FILE IN: Expandable 01032006

Refer to Record No. 0001
in C0070013, 2006, Incoming
for additional information

Phase III
Bond Release Application

HORSE CANYON MINE
ACT/007/013

Submitted By:

UTAHAMERICAN ENERGY

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Insert at beginning of Chapter III, Volume I

Chapter III
RECLAMATION PLAN

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Appendix III-1

Phase III Bond Release Application
Horse Canyon Mine

APPENDIX III-1

Phase III Bond Release Application
Horse Canyon Mine

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Appendix III-1
Phase III Bond Release Application
Horse Canyon Mine

The purpose of this application is to request Phase III Bond Release for the Horse Canyon Mine including the Post Mine Land Use Change area with structures and buildings approved by the Division of Oil Gas and Mining (Division) on February 25, 2004. This application includes the lands included in the previous bond releases:

1. Phase I (51.56 acres) bond release for $812,726 was approved by the Division on February 5, 1997.

2. Phase II (51.56 acres) bond release for $191,672 was approved by the Division on April 11, 2002.

Application Format

This application is formatted following Technical Directive Tech - 006, Requirements for Phased Bond Release, March 1, 2001.

This application will present the appropriate Technical Directive section headings in bolded italics followed by responses as follows:

5. Procedure
Prior to Bond Release Request

Permit reclamation changes and post mine land use changes:

All permit revisions have been approved by the Division and incorporated into the MRP.

A Post Mine Land Use Change (PMLU) for 16.18 acres not included in the Phase I and Phase II bond release areas was submitted and later approved by the Division on February 25, 2004 for a portion of the Horse Canyon Mine including buildings and areas donated to the College of Eastern Utah (CEU) under an Asset Assignment Agreement. The post mining land use change was added to the MRP as Appendix X-4 in Chapter X, Volume IV.

The Post Mine Land Use Change area can be seen on Exhibits A-1, A-2, A-3 and A-4 of the PMLU Change application (Appendix X-4, Volume IV of the MRP). The areas covered by this bond release application can be found on Plates III-2A thru III-2G attached to this application as Exhibit III-1-4 including the PMLU area and the areas covered by the approved Phases I and II bond releases. The base map for Plates III-2A through III-2F

have been assembled by duplicating Plates III-1A through III-1F, Plate III-2G has been added to include small areas that extended off of Plates III-2A, and III-2B. Four (4) copies are include for insertion into the MRP document.

A copy of the Asset Assignment Agreement with CEU can be found in the Division files under the PLMU application, and as Exhibit III-1-1 of this application.

1. Certify Reclamation

As-build drawings (Plates III-1A thru III-1F) were submitted and approved as part of the Phase II bond release application; these plates have been incorporated into the MRP. Information adequate for Phase I and Phase II bond releases were previously submitted and accepted by the Division as evidenced by the approved Phase I and Phase II bond releases.

The approved Post Mine Land Use Change referenced above modified the reclamation plan to leave the buildings, structures and areas as-is for use by the CEU. Therefore, that area, buildings and structures were not reclaimed.

Form C1 included with this application contains a notarized certification.

2. Provide agreements for structures remaining for post mine land use. Phase III Bond Release Area:

Exhibit III-1-1 to this application includes a signed copy of the Asset Assignment Agreement with the CEU for the post mine land use change area.

3. Address performance standards.

The land use change area and structures will be used by the CEU. The area has been donated in total including ownership of the property and therefore is removed from reclamation responsibility, although no bond reduction has been applied for. This Phase III bond release application includes the acreage, buildings and structures including the post mine land use change area as well as the areas reclaimed under the Phase I and Phase II bond releases. All pertinent requirements were addressed in the post mine land use change application.

REQUEST FOR BOND RELEASE

I. A. Notarized signature

This application has been formatted as new Appendix III-1, Chapter III, Volume I of the MRP, and includes form C1 which includes a certification with notarization.

I. B. Notification letters

Exhibit III-1-2 includes copies of notification letters sent to the appropriate individuals and entities.

I. C. NEWSPAPER ADVERTISEMENT

Exhibit III-1-3 includes a copy of the public notice required by R645-301-880-120. Poof of publication will be submitted following posting and receipt of signed affidavit of publication

I. D. PERMIT CONDITIONS

There are no outstanding permit conditions.

II. A. 1. Legal description of the permit area.

The permit area is shown on the Lila Point, and Cedar U.S. Geological Survey 7.5-minute Quadrangle maps. The areas covered in this Phase III Bond release application include 51.56 acres covered by the Phase I and Phase II bond releases as well as 6.5 acres at the borrow area which was partially disturbed during reclamation efforts in 1990 -1991 by removing some fill material for reclamation. This disturbance of the borrow area was reclaimed at that time and has not been disturbed since. In addition, 0.02 acres including the bridge abutments were retained by Emery County for the bridge providing access to the Horse Canyon County road. Also, 16.18 acres were donated to CEU, making a total of 74.26 acres included in this bond release application.

The complete permit legal description can be found in Chapter I, Volume 1 of the MRP. More specifically, the disturbed areas included in the reclamation bond are as follows:

Post Mining Land Use Change Area:

Township 16 South, Range 14 East, SLB&M

Section 3: Lots 3, 6, 11, 12

Section 4: NE4SE4, SE4SE4, NW4SE4, SW4SE4

Containing 16.18 acres.

Phase III Bond Release Areas:

Township 16 South, Range 14 East, Salt Lake Base & Meridian

Section 3

Lot 1, 2, 3, 5, 6, 7, 8, 9, 11, 12; N2SW4SW4, SW4SE4, NW4SW4, NE4SW4
N2SE4, SE4SE4

Section 4

SE4NE4, S2SW4, S2SE4NE4, Lot 9, SE4

Section 5

S2SE4SE4

Section 8

NE4NE4

Section 9

NW4NW4, NE4NW4, NW4NE4

Containing 58.08 acres of disturbed area.

II.A.2. Maps

All disturbed areas where reclamation has been completed are included in this Phase III Bond Release application. Those areas can be seen on Plates III-1A thru 1F, III-1A-1, III-B-1, III-1C-1, III-1D-1, and III-1G in Chapter III, Volume I of the MRP. The disturbed area boundary can also be seen on Plates II-1A and 1B in Chapter II, Volume I. Plates III-A thru III-1F have been revised to reflect the Phase III bond release request including the areas donated to CEU included in the PMLU and the areas previously reclaimed under the

Phase I and Phase II bond releases, and can be seen in Exhibit III-1-4 of this application.

II.A.3. Vegetation Sampling

Vegetation sampling was conducted in 2003 and 2004 for Phase III bond release evaluation. The sampling reports are included in this application as Exhibit III-1-5, Horse Canyon Vegetation Survey - 2003, and Exhibit III-1-6, Horse Canyon Mine Vegetation Survey - 2004. The Division was notified and consulted in this regard as stated in the 2003 sampling report included as Appendix III-1-5, Horse Canyon Vegetation Study - 2003. The vegetation meets the requirements of the standards as follows:

Quoting from the 2003 study report:

> A vegetation inventory was conducted on 6 revegetation sites on the Horse Canyon Mine property between June and August, 2003. Data were collected regarding percent cover, percent cover by species, and woody plant density at each site. Data were also collected from a reference site located on Bureau of Land Management property adjacent to mine property. Revegetation sites were compared to the reference area with respect to cover and woody plant density to determine similarity. All sites cover averages exceed the cover average for the reference site and should be judged to have satisfactorily exceeded minimum requirements with respect to cover. Woody plant density in all revegetated sites exceeded woody plant density in the reference area. Species diversity was also higher in all revegetated areas when compared to the reference area.

Quoting from the 2004 study report:

> A vegetation inventory was conducted on 6 revegetation sites on the Horse Canyon Mine property between June and August, 2003. Data were collected regarding percent cover, percent cover by species, and woody plant density at each site. Data were also collected from a reference site located on Bureau of Land Management property adjacent to mine property. Revegetation sites were compared to the reference area with respect to cover and woody plant density to determine similarity. All sites cover averages exceed the cover average for the reference site and should be judged to have satisfactorily exceeded minimum requirements with respect to cover. Woody plant density in all revegetated sites exceeded woody plant density in the reference area. Species diversity was also higher in all revegetated areas when compared to the reference area. Life form similarity comparisons indicated that in almost every case, the revegetated areas

exceeded the 70% standard with respect to percent cover.

II.A.4. Reclamation treatments, areas and work accomplished

The following MRP Chapters address the information required:

Reclamation areas and plan ..... Chapter 3, Volume I
Postmining Topography ..... Chapter 3, Volume I
Drainage Control ..... Chapter 3, Volume I
Vegetation ..... Chapter VIII, Volume IV
Land Use ..... Chapter X, Volume IV

*** The Post Mine Land Use Change including the CEU donation area is included in Appendix X-4.

II.A.5. Mining history and reclamation activities

The Horse Canyon Mine was initially opened by the Defense Plant Corporation in 1942 as a source for coal for the Geneva Steel Works in Orem, Utah. The mine was sold to U.S. Steel in 1946, who operated it until January 1984, when mining was permanently suspended. U.S. Steel submitted a mining and reclamation permit application in March, 1981. In October 1982, U.S. Steel informed the Division that it was temporarily suspending mining operations, and in January 1984 permanent suspension was announced.

In November 1984, Kaiser Steel Corporation purchased the mine property and submitted a reclamation bond in the amount of $918,649, and indicated to the Division that it would maintain the operations in a temporary suspension status until further corporate decisions were made. In February 1987, Kaiser Coal, successor to Kaiser Steel filed a petition for bankruptcy under Chapter 11, Title 11, of the U.S. Bankruptcy Code. Intermountain Power Agency (IPS) acquired the mine and the permit was transferred to IPA in August 1990. IPA was issued a mining and reclamation plan on May 6, 1991, and a reclamation bond in the amount of $1,950,000 was issued in the form of a letter of credit.

Reclamation work proceeded on 51.56 acres of the 74.26 acres in 1990 and 1991. Phase I bond release was granted on February 5, 1997 for $812,276. Phase II bond release application was submitted on December 19, 1997.

UtahAmerican Energy, Inc. acquired the mine from IPA on December 21, 1998. Phase II bond release was granted on April 11, 2002.

II.A.6. Extended Responsibility

There is no extended responsibility period for the Horse Canyon Mine.

II.A.7. Remaining sediment control structures

There are no remaining sediment control structures that need to be removed.

II.A.8. Schedule and cost estimate for remaining reclamation

Phase II Bond release has been granted, this application is for Phase III bond release, completing the reclamation process. Therefore, there is no remaining reclamation responsibility after Phase III bond release being granted.

With the post mine land use change for the CEU donation, all un-reclaimed facilities and land have been removed from permit responsibility.

II.A.9. Summary of bond acreages, dates of bond releases

Date	Status	Amount	Acreages
11 Nov 84	Initial Kaiser Bond	$ 918,649	74.26 Disturbed
6 May 91	IPA Bond	$ 1,950,000	74.26 Disturbed
5 Feb 97	Phase I Bond Release (IPA)	$ 812,726	74.26 - 51.56 = 22.7 Balance
15 Sept 98	Intital Horse Canyon Bond (UAE)	$ 1,137,726	22.7 Disturbed Remaining
24 Jan 01	Adjustment at permit renewal by $115,274	$ 1,253,000	22.7 Disturbed Remaining
11 Apr 02	Phase II Bond Released $191,672	$ 1,061,328	22.7 Disturbed Remaining
25 Feb 04	Post Mine Land Use Change Approved including 16.18 acres	No Change	22.7 -16.18 = 6.52 Remaining[A]
	Phase III Bond Release Application	**$1,061,328**	**-0- Remaining**

[A] Refer to Section II.A.1 on page 3 of this application for an explanation of the 6.5 acres.

Appendix III-1-1

Asset Assignment Agreement

ASSET ASSIGNMENT AGREEMENT

This ASSET ASSIGNMENT AGREEMENT (this "Agreement"), is made and entered into as of the 13 day of September, 2005 (the "Effective Date"), by and between **UTAHAMERICAN ENERGY, INC.** ("UEI" or "Assignor"), a Utah corporation, having an address of P.O. Box 986, Price, Utah 84501, and the **COLLEGE OF EASTERN UTAH FOUNDATION** ("CEUF" or "Assignee"), a Utah Non-Profit Corporation located in Price Utah, having an address of 451 East 400 North, Price, Utah 84501.

RECITALS

A. UEI is the owner of certain assets held in connection with the Horse Canyon Mine, an underground coal mine, including certain surface lands and facilities which are being reclaimed pursuant to the provisions of the Utah Coal Mining and Reclamation Act and Permit No. C/007/013, situated in Carbon County and Emery County, Utah.

B. UEI desires to donate, transfer and assign to CEUF and CEUF desires to accept and acknowledge the donation from UEI of certain of the Horse Canyon Mine property assets and water rights, collectively referred to as the "Donated Property," all subject to the terms and conditions of this Agreement.

NOW, THEREFORE, In consideration of the promises and benefits contained herein and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, UEI as Assignor and CEUF as Assignee, agree as follows:

ARTICLE I
Definitions

1.1 Certain Definitions. In this Agreement, capitalized terms and other defined terms described before shall have the meanings set forth as follows:

"Agreement" means this Asset Assignment Agreement and the exhibits attached hereto and all agreements or instruments executed in connection herewith or described pursuant hereto.

"Bond" means the Horse Canyon Mine reclamation bond provided by UEI to the Division.

"Coal Act" means the Coal Mining and Reclamation Act and the Federal Surface Mining Control and Reclamation Act.

"Conveyance Documents" means those instruments transferring title to the Donated Property from UEI to CEUF described at Exhibit F hereto.

"Division" means the State of Utah Department of Natural Resources, Division of Oil, Gas and Mining.

"Donated Facilities" means the list of buildings and surface facilities donated by UEI to CEUF and described at Exhibit E hereto.

"Donated Property" means all of UEI's right, title and interest to the real property and surface facilities described at Exhibits A and E hereto and as further depicted on the map attached as Exhibit C hereto and the Water Rights described at Exhibit B hereto.

"Effective Date" means the date of this Agreement first set forth above.

"Environmental Law" means all applicable statutes, ordinances, rules, regulations, licenses, permits, orders and other authorizations of all federal, state and local entities having jurisdiction over the Donated Property.

"Horse Canyon Mine" means the underground coal mine located in Carbon County, Utah, and all associated facilities.

"IRC" means the Internal Revenue Code of 1986, as amended.

"Lila Canyon Mine" means the UEI mining operation located near or adjacent to the Donated Property.

"Phase II and Phase III Bond Release" means the release of portions of UEI's Bond on the Horse Canyon Mine in accordance with the Coal Act.

"Post Mine Land Use" means the land use of the Donated Property under the Coal Act.

"Retained Assets" means those assets retained by UEI as set forth at 3.2 of the Agreement.

"State Historic Preservation Officer" or "SHPO" means the Utah Department of Community and Economic Development, Division of State History.

"Water Rights" means those water rights described in Exhibit B.

ARTICLE II
AGREEMENT TO ASSIGN DONATED PROPERTY

2.1 Agreement to Assign. Subject to the terms and conditions of this Agreement, UEI agrees to donate, transfer and assign and CEUF agrees to accept from UEI the Donated Property.

ARTICLE III
ASSETS AND LIABILITIES TO BE ASSIGNED AND RETAINED

3.1 Assets to be Assigned. The assets to be donated, transferred and assigned are referred to as the Donated Property.

3.2 Assets to be Retained. The assets to be retained by UEI are:

(a) Coal and Mineral Rights. UEI reserves its interest, if any, in the coal, oil and gas, coalbed methane and other minerals of whatsoever kind, determination or description located within the following described lands within Emery County, Utah:

Township 16 South, Range 14 East:

Section 3: Lots 1, 3, 7, 8, and 11 (approximately 176.13 acres)

(b) Retained Assets described at Exhibit A. UEI retains the assets described under the column "UEI to Retain Ownership" at Exhibit A hereto.

(c) Redden Spring. UEI reserves all right, title and interest in the Redden Spring Water Right No. 91-5084, as described at Exhibit B hereto, and reserves easements across the Donated Property for access to the Water Rights and construction and operation of water pipelines and diversionary facilities related to use of the Water Rights, until the earlier of 5 years from the Effective Date or release by UEI to CEUF upon replacement of the water supplied by this water right.

(d) Water Replacement. UEI reserves the right to use of the Water Rights described at Exhibit B for UEI's mining purposes or for water replacement purposes as defined in the Coal Act, or for any other regulatory compliance requirement and reserves easements across the Donated Property for access to the Water Rights and construction and operation of water pipelines and diversionary facilities related to use of the Water Rights.

(e) Access for Environmental Monitoring and Bond Release. UEI reserves access to the Donated Property for the purpose of conducting environmental monitoring under applicable Environmental Laws and for purposes of completing activities related to Phase II and Phase III Bond Release.

3.3 Liabilities Assumed by Assignee. With the exception of those liabilities retained by Assignor as described at Section 3.4 herein, Assignee assumes all liabilities and obligations with regard to the Donated Property arising after the Effective Date, including but not limited to those arising under Environmental Laws. To the fullest extent permitted by law, except as specifically provided at § 3.4 herein, Assignee shall and hereby agrees to, as of the Effective Date, indemnify and hold harmless Assignor and its shareholders, directors, officers, agents, employees, attorneys, representatives, successors and assigns, individually and collectively (the "UEI Indemnified Parties") from and against any and all claims, demands, suits, proceedings, damages, losses, liabilities, liens, fines, penalties, claims from indemnification or contribution, and any other matters whatsoever, and all costs and expenses incurred in connection therewith, including attorneys' fees (collectively the "Claims"), arising from ownership and use of the Donated Facilities or Donated Property after the Effective Date, including but not limited to Claims involving bodily injury and death, property damage and environmental conditions of the Donated Facilities or Donated Property. Assignee shall defend all Claims and pay all costs and expenses incidental thereto, but any of the UEI Indemnified Parties shall have the right, at their option, to participate in their own defense through separate counsel without relieving Assignee of any obligation herein. This Section 3.3 shall survive the Effective Date.

3.4 Liabilities Retained by Assignor. UEI retains all liabilities and obligations relating to the Donated Property that arose prior to the Effective Date, including but not limited to those arising under Environmental Laws and permit requirements. Further, UEI retains responsibility for all liabilities of, obligations for, and terms of compliance with: (i) the UPDES

on the Sedimentation Pond described at Exhibit E; (ii) the Bond and associated reclamation activities under the Coal Act necessary to achieve Phase II and Phase III Bond Release; (iii) the Horse Canyon Mine Permit; and (iv) the Lila Canyon Mine Permit (collectively the "Permitted Activities"). To the fullest extent permitted by law, Assignor shall and hereby agrees to, as of the Effective Date, indemnify and hold harmless Assignee and the College of Eastern Utah and their respective directors, officers, agents, employees, attorneys, representatives, successors and assigns, individually and collectively (the "CEUF Indemnified Partners") from and against any and all claims, demands, suits, proceedings, damages, losses, liabilities, liens, fines, penalties, claims for indemnification or contribution and any other matters whatsoever, and all costs and expenses incurred in connection therefore, including attorneys' fees (collectively the "Claims") arising from ownership and use of the Donated Facilities and Donated Property prior to the Effective Date, and after the Effective Date, only as to Claims arising from the Permitted Activities, including but not limited to Claims involving bodily injury and death, property damage and environmental conditions of the Donated Facilities and Donated Property. Assignor shall defend all Claims and pay all costs and expenses incidental thereto, but any of the CEUF Indemnified Parties shall have the right, at their option, to participate in their own defense through separate counsel without relieving Assignor of any objections hereunder. This Section 3.4 shall survive the Effective Date.

ARTICLE IV
REPRESENTATIONS AND WARRANTIES

4.1 Conveyance of Donated Property. UEI is donating, transferring and assigning the Donated Property to CEUF, **"AS IS," "WHERE IS" WITHOUT ANY WARRANTIES OR REPRESENTATIONS AND NEITHER UEI NOR ANY OF ITS DIRECTORS, OFFICERS, EMPLOYEES, AFFILIATES, ATTORNEYS, AGENT OR REPRESENTATIVES HAS MADE OR MAKES ANY WARRANTY OR REPRESENTATION WHATSOEVER REGARDING THE PROPERTY, OR ANY OTHER MATTER IN ANY WAY RELATED TO THE PROPERTY, INCLUDING, BUT NOT LIMITED TO TITLE TO THE DONATED PROPERTY, LEASE, USE, VALUE, ENVIRONMENTAL CONDITION, ACCESS, WETLANDS, OR ANY OTHER CONDITION OF THE PROPERTY OR ANY IMPROVEMENT OR PERSONAL PROPERTY LOCATED THEREON.** This Article 4.1 shall survive the Effective Date.

4.2 Charitable Status of CEUF. CEUF represents and warrants that it is a charitable organization under § 501(c)(3) of the IRC.

ARTICLE V
SCOPE OF WORK ON DONATED PROPERTY

5.1 UEI Scope of Work. UEI shall perform, and as of the Effective Date, represents that it has completed the Scope of Work described at Exhibit D ("Scope of Work").

ARTICLE VI
MINING ON UEI'S ADJACENT PROPERTY

6.1 Acknowledgment of Mining. CEUF acknowledges that UEI intends to conduct coal mining activities at the Lila Canyon Mine adjacent to the Donated Property and waives all claims arising from the impact of such land use on the Donated Property. This Section 6.1 shall survive the Effective Date.

ARTICLE VII
CONVEYANCE OF DONATED PROPERTY

7.1 Assignor's Conveyance Documents. Upon the Effective Date, UEI shall execute, acknowledge and deliver to CEUF quit claim deeds for the Donated Property in the form set forth at Exhibits F and G hereto.

7.2 Assignee's Acknowledgment of Donation. This Agreement serves as CEUF's acknowledgment of UEI's donation, transfer and assignment of the Donated Property to CEUF and confirmation that no goods or services were provided by CEUF in return for UEI's contribution of the Donated Property. Upon UEI's request, CEUF will provide a separate written acknowledgement of UEI's contribution consistent with Section 170(f)(8) of the IRC and Section 1.170A-13(f) of the Income Tax Regulations.

7.3 Covenant Not to Convey. Except as otherwise agreed to by UEI in writing, CEUF hereby agrees that CEUF will not sell, transfer or otherwise convey the Donated Property to any third party other than any successor in interest within twenty-four (24) months after the date the quit claim deeds referenced in Section 7.1 hereto are recorded in the applicable county recorder's office. CEUF acknowledges that, pursuant to applicable federal tax law, any conveyance within such time period may result in adverse tax consequences to UEI. Accordingly, CEUF hereby agrees to indemnify and hold UEI harmless from any increase in federal and state taxes that result from CEUF's breach of this Section 7.3

ARTICLE VIII
MISCELLANEOUS

8.1 Assignment. This Agreement shall not be assigned in whole or part by any party without the prior written consent of the other party, which consent may not unreasonably be withheld.

8.2 Notices. All notices, payments and other communications under this Agreement must be in writing and shall be addressed respectively as follows:

ASSIGNOR: UtahAmerican Energy, Inc.
P.O. Box 986
Price, Utah 84501
Attn: Jay Marshall
Telephone: (435) 637-5511
Facsimile: (425) 675-8840

With copy to:

Snell & Wilmer L.L.P.
15 West South Temple
Suite 1200
Salt Lake City, Utah 84101
Attn: Denise Dragoo, Esq.
Telephone: (801) 257-1998
Facsimile: (801) 257-1800

ASSIGNEE: John Craven, President
College of Eastern Utah Foundation
451 East 400 North
Price, Utah 84501
Telephone: (435) 637-1706

8.3 Expenses and Fees. Each party hereto agrees to pay, without right of reimbursement from the other, the costs incurred by it incident to the preparation of this Agreement, and the fees and disbursements of counsel, accountants and consultants employed by it in connection with the negotiation of this Agreement and the consummation of the transactions contemplated herein.

8.4 Successors and Assigns. Except as otherwise provided herein, this Agreement shall be binding upon and inure to the benefit of the parties hereto and their respective successors and permitted assigns.

8.5 Entire Agreement. This Agreement (together with the exhibits hereto, all of which are incorporated herein and made a part hereof by this reference: (i) supersedes any other agreements, whether written or oral, that may have been made or entered into by any of the parties hereto (or by nay director, officer or representative of such parties) relating to the matter contemplated hereby; and (ii) constitutes the entire agreement by and between the parties hereto and there are no representations, warranties, covenants, agreement s or commitments except as expressly set forth herein.

8.6 Survival. CEUF's obligations described in Section 3.3, 6.1, 7.2 and 7.3 and UEI's obligations described in Section 3.4 of this Agreement shall survive any expiration or termination of this Agreement and shall not merge into any deed delivered and accepted upon the consummation of the transaction herein contemplated.

[remainder of page left intentionally blank]

IN WITNESS WHEREOF, the parties hereto have executed this Agreement by their duly authorize representations the day and year first above written.

ASSIGNOR:

UTAHAMERICAN ENERGY, INC.

By: Robert E. Murray

Its: Director

ASSIGNEE:

COLLEGE OF EASTERN UTAH FOUNDATION

By: [illegible]

Its: President

EXHIBIT A
to
Asset Assignment Agreement

College of Eastern Utah Foundation
Horse Canyon Project

Legal Description		UEI to Retain Ownership		Donate to College of Eastern Utah Foundation	
	Section	Description	Acres	Description	Acres
T.16S R.14E Emery County Fee Surface	3			Lots 1,3,7,8,11	176.13
	4	S2SW4	80	NW4SE4, SE4SE4	80
	5	SE4SE4	40		
	9	S2NW4, W2SE4	160	NW4NE4, SE4NE4, NE4SE4	120
	10	SE4	160		
	15	SE4NW4, N2NE4, SE4NE4	160		
T.15S R.14E Carbon County Fee Surface	33			S2SE4	80
	34			SW4SW4	40
T.16S R.14E Emery County Fee Simple	3			Lots 5, 6, 12, NW4SW4, S2SW4	240
	4			Lots 8, 9, NE4SE4, SW4SE4	160
	8	NE4NE4	40		
	9	N2NW4	80		
T.16S R.14E Emery County Fee Simple	15	S2NE4, ALSO, Beginning at the NE corner of the NW4SE4, and running thence W 1000 feet; thence SE'ly to a point 500 feet S of beginning; thence N 500 feet to beginning	91.25		
TOTAL			**811.25**		**896.13**

EXHIBIT B
to
Asset Assignment Agreement

DESCRIPTION OF DONATED WATER RIGHTS

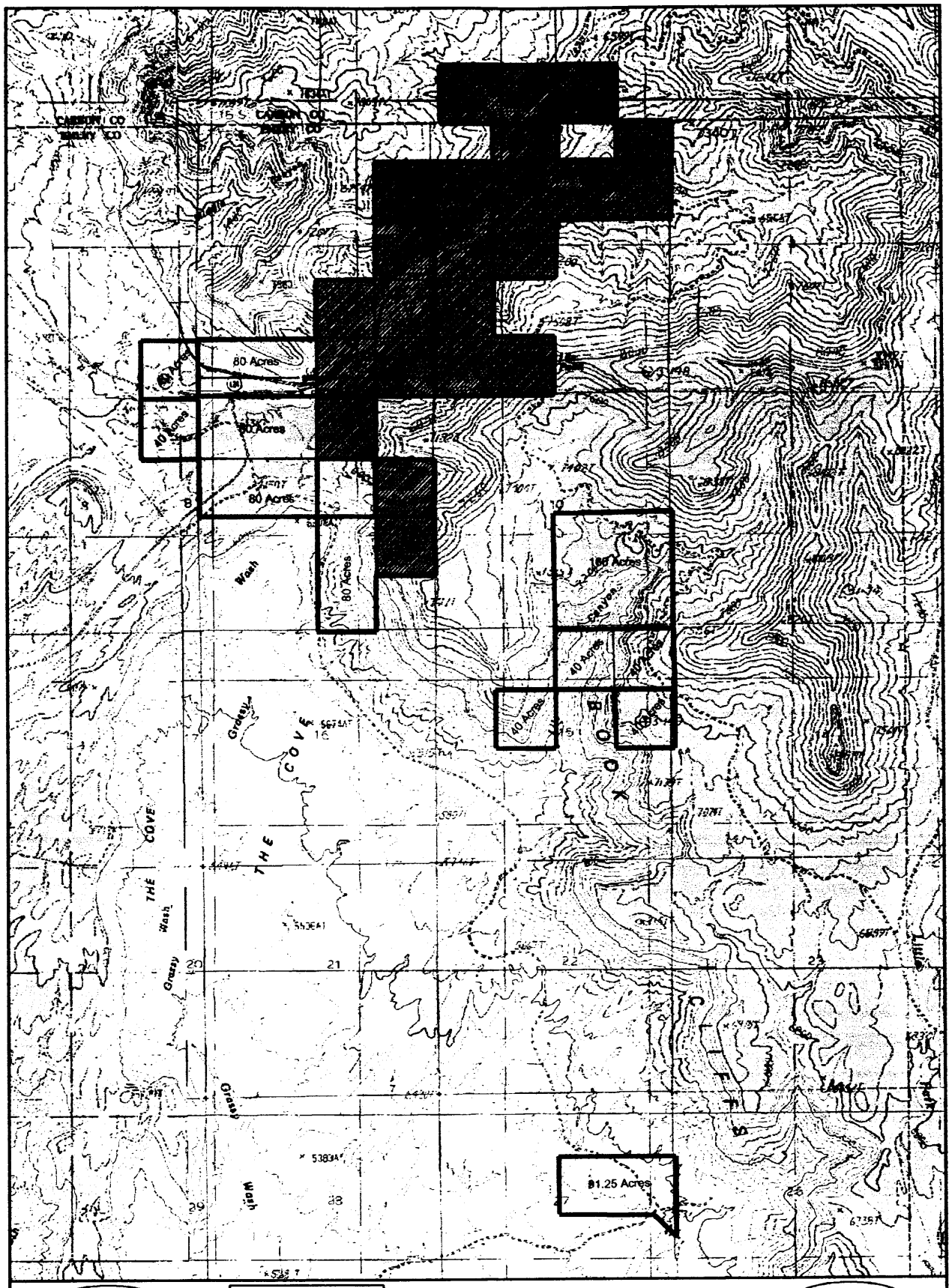
(1) Water User's Claim 91-183: Certificate of Appropriation of Water No. 4592, Application No. 20888, Water Users Claim 91-183, dated August 30, 1952, recorded in Book C of Water Rights at Page 259 in the office of the Emery County Recorder, United States Steel Company, appropriator, appropriating eighty thousandths second feet (.08 cfs) from Horse Canyon Creek, Emery County, Utah, for the period from January 1 to December 31, inclusive, for mining purposes, for diversion and use as set forth in the Deed.

(2) Water Right No. 91-5084, to appropriate 5.0 acre-feet of water from Redden Spring, located at a point South 2145 feet and West 330 feet from the NE Corner of Section 3, T16S, R14E, SLBM.

Provided, that Assignor reserves the right to use water from the above-described Water Rights for reclamation and mining purposes or water replacement uses at the Horse Canyon Mine and the Lila Canyon Mine, Emery County and Carbon County, Utah.

EXHIBIT C
to
Asset Assignment Agreement

MAP



LEGEND:

40 to Retain

Proposed Transfer

REVISIONS	
2/17/2003	RJM

SCALE:

1000' 0' 2000'

Exhibit C

EXHIBIT D
to
Asset Assignment Agreement

Scope of Work

I. Facility Area:

1) Cover all window and door openings. Any damaged or missing plywood panels covering the windows on the following facilities will be replaced with new 3/8" plywood or equivalent.
   A) Office
   B) Bath House
   C) Warehouse
   D) Shop

2) Retain one door opening in each building, preferably in the rear away from traffic. This requirements does not apply to the shop building. The single door retained in each of the three buildings will be steel.

3) Install simple lock on the retained doors.

4) Fill in all grease sumps and underground passage openings in the shop building with sand/gravel material.

5) Remove all equipment & materials not built in, including paper, trash and personal property.

II. Portal Area:

1) Remove and dispose of temporary metal fan housing.

1) Remove both concrete head collars at ground level.

2) Cover remaining concrete with a minimum of 3' of cover material obtained from the existing pad keeping pad as flat as practical.

3) Backfill underground rock dust bin.

NOTE:

a) All concrete and metal will be disposed of in an approved disposal site for non-coal waste. Metal may be salvaged by UEI.

b) All efforts will be made to minimize disturbance of vegetation and soil.

EXHIBIT E
to
Asset Assignment Agreement

LIST OF FACILITIES

The following is a list of facilities at the Horse Canyon Mine to be donated to the College of Eastern Utah Foundation by UtahAmerican Energy, Inc.

1. Sedimentation Pond #2 (including associated drainage features)
2. Pump House
3. Office Building
4. Bath House
5. Warehouse
6. Shop
7. Chain Link Fence
8. Building Pads
9. Parking Lot
10. Powder Magazine
11. Cap Magazine
12. Water Tank
13. Portal Pad

EXHIBIT F
to
Asset Assignment Agreement

QUIT-CLAIM DEED

WHEN RECORDED, RETURN TO:

Ryan Thomas
College of Eastern Utah
451 East 400 North
Price, Utah 84501

Quit-Claim Deed

UTAHAMERICAN ENERGY, INC., a Utah corporation, having an address of P.O. Box 986, Price, Utah 84501 ("Grantor"), for TEN DOLLARS ($10.00) and other good and valuable consideration, receipt of which is hereby acknowledged, hereby conveys and quitclaims to the COLLEGE OF EASTERN UTAH FOUNDATION, a Utah Non-Profit Corporation, having an address of 451 East 400 North, Price, Utah 84501 ("Grantee"), all of its rights, title and interest in the lands in Emery County, Utah, described in Schedule "A" hereto, including the buildings and surface facilities described at Schedule B hereto. The conveyance provided for herein shall not include any rights to water or water shares in connection with said real property.

Grantor reserves such easements and rights of way as necessary for Grantor and its employees and representatives to i) access certain water rights located on said real property and to construct and operate water pipelines and diversionary facilities thereon and compliance as necessary; and ii) to access said real property to conduct environmental compliance, monitoring and reclamation activities.

This instrument is executed and delivered pursuant to that certain Asset Assignment Agreement between the parties dated as of September 13, 2005, the terms and conditions of which shall survive the execution and delivery of this instrument.

DATED this 13 day of September, 2005.

GRANTOR:

UTAHAMERICAN ENERGY, INC.

By Robert G. Murray
Its Director

STATE OF OHIO)
: ss.
COUNTY OF BELMONT)

The foregoing instrument was acknowledged before me this 15th day of July, 2005, by Robert E. Murray on behalf of UtahAmerican Energy, Inc.

Denise K. Jackson
Notary Public
Residing at: 62838 McMillan Rd.
Barnesville, OH 43713

My Commission Expires:

DENISE K. JACKSON
Notary Public
My Commission Expires 2005

SCHEDULE "A"
to
Quit-claim Deed

EMERY COUNTY LANDS

Surface Only:

Township 16 South, Range 14 East:

Section 3: Lots 1, 3, 7, 8, 11 (176.13 acres)
Section 4: NW1/4SE1/4, SE1/4SE1/4 (80 acres)
Section 9: NW1/4NE1/4, SE1/4NE1/4, NE1/4SE1/4 (120 acres)

Fee Simple:

Township 16 South, Range 14 East

Section 3: Lots 5, 6, 12, NW1/4SW1/4, S1/2SW1/4 (240 acres)
Section 4: Lots 8, 9, NE1/4SE1/4, SW1/4SE1/4 (160 acres)

CARBON COUNTY LANDS

Surface Only:

Township 15 South, Range 14 East:

Section 33: S1/2SE1/4 (80 acres)
Section 34: SW1/4SW1/4 (40 acres

SCHEDULE "B"
to
Quit-claim Deed

Buildings and Surface Facilities

1. Sedimentation Pond #2 (including associated drainage features)
2. Pump House
3. Office Building
4. Bath House
5. Warehouse
6. Shop
7. Chain Link Fence
8. Building Pads
9. Parking Lot
10. Powder Magazine
11. Cap Magazine
12. Water Tank
13. Portal Pad

EXHIBIT G
to
Asset Assignment Agreement

WATER RIGHTS DEED

WHEN RECORDED, RETURN TO:

Ryan Thomas
College of Eastern Utah
451 East 400 North
Price, Utah 84501

Water Rights Deed

UTAHAMERICAN ENERGY, INC., a Utah corporation, having an address of P.O. Box 986, Price, Utah 84501 ("Grantor"), for TEN DOLLARS ($10.00) and other good and valuable consideration, receipt of which is hereby acknowledged, hereby conveys and quitclaims to the COLLEGE OF EASTERN UTAH FOUNDATION, a Utah Non-Profit Corporation, having an address of 451 East 400 North, Price, Utah 84501 ("Grantee"), all of Grantor's rights, title and interests in and to the following described water rights, whose points of diversion and place of use are located in Emery County, State of Utah:

1. Water Right No. 91-183: Certificate of Appropriation of Water No. 4592, Application No. 20888, filed July 22, 1949, Water Users Claim 91-183, dated August 30, 1952, recorded in Book C of Water Rights at Page 259 in the office of the Emery County Recorder, appropriating eighty thousandths second feet (.08 cfs) from Horse Canyon Creek, at a point of diversion located South 910 feet West 1305 feet from the East ¼ Corner, Section 4, Township 16 South, Range 14 East, SLBM, Emery County, Utah, for the period from January 1 to December 31, inclusive, for industrial and domestic uses.

2. Water Right No. 91-5084, to appropriate for mining and other uses 5.0 acre-feet of water from Redden Spring, located at a point South 2145 feet and West 330 feet from the NE Corner of Section 3, Township 16 South, Range 14 East, SLBM.

Grantor expressly reserves and retains the use of said water rights for mining and water replacement purposes and reserves all other water and water rights not specifically herein conveyed.

This instrument is executed and delivered pursuant to that certain Asset Assignment Agreement between the parties dated as of September 13, 2005, the terms and conditions of which shall survive the execution and delivery of this instrument.

DATED this 13 day of September, 2005.

GRANTOR:

UtahAmerican Energy, Inc.

By Robert E. Murray
Its Director

STATE OF OHIO)
: ss.
COUNTY OF BELMONT)

The foregoing instrument was acknowledged before me this 15th day of July, 2005, by Robert E. Murray on behalf of UtahAmerican Energy, Inc.

Denise M. Jackson
Notary Public
Residing at: 62838 N'Millan Rd.
Barnesville, OH 43713

My Commission Expires:

Appendix III-1-2

Letters to Surface and Subsurface Owners

UtahAmerican Letterhead

Date

Department of Natural Resources
Division of Sovereign Lands & Forestry
1594 W. North Temple, Suite 3520
P.O. Box 145703
Salt Lake City, Utah 84114-5703

Re: Phase III Bond Release, Horse Canyon Mine, DOGM Permit C\007\013

Dear Sirs,

In accordance with the requirements of R645-301-880.120, UtahAmerican Energy, Inc. (UAE) is notifying the surface land owners and local government body within and adjacent to the Horse Canyon Mine of intention to seek Phase III bond release on those disturbed lands approved for reclamation, and on lands donated to the College of Eastern Utah. The land is described on the attached public notice.

This Phase III bond release covers 51.56 acres which was reclaimed in 1990 and 1991. Phase I bond release was granted by the Utah Division of Oil, Gas & Mining on February 5, 1997, and Phase II bond release was granted on April 11, 2002.

Comments from the legal or equitable owner of record of the surface areas to be affected and from the Federal, Utah and local government agencies should be mailed to: Utah Division of Oil, Gas and Mining, Attention: Pamela Grubaugh-Littig, Permit Supervisor, 1594 West North Temple, Suite 1210, P.O. Box 145801, Salt Lake City, Utah 84114-5801.

If you have any questions or need additional information, please do not hesitate to contact me at (435) 637-5032 Extension 724, or Pamela Grubaugh-Littig at (801) 538-5268.

Sincerely,

Jay Marshall
Project Engineer

Enclosure

UtahAmerican Letterhead

Date

Department of Natural Resources
Division of Sovereign Lands & Forestry
1594 W. North Temple, Suite 3520
P.O. Box 145703
Salt Lake City, Utah 84114-5703

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UtahAmerican Letterhead

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Salt Lake City, Utah 84114-5703

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Jay Marshall
Project Engineer

Enclosure

UtahAmerican Letterhead

Date

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Division of Sovereign Lands & Forestry
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Salt Lake City, Utah 84114-5703

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Sincerely,

Jay Marshall
Project Engineer

Enclosure

Appendix III-1-3

Public Notice

Public Notice

Application for Phase III Bond Release
Horse Canyon Mine
UtahAmerican Energy , Inc.
Permit C/007/013, Approved 5/6/2001
Emery County, Utah

Notice is hereby given that UtahAmerican Energy, Inc., 153 Highway 7 South, Powhatan Point, Ohio 43942, with R. Jay Marshall as Resident Agent, P.O. Box 986, Price, Utah 84501, has filed an application with the Utah Department of Natural Resources, Division of Oil, Gas and Mining for a Phase III bond release to Permit C/007/013. The Phase III bond release is on land approved for uses included in the permit under the provisions of the Utah Coal Mining and Reclamation Act pursuant to R645-301-880 and R645-301-400 of the Utah Coal Program Regulations. The permit area affected is located in Emery County and Carbon County, Utah as follows:

Township 16 South, Range 14 East, Salt Lake Base & Meridian

Section 3

Lot 1, 2, 3, 5, 6, 7, 8, 9, 11, 12, N2SW4SW4, SW4SE4, NW4SW4, NE4SW4, N2SE4 SE4SE4

Section 4

SE4NE4, S2SW4, S2SE4NE4, Lot 9

Section 5

S2SE4SE4

Section 8

NE4NE4

Section 9

NW4NW4, NE4NW4, NW4NE4

The bond release application is for $1,061,328 and covers a total of 74.26 acres, including areas donated to the College of Eastern Utah that will not be reclaimed which are covered under an approved post mine land use change, and areas reclaimed under Phases I and II of the reclamation process. The current reclamation bond No. 4892 was previously reduced by Phase I and Phase II reclamation activity.

Reclamation of the permitted facilities was started in 1991, and meets the requirements of the regulations, including stabilization of lands, restoration of drainages, and vegetation establishment.

The permit area is shown on the Cedar and Lila Point U.S. Geological Survey 7.5-minute Quadrangle maps.

Written comments, objections and requests for an informal conference on this proposal may be addressed to:

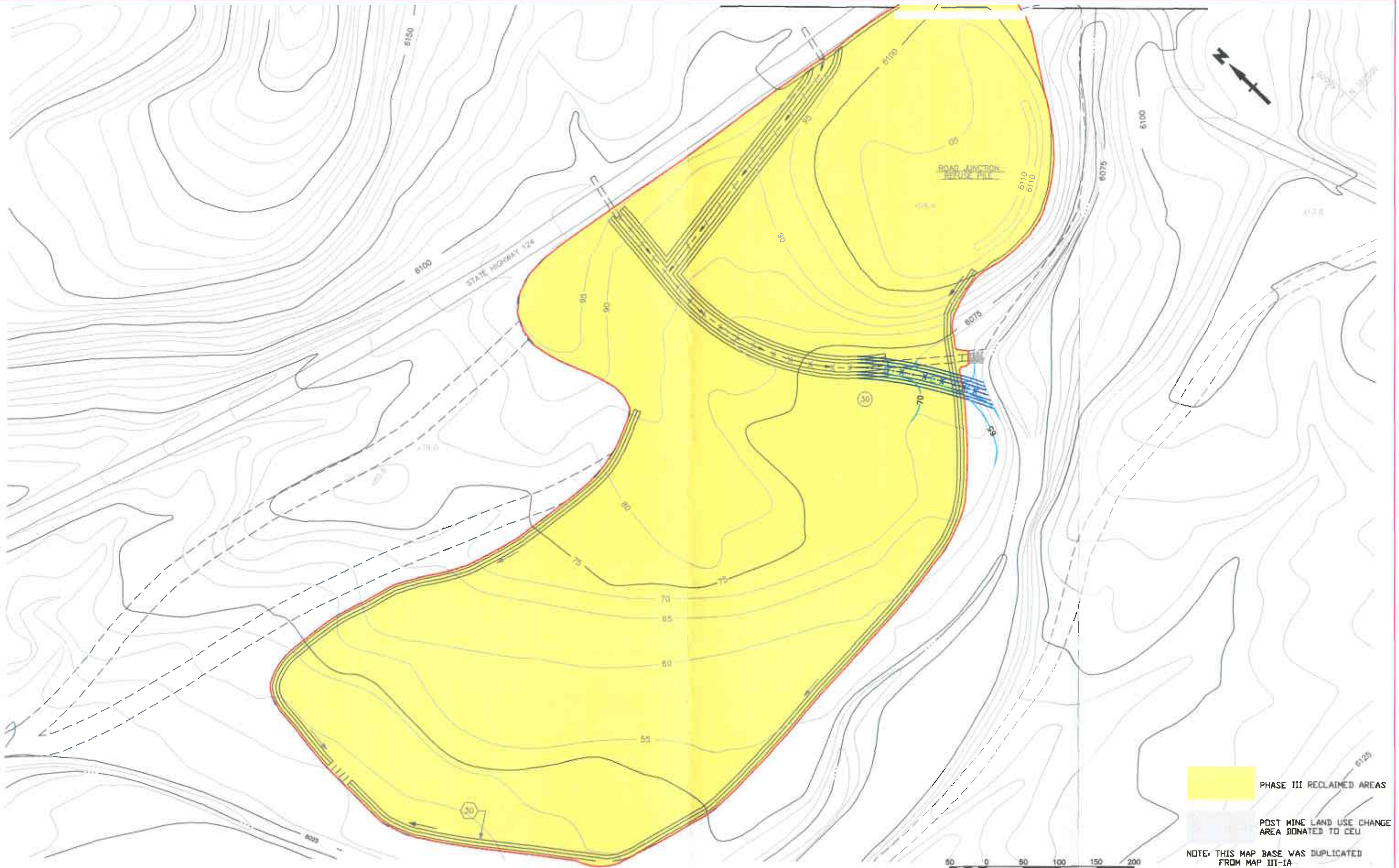
Utah Coal Program
Utah Division of Oil, Gas and Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Closing date for submission of such comments, objections and requests for an informal conference on this proposal must be submitted by _____.

Published in the Sun Advocate - _____, and the Emery County Progress -_____.

Appendix III-1-4

Plates III-2A through III-2G



NO	DATE	REVISION	BY	APP

PROFESSIONAL SEAL: REGISTERED PROFESSIONAL ENGINEER — No. 155000 — R. JAY MARSHALL — STATE OF UTAH

1. FOR LEGEND SEE PLATE VI-3, VOL. 3.
2. TOPO BASED ON 1985 AERIAL PHOTO BY INTER MOUNTAIN TECHNICAL SERVICES, INC. OF GRAND JUNCTION, COLORADO.
3. DATUM IS 1929 SEA LEVEL.
4. COORDINATE SYSTEM IS KAISER STEEL LOCAL.
5. INTERIM AND FINAL RECLAMATION TOPOGRAPHY DESIGNED AND DEVELOPED BY ICF KAISER ENGINEERS, INC., 1986-1989.
6. COMPLIANCE TOPOGRAPHY DESIGN AND DEVELOPMENT MODIFIED AND PREPARED BY EARTHFAX ENGINEERING, INC.

NOTES

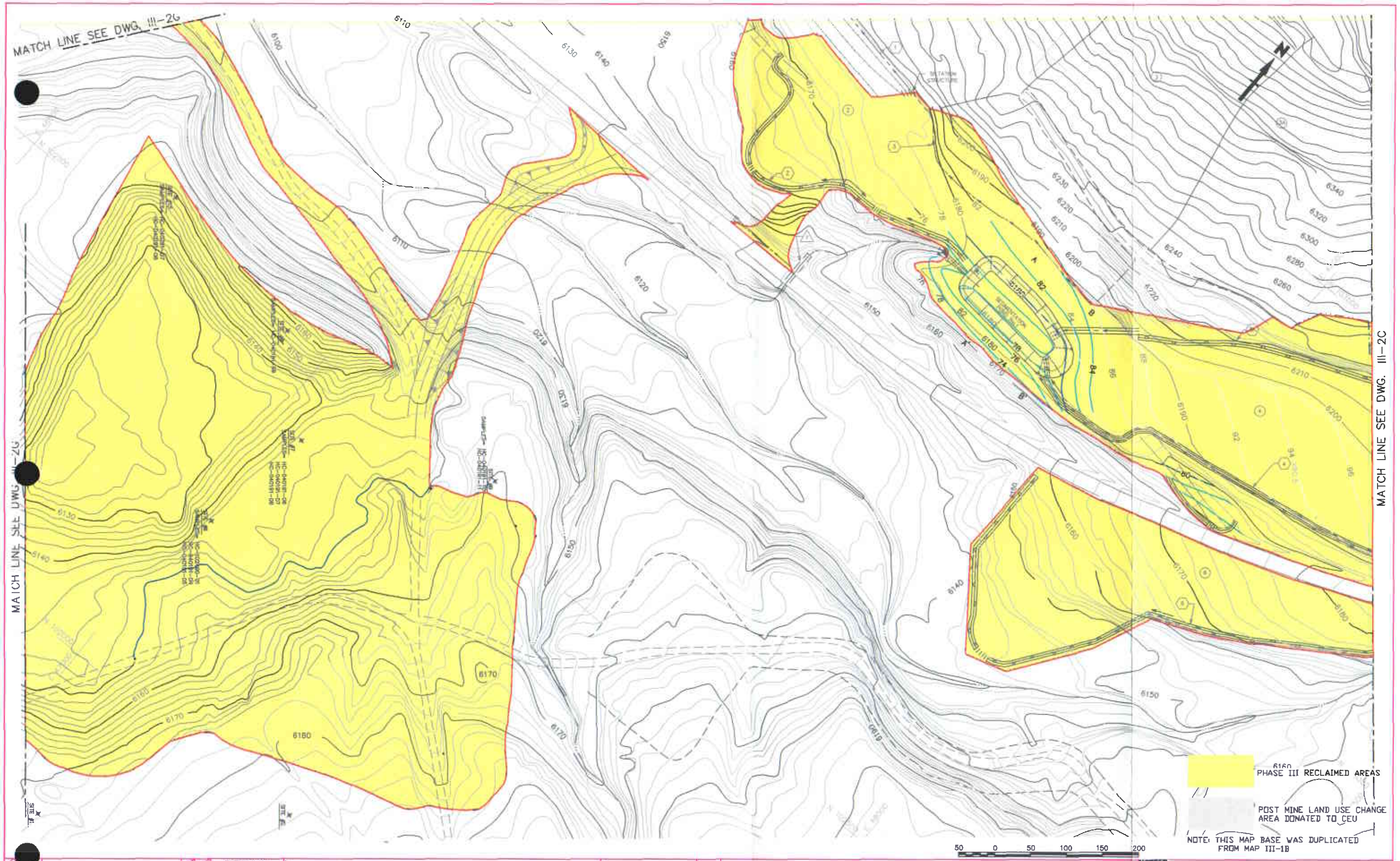
		DATE
SCALE: 1"=50'-0"		
DRAWN BY	B.A. GRIMES	10-15-95
CHECKED BY		
APPROVED BY		
CHANGED BY		
BASE MAP:		

UTAHAMERICAN ENERGY, INC.
P.O. BOX 986, PRICE, UTAH 84501

HANSEN, ALLEN & LUCE, INC
Engineers

PHASE III BOND RELEASE AREAS
HORSE CANYON MINE

JOB NO. 304.01.100 | DWG.NO. III-2A



NO	DATE	REVISION	BY	APP

PROFESSIONAL SEAL: R. JAY MARSHALL, STATE OF UTAH

1. FOR LEGEND SEE PLATE VI-3, VOL. 3
2. TOPO BASED ON 1985 AERIAL PHOTO BY INTER MOUNTAIN TECHNICAL SERVICES, INC. OF GRAND JUNCTION, COLORADO.
3. DATUM IS MSL SEA LEVEL.
4. COORDINATE SYSTEM IS KAISER STEEL LOCAL.
5. INTERIM AND FINAL RECLAMATION TOPOGRAPHY DESIGNED AND DEVELOPED BY ICF KAISER ENGINEERS, INC., 1990-1991.
6. COMPLIANCE TOPOGRAPHY DESIGN AND DEVELOPMENT MODIFIED AND PREPARED BY EARTHFAX ENGINEERING, INC.

NOTES

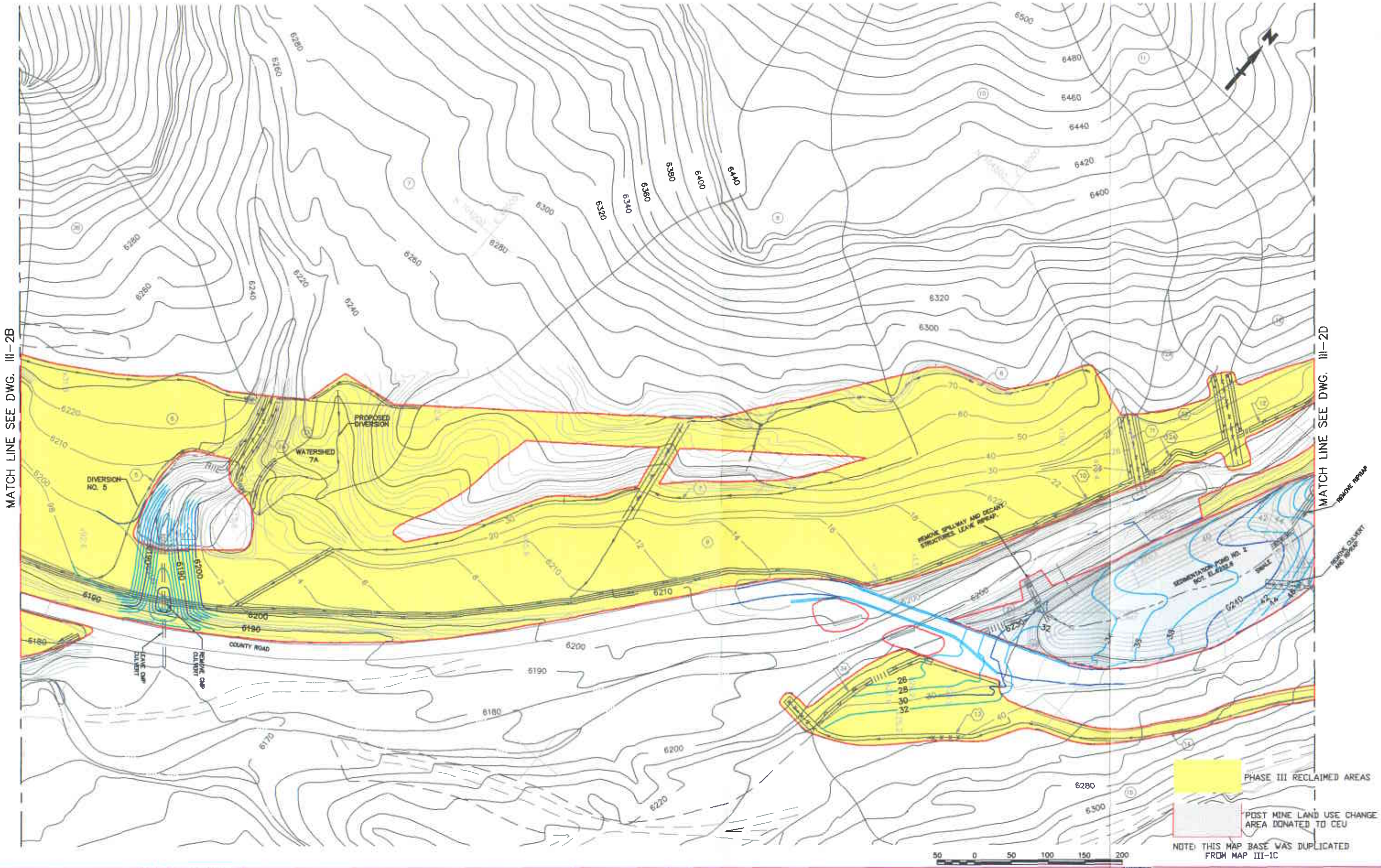
SCALE: 1"=50'-0"	DATE
DESIGNED BY	
DRAWN BY B.A. GRIMES	10-25-09
CHECKED BY	
APPROVED BY	
APPROVED BY	
BASE MAP	

UTAHAMERICAN ENERGY, INC.
P.O. BOX 986, PRICE, UTAH 84501

HANSEN, ALLEN & LUCE, INC
Engineers

PHASE III BOND RELEASE AREAS
HORSE CANYON MINE

JOB NO. 304.01.100 | DWG.NO. III-2B



NO	DATE	REVISION	BY	APP
1				
2				
3				
4				
5				
6				

PROFESSIONAL SEAL: R. JAY MARSHALL, STATE OF UTAH

1. FOR LEGEND SEE PLATE VI-3, VOL. 3.
2. TOPO BASED ON 1988 AERIAL PHOTO BY INTER MOUNTAIN TECHNICAL SERVICES, INC. OF GRAND JUNCTION, COLORADO.
3. DATUM IS MSL.
4. COORDINATE SYSTEM IS NAD83 STATE PLANE, UTAH.
5. INTERIM AND FINAL RECLAMATION TOPOGRAPHY DESIGNED AND DEVELOPED BY KF KAISER ENGINEERS, INC., 1980-1981.
6. COMPLIANCE TOPOGRAPHY DESIGN AND DEVELOPMENT MODIFIED AND PREPARED BY EARTHFAX ENGINEERING, INC.

NOTES

SCALE: 1"=50'-0"

		DATE
DESIGNED		
DRAWN	B.A.GRIMES	10-28-03
CHECKED		
APPROVED		
LINE MAP		

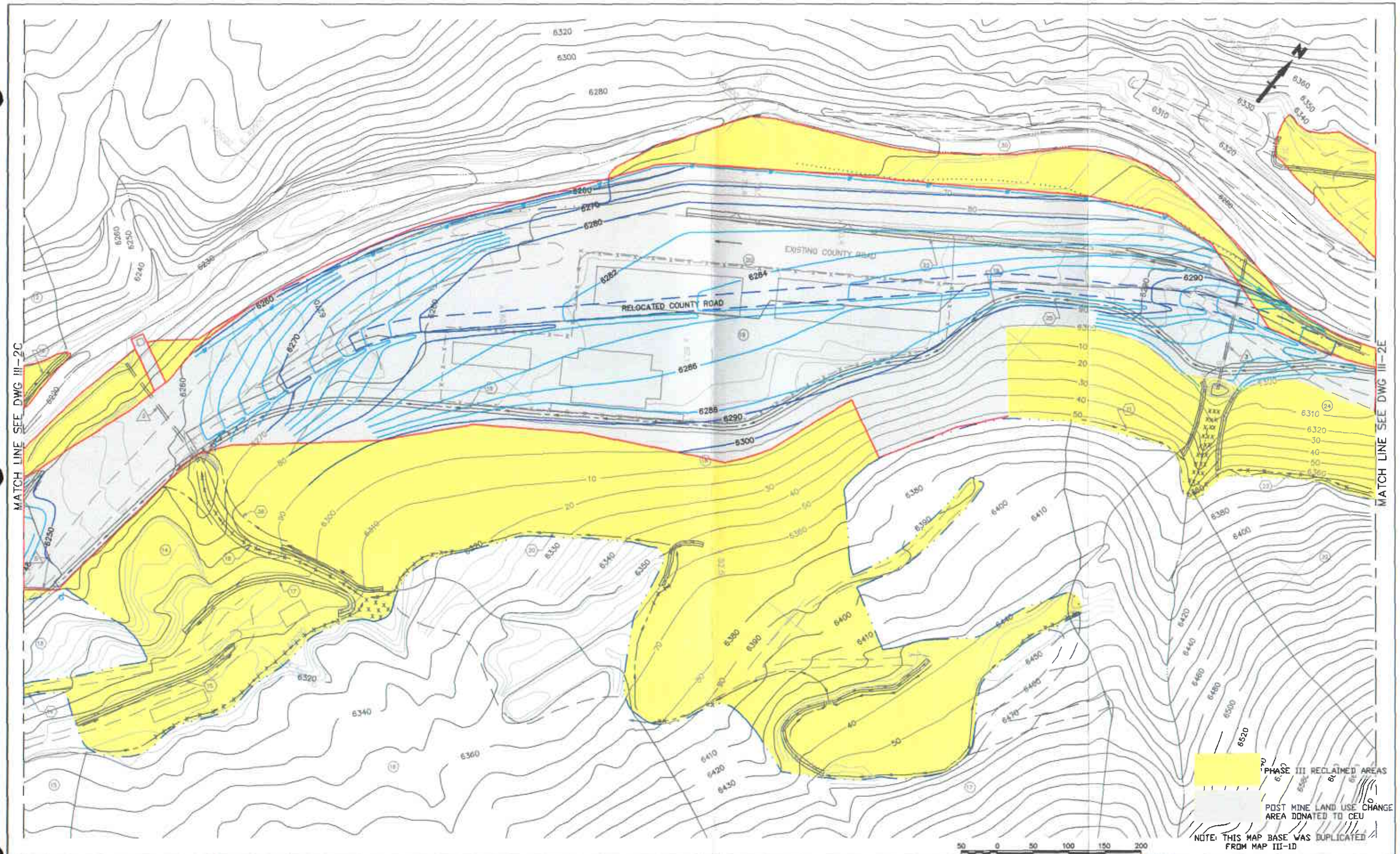
UTAHAMERICAN ENERGY, INC.
P.O. BOX 986, PRICE, UTAH 84501

HANSEN, ALLEN & LUCE, INC
Engineers

PHASE III BOND RELEASE AREAS
HORSE CANYON MINE

JOB NO.

DWG.NO. III-2C



NO	DATE	REVISION		APP

PROFESSIONAL SEAL: REGISTERED PROFESSIONAL ENGINEER No. 10000 R. JAY MARSHALL STATE OF UTAH

1. FOR LEGEND SEE PLATE VI-3, VOL. 3.
2. TOPO BASED ON 1985 AERIAL PHOTO BY INTER MOUNTAIN TECHNICAL SERVICES, INC. OF GRAND JUNCTION, COLORADO.
3. DATUM IS 1929 SEA LEVEL.
4. COORDINATE SYSTEM IS GARDER STATE LOCAL.
5. INTERIM AND FINAL RECLAMATION TOPOGRAPHY DESIGNED AND DEVELOPED BY OF KAISER ENGINEERS, INC., 1980-1981.
6. COMPLIANCE TOPOGRAPHY DESIGN AND DEVELOPMENT MODIFIED AND PREPARED BY EARTHFAX ENGINEERING, INC.

NOTES

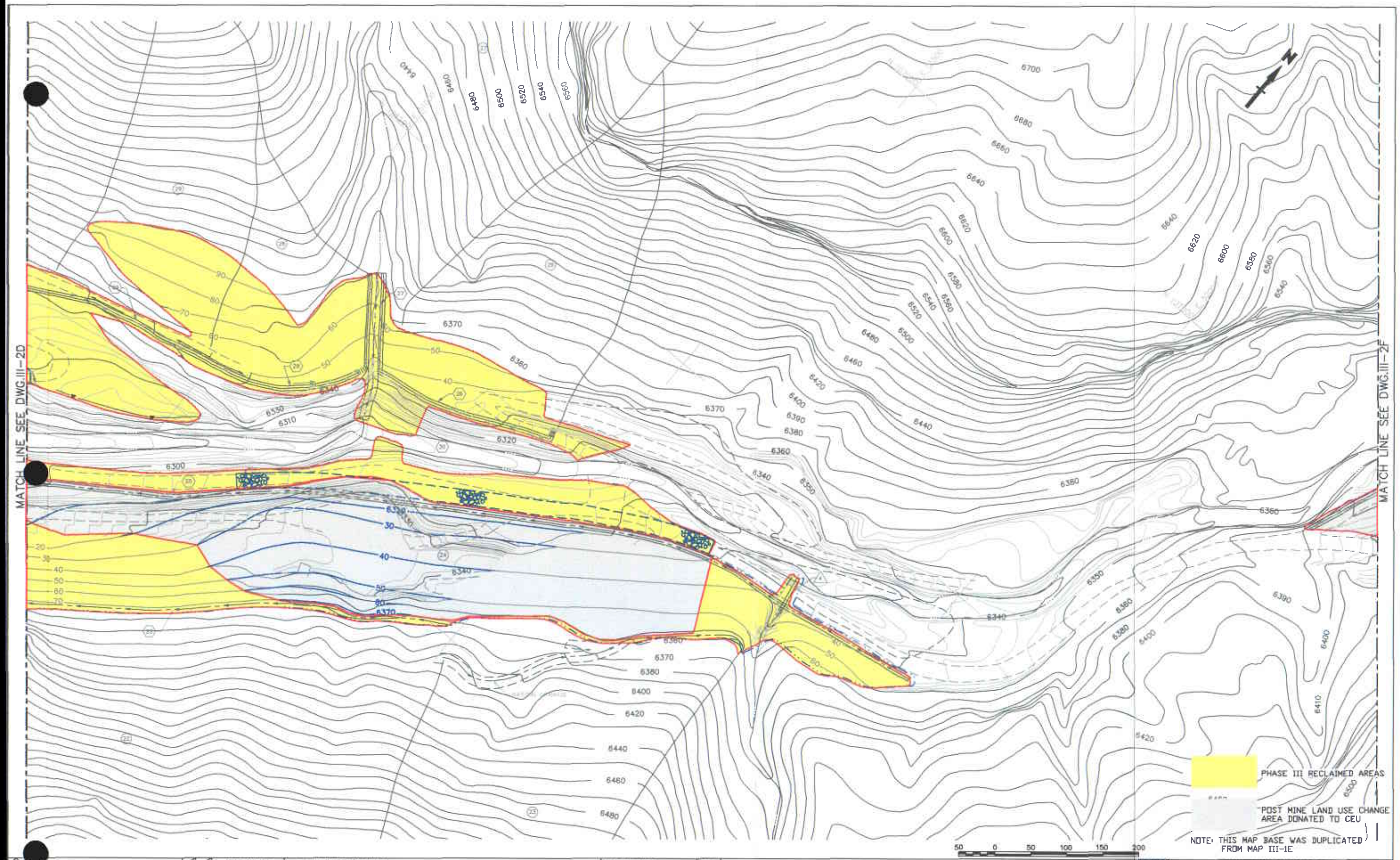
SCALE: 1"=50'-0"	DATE
DRAWN BY: B.A. GRIMES	10-25-88
CHECKED BY:	
ENGINEER BY:	
APPROVED BY:	
DATE MAP:	

UTAHAMERICAN ENERGY, INC.
P.O. BOX 986, PRICE, UTAH 84501

HANSEN, ALLEN & LUCE, INC
Engineers

PHASE III BOND RELEASE AREAS
HORSE CANYON MINE

JOB NO. 304.01.100 | DWG.NO. III-2D



PROFESSIONAL SEAL

PROFESSIONAL ENGINEER — No. 10290 — R. JAY MARSHALL — STATE OF UTAH

NO	DATE	REVISION	BY	APP

1. FOR LEGEND SEE PLATE VI-3, VOL. 3.
2. TOPO BASED ON 1988 AERIAL PHOTO BY INTER MOUNTAIN TECHNICAL SERVICES, INC. OF GRAND JUNCTION, COLORADO.
3. DATUM IS 1929 MEA LEVEL.
4. COORDINATE SYSTEM IS KAISER STEEL LOCAL.
5. INTERIM AND FINAL RECLAMATION TOPOGRAPHY DESIGNED AND DEVELOPED BY ICF KAISER ENGINEERS, INC., 1990-1991.
6. COMPLIANCE TOPOGRAPHY DESIGN AND DEVELOPMENT MODIFIED AND PREPARED BY EARTHFAX ENGINEERING, INC.

NOTES

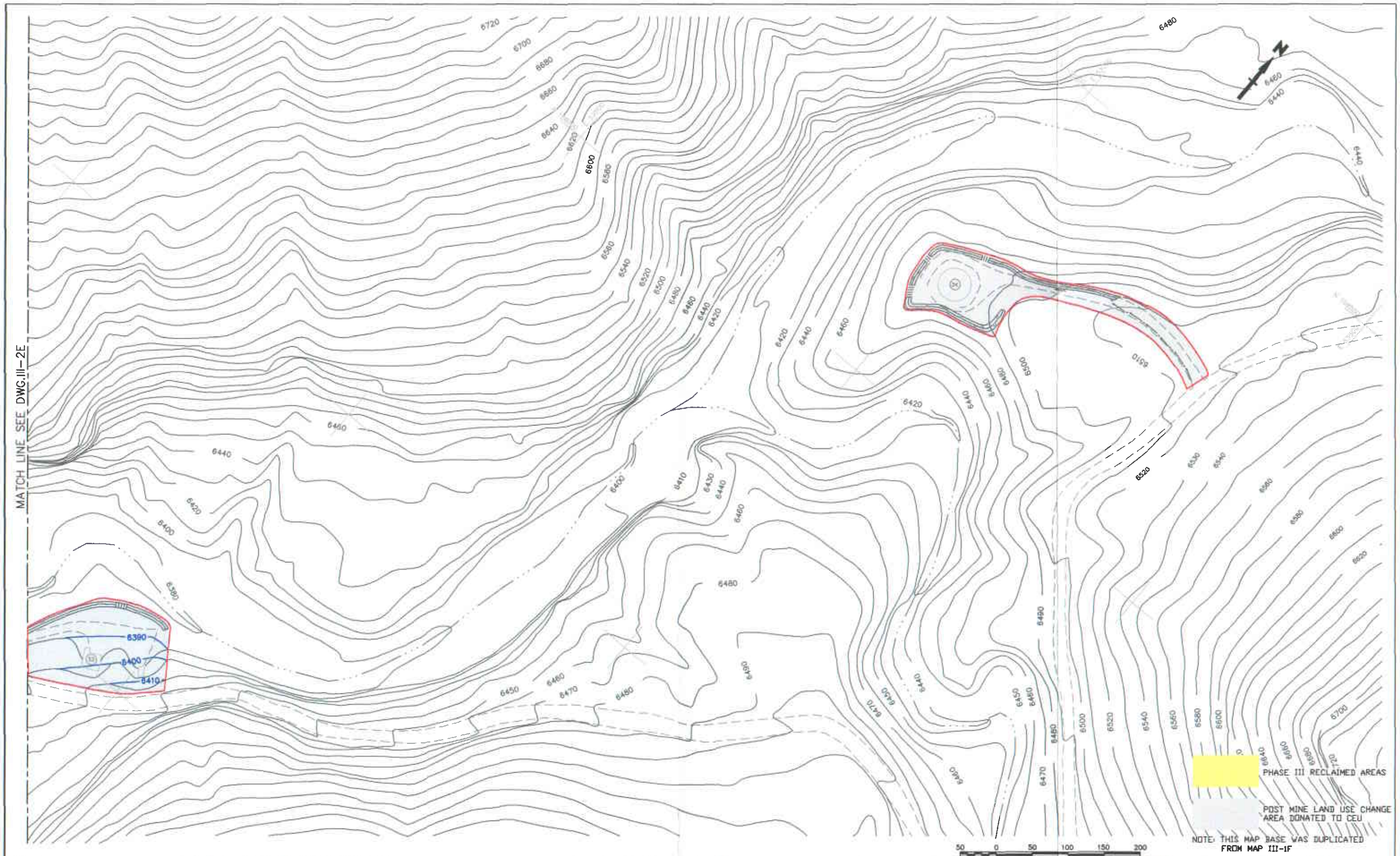
SCALE: 1"=50'-0"	DATE
DESIGNED BY	
DRAWN BY B.A. GRIMES	10-28-00
CHECKED BY	
APPROVED BY	
APPROVED BY	
SCALE MAP	

UTAHAMERICAN ENERGY, INC.
P.O. BOX 986, PRICE, UTAH 84501

HANSEN, ALLEN & LUCE, INC
Engineers

PHASE III BOND RELEASE AREAS
HORSE CANYON MINE

JOB NO. 304.01.100 | DWG.NO. III-2E



NO	DATE	REVISION	BY	APP

PROFESSIONAL SEAL: REGISTERED PROFESSIONAL ENGINEER — R. JAY MARSHALL — STATE OF UTAH

1. FOR LEGEND SEE PLATE V-3, VOL. 3.
2. TOPO BASED ON 1986 AERIAL PHOTO BY INTER MOUNTAIN TECHNICAL SERVICES, INC. OF GRAND JUNCTION, COLORADO.
3. DATUM IS MSL.
4. COORDINATE SYSTEM IS KAISER STEEL LOCAL.
5. INTERIM AND FINAL RECLAMATION TOPOGRAPHY DESIGNED AND DEVELOPED BY KF KAISER ENGINEERS, INC., 1990-1997.
6. COMPLIANCE TOPOGRAPHY DESIGN AND DEVELOPMENT VERIFIED AND PREPARED BY EARTHFAX ENGINEERING INC.

NOTES

SCALE: 1"=50'-0"

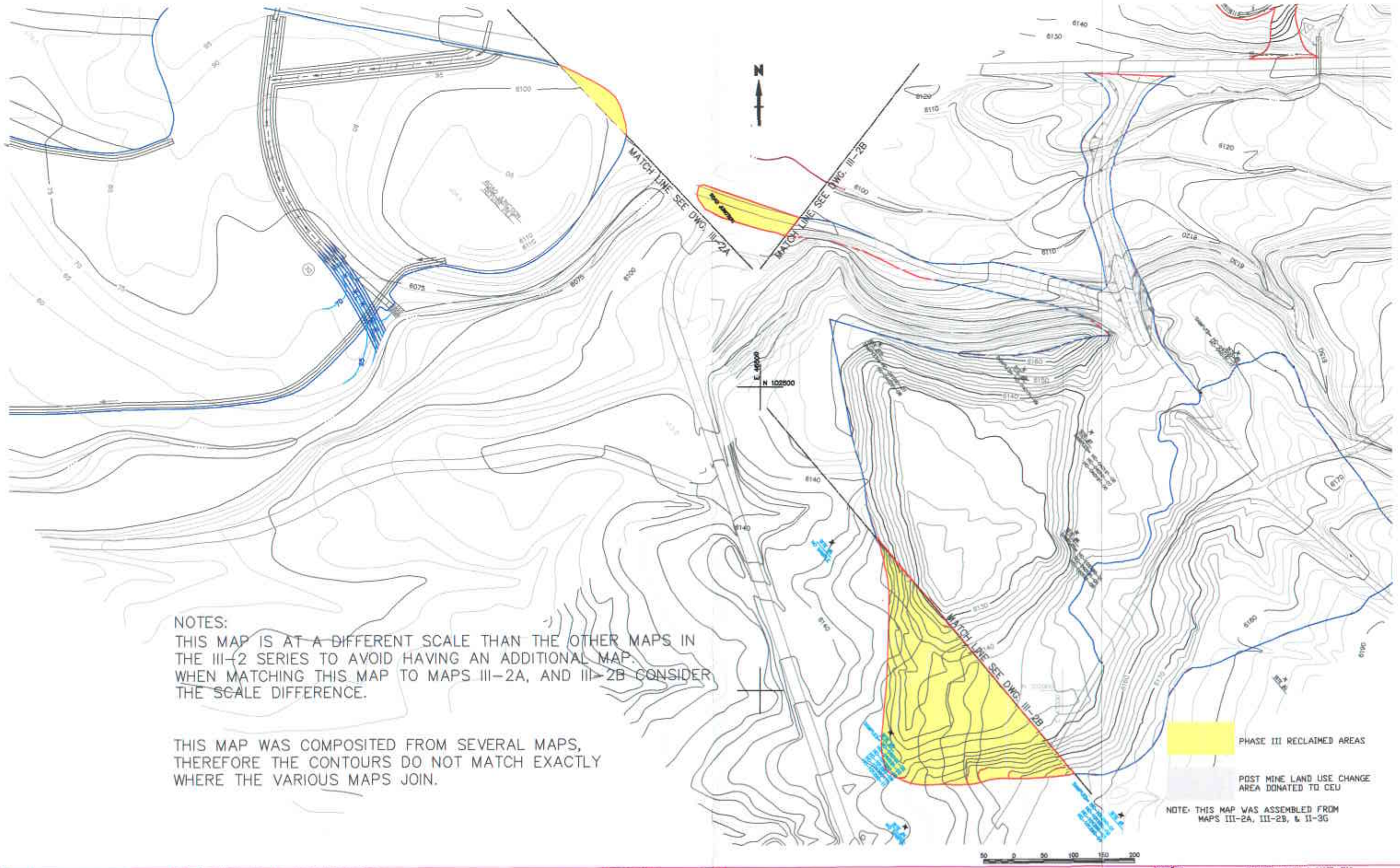
		DATE
DESIGNED		
DRAWN	B.A. GRIMES	10-25-05
CHECKED		
APPROVED		
APPROVED		

UTAHAMERICAN ENERGY, INC.
P.O. BOX 986, PRICE, UTAH 84501

HANSEN, ALLEN & LUCK, INC
Engineers

PHASE III BOND RELEASE AREAS
HORSE CANYON MINE

JOB NO. 304.01.100 | DWG.NO. III-2F



NOTES:
THIS MAP IS AT A DIFFERENT SCALE THAN THE OTHER MAPS IN THE III-2 SERIES TO AVOID HAVING AN ADDITIONAL MAP. WHEN MATCHING THIS MAP TO MAPS III-2A, AND III-2B CONSIDER THE SCALE DIFFERENCE.

THIS MAP WAS COMPOSITED FROM SEVERAL MAPS, THEREFORE THE CONTOURS DO NOT MATCH EXACTLY WHERE THE VARIOUS MAPS JOIN.

NO	DATE	REVISION	BY	APP

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HORSE CANYON MINE

JOB NO. 304.01.100 | DWG.NO. III-2G

Appendix III-1-5

Horse Canyon Vegetation Survey 2003

Horse Canyon Vegetation Survey - 2003

Submitted by
Mike King, Ph.D.

April 15, 2004

Abstract

A vegetation inventory was conducted on 6 revegetation sites on the Horse Canyon Mine property between June and August, 2003. Data were collected regarding percent cover, percent cover by species, and woody plant density at each site. Data were also collected from a reference site located on Bureau of Land Management property adjacent to mine property. Revegetated sites were compared to the reference area with respect to cover and woody plant density to determine similarity. All sites cover averages exceed the cover average for the reference site and should be judged to have satisfactorily exceeded minimum requirements with respect to cover. Woody plant density in all revegetated sites exceeded woody plant density in the reference area. Species diversity was also higher in all revegetated areas when compared to the reference area.

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Introduction

In June of 2003, Dr. Mike King was contacted by UtahAmerican Energy about conducting a vegetation survey on revegetated sites of the Horse Canyon mine site located in eastern Carbon and Emery counties. Meetings were held between Dr. King and Utah American Energy and the Utah Division of Oil, Gas and Mining to discuss and determine the scope of the project. Fieldwork was initiated in June and continued through August 2003. The purpose of the study was to document vegetation condition of a reference area and 6 representative revegetated sites on the Horse Canyon Mine property. It also was conducted to fulfill the sampling requirement for year 9 of reclamation and to substantiate that the vegetation requirements were met for Phase II bond release.

The project was to include vegetation surveys of 6 revegetated sites and a reference area established in 1985 according to Utah Division of Oil, Gas, and Mining (DOGM) permitting requirements. Data collection was to include percent cover, percent cover by species, woody plant density, and species diversity for each site. Similarity indices were to be calculated between revegetated sites and the reference area to determine if the revegetation efforts have satisfactorily met prescribed revegetation standards determined as part of the Horse Canyon Mine reclamation plan.

Vegetative cover was also determined for 5 sloped areas within the revegetated sites. Data from these sites is detailed in Appendix 5.

The information below includes summary and analyses of these vegetation surveys.

Materials and Methods

Six revegetation sites were selected for analysis based on previous survey work conducted on the mine property in 1995 (Table 1). These areas were selected based on revegetation treatment, slope, aspect, and general topographic similarities. The sites correspond to reclamation treatment areas in the horse Canyon Mine reclamation plan. The reference area, located adjacent to the Horse Canyon mine property on Bureau of Land Management land, was selected several years ago as the revegetation plan was established. The Vegetation Surveys were carried out according to the Division of Oil, Gas and Mining (DOGM) vegetation sampling methods (February 1992 Revised DOGM Vegetation Information Guidelines). Data collected during the surveys were used to determine ground cover, cover by species, and woody plant density. A comparison of the reference areas and revegetated areas was made to determine similarity of the 2 areas.

Table 1. Horse Canyon Vegetation Survey Sites*	
Site Number	**Description**
3	North-facing slope
6	South-facing slope
7	Rabbitbrush treatment; South-facing slope
11,13,14	Flat topography near canyon mouth
16	Borrow pit area
15, 17	Former refuse pile and landfill area
Reference Area	Mature Pinon - Juniper Woodland

* See Appendix 3 for photographs of each site

Percent Cover

The point-intercept method was used to sample cover. A total of 15 - 100 ft sampling transects were run at each revegetation site to determine percent cover. Transects were located using coordinates selected from a random number table. Coordinates were paced off and a compass direction was selected using the random number table as well. Once transect start point and compass direction were established, investigators laid out a 100 ft tape in the appropriate direction and then walked the length of the tape to record vegetation. Investigators took samples at 2ft intervals along the length of the tape. A total of 50 points were recorded for each transect. Similar methods were used in the reference area except 30 transects were run rather than 15.

Cover categories included: 1) Physical Features including a) bare ground (rock or soil material less < 12 inches in diameter), b) litter (dead plant material lying on ground surface), c) rock (rock material >12 inches in diameter), 2) Cryptobiotic Soil, 3) Vegetation including a) shrubs b) forbs and succulents (cactus species), c) grasses, and d) trees. When possible, plants were identified to species level. Points were selected by viewing the transect at 2 foot intervals with an ocular viewing device with cross hairs. When there was an overhead canopy, verticle projections were made above the 100 ft tape to include the highest level of vegetation in the sample.

Adequacy of sample size was determined as per DOGM guidelines (DOGM 1992); see

Table 2. Sample adequacy for cover was met at the 90% confidence level with a 10% change in the mean as required by DOGM. Thirty transects were run in the reference area to meet the sample adequacy of 27 and to be consistent with the vegetation surveys conducted in year 5.

Table 2. Minimum sample sizes		
Area	**Cover**	**Woody Plant Density**
Reference	27.06	171.24
3	1.66	32.64
6	3.93	10.18
7	10.48	74.56
11/13/14	3.16	40.04
15/17	6.36	25.51
16	9.36	34.67

Woody Plant Density

Woody plant densities were estimated using the belt transect method (DOGM 1992). A total of 15 - 100 ft X 10ft transects were run in each area to determine woody plant density. Transects were located using coordinates selected from a random number table. Coordinates were paced off and a compass direction was selected using the random number table as well. Once transect start point and compass direction were established, investigators walked the length of the transect and recorded species of all individual shrubs rooted in each belt. Total number of plants per acre was calculated using DOGM guidelines. Minimum sample sizes for adequacy ranged from 10 to 171 (Table 2). To keep sampling consistent and avoid excessive disturbance to sites, shrub densities were estimated using the minimum of 15 transects as was done in the year 5 Vegetation Survey.

Similarity

Similarity of revegetated sites and the reference area with respect to species composition was determined using the Jaccard's Community Coefficient (DOGM

1992).

Species Diversity

Species diversity lists were compiled based on data collected during cover sampling.

Results

The survey was conducted during one of the driest years in recent history. Annual precipitation at the Sunnyside City Center weather station (approximately 7 miles north of Horse Canyon) and the Price Warehouses weather station (approximately 30 miles west of horse Canyon) was below long-term averages for both sites. The precipitation for the 2003 water year (Oct 1, 2002-Sept 31,2003) was 10.53 inches compared to the 30 year average of 13.87 inches. Similarly annual precipitation for the Price Warehouses station for the 2003 water year was 5.96 inches compared to a 25 year average of 9.3 inches (Utah Climate Center records, Utah State University, Logan, Utah). This pattern is typical of most regions in Utah due to several years of drought throughout the state. This prolonged period of reduced moisture has no doubt had an effect on plant production and survival throughout the state and the eastern Utah area.

Though plant growth was likely limited during the year, there were no signs of disease or insect damage and plants generally appeared to be in good health. Sagebrush die-off as seen around the Price, Utah area was not detected. Moderate numbers of Mormon Crickets were observed above the mine site and the revegetated areas, but none were observed in either the reference area or revegetated areas.

All areas including the reference area had been used during the previous year to some degree by livestock. Cattle sign was found in all areas, though the use was not extensive. Plants showed no signs of overgrazing. It is assumed that the used was limited to the few days livestock operators in the area moved their cattle to and from summer range in the Range Creek area. Mule deer sign was also observed in all revegetated areas as well as the reference area. Chukar partridges were heard in or near area 16 and also near area 15/17.

Percent Cover

Reference Area

Cover data for the Horse Canyon reference area are included in Table 3 (data for each transect are included in Appendix 1). The average vegetation cover for the

Reference area was 32.83%. The vegetative component was comprised of 62.70% trees, 32.10% grasses, 3.00% percent shrubs, and 2.20% forbs and succulents (for relative percent vegetation for each transect see Appendix 1).

Table 3. Horse Canyon Average Cover Summary

Cover Type	Area						
	Ref	3	6	7	11,13,14	15,17	16
Shrubs	1.00	33.07	33.60	49.87	24.80	34.27	15.73
Forbs	0.73	6.53	0.93	1.6	1.33	1.20	8.40
Grasses	10.53	46.53	54.53	25.87	42.80	41.87	42.13
Trees	20.57	0	0	0	0	0	0
Total Vegetation	32.83	86.13	89.07	77.33	72.53	77.33	66.27
Cryptobiotic	5.4	0.13	0.53	0	0.53	0	0.13
Physical Features	60.60	13.73	10.13	22.27	26.93	22.67	33.60

Area 3

The average vegetation cover for Area 3 was 86.13%. The vegetative component was comprised of 38.40% shrubs, 7.60% forbs and succulents, and 54.00% grasses, (Appendix 1; for relative percent vegetation for each transect also see Appendix 1.

Area 6

The average vegetation cover for Area 6 was 89.07%. The vegetative component was comprised of 37.70% shrubs, 1.00% forbs and succulents, and 61.20% grasses, Appendix 1; for relative percent vegetation for each transect also see Appendix 1).

Area 7

The average vegetation cover for Area 7 was 77.33%. The vegetative component was comprised of 64.50% shrubs, 2.10% forbs and succulents, and 33.50% grasses, (Appendix 1; for relative percent vegetation for each transect also see Appendix 1).

Area 11,13,14

The average vegetation cover for Area 11/13/14 was 72.53%. The vegetative component was comprised of 34.20% shrubs, 1.80% forbs and succulents, and 59.00% grasses, (Appendix 1; for relative percent vegetation for each transect also see Appendix 1).

Area 15,17

The average vegetation cover for Area 15/17 was 77.33%. The vegetative component was comprised of 42.00% shrubs, 1.60% forbs and succulents, and 54.10% grasses, (Appendix 1; for relative percent vegetation for each transect also see Appendix 1).

Area 16

The average vegetation cover for Area 16 was 66.27%. The vegetative component was comprised of 23.70% shrubs, 12.70% forbs and succulents, and 63.00% grasses, (Appendix 1; for relative percent vegetation for each transect also see Appendix 1).

In order to meet the revegetation plan success standard, 90% of undisturbed reference area, each site should meet or exceed 24.90% cover. Since all sites cover averages exceed the minimum requirement, it should be judged that the treatments have been satisfactory with respect to percent cover.

Woody Plant Density

Woody plant density data for the Horse Canyon reference area are included in Table 4 (data for each transect are included in Appendix 2).

Table 4. Horse Canyon Woody Plant Densities

Area	Average	90% Confidence Interval
Reference	659.21	518.17 - 800.25
3	1957.30	1687.32 - 2227.28
6	3891.36	3591.86 - 4190.86
7	5180.74	4101.85 - 6295.63
11/13/14	1771.41	1501.08 - 2041.74
15/17	2625.22	2305.44 - 2945.00
16	2883.67	2474.20 - 3293.14
Revegetated Areas Average	2709.84	2080.13 - 3339.55

Reference Area.

The Reference area was the least populated area with respect to woody plants. Including tree species, stems/acre ranged from 87.12 to 1132.56, with an average of 659.21 (90% confidence intervals are also listed in Table 4). The most predominant woody plants in the Reference area were Snakeweed (*Gutierrezia sarothrae* - 363 stems/acre, 55.1%) and Utah Juniper (*Juniperus osteosperma* - 246 stems/acre, 37.3%).

Area 3.

Area 3 had an average stems/acre of 1957.30 (90% confidence intervals are listed in Table 4). Individual transect values ranged from 1219.68 - 3441.24. The site was dominated by Sagebrush (*Artemisia tridentata* - 676.63 stems/acre, 34.6%), Four Wing Saltbush (*Atriplex canescens* - 662.11 stems/acre, 33.8%), and Douglas Rabbitbrush (*Chrysothamnus viscidiflorus* - 482.06 stems/acre, 24.6%).

Area 6.

Area 6 had an average stems/acre of 3891.36 (95% confidence intervals are listed in Table 4). Individual transect values ranged from 2744.28 - 4922.28. The site was dominated by Sagebrush (*Artemisia tridentata* - 1655.28 stems/acre, 42.5%), Four Wing Saltbush (*Atriplex canescens* - 1228.39 stems/acre, 31.6%), and Douglas Rabbitbrush (*Chrysothamnus viscidiflorus* - 537.24 stems/acre, 13.8%).

Area 7.

Area 7 had an average stems/acre of 5180.74 (95% confidence intervals are listed in Table 4). Individual transect values ranged from 1873.08 - 11369.16. The site was dominated by Sagebrush (*Artemisia tridentata* - 3746.16 stems/acre, 72.3%) and Four Wing Saltbush (*Atriplex canescens* - 816.02 stems/acre, 15.8%).

Area 11,13,14.

Area 11/13/14 had an average stems/acre of 1771.44 (95% confidence intervals are listed in Table 4). Individual transect values ranged from 261.36 - 2482.92. The site was dominated by Sagebrush (*Artemisia tridentata* - 418.18 stems/acre, 23.6%) and Four Wing Saltbush (*Atriplex canescens* - 1097.71 stems/acre, 62.0%).

Area 15,17.

Area 15/17 had an average stems/acre of 2625.22 (95% confidence intervals are listed in Table 4). Individual transect values ranged from 1873.08 - 4181.76. The site was dominated by Sagebrush (*Artemisia tridentata* - 1193.54 stems/acre, 45.5%) and Four Wing Saltbush (*Atriplex canescens* - 1013.50 stems/acre, 38.6%).

Area 16.

Area 16 had an average stems/acre of 2883.67 (95% confidence intervals are listed in Table 4). Individual transect values ranged from 1418.04 - 4094.64. The site was dominated by Sagebrush (*Artemisia tridentata* - 1405.54 stems/acre, 48.7%) and Four Wing Saltbush (*Atriplex canescens* - 958.32 stems/acre, 33.2%).

Average of all Treatment Areas

An average was calculated combining data for all treatment areas. The average woody plant stems/acre when considering all treatment areas was 2709.84. Calculation of a

90% confidence interval indicates that we can be 90% confident that the acutal mean of the population lies between 2080.13 - 3339.55 stems/acre.

With respect to woody plant density, only 2 sites clearly exceeded the standard of 3000 stems/acre established in the revegetation plan for the Horse Canyon area. Area 6 (3891.36) and Area 7 (5180.74) clearly exceeded the 3000 stems/acre standard. Area 15/17 and Area 16 were relatively close to the standard with 90% confidence that the actual mean falls between 2325.22-2945.00 and 2474.20-3293.14 respectively. Areas 3 (1957.30) and 11/13/14 (1771.41) both have averages below 2000. However, when compared to the Reference area (659.21), even areas 3 and 11/13/14 far exceed the undisturbed site with respect to woody plants/acre. Given these data, the woody plant density treatments should be characterized as relatively successful.

Species Diversity

Lists of species for the Reference area and each of the revegetation sites is listed in Table 5. All comparisons show more total species in each of the revegetated sites than in the Reference area.

Table 5. Species Lists for Horse Canyon Inventory Area

Species	Site						
	Ref.	3	6	7	11, 13,14	15/ 17	16
Shrubs							
Artemisia nova			x	x			
Artemisia tridentata		x	x	x	x	x	x
Atriplex canescens		x	x	x	x	x	x
Atriplex confertifolia					x	x	x
Ceratoides lanata			x		x	x	x
Chrysothamnus nauseosus		x	x	x	x	x	x
Chrysothamnus viscidiflorus		x	x	x	x	x	x
Cowania mexicana	x			x			
Ephedra viridis	x						
Gutierrezia sarothrae	x			x			
Sarcobatus vermiculatus					x	x	

Forbs & Succulents							
Echinocereus triglochidiatus	x						
Medicago sativa		x	x	x	x	x	x
Meliotus officinalis		x	x		x	x	
Penstemon palmeri		x	x	x			x
Euphorbia fendleri	x				x	x	
Sisymbrium altissimum			x	x			
Sphaeralcia coccinea	x			x			
Grasses							
Agropyron cristatum		x	x		x	x	x
Agropyron smithii			x	x	x	x	
Agropyron spicatum		x	x	x	x	x	x
Bromus inermis			x		x	x	
Bromus japonicus		x	x		x	x	
Bromus tectorum	x	x	x	x	x	x	x
Elymus cinereus		x	x		x	x	
Elymus gigantius			x		x	x	x
Elymus salinus	x	x	x	x	x	x	
Hilaria jamesii	x						
Oryzopsis hymenoides		x	x	x	x	x	x
Sitanion hystrix		x	x		x	x	x
Stipa comata				x	x	x	
Vulpia octaflora	x	x			x	x	
Trees							
Juniperus osteosperma	x						
Pinus edulis	x						
Total Species in each area	12	16	21	17	23	20	14

Also in each revegetation site there were more species with greater than 5% cover than in the Reference area. The Reference area had a total of 12 species with 2 species, Utah juniper (17%) and Salina wild rye (7%), with percent cover greater than 5%. *Only 2 species, 1 tree and 1 grass, exceeded 5%.*

Area 3 had a total of 16 species with 5 species, Bluebunch wheatgrass (29.2%), Fourwing saltbush (13.3%), Big sagebrush (13.3%), Basin wild rye (7.1%), and Douglas rabbitbrush (5.1%), with percent cover greater than 5%. *Five species, 3 shrubs and 2 grasses, exceeded 5%.*

Area 6 had a total of 21 species with 5 species, Cheat grass (27.1%), Bluebunch wheatgrass (22.9%), Fourwing saltbush (18.9%), Big sagebrush (9.9%), and Douglas rabbitbrush (5.5%), with percent cover greater than 5%. *Five species, 3 shrubs and 2 grasses (one of the grasses was the undesirable Cheat grass), exceeded 5%.*

Area 7 had a total of 17 species with 4 species, Cheat grass (22.1%), Bluebunch wheatgrass (22.0%), Fourwing saltbush (12.4%), and Big sagebrush (24.9%), with percent cover greater than 5%. *Four species, 2 shrubs and 2 grasses (one of the grasses was the undesirable Cheat grass), exceeded 5%.*

Area 11/13/14 had a total of 23 species with 4 species, Cheat grass (15.7%), Bluebunch wheatgrass (20.8%), Fourwing saltbush (14.1%), and Big sagebrush (5.7%), with percent cover greater than 5%. *Four species, 2 shrubs and 2 grasses (one of the grasses was the undesirable Cheat grass), exceeded 5%.*

Area 15/17 had a total of 20 species with 4 species, Cheat grass (19.1%), Bluebunch wheatgrass (18.9%), Fourwing saltbush (14.1%), and Big sagebrush (15.1%), with percent cover greater than 5%. *Four species, 2 shrubs and 2 grasses (one of the grasses was the undesirable Cheat grass), exceeded 5%.*

Area 16 had a total of 14 species with 4 species, Cheat grass (6.5%), Bluebunch wheatgrass (28.5%), Fourwing saltbush (5.6%), and Alfalfa (6.7%), with percent cover greater than 5%. Four species, 1 shrub, 2 grasses *(one of the grasses was the undesirable Cheat grass)*, and 1 forb (alfalfa), exceeded 5%.

Species diversity with respect to percent cover by species is recorded in Table 6 for each site.

Table 6. Species Diversity Tables			
Reference Area (12 total species)		**Area 3 (16 total species)**	
	Species (% cover)		**Species (% cover)**
> 20 %		> 20%	*Agropyron spicatum (29.2)*
10 - 20%	*Juniperus osteosperma (17.0)*	10 - 20%	*Atriplex canescens (13.3)*
			Artemisia tridentata (13.3)
5 - 10 %	*Elymus salinus (7.0)*	5 - 10 %	*Elymus cinereus (7.1)*
			Chrysothamnus viscidiflorus 5.1)
1 - 5%	*Pinus edulis (4.0)*	1 - 5%	*Bromus tectorum (4.1)*
	Bromus tectorum (2.0)		*Medicago satvia (3.5)*
	Gutierezzia sarothrae (1.0)		*Meliotus officianalis (1.6)*
	Hilaria jamesii (1.0)		*Agropyron cristatum (1.5)*
	Sphaeralcia coccinea (1.0)		*Chrysothamnus nauseosus (1.2)*
			Sitanion hystrix (1.1)
< 1%	*Vulpia octaflora (0.3)*	< 1%	*Oryzopsis hymenoides (0.9)*
	Epehdra viridis (0.2)		*Penstemon palmeri (0.8)*
	Euphorbia fendleri (0.1)		*Bromus japonicus (0.3)*
	Cowania mexicana (0.1)		*Elymus salinus (0.3)*
	Echinocereus triglochidiatus (0.1)		*Vulpia octaflora (0.1)*

Table 6. Species Diversity Tables (cont.)			
Area 6 (21 total species)		**Area 7 (17 total species)**	
	Species (% cover)		**Species (% cover)**
> 20 %	*Bromus tectorum (27.1)*	> 20%	*Artemisia tridentata (24.9)*
	Agropyron spicatum (22.9)		*Bromus tectorum (22.0)*
10 - 20%	*Atriplex canescens (12.4)*	10 - 20%	*Atriplex canescens (18.9)*
5 - 10 %	*Artemisia tridentata (9.9)*	5 - 10 %	
	Chrysothamnus viscidiflorus (5.5)		
1 - 5%	*Artemisia nova (1.9)*	1 - 5%	*Chrysothamnus viscidiflorus (4.0)*
	Ceratoides lanata (1.6)		*Agropyron spicatum (2.0)*
			Artemisia nova (1.1)
< 1%	*Elymus cinereus (0.8)*	< 1%	*Stipa comata (0.9)*
	Oryzopsis hymenoides (0.7)		*Elymus salinus (0.7)*
	Chrysothamnus nauseosus (0.5)		*Sisymbrium altissimum (0.5)*
	Penstemon palmeri (0.4)		*Medicago sativa (0.5)*
	Elymus gigantius (0.3)		*Sphaeralicia coccinea (0.3)*
	Elymus salinus (0.3)		*Cowania mexicana (0.3)*
	Sitanion hystrix (0.3)		*Oryzopsis hymenoides (0.3)*
	Sisymbrium altissima (0.3)		*Gutierrezia sarothrae (0.1)*
	Bromus japonicus (0.1)		*Penstemon palmeri (0.1)*
	Bromus inermis (0.1)		*Chrysothamnus nauseosus (0.1)*
	Agropyron cristatum (0.1)		*Agropyron smithii (0.1)*
	Agropyron smithii (0.1)		
	Medicago satvia (0.1)		
	Meliotus officianalis (0.1)		

Table 6. Species Diversity Tables (cont.)			
Area 11/13/14 (23 total species)		**Area 15/17 (20 total species)**	
	Species (% cover)		**Species (% cover)**
> 20 %	*Agropyron spicatum (20.8)*	> 20%	
10 - 20%	*Bromus tectorum (15.7)*	10 - 20%	*Bromus tectorum (19.1)*
	Atriplex canescens (14.1)		*Agropyron spicatum (18.9)*
			Artemisia tridentata (15.1)
			Atriplex canescens (14.1)
5 - 10 %	*Artemisia tridentata (5.7)*	5 - 10 %	
1 - 5%	*Chrysothamnus nauseosus (2.4)*	1 - 5%	*Sarcobatus vermiculatus (2.1)*
	Atriplex confertifolia (1.7)		*Chrysothamnus nauseosus (1.1)*
	Chrysothamnus viscidifloris (1.6)		
	Gutierezzia sarothrae (1.6)		
	Oryzopsis hymenoides (1.3)		
< 1%	*Medicago sativa (0.8)*	< 1%	*Stipa comata (0.9)*
	Ceratoides lanata (0.7)		*Oryzopsis hymenoides (0.8)*
	Agropyron ciristatum (0.7)		*Elymus cinereus (0.7)*
	Elymus cinerius (0.7)		*Medicago sativa (0.7)*
	Agropyron smithii (0.5)		*Elymus salinus (0.5)*
	Elymus gigantius (0.5)		*Ceratoides lanata (0.4)*
	Sitanion hystrix (0.5)		*Meliotus officianalis (0.4)*
	Elymus salinus (0.4)		*Atriplex confertifolia (0.4)*
	Stipa comata (0.4)		*Agropyron smithii (0.3)*
	Vulpia octaflora (0.3)		*Bromus japonicus (0.3)*
	Bromus inermis (0.1)		*Sphaeralcia coccinea (0.1)*
	Bromus japonicus (0.1)		*Gutierrezia sarothrae (0.1)*
	Medicago officianalis (0.1)		*Chrysothamnus viscidifloris (0.1)*
	Euphorbia fendleri (0.1)		*Bromus inermis (0.1)*

Table 6. Species Diversity Tables (cont.)	
Area 16 (14 total species)	
	Species (% cover)
> 20 %	*Agropyron spicatum (28.5)*
10 - 20%	
5 - 10 %	*Medicago satvia (6.7)*
	Bromus tectorum (6.5)
	Atriplex canescens (5.6)
1 - 5%	*Artemisia tridentata (4.7)*
	Chrysothamnus nauseosus (1.6)
	Elymus gigantius (1.2)
	Atriplex confertifolia (1.1)
< 1%	*Penstemon palmeri (0.4)*
	Chrysothamnus viscidifloris (0.1)
	Ceratoides lanata (0.1)
	Oryzopsis hymenoides (0.1)
	Agropyron cristatum (0.1)
	Sitanion hystrix (0.1)

Targets for revegetated areas were to have 3 shrubs, 2 grasses, and 1 forb with % cover above 5%. These targets are not reached with respect to forbs in any area with the exception of Area 16. However, the forb which exceeded 5% cover was alfafa, part of the revegetation seed mixture, but not a native species and probably should not be considered.

Similarity

Comparisons of similarity made between the Reference area and revegetated sites indicates that there are only minor similarities between the revegetated sites and the Reference area (Table 7). Similarity coefficients ranged from 4.0 to 20.8. Similarity is strong when values approach 100. Given the revegetation treatments, it is not surprising

that the areas are dissimilar with respect to species.

Table 7. Similarity Comparisons - Cover

Site	Number of Species in Reference Area	Number of Species in Revegetation Site	Number of Species Common to both	Similarity Coefficient
Area 3	12	16	3	12.0
Area 6	12	21	2	6.5
Area 7	12	17	5	20.8
Area 11/13/14	12	23	3	9.4
Area 15/17	12	20	4	14.3
Area 16	12	14	1	4.0

Areas were also different with respect to overall vegetation cover. In each instance, the revegetated areas were more densely vegetated than the reference area. The average percent cover for the Reference area was 32.83%. Percent vegetation cover for the revegetation sites ranged from 66.27% to 89.07% (Table 3).

References

Anderson, B. Desert Plants of Utah. EC 376. Cooperative Extension Service, Utah State University, Logan, UT. 146 pp.

DOGM 1992. Vegetation Information Guidelines. Utah Division of Oil, Gas, and Mining. Salt Lake City, UT.

Parker, K. G., L. R. Mason, and J. F. Valentine. Utah Grasses. EC 384. Cooperative Extension Service, Utah State University, Logan, UT. 69 pp.

Welsch, S. L. and G. Moore. 1973. Utah Plants. Brigham Young University Press. Provo, UT. 474 pp.

Utah Climate Center. January 2004. Utah State University, Logan, Utah.

Appendix 1

Percent Cover Data

Reference Cover Summary

Cover Type	Transect #														
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Shrubs	0	2	2	0	0	0	2	0	4	4	2	0	2	0	0
Forbs	0	0	0	2	2	0	0	0	16	0	0	0	0	0	0
Grasses	12	26	8	4	8	0	0	6	0	2	14	26	14	4	6
Trees	8	6	10	34	16	46	52	12	0	20	16	6	28	20	18
Total Vegetation	20	34	20	40	26	46	54	18	20	26	32	32	44	24	24
Cryptobiotic	0	8	4	4	6	2	6	0	12	0	4	10	10	2	0
Physical Features	80	58	76	56	52	52	40	82	68	74	64	58	46	74	76

Cover Type	Transect #															Site Average	Std. Dev.
	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30		
Shrubs	2	4	0	0	0	2	0	0	0	2	0	0	0	2	0	1.00	1.36
Forbs	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0.73	2.95
Grasses	10	10	4	12	4	8	4	6	0	54	42	16	4	6	6	10.53	12.19
Trees	18	16	30	12	34	46	34	16	18	0	18	28	26	30 ~~18~~	14	31.07 ~~20.57~~	13.03
Total Vegetation	30	30	34	28	38	56	38	22	18	56	60	46	30	38	20	33.47	12.27
Cryptobiotic	2	2	10	2	4	4	10	16	6	6	4	4	6	10	8	5.4	4.01
Physical Features	68	68	56	70	58	40	52	62	76	38	36	50	64	52	72	60.60	13.08

Reference Area Cover Data

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:1 | UTM:0563574/4398081 | Heading:70

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																				0	0	0
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																																																						
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forbs & Succulents																																																						
Macheeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Sisymbrium altissimum																																																				0	0	0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Graminoid																																																						
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum																																																				0	0	0
Elymus Salinus		1											1								1				1													1													5	10	50
Elymus cinereus																																																				0	0	0
Elymus gigenteous																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				0	0	0
Bromus inermes																											1																									1	2	10
Total Graminoid Cover	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	8	12	60
Trees																																																						
Juniper																																									1			1	1						1	4	8	40
Pinon																																																				0	0	0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	4	8	40
Total Vegetation Cover	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	1	10	20	100
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter							1																																													1	2	
Rock																				1	1			1							1											1						1	1			7	14	
Bare Ground		1		1	1	1		1	1	1	1	1	1		1	1	1	1	1				1		1			1	1	1		1	1	1	1	1	1	1		1			1	1					1	1		32	64	
Total Physical Features																																																				40	80	
	1	3	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	3	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	1	3	1	3	1	1	1	3	3	1	1	1	1	3			
Comments:																																																					100		

Horse Canyon Cover Sheet

Date:8/18/03 | Area:Ref | Transect:2 | UTM:0863648N4388143 | Heading:89

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																		1	1	2	5.882352941
Gutierrezia sarothrae																																																					0
																																																					0
Total Shrube Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	5.882352941
																																																					0
																																																					0
Forbs & Succulents																																																					
Macheranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																			0	0	0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Graminoid																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			3	8	17.64705882
Elymus Salinus		1	1							1																																									10	20	58.82352941
Elymus cinereus				1									1	1	1				1	1		1													1	1	1														0	0	0
Elymus gigenteus																																																			0	0	0
Galeta Grass																																																			0	0	0
Hilaria Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	1	1	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	26	76.47058824
Trees																																																					0
Juniper																																																					0
Pinon								1	1																																			1							3	8	17.64705882
																																																			0	0	0
Total Tree Cover																																																					0
	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	8	17.64705882
Total Vegetation Cover																																																					0
	0	1	1	1	0	0	0	1	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	17	34	100
Cryptobiotic																																																					
																																						1								1	1	1			4	8	
Physical Features																																																					
Litter																																																					
Rock							1												1								1	1	1	1	1	1	1									1			1				1		12	24	
Bare Ground						1					1											1			1													1			1	1									7	14	
	1				1							1				1	1							1		1	1												1					1						10	20	
Total Physical Features																																																					
																																																			29	58	
Comments:	1	3	3	3	1	1	1	3	3	3	1	1	3	3	3	1	1	1	3	3	1	3	1	1	1	1	1	1	1	1	1	1	1	3	3	3	1	1	1	1	1	1	1	3	1	1	1	1	1	3			
																																																				100		

Horse Canyon Cover Sheet

Date:8/16/03 | Area:Ref | Transect:2 | UTM:[illegible] | Heading:[illegible]

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																		1	1	2	5.882352941
Gutierrezia sarothrae																																																					0
																																																					0
Total Shrube Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	5.882352941
																																																					0
Forbs & Succulents																																																					0
Macheeranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																			0	0	0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Graminoid																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			3	8	17.64705882
Elymus Salinus		1	1							1																																									10	20	58.82352941
Elymus cinereus				1									1	1	1					1	1		1												1	1	1														0	0	0
Elymus giganteous																																																			0	0	0
Hilaria Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	1	1	1	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	26	76.47058824
																																																					0
Trees																																																					0
Juniper								1	1																																			1								3	6	17.64705882
Pinon																																																			0	0	0
																																																					0
Total Tree Cover	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	6	17.64705882
																																																					0
Total Vegetation Cover	0	1	1	1	0	0	0	1	1	1	0	0	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	17	34	100
Cryptobiotic																																							1							1	1	1			4	8	
Physical Features																																																					
Litter																																																					
Rock								1											1								1	1	1	1	1	1										1			1				1		12	24	
Bare Ground							1				1											1			1												1				1	1									7	14	
	1				1								1				1	1						1		1	1												1					1						10	20	
Total Physical Features																																																				29	58	
Comments:	1	3	3	3	1	1	1	3	3	3	1	1	3	3	3	1	1	1	3	3	1	3	1	1	1	1	1	1	1	1	1	1	3	3	3	1	1	1	1	1	1	1	1	3	1	1	1	1	1	3			
																																																					100

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:3 | UTM:0863634/4388080 | Heading:282

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																				0	0	0
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Coleria mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																					1																															1	2	10
																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	10
																																																					0
																																																					0
Forbs & Rosulants																																																				0	0	0
Macheranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Sisymbrium altissimum																																																						0
																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
																																																						0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum																	1	1																																		3	6	30
Elymus Salinus																																																				0	0	0
Elymus cinereus																																																				0	0	0
Elymus giganteus																											1																									1	2	10
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Stipa comata																																																				0	0	0
																																																						0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	40
																																																						0
																																																						0
Trees																																																						
Juniper				1	1	1																																										1	1		5	10	50
Pinon																																																				0	0	0
																																																						0
Total Tree Cover	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5	10	50
																																																						0
Total Vegetation Cover	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	10	20	100
Cryptobiotic																				1																		1														2	4	
Physical Features																																																						
Litter							1																											1			1			1	1		1	1	1	1					9	18	
Rock	1									1							1												1																			1	1			6	12	
Bare Ground		1					1		1	1		1	1	1	1	1					1		1	1	1	1	1			1	1	1	1		1	1			1				1									23	46	
																																																				38	76	
Total Physical Features																																																						
	1	1	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	3	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3		100	
Comments:																																																						

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:4 | UTM:0663830/4399126 | Heading:137

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																				0	0	0
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																																																						0
																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Forbs & Succulent																																																				0	0	0
Machaeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				1	2	5
Sphaeralcia coccinea	1																																																			0	0	0
Sisymbrium altissimum																																																						0
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5
																																																						0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum																																																				2	4	10
Elymus Salinus										1																								1																		0	0	0
Elymus cinereus																																																				0	0	0
Elymus giganteous																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																						0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	10
																																																						0
Trees																																																						0
Juniper															1	1	1	1	1	1	1	1														1	1	1	1	1	1	1					1				15	30	75
Pinon																																												1	1							2	4	10
																																																						0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	17	34	85
																																																						0	0	0
Total Vegetation Cover	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	20	40	100
Cryptobiotic																								1																											1	2	4	
Physical Features																																																						
Litter				1																														1		1														3	6	
Rock					1																							1	1																				1			4	8	
Bare Ground		1	1			1	1	1	1	1		1	1	1	1										1	1	1			1	1	1	1										1	1				1		1		21	42	
																																																				28	56	
Total Physical Features																																																						
	3	1	1	1	1	1	1	1	1	1	3	1	1	1	1	3	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	3	1	3	3	3	3	3	3	1	1	3	3	3	1	1	1	1		100	

Comments:

Horse Canyon Cover Sheet

Date:5/16/03 | Area:Ref | Transect:6 | UTM:0663618/4389139 | Heading:161

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Coleria mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																					0
																																																					0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forbs																																																			0	0	0
Machaeranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea				1																																															1	2	7.692307692
Sisymbrium altissimum																																																			0	0	0
																																																					0
Total Forb Cover	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7.692307692
																																																					0
Graminoid																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			0	0	0
Elymus Salinus									1	1	1	1																																							4	8	30.76923077
Elymus cinereus																																																			0	0	0
Elymus giganteous																																																			0	0	0
Hilaris Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	30.76923077
																																																					0
Trees																																																					0
Juniper																																						1	1	1			1	1	1	1	1				8	16	61.53846154
Pinon																																																			0	0	0
																																																					0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	8	16	61.53846154
																																																					0
Total Vegetation Cover	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	13	26	100
Cryptobiotic	1																1	1																																		3	6	
Physical Features																																																					
Litter																																					1														1	2	
Rock																			1												1					1						1	1					1		1	7	14	
Bare Ground		1	1		1	1	1	1					1	1	1	1				1	1	1	1	1	1	1	1	1	1		1	1	1	1														1		20	52	
																																																				34	68	
Total Physical Features																																																					
	1	1	1	3	1	1	1	1	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	1	1	3	3	3	3	3	1	1	1		100	

Comments:

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:8 | UTM:0863638/4388070 | Heading:3

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																			0	0	0
																																																					0
																																																					0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
																																																					0
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Steymbrium allissimum																																																			0	0	0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Graminoid																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			0	0	0
Elymus Salinus																																																			0	0	0
Elymus cinereus																																																			0	0	0
Elymus gigantaeus																																																			0	0	0
Hilaria Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Trees																																																					0
Juniper				1	1	1	1																									1	1	1	1	1	1					1	1	1							13	26	56.52173913
Pinon												1	1	1	1	1	1			1	1	1	1																												10	20	43.47826087
																																																				0	0	0
Total Tree Cover	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	23	46	100
																																																					0
Total Vegetation Cover	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	23	46	100
Cryptobiotic											1																																								1	2	
Physical Features																																																			0	0	
Litter	1		1							1								1	1																															5	10	
Rock																									1	1	1	1																	1	1	1	1	1	1	10	20	
Bare Ground		1						1	1																				1	1	1	1						1	1	1	1										11	22	
Total Physical Features																																																			38	52	
	1	1	1	3	3	3	3	1	1	1	1	3	3	3	3	3	3	1	1	3	3	3	3	1	1	1	1	1	1	1	1	3	3	3	3	3	3	1	1	1	1	3	3	3	1	1	1	1	1	1			
Comments:																																																				100	

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:7 | UTM:0583648/4388080 | Heading:300

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis	1																																																		1	2	3.703703704
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																			0	0	0
																																																				0	0
																																																					0
Total Shrubs Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.703703704
																																																					0
Forbs & Succulents																																																					0
Macheeranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																			0	0	0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Graminoid																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			0	0	0
Elymus Salinus																																																			0	0	0
Elymus cinereus																																																			0	0	0
Elymus gigenteous																																																			0	0	0
Hilaria Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Trees																																																					0
Juniper							1	1						1	1	1	1	1	1	1	1		1	1	1	1	1	1				1	1	1										1	1	1	1	1	1	1		26	52	96.2962963
Pinon																																																				0	0	0
																																																					0
Total Tree Cover	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	26	52	96.2962963
																																																					0
Total Vegetation Cover	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	27	54	100
Cryptobiotic																															1				1					1											3	6	
Physical Features																																																					
Litter																																																			0	0	
Rock			1		1			1																				1								1	1	1												7	14	
Bare Ground		1		1					1	1	1	1									1								1					1				1	1	1									1	13	26	
Total Physical Features																																																			20	40	
	3	1	1	1	1	3	3	1	1	1	1	1	3	3	3	3	3	3	3	3	1	3	3	3	3	3	1	1	1	3	3	3	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	1			
Comments:																																																				100	

Horse Canyon Cover Sheet

Date:8/18/03 | Area:Ref | Transect:9 | UTM:0563863/4368006 | Heading:79

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetagtive Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forbs & Succulents																																																				0	0	0
Machaeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Sisymbrium altissimum																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum															1			1			1																															3	6	33.33333333
Elymus Salinus																																																				0	0	0
Elymus cinereus																																																				0	0	0
Elymus giganteous																																																				0	0	0
Galeta Grass																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																						0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	33.33333333
Trees																																																				2	4	22.22222222
Juniper																						1			1																											4	8	44.44444444
Pinon																				1												1									1	1												0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	6	12	66.66666667
Total Vegetation Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	9	18	100
Cryptobiotic																																																					0	
Physical Features																																																						
Litter																											1						1							1							1		1			5	10	
Rock			1	1										1		1	1																	1					1						1					8	16	
Bare Ground	1	1			1	1	1	1	1	1	1	1	1						1				1	1		1		1	1	1	1				1	1	1	1					1	1		1		1		1	1	28	56	
Total Physical Features																																																				41	82	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	3	1	3	3	3	1	1	3	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	1			
Comments:																																																					100	

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:9 | UTM:0663679/4389109 | Heading:288

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				2	4	20
Sarcobatus vermiculatus													1	1																																						0	0	0
Gutierrezia sarothrae																																																						0
																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	20
																																																						0
Forbs & Succulents																																																						0
Macheeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Medicago L																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																						1		1	1						1		1								1	1	1								8	16	80
Sisymbrium altissimum																																																				0	0	0
																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	8	16	80
																																																						0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum																																																				0	0	0
Elymus Salinus																																																				0	0	0
Elymus cinereus																																																				0	0	0
Elymus gigenteous																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				0	0	0
																																																						0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Trees																																																						0
Juniper																																																				0	0	0
Pinon																																																				0	0	0
																																																				0	0	0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Total Vegetation Cover	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	10	20	100
																																																					0		
Cryptobiotic										1	1	1			1			1	1																																	6	12	
Physical Features																																																						
Litter																																																				0	0	
Rock			1	1												1																	1																1		5	10	
Bare Ground	1	1			1	1	1	1	1									1			1	1		1			1	1	1	1	1				1	1	1	1	1	1	1				1	1	1	1	1		1	29	58	
Total Physical Features																																																				34	68	
	1	1	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	1	1	1	1	3	1	3	3	1	1	1	1	1	3	1	3	1	1	1	1	1	1	1	3	3	3	1	1	1	1	1	1	1			
Comments:																																																					100	

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:10 | UTM:0583616/4388089 | Heading:276

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																															1		1																			2	4	15.38461538
																																																						0
																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	15.38461538
																																																						0
																																																						0
Forbs & Succulents																																																						
Macheranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Stysmbrium altissimum																																																				0	0	0
																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Graminoid																																																						0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum																																																				0	0	0
Elymus Salinus																												1																								1	2	7.692307692
Elymus cinereus																																																				0	0	0
Elymus gigantecus																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				0	0	0
																																																						0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	7.692307692
																																																						0
Trees																																																						0
Juniper																																							1	1	1	1	1	1			1	1	1	1	10	20	76.92307692
Pinon																																																				0	0	0
																																																						0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	10	20	76.92307692
																																																					0	0	0
Total Vegetation Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	13	26	100
Cryptobiotic																																																				0	0	
Physical Features																																																					
Litter	1																	1																												1					3	6	
Rock				1	1																																															2	4	
Bare Ground		1	1				1	1	1	1	1	1	1	1	1	1	1		1	1	1	1	1	1	1	1		1	1	1		1		1	1	1	1	1							1					32	64	
Total Physical Features																																																				37	74	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	3	1	3	1	1	1	1	1	3	3	3	3	3	3	1	1	3	3	3	3			
Comments:																																																					100	

Horse Canyon Cover Sheet

Date:8/16/03 | Area:Ref | Transect:11 | UTM:0583623/4369134 | Heading:200

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																																																	1			1	2	6.25
																																																						0
																																																						0
Total Shrube Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	6.25
																																																						0
Forbs & Ihussdents																																																						0
Macheeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Stymbrium allssimum																																																				0	0	0
																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Graminoid																																																						0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum		1																																																		1	2	6.25
Elymus Salinus				1	1	1									1																																1	1			6	12	37.5
Elymus cinereus																																																				0	0	0
Elymus gigenteus																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				0	0	0
																																																				0	0	0
Total Graminoid Cover	0	1	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	7	14	43.75
																																																						0
Trees																																																						0
Juniper																																																				0	0	0
Pinon																										1	1				1	1	1	1	1	1																8	16	50
																																																				0	0	0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	16	50
																																																						0
Total Vegetation Cover	0	1	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	16	32	100
Cryptobiotic								1						1																																						2	4	
Physical Features																																																					
Litter													1						1											1												1								4	8	
Rock																																								1				1	1						3	6	
Bare Ground	1		1				1		1	1	1	1				1	1	1		1	1	1	1	1	1			1	1								1	1		1	1				1	1				1	25	50	
Total Physical Features																																																				32	64	
	1	3	1	3	3	3	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	3	3	1	1	1	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	3	3	3				
Comments:																																																					100	

Horse Canyon Cover Sheet

Date:8/14/03 | Area:Ref | Transect:12 | UTM:0663867/4369171 | Heading:306

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																			0	0	0
																																																					0
																																																					0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Forbs & Succulents																																																					0
Machaeranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcea coccinea																																																			0	0	0
Sisymbrium altissimum																																																			0	0	0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Graminoid																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			0	0	0
Elymus Salinus		1	1		1		1		1				1		1				1								1											1						1		1	1				13	26	81.25
Elymus cinereus																																																			0	0	0
Elymus gigenteus																																																			0	0	0
Hilaria Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	1	1	0	1	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	0	13	26	81.25
																																																					0
Trees																																																					0
Juniper																																																			0	0	0
Pinon																														1				1	1																3	6	18.75
																																																					0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	18.75
																																																					0
Total Vegetation Cover	0	1	1	0	1	0	1	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0	0	1	0	1	1	0	0	0	16	32	100
Cryptobiotic	1			1																																					1	1	1								5	10	
Physical Features																																																					
Litter																																	1			1															2	4	
Rock																1							1	1	1				1																						5	10	
Bare Ground						1		1		1	1	1		1			1	1		1	1	1				1		1			1	1					1		1	1					1			1	1	1	22	44	
Total Physical Features																																																			29	58	
	1	3	3	1	3	1	3	1	3	1	1	1	3	1	3	1	1	1	3	1	1	1	1	1	1	1	3	1	1	3	1	1	1	3	3	1	1	3	1	1	1	1	1	3	1	3	3	1	1	1			
																																																				100	
Comments:																																																					

Horse Canyon Cover Sheet

Date:9/16/03 | Area:Ref | Transect:13 | UTM:0663808/4398099 | Heading:92

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Coleria mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae									1																																											1	2	4.545454545
																																																						0
																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4.545454545
																																																					0
																																																						0
Forbs & Succulents																																																				0	0	0
Macheeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Sisymbrium altissimum																																																						0
																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
																																																						0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum				1	1	1					1		1																																							5	10	22.72727273
Elymus Salinus																																																				0	0	0
Elymus cinereus																																																				0	0	0
Elymus gigenteous																		1	1																																	2	4	9.090909091
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																						0
																																																						0
Total Graminoid Cover	0	0	0	1	1	1	0	0	0	0	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14	31.81818182
																																																						0
																																																						0
Trees																																																						
Juniper																							1	1	1	1	1						1	1	1	1	1	1								1	1	1			14	28	63.63636364
Pinon																																																						0
																																																						0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	14	28	63.63636364
																																																						0
Total Vegetation Cover	0	0	0	1	1	1	0	0	1	0	1	0	1	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	22	44	100
Cryptobiotic		1						1																														1	1		1											5	10	
Physical Features																																																						
Litter																															1															1					2	4	
Rock	1																					1	1									1												1	1						6	12	
Bare Ground			1				1			1		1		1	1	1	1			1								1	1											1		1						1	1	15	30	
0																																																					
Total Physical Features																																																				23	46	
	1	1	1	3	3	3	1	1	3	1	3	1	3	1	1	1	1	3	3	1	1	1	3	3	3	3	3	1	1	1	1	3	3	3	3	3	3	1	1	1	1	1	1	1	1	3	3	3	1	1			
																																																					100
Comments:																																																						

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:14 | UTM:0583677/4368087 | Heading:27

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																				0	0	0
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																																																						0
																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Forbs & Pseudoforbs																																																				0	0	0
Machaeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Sisymbrium altissimum																																																						0
																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum																					1	1																														2	4	16.66666667
Elymus Salinus																																																				0	0	0
Elymus cinereus																																																				0	0	0
Elymus giganteus																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																						0
																																																						0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	16.66666667
																																																						0
Trees																																																						0
Juniper																							1	1	1	1	1																1	1	1	1			1		10	20	83.33333333
Pinon																																																				0	0	0
																																																						0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	10	20	83.33333333
																																																						0
Total Vegetation Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	12	24	100
Cryptobiotic																																						1														1	2	
Physical Features																																																						
Litter							1	1		1											1										1																					5	10	
Rock												1					1												1	1		1	1	1	1	1	1					1									11	22	
Bare Ground	1	1	1	1	1			1		1			1	1	1	1		1	1	1																	1		1	1		1					1	1		1	21	42	
Total Physical Features																																																				37	74	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	1	1	3	1		100	
Comments:																																																						

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:16 | UTM:0583640/4366070 | Heading:180

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Coleria mexicana																																																				0	0	0
Cerstoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																																																						0
																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Forbs & Succulents																																																						0
Machaeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Sisymbrium altissimum																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Graminoid																																																						0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum																																																				0	0	0
Elymus Salinus				1		1																																														2	4	16.66666667
Elymus cinereus																																																				0	0	0
Elymus gigenteous																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				0	0	0
Bromus japonicus								1																																												1	2	8.333333333
																																																				0	0	0
Total Graminoid Cover	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	25
																																																						0
Trees																																																						0
Juniper											1																																	1	1	1						4	8	33.33333333
Pinon															1	1	1	1	1																																	5	10	41.66666667
																																																						0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	18	75
																																																					0	0
Total Vegetation Cover	0	0	0	1	0	1	1	1	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	12	24	100
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter				1		1				1																																										3	6	
Rock		1																																							1												2	4	
Bare Ground	1								1			1	1	1						1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1		1	1	1				1	1	1	1	33	66	
Total Physical Features																																																				39	76	
	1	1	1	3	1	3	3	1	1	3	1	1	1	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	1	1	1	1			
Comments:																																																					100	

Horse Canyon Cover Sheet

Date:6/16/03 | Area:16 | Transect:16 | UTM:[illegible] | Heading:174

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																	1		1	2	6.666666667
																																																					0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	6.666666667
																																																					0
																																																					0
Forbs																																																					0
Macheranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																			0	0	0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Graminoid																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			0	0	0
Elymus Salinus												1													1																			1		1				1	5	10	33.33333333
Elymus cinereus																																																			0	0	0
Elymus gigantseus																																																			0	0	0
Hilaria Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	5	10	33.33333333
Trees																																																			0	0	0
Juniper		1	1	1	1																												1	1	1						1	1									9	18	60
Pinon																																																			0	0	0
																																																					0
Total Tree Cover	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	9	18	60
																																																					0
Total Vegetation Cover	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	1	0	1	0	0	1	1	15	30	100
Cryptobiotic																																					1														1	2	
Physical Features																																																					
Litter																																											1								1	2	
Rock																										1	1	1	1																	1			1			6	12	
Bare Ground	1					1	1	1	1	1	1		1	1	1	1	1	1	1	1	1	1	1	1							1	1	1				1		1	1	1								1		27	54	
Total Physical Features																																																			34	68	
	1	3	3	3	3	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	3	3	3	1	1	1	1	1	3	3	1	3	1	3	1	1	3	3		100	
Comments:																																																					

Horse Canyon Cover Sheet

Date:6/16/09 | Area:16 | Transect:17 | UTM:0583888/4398030 | Heading:111

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relatively Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																								1											1	2	6.666666667
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae											1																																								1	2	6.666666667
																																																					0
																																																					0
Total Shrub Cover	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	4	13.33333333
																																																					0
Forbs & Succulents																																																					0
Mecheranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																			0	0	0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Graminoid																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			0	0	0
Elymus Salinus			1						1	1																																								1	4	8	26.66666667
Elymus cinereus																																																			0	0	0
Elymus gigarteous																																																			0	0	0
Hilaria Jamesii																				1																															1	2	6.666666667
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	33.33333333
																																																					0
Trees																																																					0
Juniper																																	1	1		1	1														4	8	26.66666667
Pinon															1	1															1	1																			4	8	26.66666667
																																																					0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	8	16	53.33333333
																																																				0	0	0
Total Vegetation Cover	0	0	1	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	15	30	100
Cryptobiotic								1																																											1	2	
Physical Features																																																					
Litter	1																																							1											2	4	
Rock														1				1									1														1			1		1					6	12	
Bare Ground		1		1	1	1	1					1	1						1	1		1	1	1	1	1	1		1	1	1					1				1				1	1		1		1	1	1	26	52	
Total Physical Features																																																			34	68	
	1	1	3	1	1	1	1	1	3	3	3	1	1	1	3	3	1	1	1	3	1	1	1	1	1	1	1	1	1	1	3	3	3	3	1	3	3	1	1	3	1	1	1	1	1	1	1	1	1	3		100	

Comments:

Horse Canyon Cover Sheet

Date:6/16/03 | Area:16 | Transect:19 | UTM:0583630/4398089 | Heading:3

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relatively Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																			0	0	0
																																																					0
																																																					0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Forbs & Succulents																																																					0
Macheranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																			0	0	0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Graminoid																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			0	0	0
Elymus Salinus															1																																			1	2	4	11.76470588
Elymus cinereus																																																			0	0	0
Elymus giganteous																																																			0	0	0
Hilaria Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	11.76470588
																																																					0
Trees																																																					0
Juniper																																									1	1	1	1	1	1	1	1	1		9	18	52.94117647
Pinon	1	1	1	1	1	1																																													6	12	35.29411765
																																																					0
Total Tree Cover	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	15	30	88.23529412
																																																					0
Total Vegetation Cover	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	17	34	100
Cryptobiotic																								1	1	1		1									1														5	10	
																																																				0	0	
Litter													1																											1											2	4	
Rock												1				1		1																		1														4	8	
Bare Ground							1	1	1	1	1			1			1		1	1	1	1	1				1		1	1	1	1	1	1			1	1											22	44	
																																																				0	
Total Physical Features																																																			29	58	
Comments:	3	3	3	3	3	3	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3		100	

Horse Canyon Cover Sheet

Date: 8/18/03 | Area: 16 | Transect: 19 | UTM: 0563882/4388087 | Heading: 180

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			1	2	7.142857143
Coleria mexicana						1																																													0	0	0
Ceratoides lanata																																																			1	2	7.142857143
Ephedra viridis															1																																				0	0	0
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																					0
																																																					0
Total Shrubs Cover	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	14.28571429
																																																					0
																																																					0
Forbs & Succulents																																																			0	0	0
Machaeranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																					0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
																																																					0
Graminoid																																																			0	0	0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum								1																							1																1	1		1	5	10	35.71428571
Elymus Salinus																																																			0	0	0
Elymus cinereus																																																			0	0	0
Elymus giganteus																																												1							1	2	7.142857143
Hilaria Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																					0
																																																					0
Total Graminoid Cover	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	6	12	42.85714286
																																																					0
																																																					0
Trees																																																					
Juniper								1												1	1																														3	6	21.42857143
Pinon										1	1	1																																							3	6	21.42857143
																																																					0
Total Tree Cover	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	42.85714286
																																																					0
Total Vegetation Cover	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	14	28	100
Cryptobiotic																																																	1		1	2	
Physical Features																																																					
Litter												1																							1															2	4	
Rock					1												1						1	1	1	1	1	1	1				1				1						1						13	26	
Bare Ground	1	1	1	1									1	1		1			1			1								1				1	1		1		1	1	1	1		1		1		1		20	40	
Total Physical Features																																																			35	70	
	1	1	1	1	1	3	3	3	3	3	3	1	1	1	3	1	1	1	3	3	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	3	1	3			
Comments:																																														Total Cover						100	

Horse Canyon Cover Sheet

Date:8/16/03 | Area:Ref | Transect:20 | UTM:0863673/4369089 | Heading:161

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																					0
Total Shrube Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																				0
																																																				0
Forbs & Suculents																																																					
Macheeranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																			0	0	0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
																																																					0
Graminoid																																																					
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			0	0	0
Elymus Salinus																											1																								1	2	5.263157895
Elymus cinereus																																																			0	0	0
Elymus giganteous																																																			0	0	0
Hilaria Jamesii																															1																				1	2	5.263157895
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	10.52631579
																																																					0
																																																					0
Trees																																																					
Juniper																1				1															1	1		1						1	1	1				8	16	42.10526316
Pinon						1	1	1	1																														1	1	1	1	1							9	18	47.36842105
																																																					0
Total Tree Cover	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	17	34	89.47368421
																																																					0
Total Vegetation Cover	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	19	38	100
Cryptobiotic Cover																															1			1																	2	4	
Physical Features																																																					
Litter				1											1																																				2	4	
Rock																							1												1			1												1	4	8	
Bare Ground	1	1	1							1	1	1	1	1			1	1	1		1	1		1	1	1		1	1	1			1															1	1	1	23	46	
Total Physical Features																																																			29	58	
	1	1	1	1	3	3	3	3	1	1	1	1	1	1	3	1	1	1	3	1	1	1	1	1	1	3	1	1	1	1	3	1	1	1	3	3	1	3	3	3	3	3	3	3	3	3	1	1	1	1			
																																																				100	
Comments:																																																					

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:21 | UTM:0663617/4369144 | Heading:12

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Coleria mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																						1													1	2	3.571428571
Gutierrezia sarothrae																																																					0
																																																					0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.571428571
																																																					0
Forbs & Succulents																																																			0	0	0
Machaeranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Graminoid																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																								1	1																				1			1			4	8	14.28571429
Elymus Salinus																																																			0	0	0
Elymus cinereus																																																			0	0	0
Elymus giganteous																																																			0	0	0
Hilaria Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	4	8	14.28571429
																																																					0
Trees																																																					0
Juniper										1	1	1	1	1	1	1	1	1	1	1							1	1	1	1	1	1	1	1	1	1	1													23	46	82.14285714
Pinon																																																			0	0	0
																																																			0	0	0
Total Tree Cover	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	23	46	82.14285714
																																																					0
Total Vegetation Cover	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	1	0	0	28	58	100
																																																					0
Cryptobiotic Cover																																										1				1					2	4	
Physical Features																																																					
Litter																																																			0	0	
Rock			1																																						1	1		1							5	10	
Bare Ground	1	1		1	1	1	1	1													1	1			1	1													1					1			1		1	15	30	
																																																			29	40	
Total Physical Features																																																					
	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	1	1	3	3	1	1	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	1	1	3	1	1	3	1	1			
																																																				100	
Comments:																																																					

Horse Canyon Cover Sheet

Date:5/16/03 | Area:Ref | Transect:22 | UTM:0583888/4369104 | Heading:352

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																					0
																																																					0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Forbs & Succulents																																																			0	0	0
Machaeranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																					0
																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Grasslike																																																					0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			0	0	0
Elymus Salinus															1										1																										2	4	10.52631579
Elymus cinereus																																																			0	0	0
Elymus gigarteous																																																			0	0	0
Hilaria Jameii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																					0
Total Grassland Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	10.52631579
																																																					0
Trees																																																					0
Juniper			1		1	1	1	1	1	1	1															1	1	1								1	1	1	1	1								1		17	34	89.47368421
Pinon																																																			0	0	0
																																																			0	0	0
Total Tree Cover	0	0	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	17	34	89.47368421
																																																					0
Total Vegetation Cover	0	0	1	0	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	19	38	100
Cryptobiotic Cover																	1	1															1	1	1																5	10	
Physical Features																																																					
Litter																																									1	1	1				1	1			5	10	
Rock				1																			1																											1	3	6	
Bare Ground	1	1										1	1	1				1	1	1	1	1		1					1	1				1	1									1	1	1					18	36	
																																																				0
Total Physical Features																																																			38	52	
	1	1	3	1	3	3	3	3	3	3	3	1	1	1	3	1	1	1	1	1	1	1	1	1	3	3	3	3	1	1	1	1	1	1	1	3	3	3	3	3	1	1	1	1	1	1	1	1	3	1		100	

Comments:

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:23 | UTM:0583635M4398131 | Heading:96

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																																																				0	0	0
																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Forbs & Succulents																																																				0	0	0
Machaeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Sisymbrium altissimum																																																				0	0	0
																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Graminoid																																																						0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum																																																				0	0	0
Elymus Salinus																																																1				1	2	9.090909091
Elymus cinereus																																																				0	0	0
Elymus gigantieous																																																				0	0	0
Hilaria Jamesii			1		1																																															2	4	18.18181818
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				0	0	0
																																																						0
Total Graminoid Cover	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	6	27.27272727
																																																						0
Trees																																																						0
Juniper																																								1	1	1	1	1	1	1	1					7	14	63.63636364
Pinon																																																1				1	2	9.090909091
																																																						0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	8	16	72.72727273
																																																						0
Total Vegetation Cover	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	11	22	100
Cryptobiotic			1			1	1		1						1			1			1				1																										8	16	
Physical Features																																																						
Litter																																						1	1													2	4	
Rock																																																				0	0	
Bare Ground	1				1			1		1	1	1	1	1		1	1		1	1		1	1	1		1	1	1	1	1	1	1	1	1	1	1	1											1	1	29	58	
Total Physical Features																																																				31	62	
	1	3	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	1	1			
Comments:																																																					100	

Horse Canyon Cover Sheet

Date:8/16/03 | Area:Ref | Transect:24 | UTM:0853576/4398084 | Heading:29

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relatively Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Coleria mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																																																				0	0	0
																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Forbs & Succulents																																																				0	0	0
Machaeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Sisymbrium altissimum																																																				0	0	0
																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum																																																				0	0	0
Elymus Salinus																																																				0	0	0
Elymus cinereus																																																				0	0	0
Elymus gigenteus																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				0	0	0
																																																						0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Trees																																																						0
Juniper																																						1	1													2	4	22.22222222
Pinon																																		1	1	1	1							1	1	1					7	14	77.77777778
																																																					0	0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	9	18	100
																																																					0	0
Total Vegetation Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	9	18	100
																																																					0	
Cryptobiotic																											1	1																				1				3	6	
Physical Features																																																						
Litter			1	1																					1																1										4	8	
Rock															1		1				1										1												1	1							6	12	
Bare Ground	1	1			1	1	1	1	1	1	1	1	1	1		1		1	1	1		1	1	1				1	1	1		1	1							1								1	1	1	29	58	
																																																					0	
Total Physical Features																																																				38	76	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	1	1	1	1	3	3	3	1	1	1	1		100	
Comments:																																																						

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:26 | UTM:0563983/4389147 | Heading:296

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																				0	0	0
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				1	2	3.448275862
Gutierrezia sarothrae																										1																												0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.448275862
																																																						0
Forbs & Succulents																																																				0	0	0
Macheeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				1	2	3.448275862
Sphaeralcia coccinea																	1																																			0	0	0
Sisymbrium altissimum																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.448275862
																																																						0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum									1	1																										1			1	1	1				1						7	14	24.13793103
Elymus Salinus				1	1			1			1	1	1	1									1	1	1			1	1					1	1			1	1					1	1						18	36	62.06896552
Elymus cinereus																																																				0	0	0
Elymus giganteous																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				0	0	0
Vulpia octoflora						1														1																																2	4	6.896551724
																																																						0
Total Graminoid Cover	0	0	0	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	1	1	0	0	1	1	0	0	0	1	1	0	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	27	54	93.10344828
																																																						0
Trees																																																				0	0	0
Juniper																																																				0	0	0
Pinon																																																				0	0	0
																																																						0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Total Vegetation Cover	0	0	0	1	1	1	0	1	1	1	1	1	1	1	0	0	1	0	0	1	0	0	1	1	1	1	0	1	1	0	0	0	1	1	0	1	1	1	1	1	1	0	1	1	1	0	0	0	0	0	29	58	100
																																																					0
Cryptobiotic			1																			1	1																													3	6	
																																																					0	
Physical Features																																																					0	
Litter																																																				0	0	
Rock																																																1		1		2	4	
Bare Ground	1	1					1									1	1	1	1	1								1			1	1	1			1							1				1		1		17	34	
Total Physical Features																																																				19	38	
	1	1	1	3	3	3	1	3	3	3	3	3	3	3	1	1	4	1	1	3	1	1	3	3	3	3	1	3	3	1	1	1	3	3	1	3	3	3	3	3	3	1	3	3	3	1	1	1	1	1		102	

Comments:

Horse Canyon Cover Sheet

Date:8/16/03 | Area:Ref | Transect:26 | UTM:0663663/4386202 | Heading:164

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																				0	0	0
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																																																						0
																																																						0
Total Shrube Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
																																																					0	0	0
Forbs & Succulents																																																				0	0	0
Macheranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Strymbrium sisymium																																																						0
																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
																																																					0	0	0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																									1	1	1			1		1		1	1	1		1		1	1		1			1		1				14	28	46.66666667
Bromus tectorum					1			1	1										1												1																					8	12	20
Elymus Salinus																																1		1																		0	0	0
Elymus cinereus																																																				0	0	0
Elymus giganteous																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				1	2	3.333333333
Vulpia octoflora				1																																																	0	0	0
																																																						0
Total Graminoid Cover	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	0	1	0	1	0	0	0	21	42	70
																																																						0
																																																					0	0	0
Trees																																																				9	18	30
Juniper										1	1	1	1	1	1	1	1	1																																	0	0	0
Pinon																																																				0	0	0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	18	30
																																																					0	0
Total Vegetation Cover	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	0	1	0	1	0	0	0	30	60	100
Cryptobiotic	1																																																		1	2	4
Physical Features																																																						
Litter		1																																																		1	2	
Rock			1																		1	1																							1				1	5	10	
Bare Ground							1	1												1				1				1	1								1		1			1		1			1		1		12	24	
Total Physical Features																																																				18	36	
	1	1	1	3	3	1	1	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	3	3	3	1	1	3	3	3	3	3	3	3	1	3	1	3	3	1	3	1	1	3	1	3	1	1	1		100	

Comments:

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:27 | UTM:0663528/4389130 | Heading:180

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																																																				0	0	0
Gutierrezia sarothrae																																																				0	0	0
																																																						0
Total Shrub Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Forbs & Succulents																																																				0	0	0
Machaeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Sisymbrium altissimum																																																				0	0	0
																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																						0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum	1	1	1			1			1		1																																									6	12	27.27272727
Elymus Salinus																																																				0	0	0
Elymus cinereus																																																				0	0	0
Elymus giganteous																																																				0	0	0
Hilaria Jamesii															1																																					1	2	4.545454545
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				0	0	0
Vulpia octoflora																				1																																1	2	4.545454545
																																																						0
Total Graminoid Cover	1	1	1	0	0	1	0	0	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	16	36.36363636
																																																						0
Trees																																																						0
Juniper																																	1	1	1	1	1	1	1	1	1	1	1	1					1		14	28	63.63636364
Pinon																																																					0	0
																																																						0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	14	28	63.63636364
																																																						0
Total Vegetation Cover	1	1	1	0	0	1	0	0	1	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	22	44	100
Cryptobiotic				1																																															1	2	4	
Physical Features																																																						
Litter																																															1	1			2	4	
Rock																					1		1																												2	4	
Bare Ground					1		1	1		1		1	1	1		1	1	1	1			1		1	1	1	1	1	1	1														1	1					22	44	
Total Physical Features																																																				28	52	
	3	3	3	1	1	3	1	1	3	1	3	1	1	1	3	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	3	3	3	3	3	1	1	1	1	3	1		100	
Comments:																																																					

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:28 | UTM:0563626/4369170 | Heading:268

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																			0	0	0
																																																			0	0	0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																				0
Forbs & Succulents																																																			0	0	0
Macheranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																			0	0	0
																																																				0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																				0
Graminoid																																																			0	0	0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum																																																			0	0	0
Elymus Salinus																			1																																1	2	6.666666667
Elymus cinereus																																																			0	0	0
Elymus giganteous																																																			0	0	0
Hilaria Jamesii	1																																																		1	2	6.666666667
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																			0	0	0
																																																				0
Total Graminoid Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	13.33333333
																																																				0
Trees																																																				0
Juniper								1														1	1	1			1	1	1	1	1	1																	1			11	22	73.33333333
Pinon									1	1																																									2	4	13.33333333
																																																					0
Total Tree Cover	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	13	26	86.66666667
																																																					0
Total Vegetation Cover	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	15	30	100
Cryptobiotic							1												1																																1	3	6	
Physical Features																																																					0
Litter				1							1																							1			1														4	8	
Rock			1																		1	1																		1											4	8	
Bare Ground		1			1	1						1	1	1	1	1	1	0							1	1							1		1	1		1	1		1	1	1	1	1	1	1		1	24	48	
Total Physical Features																																																			32	64	
	3	1	1	1	1	1	1	3	3	3	1	1	1	1	1	1	1	1	3	1	1	3	3	3	1	1	3	3	3	3	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1			
																																																				100
Comments:																																																					
plantain, small white daisy, buckwheat present																																																					

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:29 | UTM:0663647/4388188 | Heading:73

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0
Atriplex confertifolia																																																				0	0	0
Atriplex cuneata																																																				0	0	0
Artemisia nova																																																				0	0	0
Artemisia tridentata tridentata																																																				0	0	0
Chrysothamnus nauseosus																																																				0	0	0
Chrysothamnus viscidiflorus																																																				0	0	0
Cowania mexicana																																																				0	0	0
Ceratoides lanata																																																				0	0	0
Ephedra viridis																																																				0	0	0
Sarcobatus vermiculatus																										1																										1	2	5.263157895
Gutierrezia sarothrae																																																						0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5.263157895
																																																					0
Forbs & Succulents																																																				0	0	0
Machaeranthera canescens																																																				0	0	0
Medicago sativa																																																				0	0	0
Melilotus officinalis																																																				0	0	0
Penstemon palmeri																																																				0	0	0
Sphaeralcia coccinea																																																				0	0	0
Sisymbrium altissimum																																																						0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
																																																					0
Graminoid																																																				0	0	0
Agropyron Smithii																																																				0	0	0
Agropyron spicatum																																																				0	0	0
Agropyron cristatum																																																				0	0	0
Agropyron trachycaulum																																																				0	0	0
Bromus tectorum																																																				0	0	0
Elymus Salinus	1																												1		1																					3	6	15.78947368
Elymus cinereus																																																				0	0	0
Elymus gigenteous																																																				0	0	0
Hilaria Jamesii																																																				0	0	0
Oryzopsis hymenoides																																																				0	0	0
Sitanion hystrix																																																				0	0	0
Stipa comata																																																				0	0	0
Total Graminoid Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	15.78947368
																																																					0
Trees																																																					0
Juniper												1	1	1		1	1	1															1	1	1	1	1							1	1	1	1				15	30	78.94736842
Pinon																																																				0	0	0
																																																					0
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	15	30	78.94736842
																																																					0
Total Vegetation Cover	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	19	38	100
Cryptobiotic		1		1					1																												1														1	5	10	
Physical Features																																																					
Litter																																																				0	0	
Rock						1	1	1											1	1	1						1			1											1	1									10	20	
Bare Ground			1		1					1	1					1							1	1	1	1			1									1	1	1				1					1	1	16	32	
Total Physical Features																																																				26	52	
	3	1	1	1	1	1	1	1	1	1	1	3	3	3	1	3	3	3	1	1	1	1	1	1	1	3	1	1	3	1	3	3	3	3	3	3	1	1	1	1	1	1	1	3	3	3	3	1	1			100	
Comments:																																																					

Horse Canyon Cover Sheet

Date:6/16/03 | Area:Ref | Transect:30 | UTM:0663633/4369105 | Heading:102

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																			0	0	0
Atriplex canescens																																																			0	0	0
Atriplex confertifolia																																																			0	0	0
Atriplex cuneata																																																			0	0	0
Artemisia nova																																																			0	0	0
Artemisia tridentata tridentata																																																			0	0	0
Chrysothamnus nauseosus																																																			0	0	0
Chrysothamnus viscidiflorus																																																			0	0	0
Cowania mexicana																																																			0	0	0
Ceratoides lanata																																																			0	0	0
Ephedra viridis																																																			0	0	0
Sarcobatus vermiculatus																																																			0	0	0
Gutierrezia sarothrae																																																			0	0	0
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Forbs																																																			0	0	0
Machaeranthera canescens																																																			0	0	0
Medicago sativa																																																			0	0	0
Melilotus officinalis																																																			0	0	0
Penstemon palmeri																																																			0	0	0
Sphaeralcia coccinea																																																			0	0	0
Sisymbrium altissimum																																																					0
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Graminoid																																																			0	0	0
Agropyron Smithii																																																			0	0	0
Agropyron spicatum																																																			0	0	0
Agropyron cristatum																																																			0	0	0
Agropyron trachycaulum																																																			0	0	0
Bromus tectorum														1															1								1														3	6	30
Elymus Salinus																																																			0	0	0
Elymus cinereus																																																			0	0	0
Elymus giganteus																																																			0	0	0
Hilaria Jamesii																																																			0	0	0
Oryzopsis hymenoides																																																			0	0	0
Sitanion hystrix																																																			0	0	0
Stipa comata																																																					0
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	30
Trees																																																					0
Juniper					1	1																								1	1																	1	1		6	12	60
Pinon																																					1														1	2	10
Total Tree Cover	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	7	14	70
Total Vegetation Cover	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	10	20	100
Cryptobiotic																			1																					1						1				1	4	8	
Physical Features																																																					
Litter																						1					1	1		1																					4	8	
Rock									1			1			1	1	1				1			1		1														1										9	18	
Bare Ground	1	1	1	1			1	1		1	1		1							1			1		1								1	1	1	1			1			1	1	1	1	1		1			23	46	
Total Physical Features																																																			36	72	
Comments:	1	1	1	1	3	3	1	1	1	1	1	1	1	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	3	3	1	1	1	1	3	3	1	1	1	1	1	1	1	1	1	3	3	1		100	

Area 3 Cover Summary

Cover Type	Transect #															Site Average	Std. Dev.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Shrubs	36	24	32	32	10	32	22	34	26	20	50	42	56	42	38	33.07	11.85
Forbs	2	2	4	6	4	6	20	4	6	10	0	2	8	10	14	6.53	5.26
Grasses	56	58	42	52	78	46	42	56	54	44	28	48	24	30	40	46.53	13.64
Trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Vegetation	94	84	78	90	92	84	84	94	86	74	78	92	88	82	92	86.13	6.30
Cryptobiotic	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0.13	.52
Physical Features	6	16	22	10	8	14	16	6	14	26	22	8	12	18	8	13.73	6.27

Area 6 Cover Summary

Cover Type	Transect #															Site Average	Std. Dev.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Shrubs	28	32	38	28	26	30	50	36	32	44	30	38	34	34	24	33.60	6.90
Forbs	2	0	0	2	0	0	0	0	0	0	0	6	4	0	0	0.93	1.83
Grasses	66	62	52	58	68	56	48	62	68	46	54	44	46	24	64	54.53	11.80
Trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Vegetation	96	94	90	88	94	86	98	98	100	90	84	88	84	58	88	89.07	10.02
Cryptobiotic	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0.53	2.07
Physical Features	4	6	10	12	6	14	2	2	0	10	16	12	16	30	12	10.13	7.54

A[illegible]7 Cover Summary

Cover Type	Transect #															Site Average	Std. Dev.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Shrubs	64	46	40	50	52	48	44	48	46	34	40	62	60	66	48	49.87	9.40
Forbs	0	0	6	2	0	2	2	4	0	0	2	0	4	0	2	1.6	1.88
Grasses	26	24	10	10	8	30	8	24	40	52	48	24	20	22	42	25.87	14.27
Trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Vegetation	90	70	56	62	60	80	54	76	86	86	90	86	84	88	92	77.33	13.41
Cryptobiotic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Features	10	30	38	38	40	20	46	24	14	14	10	14	16	12	8	22.27	12.80

Area 11/13/14 Cover Summary

Cover Type	Transect #															Site Average	Std. Dev.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Shrubs	14	24	36	46	38	22	28	32	30	22	32	28	28	8	38	24.80	9.66
Forbs	0	4	2	0	2	0	0	4	6	2	0	0	0	0	0	1.33	1.95
Grasses	64	30	50	30	32	42	34	30	32	54	62	50	40	58	34	42.80	12.44
Trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Vegetation	78	58	88	76	72	64	62	66	68	78	94	78	68	66	72	72.53	9.72
Cryptobiotic	0	0	0	2	0	0	0	2	0	4	0	0	0	0	0	0.53	1.19
Physical Features	22	42	12	22	28	36	38	32	32	18	6	22	32	34	28	26.93	9.91

A[illegible]15/17 Cover Summary

Cover Type	Transect #															Site Average	Std. Dev.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Shrubs	42	14	38	40	36	42	46	52	50	36	22	24	14	28	30	34.27	11.97
Forbs	0	4	0	0	0	2	0	0	0	0	2	6	2	0	2	1.20	1.82
Grasses	34	44	42	42	44	38	32	28	40	50	42	48	60	36	48	41.87	7.95
Trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Vegetation	76	62	80	82	80	82	78	80	90	86	66	78	76	64	80	77.33	7.81
Cryptobiotic	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Physical Features	24	38	20	18	20	18	22	20	10	14	34	22	24	36	20	22.67	7.81

Area 16 Cover Summary

Cover Type	Transect #															Site Average	Std. Dev.
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15		
Shrubs	16	22	28	26	18	14	8	22	2	20	4	12	4	20	20	15.73	8.17
Forbs	0	0	20	12	20	12	16	14	0	8	0	4	4	2	14	8.4	7.45
Grasses	48	32	36	30	40	24	40	18	62	44	56	38	82	42	40	42.13	15.68
Trees	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Total Vegetation	64	54	84	68	78	50	64	54	64	72	60	54	90	64	74	66.27	11.61
Cryptobiotic	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	.13	.52
Physical Features	36	46	16	32	22	50	34	46	36	28	40	46	10	36	26	33.60	11.59

Area 3 Cover Data

Horse Canyon Revegatation Project Tally Sheet

Date: **Area:3** **Transect:1** **UTM:0555236/4367797** **Heading:5**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens														1	1				1			1													1	1	1														7	14	14.89
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata									1				1							1	1		1							1									1											1	8	16	17.02
Chrysothamnus nauseosus																																		1																		1	2	2.13
Chrysothamnus viscidiflorus			1																																															1		2	4	4.26
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	1	18	36	38.30
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa								1																																												1	2	2.13
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.13
Grasses																																																						
Agropyron Smithii		1																								1																		1	1						4	8	8.51
Agropyron spicatum	1			1	1	1	1				1	1				1	1	1						1	1						1	1	1									1	1				1	1	1		20	40	42.55
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																													1									1		1			1							4	8	8.51
Elymus gigantecus																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	0	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	1	0	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	28	56	59.57
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	47	94	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground										1																		1	1																							3	6	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area:3** | **Transect:2** | **UTM:0555253/4367787** | **Heading:47**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens					1	1	1											1						1	1																							1	1		8	16	19.05
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																																		1	1	2	2.38
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus									1							1																1																			3	6	7.14
Cowania mexicana																																																				0	0	0.00
Cercocarpus ledifolius																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	12	24	28.57
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																											1									1	2	2.38
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				1	2	2.38
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	2	2.38
Grasses																																																				0	0	0.00
Agropyron Smithii																																																				24	48	57.14
Agropyron spicatum	1	1	1							1	1	1	1				1		1	1	1					1	1	1		1				1		1	1	1	1		1	1				1	1				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				5	10	11.90
Bromus tectorum				1											1								1								1															1					0	0	0.00
Elymus Salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria Jameseii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	0	0	0	0	0	1	1	1	1	0	1	0	1	0	1	1	1	0	1	0	0	1	1	1	0	1	1	0	0	1	0	1	1	1	1	0	1	1	0	0	1	1	1	0	0	0	29	58	69.05
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	42	84	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground								1						1								1							1				1		1					1				1							8	16	
Total Physical Features	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	8	16	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Bromus inermis present

Crested Wheat grass present

Horse Canyon Revegatation Project Tally Sheet

Date: | Area:3 | Transect:3 | UTM:0555262/4367798 | Heading:76

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																												1							1	2	2.56
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata	1																			1	1												1	1								1	1		1					1	9	18	23.08
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus		1	1	1	1									1		1																																			6	12	15.38
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	16	32	41.03
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																				1					1										2	4	5.13
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	4	5.13
Grasses																																																			1	2	2.56
Agropyron Smithii																																			1																18	36	46.15
Agropyron spicatum							1	1	1	1	1	1			1		1		1			1	1						1	1	1	1								1						1	1				0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus Salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria Jemesii																																																			0	0	0.00
Oryzopsis hymenoides							1																																											1	2	4	5.13
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	0	1	0	1	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	21	42	53.85
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1	39	78	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground													1						1						1	1	1	1	1								1	1	1									1			11	22	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	11	22	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area:3** | **Transect:4** | **UTM:0555280** | **Heading:160**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																															1	1	1		3	6	6.67
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																									1																									1	4	8	8.89
Artemisia tridentata tridentata				1						1																																									0	0	0.00
Chrysothamnus nauseosus																										1				1	1	1					1	1	1							1					9	18	20.00
Chrysothamnus viscidiflorus									1																																										0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	16	32	35.56
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			2	4	4.44
Medicago sativa						1	1																																												1	2	2.22
Melilotus officinalis																1																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			3	6	6.67
Total Forb Cover	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0			
Grass																																																			0	0	0.00
Agropyron smithii																																																			17	34	37.78
Agropyron spicatum	1	1			1							1		1	1			1				1	1	1			1	1	1					1							1	1	1								1	2	2.22
Agropyron cristatum													1																																						0	0	0.00
Agropyron trachycaulum																																																			1	2	2.22
Bromus tectorum																					1																														1	2	2.22
Elymus salinus			1																																																1	2	2.22
Elymus cinereus																																								1											0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria Jameseii																																																			1	2	2.22
Oryzopsis hymenoides																			1																																4	8	8.89
Sitanion hystrix																	1																		1	1									1						0	0	0.00
Stipa comata																																																			26	52	57.78
Total Grass Cover	1	1	1	0	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	1	1	1	1	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0			
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	45	90	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground								1			1										1													1											1						5	10	
Total Physical Features	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	5	10	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Sitanion hystrix present

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area:3** | **Transect:5** | **UTM:0555242/4367805** | **Heading:230**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens											1																																								1	2	2.17
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata												1																								1															2	4	4.35
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus						1															1																														2	4	4.35
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	10.87
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																		1	1	2	2.17
Medicago sativa																																											1								1	2	2.17
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	4	4.35
Grasses																																																			1	2	2.17
Agropyron smithii																																						1													33	66	71.74
Agropyron spicatum		1	1	1	1		1	1	1	1					1	1	1	1	1	1		1	1	1		1	1	1	1	1	1		1	1	1		1		1	1	1	1					1	1			2	4	4.35
Agropyron cristatum													1	1																																					0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus elymus																																																	1		1	2	2.17
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria Jameeii																																												1							1	2	2.17
Oryzopsis hymenoides																									1																										1	2	2.17
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																					
Total Grass Cover	0	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	0	1	0	0	1	1	1	0	39	78	84.78
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	46	92	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																														1					1	2	
Bare Ground	1																															1													1						3	6	
Total Physical Features	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	4	8	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area:3** | **Transect:6** | **UTM:0555148/4367774** | **Heading:234**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																														1													1								2	4.00	4.76
Atriplex confertifolia																																																					0	0.00	0.00
Artemisia nova																																																					0	0.00	0.00
Artemisia tridentata tridentata																		1	1							1	1	1	1		1	1						1						1		1	1					12	24.00	28.57
Chrysothamnus nauseosus																	1																												1						2	4.00	4.76
Chrysothamnus viscidiflorus																																																					0	0.00	0.00
Cowania mexicana																																																					0	0.00	0.00
Ceratoides lanata																																																					0	0.00	0.00
Ephedra viridis																																																					0	0.00	0.00
Sarcobatus vermiculatus																																																					0	0.00	0.00
Gutierrezia sarothrae																																																					0	0.00	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	16	32.00	38.10
Forbs & Succulents																																																					0	0.00	0.00
Machaeranthera canescens																																																				1	2	4.00	4.76
Medicago sativa																1																																					0	0.00	0.00
Melilotus officinalis																																																					1	2.00	2.38
Penstemon palmeri	1																																																				0	0.00	0.00
Sphaeralcea coccinea																																																					3	6.00	7.14
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Grasses																																																					3	6.00	7.14
Agropyron smithii				1			1				1																																										18	36.00	42.86
Agropyron spicatum		1	1		1			1	1	1		1	1								1	1			1								1	1	1	1	1				1	1									0	0.00	0.00
Agropyron cristatum																																																					0	0.00	0.00
Agropyron trachycaulum																																																					2	4.00	4.76
Bromus tectorum																																								1								1					0	0.00	0.00
Elymus elimus																																																					0	0.00	0.00
Elymus cinereus																																																					0	0.00	0.00
Elymus gigenteous																																																					0	0.00	0.00
Hilaria Jamesii																																																					0	0.00	0.00
Oryzopsis hymenoides																																																					0	0.00	0.00
Sitanion hystrix																																																					0	0.00	0.00
Stipa comata																																																					0	0.00	0.00
Total Grass Cover	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	1	0	0	23	46.00	54.76
Trees																																																					0	0.00	0.00
Juniper																																																					0	0.00	0.00
Pinon																																																							
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	42	84.00	100.00
Cryptobiotic																							1																												1	2.00	
Physical Features																																																						
Litter														1																																							1	2.00	
Rock																																																					0	0.00	
Bare Ground						1										1						1		1																1										1	6	12.00	
Total Physical Features	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	7	14.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Aretida longiseta, Sphaeralcea coccinea, Penstemon palmeri, Sitanion hystrix present

Horse Canyon Revegatation Project Tally Sheet

Date: **Area:3** **Transect:7** **UTM:0555169/4367739** **Heading:318**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Vegetative Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1	1	1		1	1				1																																				6	12.00	14.29
Atriplex confertifolia																																																				0	0.00	0.00
Artemisia nova																																																				0	0.00	0.00
Artemisia tridentata tridentata																														1													1	1				1	1		5	10.00	11.90
Chrysothamnus nauseosus																																																				0	0.00	0.00
Chrysothamnus viscidiflorus																																																				0	0.00	0.00
Coweria mexicana																																																				0	0.00	0.00
Ceratoides lanata																																																				0	0.00	0.00
Ephedra viridis																																																				0	0.00	0.00
Sarcobatus vermiculatus																																																				0	0.00	0.00
Gutierrezia sarothrae																																																				0	0.00	0.00
Total Shrubs Cover	0	0	0	0	0	1	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	11	22.00	26.19
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0.00	0.00
Medicago sativa																																	1	1	1	1				1	1	1				1				1	9	18.00	21.43
Melilotus officinalis																																																				0	0.00	0.00
Penstemon palmeri																				1																																1	2.00	2.38
Sphaeralcia coccinea																																																				0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	1	0	0	0	1	10	20.00	23.81
Grasses																																																						
Agropyron Smithii																																																				0	0.00	0.00
Agropyron spicatum		1														1	1	1			1	1		1			1	1	1		1	1					1								1					14	28.00	33.33
Agropyron cristatum																																																				0	0.00	0.00
Agropyron trachycaulum																																																				0	0.00	0.00
Bromus tectorum			1	1	1								1																																							4	8.00	9.52
Elymus Salinus																																																				0	0.00	0.00
Elymus cinereus									1			1																																								2	4.00	4.76
Elymus giganteous																																																				0	0.00	0.00
Hilaria Jamesii																																																				0	0.00	0.00
Oryzopsis hymenoides																									1																											1	2.00	2.38
Sitanion hystrix																																																				0	0.00	0.00
Stipa comata																																																				0	0.00	0.00
Total Grass Cover	0	1	1	1	1	1	0	0	0	1	0	0	1	1	0	0	1	1	1	0	0	1	1	0	1	1	0	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	21	42.00	50.00
Trees																																																				0	0.00	0.00
Juniper																																																				0	0.00	0.00
Pinon																																																				0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	42	84.00	100.00
Cryptobiotic																																																				0	0.00	
Physical Features																																																						
Litter																																																						
Rock																																							1								1					2	4.00	
Bare Ground	1														1					1				1			1												1													6	12.00	
Total Physical Features	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	8	16.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Oryzopsis hymenoides, Medicago sativa present

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area:3** | **Transect:8** | **UTM:0555183/4367730** | **Heading:13**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1																				1						1						1																	4	8.00	8.51
Atriplex confertifolia																																																				0	0.00	0.00
Artemisia nova																																																				0	0.00	0.00
Artemisia tridentata tridentata		1	1																	1						1																									4	8.00	8.51
Chrysothamnus nauseosus																																																				0	0.00	0.00
Chrysothamnus viscidiflorus									1	1				1	1				1						1																		1				1	1			9	18.00	19.15
Cowania mexicana																																																				0	0.00	0.00
Ceratoides lanata																																																				0	0.00	0.00
Ephedra viridis																																																				0	0.00	0.00
Sarcobatus vermiculatus																																																				0	0.00	0.00
Gutierrezia sarothrae																																																				0	0.00	0.00
Total Shrubs Cover	1	1	1	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	17	34.00	36.17
Forbs & Succulents																																																				0	0.00	0.00
Machaeranthera canescens																																				1					1										2	4.00	4.26
Medicago sativa																																																				0	0.00	0.00
Melilotus officinalis																																																				0	0.00	0.00
Penstemon palmeri																																																				0	0.00	0.00
Sphaeralcia coccinea																																																				0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	4.00	4.26
Grasses																																																				0	0.00	0.00
Agropyron smithii																																																				0	0.00	0.00
Agropyron spicatum				1	1			1			1	1	1				1	1				1	1	1					1	1	1				1			1	1	1		1			1	1			1	1	23	46.00	48.94
Agropyron cristatum																																																				0	0.00	0.00
Agropyron trachycaulum																																																				0	0.00	0.00
Bromus tectorum																																																				0	0.00	0.00
Elymus elinus																																					1															1	2.00	2.13
Elymus cinereus																1												1																								2	4.00	4.26
Elymus gigenteous																																																				0	0.00	0.00
Hilaria jamesii																																																				0	0.00	0.00
Oryzopsis hymenoides																																																				0	0.00	0.00
Sitanion hystrix																																																				0	0.00	0.00
Stipa comata																																																				0	0.00	0.00
Bromus japonicus																																1		1																		2	4.00	4.26
Total Grass Cover	0	0	0	1	1	0	0	1	0	0	1	1	1	0	0	1	1	1	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	1	1	0	1	1	1	1	0	1	0	0	1	1	0	0	1	1	28	56.00	59.57
Trees																																																					
Juniper																																																				0	0.00	0.00
Pinon																																																				0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	47	94.00	100.00
Cryptobiotic																																																				0	0.00	
Physical Features																																																					
Litter						1																																														1	2.00	
Rock																																																				0	0.00	
Bare Ground								1																																				1							2	4.00	
Total Physical Features	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	3	6.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area:3** **Transect:9** **UTM:0555186/4367735** **Heading:282**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens								1					1			1		1					1																												5	10.00	11.63
Atriplex confertifolia																																																				0	0.00	0.00
Artemisia nova																																																				0	0.00	0.00
Artemisia tridentata tridentata														1	1				1																1							1									5	10.00	11.63
Chrysothamnus nauseosus					1																																						1								2	4.00	4.65
Chrysothamnus viscidiflorus																																												1							1	2.00	2.33
Cowania mexicana																																																				0	0.00	0.00
Ceratoides lanata																																																				0	0.00	0.00
Ephedra viridis																																																				0	0.00	0.00
Sarcobatus vermiculatus																																																				0	0.00	0.00
Gutierrezia sarothrae																																																				0	0.00	0.00
Total Shrubs Cover	0	0	0	0	1	0	0	1	0	0	0	0	1	1	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	13	26.00	30.23
Forbs & Succulents																																																					
Machaeranthera canescens																																																				0	0.00	0.00
Medicago sativa																								1												1											1				3	6.00	6.98
Melilotus officinalis																																																				0	0.00	0.00
Penstemon palmeri																																																				0	0.00	0.00
Sphaeralcia coccinea																																																				0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	3	6.00	6.98
Grasses																																																					
Agropyron smithii																																																				0	0.00	0.00
Agropyron spicatum		1	1			1	1		1	1							1												1	1	1	1		1			1				1				1			1	1	1	18	36.00	41.86
Agropyron cristatum																																																				0	0.00	0.00
Agropyron trachycaulum																																																				0	0.00	0.00
Bromus tectorum				1							1	1																																								3	6.00	6.98
Elymus salinus																																																				0	0.00	0.00
Elymus cinereus	1																								1														1	1							1				5	10.00	11.63
Elymus gigenteous																																																				0	0.00	0.00
Hilaria jamesii																																																				0	0.00	0.00
Oryzopsis hymenoides																				1																																1	2.00	2.33
Sitanion hystrix																																																				0	0.00	0.00
Stipa comata																																																				0	0.00	0.00
Total Grass Cover	1	1	1	1	0	1	1	0	1	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	1	1	1	1	0	1	0	0	1	1	1	0	1	0	0	0	1	1	0	1	1	1	27	54.00	62.79
Trees																																																					
Juniper																																																				0	0.00	0.00
Pinon																																																				0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	43	86.00	100.00
Cryptobiotic																																																				0	0.00	
Physical Features																																																					
Litter																																																				0	0.00	
Rock																																																				0	0.00	
Bare Ground																					1	1				1	1	1					1							1											7	14.00	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	7	14.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Agropyron cristatum present

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area:3** | **Transect:10** | **UTM:0555140/4367249** | **Heading:44**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens										1									1				1																							1					4	8.00	10.81
Atriplex confertifolia																																																				0	0.00	0.00
Artemisia nova																																																				0	0.00	0.00
Artemisia tridentata tridentata								1										1																			1	1	1													5	10.00	13.51
Chrysothamnus nauseosus																																																				0	0.00	0.00
Chrysothamnus viscidiflorus																																																	1			1	2.00	2.70
Cowania mexicana																																																				0	0.00	0.00
Ceratoides lanata																																																				0	0.00	0.00
Ephedra viridis																																																				0	0.00	0.00
Sarcobatus vermiculatus																																																				0	0.00	0.00
Gutierrezia serothrae																																																				0	0.00	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	1	0	10	20.00	27.03
Forbs & Succulents																																																						
Macheeranthera canescens																																																				0	0.00	0.00
Medicago sativa																											1					1				1				1								1			5	10.00	13.51
Melilotus officinalis																																																				0	0.00	0.00
Penstemon palmeri																																																				0	0.00	0.00
Sphaeralcia coccinea																																																				0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	5	10.00	13.51
Grasses																																																						
Agropyron smithii																																																				0	0.00	0.00
Agropyron spicatum		1	1			1	1		1				1	1	1		1			1				1	1	1								1	1								1	1	1					1	19	38.00	51.35
Agropyron cristatum																																																				0	0.00	0.00
Agropyron trachycaulum																																																				0	0.00	0.00
Bromus tectorum																													1																							1	2.00	2.70
Elymus salinus																																																				0	0.00	0.00
Elymus cinereus																																																				0	0.00	0.00
Elymus gigenteous																																																				0	0.00	0.00
Hilaria Jamesii																																																				0	0.00	0.00
Oryzopsis hymenoides																																	1																			1	2.00	2.70
Sitanion hystrix																																										1										1	2.00	2.70
Stipa comata																																																				0	0.00	0.00
Total Graminoid Cover	0	1	1	0	0	1	1	0	1	0	0	0	1	1	1	0	1	0	0	1	0	0	0	1	1	1	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	22	44.00	59.46
Trees																																																						
Juniper																																																				0	0.00	0.00
Pinon																																																				0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	0	1	1	0	0	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	37	74.00	100.00
Cryptobiotic																																																				0	0.00	
Physical Features																																																						
Litter					1																																															1	2.00	
Rock											1	1																																								2	4.00	
Bare Ground	1			1													1				1	1						1		1	1											1							1				10	20.00	
Total Physical Features	1	0	0	1	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	13	26.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Astragalus sp. Present

Horse Canyon Revegatation Project Tally Sheet

Date: Area:3 Transect:11 0555426/4368073 Heading:210

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens					1	1	1	1																							1										1	1									7	14.00	17.95
Atriplex confertifolia																																																				0	0.00	0.00
Artemisia nova																																																				0	0.00	0.00
Artemisia tridentata tridentata															1								1	1	1				1	1		1	1	1	1		1	1	1					1	1	1	1				16	32.00	41.03
Chrysothamnus nauseosus		1																																									1									2	4.00	5.13
Chrysothamnus viscidiflorus																																																				0	0.00	0.00
Cowania mexicana																																																				0	0.00	0.00
Ceratoides lanata																																																				0	0.00	0.00
Ephedra viridis																																																				0	0.00	0.00
Sarcobatus vermiculatus																																																				0	0.00	0.00
Gutierrezia sarothrae																																																				0	0.00	0.00
Total Shrubs Cover	0	1	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	25	50.00	64.10
Forbs & Succulents																																																				0	0.00	0.00
Machaeranthera canescens																																																				0	0.00	0.00
Medicago sativa																																																				0	0.00	0.00
Melilotus officinalis																																																				0	0.00	0.00
Penstemon palmeri																																																				0	0.00	0.00
Sphaeralcia coccinea																																																				0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Grasses																																																						
Agropyron smithii																																																				0	0.00	0.00
Agropyron spicatum	1		1							1	1																																								1	5	10.00	12.82
Agropyron cristatum																																																				0	0.00	0.00
Agropyron trachycaulum																																																				0	0.00	0.00
Bromus tectorum																																																				0	0.00	0.00
Elymus salinus																																																				0	0.00	0.00
Elymus cinereus									1					1		1	1	1	1	1								1																								8	16.00	20.51
Elymus giganteous																																																				0	0.00	0.00
Hilaria jamesii																																																				0	0.00	0.00
Oryzopsis hymenoides																																																				0	0.00	0.00
Sitanion hystrix				1																																																1	2.00	2.56
Stipa comata																																																				0	0.00	0.00
Total Grass Cover	1	0	1	1	0	0	0	0	1	1	1	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	14	28.00	35.90
Trees																																																						
Juniper																																																				0	0.00	0.00
Pinon																																																				0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	39	78.00	100.00
Cryptobiotic																																																				0	0.00	
Physical Features																																																						
Litter																										1									1					1									1		4	8.00	
Rock																						1																														1	2.00	
Bare Ground												1	1								1						1												1									1			6	12.00	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	11	22.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Melilotus o. present

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area:3** | **Transect:12** | **UTM:0555520/4368051** | **Heading:248**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens								1	1	1	1	1					1	1	1	1				1			1							1											1						13	26.00	28.26
Atriplex confertifolia																																																				0	0.00	0.00
Artemisia nova																																																				0	0.00	0.00
Artemisia tridentata tridentata		1	1																												1	1			1														1		6	12.00	13.04
Chrysothamnus nauseosus																																							1	1													2	4.00	4.35
Chrysothamnus viscidiflorus																																																				0	0.00	0.00
Cowania mexicana																																																				0	0.00	0.00
Ceratoides lanata																																																				0	0.00	0.00
Ephedra viridis																																																				0	0.00	0.00
Sarcobatus vermiculatus																																																				0	0.00	0.00
Gutierrezia sarothrae																																																				0	0.00	0.00
Total Shrubs Cover	0	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	1	0	0	1	0	0	0	1	1	0	1	1	0	0	0	1	1	0	0	0	0	1	0	0	0	1	0	21	42.00	45.65
Forbs & Succulents																																																					
Machaeranthera canescens																																																				0	0.00	0.00
Medicago sativa																																																				0	0.00	0.00
Melilotus officinalis																																	1																			1	2.00	2.17
Penstemon palmeri																																																				0	0.00	0.00
Sphaeralcia coccinea																																																				0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2.00	2.17
Grasses																																																					
Agropyron smithii																																																				0	0.00	0.00
Agropyron spicatum							1						1	1								1				1		1	1	1						1	1													1	11	22.00	23.91
Agropyron cristatum																																																				0	0.00	0.00
Agropyron trachycaulum																																																				0	0.00	0.00
Bromus tectorum	1																																																			1	2.00	2.17
Elymus salinus																																																				0	0.00	0.00
Elymus cinereus							1								1								1		1													1			1	1	1	1		1	1	1			12	24.00	26.09
Elymus gigenteous																																																				0	0.00	0.00
Hilaria jamesii																																																				0	0.00	0.00
Oryzopsis hymenoides																																																				0	0.00	0.00
Sitanion hystrix																																																				0	0.00	0.00
Stipa comata																																																				0	0.00	0.00
Total Grass	1	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	0	1	1	1	0	1	24	48.00	52.17
Trees																																																					
Juniper																																																				0	0.00	0.00
Pinon																																																				0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	46	92.00	100.00
Cryptobiotic																																																				0	0.00	
Physical Features																																																					
Litter																																																				0	0.00	
Rock																																																				0	0.00	
Bare Ground				1	1											1					1																															4	8.00	
Total Physical Features	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area:3** **Transect:13** **UTM:0555527/4368035** **Heading:274**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1	1	1				1									1	1						1	1	1	1	1					1	1					1			1		1		1	1					18	36.00	40.91
Atriplex confertifolia																																																				0	0.00	0.00
Artemisia nova																																																				0	0.00	0.00
Artemisia tridentata tridentata					1	1				1	1																		1	1	1						1					1									9	18.00	20.45
Chrysothamnus nauseosus																																																				0	0.00	0.00
Chrysothamnus viscidiflorus																																		1																		1	2.00	2.27
Cowania mexicana																																																				0	0.00	0.00
Ceratoides lanata																																																				0	0.00	0.00
Ephedra viridis																																																				0	0.00	0.00
Sarcobatus vermiculatus																																																				0	0.00	0.00
Gutierrezia sarothrae																																																				0	0.00	0.00
Total Shrubs Cover	1	1	1	0	1	1	1	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	0	1	1	0	0	0	0	28	56.00	63.64
																																																					0.00	0.00
Forbs & Succulent																																																				0	0.00	0.00
Machaeranthera canescens																																																				0	0.00	0.00
Medicago sativa																																																				0	0.00	0.00
Melilotus officinalis																																			1	1																2	4.00	4.55
Penstemon palmeri																						1						1																								2	4.00	4.55
Sphaeralcia coccinea																																																				0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8.00	9.09
Grasses																																																				0	0.00	0.00
Agropyron smithii																																																				8	16.00	18.18
Agropyron spicatum												1	1	1				1	1																				1	1								1				0	0.00	0.00
Agropyron cristatum																																																				0	0.00	0.00
Agropyron trachycaulum																																																				0	0.00	0.00
Bromus tectorum																																																				0	0.00	0.00
Elymus salinus																																																				0	0.00	0.00
Elymus cinereus															1						1																							1					1		4	8.00	9.09
Elymus gigenteous																																																				0	0.00	0.00
Hilaria jamesii																																																				0	0.00	0.00
Oryzopsis hymenoides																																																				0	0.00	0.00
Sitanion hystrix																																																				0	0.00	0.00
Stipa comata																																																				0	0.00	0.00
Total Grasses	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	1	1	0	12	24.00	27.27
Trees																																																						
Juniper																																																				0	0.00	0.00
Pinon																																																				0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	44	88.00	100.00
Cryptobiotic																																																				0	0.00	
Physical Features																																																				0	0.00	
Litter																																																						
Rock																					1																															1	2.00	
Bare Ground					1			1	1																																						1			1	5	10.00	
Total Physical Features	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	6	12.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area:3** | **Transect:14** | **UTM:0555512/4368018** | **Heading:16** | **Coordinates:**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens									1	1						1	1	1				1	1										1							1	1					1			1		12	24.00	29.27
Atriplex confertifolia																																																			0	0.00	0.00
Artemisia nova																																																			0	0.00	0.00
Artemisia tridentata tridentata				1				1			1	1	1	1	1																								1												8	16.00	19.51
Chrysothamnus nauseosus		1																																																	1	2.00	2.44
Chrysothamnus viscidiflorus																																																			0	0.00	0.00
Cowania mexicana																																																			0	0.00	0.00
Ceratoides lanata																																																			0	0.00	0.00
Ephedra viridis																																																			0	0.00	0.00
Sarcobatus vermiculatus																																																			0	0.00	0.00
Gutierrezia sarothrae																																																					
Total Shrubs Cover	0	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	1	0	21	42.00	51.22
Forbs & Shrubs																																																			0	0.00	0.00
Macheeranthera canescens																																																			0	0.00	0.00
Medicago sativa																																		1	1	1	1								1						5	10.00	12.20
Melilotus officinalis																																																			0	0.00	0.00
Penstemon palmeri																																																			0	0.00	0.00
Sphaeralcia coccinea																																																			5	10.00	12.20
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0			
Grasses																																																			0	0.00	0.00
Agropyron smithii																																																			0	0.00	0.00
Agropyron spicatum																																																			8	16.00	19.51
Agropyron cristatum																									1	1	1	1															1	1			1	1			0	0.00	0.00
Agropyron trachycaulum																																																			0	0.00	0.00
Bromus tectorum																																																			0	0.00	0.00
Elymus salinus																																																			6	12.00	14.63
Elymus cinereus			1																1	1	1			1																		1									0	0.00	0.00
Elymus gigenteous																																																			0	0.00	0.00
Hilaria jameii																																																			0	0.00	0.00
Oryzopsis hymenoides																																																			0	0.00	0.00
Sitanion hystrix																																																			0	0.00	0.00
Stipa comata																																							1												1	2.00	2.44
Bromus inermis																																																					
Total Grasses	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	1	0	0	15	30.00	36.59
Trees																																																			0	0.00	0.00
Juniper																																																			0	0.00	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	41	82.00	100.00
Cryptobiotic																																																			0	0.00	
Physical Features																																																					
Litter							1	1																																											2	4.00	
Rock																																																			0	0.00	
Bare Ground	1				1																								1	1	1	1																			1	7	14.00	
Total Physical Features	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	18.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	
Comments:																																																					
Cliffrose present																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area:3** **Transect:15** **UTM:0555511/4368061** **Heading:238**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens									1	1	1			1							1	1		1						1				1																	9	18.00	19.57
Atriplex confertifolia																																																				0	0.00	0.00
Artemisia nova																																																				0	0.00	0.00
Artemisia tridentata tridentata													1										1			1	1	1	1																						6	12.00	13.04
Chrysothamnus nauseosus																																									1		1	1		1					4	8.00	8.70
Chrysothamnus viscidiflorus																																																				0	0.00	0.00
Cowania mexicana																																																				0	0.00	0.00
Ceratoides lanata																																																				0	0.00	0.00
Ephedra viridis																																																				0	0.00	0.00
Sarcobatus vermiculatus																																																				0	0.00	0.00
Gutierrezia sarothrae																																																						
Total Shrubs Cover	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1	0	1	1	0	1	0	0	0	0	19	38.00	41.30
Forbs & Succulents																																																				0	0.00	0.00
Machaeranthera canescens																																																				0	0.00	0.00
Medicago sativa																																	1		1				1	1											7	14.00	15.22
Melilotus officinalis	1	1			1																																															0	0.00	0.00
Penstemon palmeri																																																				0	0.00	0.00
Sphaeralcia coccinea																																																				7	14.00	15.22
Total Forb Cover	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0			
Grasses																																																				0	0.00	0.00
Agropyron smithii																																										1							1			9	18.00	19.57
Agropyron spicatum				1	1			1	1				1			1	1																																			0	0.00	0.00
Agropyron cristatum																																																				0	0.00	0.00
Agropyron trachycaulum																																																				4	8.00	8.70
Bromus tectorum																																					1								1		1	1			0	0.00	0.00
Elymus salinus																																																				5	10.00	10.87
Elymus cinereus																		1	1	1	1																1															0	0.00	0.00
Elymus giganteous																																																				0	0.00	0.00
Hilaria jamesii																																																				0	0.00	0.00
Oryzopsis hymenoides																																																				1	2.00	2.17
Sitanion hystrix																																							1													0	0.00	0.00
Stipa comata																																																				1	2.00	2.17
Vulpia octoflora																									1																												
Total Grass Cover	0	0	1	1	0	0	1	1	0	0	0	1	0	0	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	1	0	1	1	1	0	20	40.00	43.48
Trees																																																				0	0.00	0.00
Juniper																																																				0	0.00	0.00
Pinon																																																				0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	46	92.00	100.00
Cryptobiotic																																																				0	0.00	
Physical Features																																																						
Litter							1																										1																			2	4.00	
Rock																																																				0	0.00	
Bare Ground																																1																			1	2	4.00	
Total Physical Features	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Curly cup gum weed present

Canada thistle present

Horse Canyon Revegatation Project Tally Sheet

Date: | Area:6 | Transect:1 | UTM:0555414/4368143 | Heading:60

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1						1			1		1					1	1	1	1	1				1							1	1													12	24	25.00
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																																				0	0	0.00
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus					1																																															1	2	2.08
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																														1						1	2	2.08
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	14	28	29.17
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																			1	1	2	2.08
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2.08
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1	1	1	1							1		1	1		1		1				1						1	1	1		1				1	1			1	1		1	1	1			1	1	1		24	48	50.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum							1	1	1	1									1	1														1							1				1						9	18	18.75
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	0	0	1	1	1	1	1	0	1	1	0	1	0	1	1	1	1	0	0	0	0	0	1	1	1	0	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	0	33	66	68.75
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	48	96	100.00
Criptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground																																	1	1																			2	4	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Deer pellets present

Generally drier; seems more cheat grass, not as effective as "3" across the canyon

Yellow clover present

Penstemon palmeri present

Horse Canyon Revegatation Project Tally Sheet

Date: | Area:6 | Transect:2 | UTM:0555449/4368153 | Heading:90

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens										1	1	1	1	1			1	1	1								1	1	1			1	1			1					1										15	30	31.91
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																		1																		1	2	2.13
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Coweria mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrube Cover	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	16	32	34.04
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
																																																					0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1	1	1					1								1				1	1			1	1	1				1	1				1															1	14	28	29.79
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum				1	1	1	1		1						1							1															1	1	1	1		1	1	1	1	1		1			17	34	36.17
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigantecus																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	1	1	1	0	1	1	1	0	0	0	1	1	0	0	0	1	0	1	1	1	1	0	1	1	1	1	1	0	1	0	1	31	62	66.96
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	47	94	100.00
Criptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																1				1	2	
Bare Ground																							1																											1		2	4	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3	6	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Snake weed present, Japanese brome present

Horse Canyon Revegatation Project Tally Sheet

Date: Area:6 Transect:3 UTM:0555475/4368152 Heading:234

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens												1				1	1	1					1				1																				1	1			8	16	17.78
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata													1											1		1																							1	4	8	8.89
Chrysothamnus nauseosus																						1																												1	2	2.22
Chrysothamnus viscidiflorus																												1							1				1	1						1				5	10	11.11
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																			1																																1	2	2.22
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	19	38	42.22
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum										1	1										1				1				1	1		1	1			1	1	1			1	1		1	1				1	16	32	35.56
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum			1					1	1					1	1																																				5	10	11.11
Elymus elimus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides				1	1	1	1																											1																5	10	11.11
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	1	0	0	0	1	1	0	1	1	1	0	1	1	1	0	0	1	1	0	1	1	0	0	0	0	1	26	52	57.78
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	45	90	100.00
Criptobiotic																																																			0	0	
Physical Features																																																					
Litter		1																																																	1	2	
Rock																															1																				1	2	
Bare Ground	1																				1																						1								3	6	
Total Physical Features	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5	10	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Curtycup gum weed present

Horse Canyon Revegatation Project Tally Sheet

Date: Area:6 Transect:4 UTM:0555444/4368140 Heading:110

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																													1						1	2	2.27
Atriplex confertifolia																																																			0	0	0.00
Atriplex cuneata																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata					1																																		1	1						1				4	8	9.09
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																				1			1	1					1						1	1	1				1									8	16	18.18
Cowania mexicana																																																			0	0	0.00
Gutierrezia sarothrae																																														1					1	2	2.27
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Unknown Buckwheat																																																			0	0	0.00
Total Shrube Cover	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	1	1	1	0	0	0	14	28	31.82
Forbs & Succulents																																																					
Macheeranthera canescens																																																			0	0	0.00
Medicago sativa																																	1																		1	2	2.27
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.27
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1	1	1	1		1	1		1	1	1	1	1	1		1											1	1		1	1			1															1	19	38	43.18
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum								1																																											1	2	2.27
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																												1							1	2	2.27
Elymus gigantecus																									1																	1								2	4	4.55
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																			1			1																1												3	6	6.82
Sitanion hystrix																																																			0	0	0.00
Stipa comata																		1			1																														2	4	4.55
Bromus japonicus															1																																				1	2	2.27
Total Grass Cover	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0	0	1	0	1	1	0	1	1	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	1	29	58	65.91
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	44	88	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																											1								1	2	
Rock																																																			0	0	
Bare Ground																	1									1						1																1	1		5	10	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	6	12	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | Area:6 | Transect:5 | UTM:0555488/4368128 | Heading:222

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																								1					1																						2	4	4.26
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata		1	1	1												1			1				1																												6	12	12.77
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus	1																																			1			1	1									1			5	10	10.64
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	13	26	27.66
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																																			1	20	40	42.55
Agropyron spicatum					1	1	1	1	1	1	1	1	1	1	1		1	1		1					1	1	1	1							1															0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																					1				1		1	1	1	1			1		7	14	14.89
Bromus tectorum																															1																					1	2	2.13
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Galeta Grass																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																					1	1											1									1					1				6	10	10.64
Sitanion hystrix																																		1																		1	2	2.13
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	0	0	1	1	1	1	0	0	1	0	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	0	1	1	34	68	72.34
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	47	94	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																				0	0	
Litter																														1																						1	2	
Rock																																																				0	0	
Bare Ground																																1						1														2	4	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3	6	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Unknown grass #3, unknown grass #4(Tesine?), Unknown grass #5 (dense head - cured seed head only), yellow clover, weed, unknown #6 (rye) present

Unknown #5 (timothy), Unknown astragalus (purple poker, Hedysarum boreale, sweet vetch), Saline Wild Rye, Curly cup gum present

Horse Canyon Revegatation Project Tally Sheet

Date: | Area:6 | Transect:6 | UTM:0555528/4368127 | Heading:312

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens										1	1	1										1	1	1													1	1									1				9	18	20.93
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata				1					1							1																												1	1	1				6	12	13.95
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	0	15	30	34.88
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum			1				1						1	1	1		1	1	1		1				1	1	1	1		1	1																			1	16	32	37.21
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum					1																												1	1							1								1	5	10	11.63
Elymus elymus																																										1	1					1			3	6	6.98
Elymus cinereus																																1			1	1															3	6	6.98
Elymus giganteus																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																							1												1	2	2.33
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	0	1	0	1	0	0	0	0	0	1	1	1	0	1	1	1	0	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	0	1	1	1	0	0	0	0	1	1	1	28	56	65.12
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	43	86	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																					1																														1	2	
Rock																																																			0	0	
Bare Ground	1	1					1		1																				1											1										6	12	
Total Physical Features	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	7	14	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Sysimbrim altissima - Tumble mustard present

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area:6** | **Transect:7** | **UTM:0555504/4368197** | **Heading:178**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1												1	1		1	1	1			1	1				1														1	1		1	1		13	26	26.53
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata				1			1	1								1	1			1					1																									7	14	14.29
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																	1																		1	2	2.04
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata		1	1						1			1																																							4	8	8.16
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	1	1	0	1	1	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	25	50	51.02
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum											1				1													1	1	1		1				1	1	1	1	1	1	1	1	1			1			1	17	34	34.69
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum	1				1					1			1	1																				1																	6	12	12.24
Elymus salinus																																																			0	0	0.00
Elymus cinereus																								1																											1	2	2.04
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	0	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	24	48	48.98
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	49	98	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																			1																1	2	
Rock																																																			0	0	
Bare Ground																																																			0	0	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | Area:6 | Transect:8 | UTM:0555550/4368172 | Heading:327

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens													1			1										1												1				1						1			6	12	12.24
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova			1	1																																															2	4	4.08
Artemisia tridentata tridentata		1													1																								1				1	1					1		6	12	12.24
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata	1				1	1		1																																											4	8	8.16
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	1	1	1	1	0	1	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	1	1	0	18	36	36.73
Forbs & Succulents																																																			0	0	0.00
Macheeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																											1	1	1																						1	4	8	8.16
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum							1		1	1	1	1		1				1	1	1	1	1	1	1	1					1	1	1	1	1	1	1	1			1	1				1	1	1				27	54	55.10
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria Jameii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	1	0	1	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1	1	1	0	0	1	31	62	63.27
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	49	98	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																	1																																			1	2	
Bare Ground																																																			0	0	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Penstemon palmeri present

Horse Canyon Revegatation Project Tally Sheet

Date: | Area:6 | Transect:9 | UTM:0555561/4368193 | Heading:56

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens												1												1	1	1										1										1	1				7	14	14.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata	1								1																		1										1						1		1	1			1		8	16	16.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Coleania mexicana																																																			0	0	0.00
Cerratoides lanata																																											1								1	2	2.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	16	32	32.00
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																		1	5	10	10.00
Agropyron spicatum											1								1	1	1																														0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum		1	1	1	1	1	1	1		1			1	1	1	1	1	1				1	1					1	1	1	1	1	1	1	1			1	1	1	1								1		29	58	58.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria Jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	34	68	68.00
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground																																																			0	0	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Old cattle sign

Lots of Cheat grass

Horse Canyon Revegatation Project Tally Sheet

Date: | Area:6 | Transect:10 | UTM:0555596/4368166 | Heading:250

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens							1													1					1												1				1										5	10	11.11
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova								1						1	1	1						1														1							1					1			8	16	17.78
Artemisia tridentata tridentata	1	1			1													1						1			1																								6	12	13.33
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus			1																																																	1	2	2.22
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																					1																														1	2	4	4.44
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	1	1	0	1	0	1	1	0	0	0	0	0	1	1	1	0	1	0	1	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1	0	0	0	0	1	0	1	22	44	48.89
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum				1								1	1															1														1									5	10	11.11
Agropyron cristatum									1																																											1	2	2.22
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum							1				1	1						1									1			1		1	1	1	1	1			1	1	1					1	1	1				17	34	37.78
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	1	0	1	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	1	1	1	1	1	0	0	1	1	1	0	1	0	0	1	1	1	0	0	0	23	46	51.11
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	45	90	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground																			1				1							1														1					1		5	10	
Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	5	10	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | Area:6 | Transect: 11 | UTM:0555553/4368185 | Heading:30

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1			1	1																1																											4	8	9.52
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata		1										1	1	1															1	1					1	1						1									1	10	20	23.81
Chrysothamnus nauseosus					1																																															1	2	2.38
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Cerstoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	1	0	1	1	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	15	30	35.71
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																																				10	20	23.81
Agropyron spicatum						1																	1		1						1							1	1	1			1		1	1					0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				17	34	40.48
Bromus tectorum	1		1						1	1	1				1	1	1	1		1	1	1					1	1				1															1		1		0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				27	54	64.29
Total Grass Cover	1	0	1	0	0	1	0	0	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	0	1	0	1	1	0	0	1	1	0	0	0	0	0	1	1	1	0	0	1	0	1	1	1	0	1	0			
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	0	1	1	1	0	1	1	0	1	1	1	0	1	1	42	84	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																				1														1																	2	4	
Bare Ground																											1						1				1				1			1				1			6	12	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	1	0	0	0	1	0	0	8	16	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | Area:6 | Transect:12 | UTM:0555581/4368228 | Heading:72

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens		1																																																		1	2	2.27
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata	1				1				1	1													1	1			1	1																								8	16	18.18
Chrysothamnus nauseosus																																													1							1	2	2.27
Chrysothamnus viscidiflorus																1		1	1						1	1															1	1	1	1							9	18	20.45
Cowania mexicana																																																				0	0	0.00
Cercotoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	1	0	0	1	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	19	38	43.18
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																					1	1		1												3	6	6.82
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	3	6	6.82
Grasses																																																				1	2	2.27
Agropyron smithii																					1																															1	2	2.27
Agropyron spicatum															1																																					0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				16	32	36.36
Bromus tectorum												1	1	1							1								1			1	1	1	1	1			1						1	1	1	1	1			0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				2	4	4.55
Oryzopsis hymenoides																															1	1																					0	0	0.00
Sitanion hystrix																																																				1	2	2.27
Stipa comata											1																																									1	2	2.27
Bromus inermis																	1																																			22	44	50.00
Total Graminoid Cover	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1			
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	44	88	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground				1	1		1	1	1														1																													6	12	
Total Physical Features		0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: **Area:6** **Transect:13** **UTM:0555597/4368189** **Heading:250**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																													1	1			1									1	1	1	1								
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova			1			1																1	1																												4	8	9.52
Artemisia tridentata tridentata							1				1							1							1															1									1	6	12	14.29
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Cerstoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	1	0	17	34	40.48
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																											1	1																							2	4	4.76
Sisymbrium altissimum																																																			2	4	4.76
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4.76
Grasses																																																			0	0	0.00
Agropyron smithii																																																			5	10	11.90
Agropyron spicatum	1							1				1		1					1																																0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			16	36	42.86
Bromus tectorum				1					1	1					1	1	1			1											1	1		1	1		1	1	1		1					1	1	1			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Graminoid Cover	1	0	0	1	0	0	0	1	1	1	0	1	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	0	1	0	0	0	0	1	1	1	0	0	23	46	54.76
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	0	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	42	84	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground		1			1								1									1			1		1										1													1	8	16	
Total Physical Features	0	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	8	16	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date:6/23/03 | Area:6 | Transect:14 | UTM:0556617/4368219 | 210

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																									1						1									1							1	1		5	10	17.24
Chrysothamnus nauseoeus																																																			0	0	0.00
Chrysothamnus viscidiflorus						1	1		1			1						1														1						1	1												8	16	27.59
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																1	1			1																	1													4	8	13.79
Total Shrubs Cover	0	0	0	0	0	1	1	0	1	0	0	1	0	0	0	1	1	1	0	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	17	34	58.62
Forbs & Succulents																																																			0	0	0.00
Macheeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum	1	1		1						1	1																							1	1	1															8	16	27.59
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides														1								1	1										1																		4	8	13.79
Stanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Graminoid Cover	1	1	0	1	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	24	41.38
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	0	1	1	0	1	1	1	1	0	1	0	1	1	1	0	1	0	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	29	58	100.00
Cryptobiotic																								1		1	1	1																							4	8	
Physical Features																																																					
Litter			1																1																																2	4	
Rock																																																					
Bare Ground					1			1					1		1						1								1	1											1	1	1	1	1	1	1			1	15	30	
Total Physical Features	0	0	1	0	1	0	0	1	0	0	0	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	17	34	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date:6/23/03 | Area:6 | Transect:15 | UTM:0555550/4368179 | Heading:240

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1	1																								1																						3	6	6.82
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata	1																																	1												1					3	6	6.82
Chrysothamnus nauseoeus																																				1	1														2	4	4.55
Chrysothamnus viscidiflorus														1		1																																			1	3	6	6.82
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata		1																																																		1	2	2.27
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	12	24	27.27
Forbs & Succulents																																																					
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum								1	1	1			1				1	1		1		1				1	1																									10	20	22.73
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum			1				1								1				1					1				1		1	1	1	1		1			1	1	1	1	1	1	1	1			1	1		21	42	47.73
Elymus Salinus																																																				0	0	0.00
Elymus cinereus						1																																														1	2	2.27
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	1	0	0	1	1	1	1	1	0	0	1	0	1	0	1	1	1	1	0	1	0	1	0	1	1	1	0	1	1	1	1	0	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	32	64	72.73
Trees																																																					
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	44	88	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																					
Litter																						1		1		1																										3	6	
Rock											1	1																																								2	4	
Bare Ground																																															1					1	2	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	6	12	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Area 6 Cover Data

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:1 | UTM:0555377/4368072 | Heading:51

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens					1	1	1	1								1	1	1					1				1		1		1		1			1	1	1						1				1	1	1	19	38	42.22
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata														1	1				1		1	1		1	1	1		1		1		1								1											12	24	26.67
Chrysothamnus nauseosus																																													1						1	2	2.22
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	1	0	0	0	1	1	0	0	1	1	1	32	64	71.11
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum	1	1		1					1		1		1																						1				1		1	1	1				1				12	24	26.67
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigantecus																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																														1						1	2	2.22
Total Grass Cover	1	1	0	1	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	1	0	0	1	1	0	0	0	13	26	28.89
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	45	90	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																		1																		1	2	
Rock																																																				0	0	
Bare Ground			1							1		1								1																																4	8	
Total Physical Features	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:2 | UTM:0585375/4388063 | Heading:0

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																				1	1	1																				1	1							1	6	12	17.14
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova													1	1																																						2	4	5.71
Artemisia tridentata tridentata	1		1						1	1																	1					1	1	1			1	1	1												11	22	31.43
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus				1	1	1																																														3	6	8.57
Cowania mexicana																																																				0	0	0.00
Cercocarpus ledifolius																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																									1											1	2	2.86
Total Shrubs Cover	1	0	1	1	1	1	0	0	1	1	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	1	1	1	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	1	23	46	65.71
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																				1					1	1		1		1	1														1						7	14	20.00
Bromus tectorum																																													1	1	1	1	1		5	10	14.29
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	12	24	34.29
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	1	1	1	1	0	0	1	1	0	0	1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	35	70	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter							1	1																																												2	4	
Rock																																																				0	0	
Bare Ground		1								1	1				1	1	1	1					1	1					1						1	1				1											13	26	
Total Physical Features	0	1	0	0	0	0	1	1	0	1	1	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	15	30	
	1	1	1	1	1	1	1	1	1	2	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																						

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:3 | 0565350/4368682 | Heading:25

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																									1	1									2	4	7.14
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata						1							1										1				1	1		1			1	1					1									1	1	11	22	39.29
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus				1	1																											1					1						1	1		1					7	14	25.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	1	1	1	0	0	1	0	1	0	1	1	1	1	0	1	0	0	1	1	20	40	71.43
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																				1	1																														2	4	7.14
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri	1																																																		1	2	3.57
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	10.71
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum										1		1						1			1																														4	8	14.29
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																1			1	2	3.57
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5	10	17.86
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	1	1	1	0	0	0	1	0	1	1	0	0	0	0	1	1	1	1	0	1	0	0	0	1	1	0	1	0	1	1	1	0	0	1	0	1	0	1	1	1	1	0	1	0	1	1	1	28	56	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																		1																							1										3	6	
Rock																																																			0	0	
Bare Ground		1	1				1	1	1		1			1	1	1						1		1	1	1			1		1					1		1						1		1				19	38	
Total Physical Features	0	1	1	0	0	0	1	1	1	0	1	0	0	1	1	1	1	0	0	0	0	1	0	1	1	1	0	0	1	0	1	0	0	0	1	1	0	1	0	1	0	0	0	0	1	0	1	0	0	0	22	44	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:4 | UTM:0555371/4368061 | Heading:36

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																	1	1	1		1	1	1								1				7	14	22.58
Atriplex canescens																																																				0	0	0.00
Atriplex confertifolia																																																				1	2	3.23
Artemisia nova										1																															1	1	1	1	1		1	1	1	13	26	41.94
Artemisia tridentata tridentata	1						1	1																				1			1																				0	0	0.00
Chrysothamnus nauseosus																																																				4	8	12.90
Chrysothamnus viscidiflorus			1	1																					1	1																										0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																						
Total Shrubs Cover	1	0	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	1	0	1	1	1	0	1	1	1	0	1	1	1	1	1	0	1	1	1	1	25	50	80.65
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				1	2	3.23
Medicago sativa		1																																																		0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																						
Total Forb Cover	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.23
Grasses																																																				0	0	0.00
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																													1	1		1				1											1				5	10	16.13
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jameesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																						
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	5	10	16.13
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	31	62	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter					1	1							1																																							3	6	
Rock																																									1											1	2	
Bare Ground									1		1	1			1	1	1	1	1	1	1	1	1	1				1																								15	30	
Total Physical Features	0	0	0	0	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	19	38	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:5 | UTM:0565354/4368081 | Heading:83

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																	1	1																	2	4	6.67
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																						1			1																			1						3	6	10.00
Artemisia nova																																			1	1	1												1	17	34	56.67
Artemisia tridentata tridentata				1	1	1			1		1			1	1	1	1		1		1								1	1																				0	0	0.00
Chrysothamnus nauseosus																																								1	1					1	1				4	8	13.33
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																					
Total Shrubs Cover	0	0	0	1	1	1	0	0	1	0	1	0	0	1	1	1	1	0	1	0	1	1	0	0	1	0	0	0	1	1	0	0	1	1	1	1	1	0	0	1	1	0	0	1	0	0	1	1	0	1	28	52	86.67
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																	1		2	4	6.67
Agropyron spicatum												1																																							0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																							1				1								2	4	6.67
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																					
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	4	8	13.33
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	1	1	1	0	0	1	0	1	1	0	1	1	1	1	0	1	0	1	1	0	0	1	0	0	0	1	1	0	0	1	1	1	1	1	0	1	1	1	0	1	1	0	0	1	1	1	1	30	60	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter								1			1			1																		1	1						1												6	12	
Rock																																																			0	0	
Bare Ground	1	1	1					1											1		1			1	1		1	1	1														1			1	1				14	28	
Total Physical Features	1	1	1	0	0	0	1	1	0	1	0	0	1	0	0	0	0	0	1	0	1	0	0	1	1	0	1	1	1	0	0	1	1	0	0	0	0	0	1	0	0	0	1	0	0	1	1	0	0	0	20	40	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

6/23/2003 | Area:7 | Transect:8 | UTM:0555391/4368082 | Heading:207

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens							1	1	1	1	1															1																									6	12	15.00
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata													1	1								1		1				1	1	1				1				1	1		1				1						12	24	30.00
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																1	1			1												1	1																		5	10	12.50
Cowania mexicana					1																																															1	2	2.50
Cerstoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	1	0	1	1	1	1	1	0	1	1	0	1	1	0	0	1	0	1	0	1	0	1	0	1	1	1	0	1	1	1	0	0	0	1	1	0	1	0	0	0	1	0	0	0	0	0	24	48	60.00
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				1	2	2.50
Sphaeralcia coccinea																																				1																		
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.50
Grasses																																																				0	0	0.00
Agropyron smithii																																																			1	1	2	2.50
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				14	28	35.00
Bromus tectorum	1	1	1	1		1						1							1								1														1		1	1			1	1		1				
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	1	1	0	1	1	15	30	37.50
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	1	0	1	1	1	1	1	0	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	0	1	1	40	80	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter															1										1							1													1				1			5	10	
Rock																																																				0	0	
Bare Ground																			1			1		1												1		1														5	10	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	0	1	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	10	20	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Area 7 Cover Data

Horse Canyon Revegetation Project Tally Sheet

Date: 6/23/05 | Area: 7 | Transect: 7 | UTM: 0555369/4369074 | Heading: 205

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1															1	1																															3	6	11.11
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata		1				1		1			1	1	1	1				1							1	1	1						1	1			1		1				1					1	1		18	36	66.67
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus					1																																															1	2	3.70
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	1	0	1	1	1	0	1	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	1	0	1	0	0	0	1	0	0	0	0	1	1	0	22	44	81.48
Forbs & Succulents																																																				0	0	0.00
Macheeranthera canescens																																			1																	1	2	3.70
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.70
Grasses																																																				0	0	0.00
Agropyron smithii																																																			1	1	2	3.70
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				3	6	11.11
Bromus tectorum	1														1						1																															0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	4	8	14.81
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	1	1	0	1	0	0	1	1	1	1	1	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0	1	0	0	0	0	1	1	1	27	54	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter			1						1	1							1						1																						1						6	12	
Rock																																																				0	0	
Bare Ground								1								1								1	1				1	1	1	1	1				1		1		1	1	1		1		1	1			17	34	
Total Physical Features	0	0	1	0	0	0	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	0	1	0	1	1	1	0	1	1	1	1	0	0	0	23	46	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date: 6/23/03 | Area: 7 | Transect: 8 | 0555360/4368078 | Heading: 30

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens		1	1		1	1																							1																			1			6	12	15.79
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova								1																1																											2	4	5.26
Artemisia tridentata tridentata	1								1	1		1	1	1			1					1	1				1	1		1	1			1		1						1									16	32	42.11
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																						
Total Shrubs Cover	1	1	1	0	1	1	0	1	1	1	0	1	1	1	0	0	1	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	24	48	63.16
Forbs & Succulents																																																				0	0	0.00
Macheeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																					1		1													2	4	5.26
Sisymbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	4	5.26
Grasses																																																				0	0	0.00
Agropyron smithii																																																			1	1	2	2.63
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				10	20	26.32
Bromus tectorum				1				1												1						1	1					1	1								1		1	1							0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																		1		1	2	2.63
Stipa comata																																																						
Total Grass Cover	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	12	24	31.58
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	0	1	1	1	1	0	0	0	1	1	1	38	76	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																		1	1		1															1			1		1					1	1	1				9	18	
Rock																																																				0	0	
Bare Ground											1				1	1																																				3	6	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	1	1	1	0	0	0	12	24	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:9 | UTM:0555374/4368086 | Heading:90

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1	1											1	1				1																														5	10	11.63
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata										1	1	1	1		1															1	1				1	1			1		1	1		1	1	1					15	30	34.88
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																															1	1				2	4	4.65
Cowania mexicana																									1																											1	2	2.33
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	1	1	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	0	1	1	0	0	1	0	1	1	0	1	1	1	0	1	1	0	0	23	46	53.49
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																														1				1	2	4	4.65
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				18	36	41.86
Bromus tectorum	1	1	1			1	1		1					1					1	1			1	1			1		1			1	1			1	1											1			0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jameseii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	0	0	1	1	0	1	0	0	0	0	1	0	0	0	0	1	1	0	0	1	1	0	0	1	0	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	1	1	20	40	46.51
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	43	86	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter								1											1				1						1											1											5	10	
Rock																											1																									1	2	
Bare Ground																																											1									1	2	
Total Physical Features	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	7	14	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:10 | UTM:0555398/4388080 | Heading:107

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens		1													1	1		1									1	1			1	1	1																			9	18	20.93
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata				1		1				1							1			1	1								1																							7	14	16.28
Chrysothamnus nauseosus																																														1						1	2	2.33
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Cercocarpus ledifolius																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																						
Total Shrubs Cover	0	1	0	1	0	1	0	0	0	1	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	17	34	39.53
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcea coccinea																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																																		1		3	6	6.98
Agropyron spicatum																								1	1																											0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum			1		1			1	1		1		1	1					1			1				1				1					1	1		1	1	1	1						1			1	19	38	44.19
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																										1	1	1	1						4	8	9.30
Total Grass Cover	0	0	1	0	1	0	0	1	1	0	1	0	1	1	0	0	0	0	1	0	0	1	0	1	1	1	0	0	0	1	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1	1	26	52	60.47
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	43	86	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter	1						1					1																							1			1										1			6	12	
Rock																																																				0	0	
Bare Ground																								1																												1	2	
Total Physical Features	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	7	14	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Deer Sign present

Tumble mustard present

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:11 | UTM:0556483/4368093 | Heading:40 | Coordinates:88/10

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens								1	1						1	1				1			1		1									1		1		1	1	1	1			1	1					15	30	33.33
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata		1									1		1															1																							4	8	8.89
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																								1																											1	2	2.22
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	0	0	0	0	0	1	1	0	1	0	1	0	1	1	0	0	0	1	0	0	1	1	1	0	0	1	0	0	0	0	0	1	0	1	0	1	1	1	1	0	0	1	1	0	0	0	0	0	20	40	44.44
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			1	2	2.22
Sisymbrium altissimum	1																																																		1	2	2.22
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.22
Grasses																																																			0	0	0.00
Agropyron smithii																																																			1	2	2.22
Agropyron spicatum														1																																					0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			23	46	51.11
Bromus tectorum			1	1	1		1			1		1					1		1		1	1				1	1		1	1	1		1		1		1					1	1				1	1		1	0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	1	1	0	1	0	0	1	0	1	0	1	0	0	1	0	1	0	1	1	0	0	0	1	1	0	1	1	1	0	1	0	1	0	1	0	0	0	0	1	1	0	0	0	1	1	0	1	24	48	53.33
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	45	90	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter							1												1														1													1			1	5	10	
Rock																																																			0	0	
Bare Ground																																																			0	0	
Total Physical Features	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	5	10	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:12 | UTM:0555446/4368108 | Heading:36 | Coordinates:0/88

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1	1	1				1	1		1	1	1	1		1							1	1							1	1						1										15	30	34.88
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata		1		1									1					1			1				1			1			1						1	1					1	1			1	1		14	28	32.56
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																1							1												2	4	4.65
Cowania mexicana																																																			0	0	0.00
Cercocarpus ledifolius																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	0	0	0	1	1	1	1	0	0	1	1	0	1	1	0	1	1	1	1	0	0	1	1	0	0	1	1	0	0	31	62	72.09
																																																				0	0.00
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcea coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																														1			1			2	4	4.65
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum	1		1							1										1				1					1	1			1									1			1						10	20	23.26
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	12	24	27.91
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	43	86	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter								1	1														1	1													1						1								6	12	
Rock																																																			0	0	
Bare Ground																																																		1	1	2	
Total Physical Features	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	7	14	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:13 | UTM:0555433/4368075 | Heading:210 | Coordinates:0/14

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens							1																				1							1	1		1	1	1	1							1	1			10	20	23.81
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata		1		1	1			1	1	1	1	1	1	1				1						1	1	1					1	1	1								1	1	1							20	40	47.62
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																					
Total Shrubs Cover	0	1	0	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	0	0	30	60	71.43
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Medicago L																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																		1	1	2	2.38
Sphaeralcia coccinea																																																			1	2	2.38
Sisymbrium altissimum																						1																													2	4	4.76
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1			
Grasses																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			10	20	23.81
Bromus tectorum	1		1			1										1	1		1	1									1	1						1															0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20	23.81
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinion																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	1	42	84	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter															1							1		1					1																	1	1					6	12	
Rock																																																			0	0	
Bare Ground																																												1					1		2	4	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	8	16	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:14 | UTM:0555445/4368097 | Heading:99 | Coordinates:54/17

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens			1	1			1	1					1	1				1	1				1						1	1	1	1	1	1	1				1	1	1				1	1	1	1	1		24	48	54.55
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata															1					1	1	1		1													1					1									7	14	15.91
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus						1																						1																								2	4	4.55
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	1	1	0	1	1	1	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	1	1	1	1	0	0	1	1	1	1	1	0	33	66	75.00
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				11	22	25.00
Bromus tectorum		1			1				1	1	1	1				1									1	1												1							1						0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	1	0	0	1	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	11	22	25.00
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	44	88	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter	1																																			1															2	4	
Rock																																																				0	0	
Bare Ground																		1										1																1						1	4	8	
Total Physical Features	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	6	12
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100

Comments:

Globe Mallow present

Horse Canyon Revegetation Project Tally Sheet

Date:6/23/03 | Area:7 | Transect:15 | UTM:0555439/4358090 | Heading:61 | Coordinates:28/59

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1	1			1	1	1		1	1															1		1				1	1							1				1					13	26	26.26
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																1					1	1		1	1						1								1	1						1		1			10	20	21.74
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																											1																								1	2	2.17
Cowania mexicana																																																			0	0	0.00
Cercocarpus ledifolius																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	1	1	0	0	1	1	1	0	1	1	0	0	1	0	0	0	0	1	1	0	1	1	0	1	1	0	1	1	0	0	1	1	0	0	0	1	1	1	0	0	0	1	1	0	1	0	0	24	48	52.17
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																												1							1	2	2.17
Sisymbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	2	2.17
Grasses																																																			0	0	0.00
Agropyron smithii																																																			2	4	4.35
Agropyron spicatum																																	1										1								0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			17	34	36.96
Bromus tectorum	1	1	1								1			1	1			1	1	1	1			1			1					1				1	1	1									1				0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			1	2	2.17
Oryzopsis hymenoides																														1																					0	0	0.00
Sitanion hystrix							1																																												1	2	2.17
Stipa comata																																																					
Total Grass Cover	1	1	1	0	0	0	1	0	0	0	1	0	0	1	1	0	1	1	1	1	0	0	1	0	0	1	0	0	1	0	0	1	1	0	0	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	21	42	45.65
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	46	92	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter							1																																			1								2	4	
Rock																																																	1		1	2	
Bare Ground																																																		1	1	2	
Total Physical Features	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	4	8	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Area 11/13/14 Cover Data

Horse Canyon Revegetation Project Tally Sheet

UTM:0554919 / 4367537

Date: 6/27/03 | Area: 11 | Transect: 1 | Heading: 43

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																							1	1						1												1							1	1	6	12	15.38
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata					1																																														1	2	2.56
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																					
Total Shrubs Cover	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	7	14	17.95
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Salsola kali																																																			0	0	0.00
Sphaeralcia coccinea																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			26	52	66.67
Agropyron spicatum		1	1						1	1	1	1	1	1	1	1		1		1	1	1			1			1			1	1	1	1		1		1				1			1	1	1				0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			6	12	15.38
Bromus tectorum																	1										1										1		1	1								1				0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Sporobolus cryptandrus																																																			0	0	0.00
Stipa comata																																																					
Total Grass Cover	0	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	0	1	1	0	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	32	64	82.05
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	0	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	39	78	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter				1				1											1							1																	1				1			6	12	
Rock	1																																		1																2	4	
Bare Ground						1	1																						1																						3	6	
Total Physical Features	1	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	11	22	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:6/27/03 | Area:11 | Transect:2 | UTM:0554946 / 4367587 | Heading:72

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																														1	1	1			9	18	31.03
Atriplex canescens		1								1	1	1			1												1																								0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			3	6	10.34
Artemisia tridentata tridentata														1										1		1																									0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																					
Total Shrubs Cover	0	1	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	12	24	41.38
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			2	4	6.90
Medicago sativa																	1	1																																	0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Salsola kali																																																			0	0	0.00
Sphaeralcia coccinea																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6.90
Grasses																																																			0	0	0.00
Agropyron smithii																														1			1	1	1	1				1									1	1	12	24	41.38
Agropyron spicatum			1	1	1				1																																										0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																						1						1							2	4	6.90
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jameseii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Sporobolus cryptandrus																																																			0	0	0.00
Stipa comata																																													1						1	2	3.45
Bromus japonicus																																																					
Total Grass Cover	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	1	0	1	0	0	0	1	1	0	0	0	1	1	15	30	51.72
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	1	0	0	0	1	1	1	1	0	1	1	0	1	1	0	0	0	0	0	1	0	1	1	0	1	0	0	0	1	1	1	1	0	1	0	1	0	0	0	1	1	1	1	1	1	1	29	58	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																	1																		1	2	
Rock																																																			0	0	
Bare Ground	1						1	1	1					1			1			1	1	1	1	1		1			1		1	1						1		1		1	1	1								20	40	
Total Physical Features	1	0	0	0	0	1	1	1	0	0	0	0	1	0	0	1	0	0	1	1	1	1	1	0	1	0	0	1	0	1	1	1	0	0	0	0	1	0	1	0	1	1	1	0	0	0	0	0	0	0	21	42	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:6/27/03 | Area:11 | Transect:3 | UTM:0554964 / 4367557 | Heading:56

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens								1	1	1			1	1	1	1	1	1	1	1	1								1				1																		14	28	31.82
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																												1							1	2	2.27
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus		1																																							1					1					3	6	6.82
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	18	36	40.91
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			1	2	2.27
Melilotus officinalis	1																																																		0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																					
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.27
Grasses																																																			0	0	0.00
Agropyron smithii																																																			11	22	25.00
Agropyron spicatum			1	1	1																		1		1				1			1					1			1							1		1		0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			11	22	25.00
Bromus tectorum							1	1			1	1											1		1					1		1		1	1			1												0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Sporobolus cryptandrus																																																			0	0	0.00
Stipa comata																											1										1													1	3	6	6.82
Bromus inermis																																																					
Total Grass Cover	0	0	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	1	25	50	56.82
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	1	0	1	1	0	1	1	44	88	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																												1													1										2	4	
Rock																																																			0	0	
Bare Ground																																											1	1		1			1		4	8	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	1	0	0	1	0	0	6	12	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date: 6/27/03 | Area: 11 | Transect: 4 | UTM: 0554931 / 4367529 | Heading: 91

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens							1	1				1	1			1	1											1	1			1	1	1																	11	22	28.95
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																		1	1	0	0	0.00
Artemisia tridentata tridentata																																													1	1	1	1			2	4	5.26
Chrysothamnus nauseosus																					1																1		1			1	1								5	10	13.16
Chrysothamnus viscidiflorus																																																				4	8	10.53
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																														1																						1	2	2.63
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	1	0	1	0	0	1	1	0	1	1	1	1	1	1	23	46	60.53
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																																				11	22	28.95
Agropyron spicatum	1	1	1	1	1	1				1	1													1			1				1																					0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				1	2	2.63
Bromus tectorum																				1																																0	0	0.00
Elymus salinus																																																				3	6	7.89
Elymus cinereus															1											1														1												0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Sporobolus cryptandrus																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	1	1	0	0	0	1	1	0	0	0	1	0	0	0	0	1	0	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	15	30	39.47
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	0	1	1	0	0	1	0	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	0	1	1	0	1	1	1	1	1	1	38	76	100.00
Cryptobiotic																							1																													1	2	
Physical Features																																																						
Litter															1							1			1											1																4	8	
Rock																																																				0	0	
Bare Ground									1										1	1				1															1			1			1							7	14	
Total Physical Features	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	1	1	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	1	0	0	0	0	0	11	22	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Penstemon palmeri present, signs of cattle grazing

Horse Canyon Revegetation Project Tally Sheet

Date:6/27/03 | Area:11 | Transect:5 | UTM:0554632 / 4367504 | Heading:252

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																								1	1	1	1	1										1	1												7	14	19.44
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																1	1	1				1	1																												5	10	13.89
Chrysothamnus nauseosus	1	1	1	1	1	1																																													6	12	16.67
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																				1																																1	2	2.78
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	19	38	52.78
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Euphorbia fendleri								1																																												1	2	2.78
Total Forb Cover	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.78
Grasses																																																						
Agropyron smithii																														1																					1	2	2.78
Agropyron spicatum											1	1																					1	1		1	1					1	1	1	1		1				11	22	30.56
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus									1	1			1																																							3	6	8.33
Elymus giganteous																																																				0	0	0.00
Hilaria jameseii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Sporobolus cryptandrus																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Bromus inermis																													1																							1	2	2.78
Total Grass Cover	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	1	1	0	0	0	0	1	1	1	1	0	1	0	0	0	16	32	44.44
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	0	0	1	1	1	1	0	1	0	0	0	36	72	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter														1	1																		1																		1	4	8	
Rock																																1																				1	2	
Bare Ground								1											1		1														1						1	1				1		1	1		9	18	
Total Physical Features	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	1	0	1	1	1	14	28	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Medicago sativa, Yellow Astragulus, Snake Weed present

Horse Canyon Revegetation Project Tally Sheet

Date: 6/27/03 | Area: 11 | Transect: 6 | UTM: 0554853 / 4367450 | Heading: 196

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																			1																2	4	6.25
Atriplex canescens								1																																											0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Atriplex corrugata																																																			0	0	0.00
Atriplex cuneata																																																			0	0	0.00
Artemisia nova																																									1	1				1	1	1	1		8	16	25.00
Artemisia tridentata tridentata			1	1																																1															1	2	3.13
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Cerstoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																					
Total Shrubs Cover	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	0	11	22	34.38
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																			1	1	1	1	1	1		1		1		1	1		1	1				1												13	26	40.63
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum												1																																	1						2	4	6.25
Elymus salinus	1	1																																																	2	4	6.25
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																	1																																		1	2	3.13
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides											1					1																																			2	4	6.25
Sitanion hystrix																																																			0	0	0.00
Sporobolus cryptandrus																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Vulpia octoflora																									1																										1	2	3.13
Total Grass Cover	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	21	42	65.63
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	0	0	1	0	0	1	1	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	0	1	0	0	1	1	0	0	1	1	1	1	1	0	32	64	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Liter									1						1														1			1					1												5	10	
Rock																																								1	1									2	4	
Bare Ground					1	1	1			1			1	1				1									1																1	1						1	11	22	
Total Physical Features	0	0	0	0	1	1	1	0	1	1	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	1	0	1	1	0	0	1	1	0	0	0	0	0	1	18	36	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Medicago sativa, Penstamin Palmeri present

Horse Canyon Revegetation Project Tally Sheet

Date:6/27/03 | Area:11 | Transect:7 | UTM:0554864 / 4367467 | Heading:95

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1				1								1	1	1	1																												1			1		1	1	10	20	32.26
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																										1					1																				2	4	6.45
Chrysothamnus viscidiflorus																			1																																1	2	3.23
Cowania mexicana																																																			0	0	0.00
Cercocarpus ledifolius																									1																										1	2	3.23
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	14	28	45.16
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																1														1					2	4	6.45
Agropyron spicatum				1				1			1						1				1	1					1		1							1			1				1					1			12	24	38.71
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteus																																								1											1	2	3.23
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides									1																			1																							2	4	6.45
Sitanion hystrix																																																			0	0	0.00
Sporobolus cryptandrus																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	1	0	0	0	1	1	0	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	1	0	0	1	1	0	0	1	0	0	1	0	1	0	0	17	34	54.84
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	1	1	0	0	1	1	0	1	0	1	1	1	1	1	0	1	0	1	1	0	0	1	1	1	1	1	0	1	1	0	0	0	1	0	0	1	1	0	0	1	1	0	1	1	1	1	1	31	62	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter			1							1																																1								3	6	
Rock																																																			0	0	
Bare Ground		1				1	1					1						1		1			1	1						1			1	1	1		1	1			1				1					16	32	
Total Physical Features	0	1	1	0	0	1	1	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	1	0	0	0	0	0	1	0	0	1	1	1	0	1	1	0	0	1	1	0	0	1	0	0	0	0	0	19	38	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Chrysothamnus viscidiflorous, Medicago sativa, Sarcobatus vermiculatus present

Horse Canyon Revegetation Project Tally Sheet

Date:6/27/03 | Area:11 | Transect:8 | UTM:0564833 / 4367375 | Heading:48

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens		1																								1									1	1	1														5	10	15.15
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata				1																												1		1						1	1			1	1				1	1	9	18	27.27
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																						1	1													2	4	6.06
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																						
Total Shrubs Cover	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	0	1	1	0	0	0	1	1	16	32	48.48
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa	1																																1																			2	4	6.06
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	6.06
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum														1				1				1						1		1																	1				6	12	18.18
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum			1			1		1	1				1				1				1				1																										8	16	24.24
Elymus salinus																																																				0	0	0.00
Elymus cinereus												1																																								1	2	3.03
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Sporobolus cryptandrus																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	1	0	0	1	0	1	1	0	0	1	1	1	0	0	1	1	0	0	1	1	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	15	30	45.45
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	0	1	0	1	1	0	0	1	1	1	0	0	1	1	0	0	1	1	0	0	1	1	0	1	0	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	0	1	1	33	66	100.00
Cryptobiotic						1																																														1	2	
Physical Features																																																						
Litter															1														1													1	1								4	8	
Rock																																																				0	0	
Bare Ground								1			1	1					1			1	1			1	1			1				1															1		1		12	24	
Total Physical Features	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	0	0	1	1	0	0	1	1	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	0	0	16	32	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date: 6/27/03 | Area: 11 | Transect: 9 | UTM: 0554824 / 4367404 | Heading: 84

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																		1						1	1										1		1				1					1	1	1			9	18	26.47
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata	1	1																	1	1																			1												5	10	14.71
Chrysothamnus nauseosus						1																																														1	2	2.94
Chrysothamnus viscidiflorus																																																				0	0	0.00
Coweria mexicana																																																				0	0	0.00
Cercidoes lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																						
Total Shrubs Cover	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	0	0	0	1	1	1	0	0	15	30	44.12
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				3	6	8.82
Medicago sativa										1	1	1																																								0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	8.82
Grasses																																																				0	0	0.00
Agropyron smithii																																										1	1							1	4	8	11.76
Agropyron spicatum																										1																									0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																													1				1		11	22	32.35
Bromus tectorum													1		1		1		1		1	1	1					1	1																						0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Sporobolus cryptandrus																																																				0	0	0.00
Stipa comata																																						1														1	2	2.94
Bromus japonicus																																																						
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	1	0	1	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	1	0	0	0	1	1	18	32	47.06
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	0	0	1	0	0	0	1	1	1	1	0	1	0	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	1	0	0	1	0	1	1	1	0	1	1	1	0	1	1	1	1	1	1	34	68	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter			1																												1						1				1				1						5	10	
Rock																																																				0	0	
Bare Ground				1	1		1	1	1					1		1				1							1						1	1																	11	22	
Total Physical Features	0	0	1	1	1	0	1	1	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	16	32	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																						

Horse Canyon Revegetation Project Tally Sheet

Date: 6/27/03 | Area: 11 | Transect: 10 | UTM: 0554848 / 4367405 | Heading: 62

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens		1				1													1													1	1				1														6	12	15.38
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata				1																															1																2	4	5.13
Chrysothamnus nauseosus																																						1	1	1												3	6	7.69
Chrysothamnus viscidiflorus																																																				0	0	0.00
Coweria mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	11	22	28.21
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa	1																																																			1	2	2.56
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.56
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum			1				1		1	1	1				1																																1	1				8	16	20.51
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum												1		1		1	1	1				1	1	1	1	1	1	1		1	1			1								1	1	1		1					19	38	48.72
Elymus elinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteus																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Sporobolus cryptandrus																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	1	0	0	0	1	0	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	27	54	69.23
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	1	0	0	39	78	100.00
Cryptobiotic																				1	1																															2	4	
Physical Features																																																						
Litter																																									1								1	1	3	6	
Rock																																																				0	0	
Bare Ground						1			1				1																1								1									1					6	12	
Total Physical Features	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	1	9	18	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:
Tumble Mustard

Horse Canyon Revegetation Project Tally Sheet

Date: 6/27/03 | Area: 11 | Transect: 11 | UTM: 0554544 / 4387264 | Heading: 84

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																														1	1				0	0	0.00
Atriplex confertifolia		1	1			1	1	1			1								1	1									1	1									1												13	26	27.66
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																											1		1			1			3	6	6.38
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	1	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	1	1	1	0	0	16	32	34.04
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			4	8	8.51
Agropyron spicatum					1				1							1					1																														0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum	1									1		1	1	1	1		1	1				1	1	1	1	1	1	1			1	1	1	1	1		1	1		1		1		1						1	26	52	55.32
Elymus elimus																																				1															1	2	2.13
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Sporobolus cryptandrus																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	0	0	1	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	0	1	0	1	0	0	0	0	0	1	31	62	65.96
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	47	94	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																									1										1	2	
Rock				1																																															1	2	
Bare Ground																																																	1		1	2	
Total Physical Features	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	3	6	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Cliff Rose, Crested Wheat Grass present

Horse Canyon Revegetation Project Tally Sheet

Date: 6/27/03 | Area: 11 | Transect: 11 | UTM: 0554649 / 4367235 | Heading: 96

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																			1												1	1			1	1		1	1										1		8	16	20.51
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata													1							1																															2	4	5.13
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																					1	1						1		1																					4	8	10.26
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	1	1	1	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	1	0	14	28	35.90
Forbs & Succulents																																																					
Globe Mallow																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1				1																	1	1	1									1						1					1	1	1	1			11	22	28.21
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum	1				1		1		1			1			1	1	1	1									1		1																					1	12	24	30.77
Elymus cinereus																																																			0	0	0.00
Elymus elymoides																																																			0	0	0.00
Elymus gigenteus																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																					1														1	2	2.56
Sitanion hystrix																																																			0	0	0.00
Sporobolus cryptandrus																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Vulpia octoflora			1																																																1	2	2.56
Total Grass Cover	1	1	1	0	1	1	1	0	1	0	0	1	0	0	1	1	1	1	0	0	0	0	1	1	1	0	1	0	1	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	1	1	1	1	0	1	25	50	64.10
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	1	1	1	0	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	39	78	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																											1																	1						2	4	
Rock																																																			0	0	
Bare Ground				1				1		1	1			1																			1								1	1	1							9	18	
Total Physical Features	0	0	0	1	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	11	22	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:
Elymus cinereus

Horse Canyon Revegetation Project Tally Sheet

Date:6/27/03 | Area:11 | Transect:13 | UTM:0554613 / 4367332 | Heading:118

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens					1	1	1				1																	1	1					1	1	1								1					1		10	20	29.41
Atriplex confertifolia																																																	1		1	2	2.94
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			2	4	5.88
Cowania mexicana														1	1																																				0	0	0.00
Cerstoides lanata																											1																								1	2	2.94
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	1	1	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	14	28	41.18
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Salsola kali																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii									1	1															1						1		1				1				1		1				1				9	18	26.47
Agropyron spicatum												1								1		1	1																												4	8	11.76
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																													1					1	5	10	14.71
Bromus tectorum								1										1	1																																0	0	0.00
Elymus elimus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			2	4	5.88
Sitanion hystrix		1	1																																																0	0	0.00
Sporobolus cryptandrus																																																			0	0	0.00
Stipa comata																																																					
Total Grass Cover	0	1	1	0	0	0	0	1	1	1	0	1	0	0	0	0	1	1	0	1	0	1	1	0	1	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	1	0	1	0	1	0	0	1	20	40	58.82
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	0	1	1	0	1	0	1	1	0	1	0	1	1	1	0	1	0	1	1	1	1	1	0	0	0	1	0	1	1	1	0	1	0	1	1	34	68	100.00
Cryptobiotic																																																			0	0	
Physical Features																																									1										4	8	
Litter														1						1					1																										0	0	
Rock																						1					1				1		1						1	1			1				1		1		12	24	
Bare Ground	1			1													1																																		18	32	
Total Physical Features	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	1	0	0	1	0	1	0	0	0	1	0	1	0	0	0	0	0	1	1	1	0	1	0	0	0	1	0	1	0	0	16	32	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Agropyron Cristatum

Horse Canyon Revegetation Project Tally Sheet

Date:6/27/03 | Area:11 | Transect:14 | UTM:0564806 / 4367291 | Heading:86

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia		1	1		1	1																																													4	8	12.12
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																					
Total Shrubs Cover	0	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	12.12
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																															1																				1	2	3.03
Agropyron spicatum	1							1		1																		1										1													5	10	15.15
Agropyron cristatum																						1																													1	2	3.03
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum				1								1	1			1				1	1			1		1				1		1				1	1													12	24	36.36
Elymus elinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous															1		1																																	2	4	6.06
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																														1	1	1				3	6	9.09
Sitanion hystrix																																									1		1								2	4	6.06
Sporobolus cryptandrus																																																			0	0	0.00
Stipa comata																																												1	1	1					3	6	9.09
Total Grass Cover	1	0	0	1	0	0	0	1	0	1	0	1	1	0	1	1	1	0	0	1	1	1	0	1	0	1	0	1	0	1	1	1	0	0	0	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	29	58	87.88
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	0	1	0	1	0	1	1	0	1	1	1	0	0	1	1	1	0	1	0	1	0	1	0	1	1	1	0	0	0	1	1	1	0	1	0	1	1	1	1	0	1	1	1	0	33	66	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter							1				1									1				1						1																					5	10	
Rock														1																																					1	2	
Bare Ground									1										1							1		1						1	1	1				1		1				1				1	11	22	
Total Physical Features	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	1	1	0	0	0	1	0	1	0	1	0	1	0	0	0	1	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0	1	17	34	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:6/27/03 | Area:11 | Transect:15 | UTM:0554659 / 4367289 | Heading:51

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1								1				1	1								1		1	1				1	1																					9	18	25.00
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																															1																					1	2	2.78
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																	1																			1	2	2.78
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																				1						1										1				1	1	1	1				1				8	16	22.22
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	0	1	0	1	1	1	0	0	1	1	1	0	1	0	0	1	0	0	0	1	1	1	1	0	0	0	1	0	0	0	19	38	52.78
Forbs & Succulents																																																						
Macheranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum		1		1	1		1	1		1	1				1			1					1					1							1		1													13	26	36.11
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum																1			1		1																															3	6	8.33
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																								1												1	2	2.78
Sitanion hystrix																																																				0	0	0.00
Sporobolus cryptandrus																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	1	0	1	1	0	1	1	0	1	1	0	0	0	1	1	0	1	1	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	17	34	47.22
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	1	0	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0	1	1	1	0	1	1	1	1	1	0	0	0	1	0	0	0	36	72	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter			1									1					1										1					1		1				1						1	1	1		1	1	1	13	26	
Rock																																																				0	0	
Bare Ground						1																																														1	2	
Total Physical Features	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	1	14	28	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Area 15/17 Cover Data

Horse Canyon Cover Sheet

Date:6/19/03 | Area:18/17 | Transect:1 | UTM:0653833/4366978 | Heading:90

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																														1		1	1		4	8	10.53
Atriplex canescens																												1																							0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata					1							1				1									1				1				1			1		1		1		1		1					1	12	24	31.58
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Cerstoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus									1								1			1	1													1																5	10	13.16
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	1	0	0	1	1	0	0	0	1	0	0	1	1	0	0	0	1	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	1	1	21	42	55.26
Forbs																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum															1																																				1	2	2.63
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum	1			1		1	1				1		1												1						1	1	1			1		1		1				1		1		1			16	32	42.11
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	1	0	1	1	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	1	0	1	0	1	0	0	0	1	0	1	0	1	0	0	0	17	34	44.74
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	1	1	1	1	0	1	0	1	1	1	0	1	1	1	0	0	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	38	76	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																												1																							1	2	
Bare Ground		1	1					1		1				1				1	1			1	1			1																1									11	22	
Total Physical Features	0	1	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	1	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	12	24	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Yellow Clover present

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:2 | UTM:0553871/4366994 | Heading:266

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens		1											1			1					1																														4	8	12.90
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																			1					1								1			3	6	9.68
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	7	14	22.58
Forbs																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																	1		1	2	3.23
Melilotus officinalis																																																		1	1	2	3.23
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	4	6.45
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum								1	1			1		1				1						1	1					1																	1			9	18	29.03
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum	1		1				1													1		1											1					1	1		1		1							10	20	32.26
Elymus salinus																																																			0	0	0.00
Elymus cinereus																											1																								1	2	3.23
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																				1										1				2	4	6.45
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	1	0	0	0	1	1	1	0	0	1	0	1	0	0	0	1	0	1	0	1	0	1	1	0	1	0	0	1	0	0	1	0	0	1	0	1	1	0	1	0	1	0	0	1	1	0	0	0	22	44	70.97
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	0	0	1	1	1	0	0	1	1	1	0	1	0	1	0	1	1	1	0	1	1	0	1	0	0	1	0	0	1	0	1	1	0	1	1	1	1	0	1	0	0	1	1	1	1	1	31	62	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter															1																																				1	2	
Rock																																																			0	0	
Bare Ground				1	1	1				1	1						1		1				1			1		1	1		1	1		1			1					1		1	1					18	36	
Total Physical Features	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	0	1	0	1	0	0	0	1	0	0	1	0	1	1	0	1	1	0	1	0	0	1	0	0	0	0	1	0	1	1	0	0	0	0	0	19	38	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:3 | UTM:0583865/4367037 | Heading:254

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1		1				1	1												1	1	1	1			1	1	1	1			1																			13	26	32.50
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																1																	1		1		1	1													5	10	12.50
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				1	2	2.50
Gutierrezia sarothrae									1																																												
Total Shrubs Cover	1	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	1	1	1	1	0	0	1	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	19	38	47.50
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum														1	1		1	1																								1	1	1					1	1	9	18	22.50
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum		1		1	1	1				1	1		1												1						1							1		1											11	22	27.50
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Bromus japonicus																									1																											1	2	2.50
Total Grass Cover	0	1	0	1	1	1	0	0	0	1	1	0	1	1	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0	1	1	21	42	52.50
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	0	1	1	1	0	1	1	1	1	0	0	0	0	1	1	40	80	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																		1																		1	2	
Rock																																																				0	0	
Bare Ground												1								1											1						1				1					1	1	1	1			9	18	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0	10	20	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:4 | UTM:0553974/4367020 | Heading:304

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1		1																										1	1			1	1	1					1	1				9	18	21.95
Atriplex confertifolia											1																																							1	2	2.44
Artemisia nova																																																		0	0	0.00
Artemisia tridentata tridentata					1				1	1					1		1					1	1	1	1								1																	10	20	24.39
Chrysothamnus nauseosus																																																		0	0	0.00
Chrysothamnus viscidiflorus																																																		0	0	0.00
Cowania mexicana																																																		0	0	0.00
Ceratoides lanata																																																		0	0	0.00
Ephedra viridis																																																		0	0	0.00
Sarcobatus vermiculatus																																																		0	0	0.00
Gutierrezia sarothrae																																																		0	0	0.00
Total Shrubs Cover	0	0	0	0	1	1	0	1	1	1	1	0	0	0	1	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	20	40	48.78
Forbs & Succulents																																																		0	0	0.00
Machaeranthera canescens																																																		0	0	0.00
Medicago sativa																																																		0	0	0.00
Melilotus officinalis																																																		0	0	0.00
Penstemon palmeri																																																		0	0	0.00
Sphaeralcia coccinea																																																		0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																		0	0	0.00
Agropyron smithii																																																		0	0	0.00
Agropyron spicatum	1			1																																												1	1	1	5	10	12.20
Agropyron cristatum																																																		0	0	0.00
Agropyron trachycaulum																																																		0	0	0.00
Bromus tectorum								1						1		1		1			1					1	1	1			1	1				1	1				1	1	1	1						16	32	39.02
Elymus salinus																																																		0	0	0.00
Elymus cinereus																																																		0	0	0.00
Elymus giganteous																																																		0	0	0.00
Hilaria jamesii																																																		0	0	0.00
Oryzopsis hymenoides																																																		0	0	0.00
Sitanion hystrix																																																		0	0	0.00
Stipa comata																																																		0	0	0.00
Total Grass Cover	1	0	0	1	0	0	1	0	0	0	0	0	0	1	0	1	0	1	0	0	1	0	0	0	0	1	1	1	0	0	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0	0	1	1	1	21	42	51.22
Trees																																																					
Juniper																																																		0	0	0.00
Pinon																																																		0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	41	82	100.00
Cryptobiotic																																																		0	0	
Physical Features																																																				
Litter		1																																																1	2	
Rock																																																		0	0	
Bare Ground			1									1	1						1	1									1	1																	1				6	16	
Total Physical Features	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	9	18	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Atriplex cuneata present

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:5 | UTM:0553865/4367034 | Heading:307

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens												1		1				1								1		1		1							1	1													8	16	20.00
Atriplex confertifolia													1																																						1	2	2.50
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																			1								1		1														1						1		5	10	12.50
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus								1	1	1															1																										4	8	10.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	1	0	18	36	45.00
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																				1															1	2	2.50
Agropyron spicatum		1																																										1				1		1	4	8	10.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum	1											1				1					1	1		1	1						1	1		1	1				1											12	24	30.00
Elymus salinus			1			1	1																1																												4	8	10.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Bromus japonicus																																	1																		1	2	2.50
Total Grass Cover	1	1	1	0	0	1	1	0	0	0	1	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	0	0	0	0	1	0	0	0	1	0	1	22	44	55.00
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	40	80	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter					1																																								1						2	4	
Rock																																																			0	0	
Bare Ground				1												1	1																							1	1	1					1	1				8	16	
Total Physical Features	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0	0	0	10	20	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Unknown forb 2 - 4 nutlets - burr; small 5 leafed purple flower, six weeks fescue, yellow clover, ceratoides lanata, sitanion hysterix, little white daisy, globe mallow, Atriplex cuneata present

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:6 | UTM:0583736/4366987 | Heading:24

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens							1					1	1		1				1																																5	10	12.20
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata		1	1		1	1			1								1	1																						1	1							1	1		11	22	26.83
Chrysothamnus nauseosus										1															1	1																									3	6	7.32
Chrysothamnus viscidiflorus																						1																													1	2	2.44
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus	1																																																		1	2	2.44
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	1	0	1	1	1	0	1	1	0	1	1	0	1	0	1	1	1	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	21	42	51.22
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																							1																												1	2	2.44
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.44
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																		1	1	2	2.44
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																1				1	1			1			1	1		1			1	1	1								1	1	1	1	1				15	30	36.59
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																															1	1				1															3	6	7.32
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	1	0	0	1	1	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	19	38	46.34
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	1	1	1	0	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	1	1	41	82	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter				1																																															1	2	
Rock											1																																								1	2	
Bare Ground									1						1															1							1	1	1			1									7	14	
Total Physical Features	0	0	0	1	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	9	18	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Ephedra viridus, galleta, p/j, tumble mustard, winterfat, globe mallow, Japanese brome, oryzopsis hymenoides present

Horse Canyon Cover Sheet

Date:6/19/03 | Area:16/17 | Transect:7 | UTM:0563867/4366988 | Heading:86

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																			1								1			1								1										1				5	10	12.82
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata					1	1	1	1	1	1	1						1	1							1	1		1	1		1						1									1		1			17	34	43.59
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																	1																			1	2	2.56
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	23	46	58.97
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																			1	1	2	2.56
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum	1	1		1								1			1	1					1	1			1									1	1				1	1					1				1		15	30	38.46
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jameii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	0	1	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	1	0	0	0	1	1	16	32	41.03
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	39	78	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																										1									1	2	
Rock																																									1										1	2	
Bare Ground			1										1	1									1	1									1				1							1	1					9	18	
Total Physical Features	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	11	22	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																						

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:8 | UTM:0653702/4367061 | Heading:42

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens										1			1	1						1	1	1	1	1							1						1															10	20	25.00
Atriplex confertifolia						1																											1																		2	4	5.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata	1			1																												1						1				1	1		1				1		8	16	20.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus											1				1			1	1						1																			1						6	12	15.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	1	0	1	0	0	0	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0	0	1	0	26	52	65.00
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum					1																													1	1	1				1	1							1		7	14	17.50
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum								1				1														1				1																					4	8	10.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus									1																																										1	2	2.50
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides		1																											1																						2	4	5.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	0	0	1	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	14	28	35.00
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	0	40	80	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																												1												1										1	3	6	
Rock																		1																													1				2	4	
Bare Ground			1				1									1													1																			1			5	10	
Total Physical Features	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	10	20	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:9 | UTM:0663787/4367026 | Heading:131

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1	1			1	1	1											1	1					1			1	1										1	1	1				1	1			1			16	32	35.56
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																							1						1	1						1													1	5	10	11.11
Chrysothamnus nauseosus																						1																													1	2	2.22
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Cerstolides lanata								1																																											1	2	2.22
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																	1																					1													2	4	4.44
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	0	0	1	1	0	25	50	55.56
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			4	8	8.89
Agropyron spicatum																										1															1	1	1								0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			16	32	35.56
Bromus tectorum			1	1					1	1				1	1	1				1	1				1						1	1	1	1												1	1			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	20	40	44.44
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	45	90	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground											1	1	1																							1														1	5	10	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5	10	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:10 | UTM:0553812/4366961 | Heading:310

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens										1	1	1																	1	1	1				1													1	1			9	18	20.93
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata	1								1				1				1						1																					1	1	1					8	16	18.60
Chrysothamnus nauseosus																						1																													1	2	2.33
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	18	36	41.86
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum						1																																			1	1									3	6	6.98
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum				1		1	1	1						1	1	1		1	1	1				1	1	1	1	1				1	1	1		1	1		1	1											22	44	51.16
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	0	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	25	50	58.14
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	0	43	86	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																						1						1								2	4	
Bare Ground		1	1																		1																													1	1	5	10	
Total Physical Features	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	7	14	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Medicago sativa, tumble mustard present

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:11 | UTM:0553996/4367133 | Heading:237

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens			1	1			1	1																																			1		1						6	12	18.18
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata										1	1										1																														3	6	9.09
Chrysothamnus nauseosus																											1																	1							2	4	6.06
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	11	22	33.33
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa												1																																							1	2	3.03
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.03
Grasses																																																					
Agropyron smithii																																						1													1	2	3.03
Agropyron spicatum	1	1													1	1	1	1	1						1	1					1	1			1	1	1		1	1	1						1	1			19	38	57.58
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus														1																																					1	2	3.03
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	21	42	63.64
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	0	1	0	0	0	1	1	1	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0	0	33	66	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																							1																												1	2	
Rock																																																			0	0	
Bare Ground					1	1	1						1								1			1	1				1	1	1			1	1								1				1			1	1	16	32	
Total Physical Features	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	17	34	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Japanese brome Cliffrose present

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:12 | UTM:0553956/4367120 | Heading:01

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																	1																		1	1					1	1	1	1							7	14	17.95
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata									1							1		1																			1			1											5	10	12.82
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																						
Gutierrezia sarothrae																																																						
Total Shrubs Cover	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	12	24	30.77
Forbs & Succulents																																																						
Machaeranthera canescens																																																				2	4	5.13
Medicago sativa																									1	1																										1	2	2.56
Melilotus officinalis																								1																												0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	7.69
Grasses																																																						
Agropyron smithii																																																				16	32	41.03
Agropyron spicatum				1	1	1	1	1		1	1								1	1	1						1	1	1	1	1	1																			0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				3	6	7.69
Bromus tectorum															1																		1					1													0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigantecus																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																														1	1	1	1			4	8	10.26
Bromus inermis																								1																												1	2	2.56
Total Grass Cover	0	0	0	1	1	1	1	1	0	1	1	0	0	0	1	0	0	0	1	1	1	0	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	24	48	61.54
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	0	39	78	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter			1									1		1																																						3	6	
Rock																																																				0	0	
Bare Ground	1	1											1										1												1				1					1						1	8	16	
Total Physical Features	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	11	22	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	0	1	1	1	1	1	50	100	

Comments:

Machaeranthera canescens, Elymus cinereus present, signs of cattle - last year

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:13 | UTM:0553987/4367094 | Heading:94

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																			2	4	5.26
Atriplex canescens											1	1																																							0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																			1	1	1										1				5	10	13.16
Artemisia tridentata tridentata				1																																															0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Cerstoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																					
Total Shrubs Cover	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	7	14	18.42
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																										1									1	2	2.63
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	2.63
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1	1	1		1	1			1	1			1	1				1	1	1				1	1		1			1	1		1	1				1	1				1	1	1	1			1		26	52	68.42
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus								1																		1																									2	4	5.26
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																												1	1																						2	4	5.26
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	1	0	1	1	0	1	1	1	0	0	1	1	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	0	0	0	1	1	1	1	0	0	1	0	30	60	78.95
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	0	38	76	100.00
Cryptobiotic																																																				0	
Physical Features																																																					
Litter																																																					
Rock																																																			0	0	
Bare Ground								1								1	1	1				1	1	1									1								1	1						1		1	12	24	
Total Physical Features	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	1	12	24	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					
Six weeks Fescue																																																					

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:14 | UTM:0683822/4367068 | Heading:246

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens								1	1																	1										1																4	8	12.50
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																1																			1								1	1			1	1			6	12	18.75
Chrysothamnus nauseosus																	1																																		1	2	3.13
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Cerstoides lanata																							1																													1	2	3.13
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus							1								1																																					2	4	6.25
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	1	1	0	0	14	28	43.75
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Medicago L																																																				0	0	0.00
Melilotus officinalis																																																					0	0.00
Penstemon palmeri																																																					0	0.00
Sphaeralcia coccinea																																																					0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum					1					1	1	1	1					1	1					1			1	1	1	1	1						1	1						1	1					17	34	53.13
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum																																		1																		1	2	3.13
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	1	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1	0	0	1	1	1	1	1	0	0	1	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	18	36	56.25
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	32	64	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter							1																																													1	2	
Rock																																																				0	0	
Bare Ground	1	1	1	1										1							1	1	1			1							1	1					1	1	1	1							1	1	17	34	
Total Physical Features	1	1	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	18	36	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																						

Horse Canyon Cover Sheet

Date:6/19/03 | Area:15/17 | Transect:15 | UTM:0553978/4387111 | Heading:257

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens							1	1																						1													1								4	8	10.00
Atriplex cuneata																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata		1				1			1									1	1				1												1									1	1	1					10	20	25.00
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus	1																																																			1	2	2.50
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	15	30	37.50
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																				1																																1	2	2.50
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.50
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum			1							1	1	1	1								1	1					1	1	1		1	1	1	1				1	1	1	1	1					1	1	1		22	44	55.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum																								1		1																										2	4	5.00
Elymus Salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	0	1	1	1	1	0	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	0	24	48	60.00
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	40	80	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter														1											1																											2	4	
Rock																																																				0	0	
Bare Ground				1	1										1	1	1																			1	1													1	8	16	
Total Physical Features	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	10	20	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Snake weed, Medicago sativa, Penstemon palmeri, Indian Rice grass on site

Area 16 Cover Data

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:1 | UTM:0554212/4366866 | Heading:65

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1																																		1													2	4	6.25
Atriplex confertifolia											1	1																																						1	3	6	9.38
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																									1		1	1							3	6	9.38
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1	8	16	25.00
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum					1		1	1						1		1		1	1				1	1	1	1			1	1		1		1		1			1	1		1					1			20	40	62.50
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum			1						1																																					1					3	6	9.38
Elymus salinus																				1																															1	2	3.13
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	0	1	0	1	1	1	0	0	0	0	1	0	1	0	1	1	1	0	0	1	1	1	1	0	0	1	1	0	1	0	1	0	1	0	0	1	1	0	1	0	0	0	1	0	1	0	0	24	48	75.00
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	1	1	1	0	1	1	1	0	1	1	0	1	0	1	0	1	1	1	0	0	1	1	1	1	0	0	1	1	0	1	0	1	0	1	0	1	1	1	1	1	1	1	0	1	0	1	0	1	32	64	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock													1																																						1	2	
Bare Ground	1	1				1				1					1		1				1	1					1	1			1		1		1		1								1		1		1		17	34	
Total Physical Features	1	1	0	0	0	1	0	0	0	1	0	0	1	0	1	0	1	0	0	0	1	1	0	0	0	0	1	1	0	0	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1	0	1	0	1	0	18	36	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:2 | UTM:0554216/4366943 | Heading:209

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens								1																1	1	1										1		1	1	1				1							9	18	33.33
Atriplex confertifolia																																															1			1	2	4	7.41
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	1	0	0	0	1	0	1	11	22	40.74
Forbs & Succulents																																																					
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1									1			1		1			1					1							1																					7	14	25.93
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																				1		1						1	1		1	1	1				1										1				9	18	33.33
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	1	0	1	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	16	32	59.26
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	0	1	0	1	0	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1	0	0	1	1	0	1	27	54	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter				1		1			1		1										1																														5	10	
Rock							1																																												1	2	
Bare Ground		1	1		1							1		1		1	1		1								1							1	1						1	1			1	1		1	1	17	34	
Physical Features	0	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	1	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	1	1	0	1	1	0	23	46	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	2	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:3 | UTM:0584220/4367012 | Heading:163

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens	1			1	1			1	1	1		1			1					1																																9	18	21.43
Atriplex confertifolia																																																				0	0	0.00
Atriplex cuneata																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata		1																							1	1																1									4	8	9.52
Chrysothamnus nauseosus																																																		1	1	2	2.38
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																						
Total Shrubs Cover	1	1	0	1	1	0	0	1	1	1	0	1	0	0	1	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	14	28	33.33
Forbs & Succulents																																																						
Macheeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																							1	1			1								1		1			1				1	1			1	1		10	20	23.81
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	1	0	0	0	1	1	0	0	1	1	0	10	20	23.81
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																												1	1	1		1		1												1					6	12	14.29
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum			1				1						1			1	1	1	1			1									1					1		1										1			12	24	28.57
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	1	1	1	1	1	0	1	0	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	18	36	42.86
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	0	1	1	1	1	0	1	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	0	1	1	1	1	1	1	1	42	84	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter											1																																								1	2	
Rock																																																				0	0	
Bare Ground							1								1							1											1						1		1		1								7	14	
Physical Features	0	0	0	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	8	16	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 Area:16 Transect:4 UTM:0584205/4366943 Heading:96

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens		1										1			1									1						1								1														6	12	17.65
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata						1	1			1							1				1					1																									6	12	17.65
Chrysothamnus nauseosus																																																		1	1	2	2.94
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	0	0	0	1	1	0	0	1	0	1	0	0	1	0	1	0	0	0	1	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	13	26	38.24
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa	1			1	1															1		1						1																							6	12	17.65
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	17.65
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																							1						1					1	1	1															5	10	14.71
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum			1						1		1		1					1																					1	1		1	1		1						10	20	29.41
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	1	1	0	1	1	0	1	0	0	0	0	0	15	30	44.12
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	0	1	0	1	1	1	0	0	0	1	1	1	0	1	1	1	0	1	1	0	1	0	0	0	0	1	34	68	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																1									1																										2	4	
Rock																																	1															1			2	4	
Bare Ground								1						1					1								1				1	1					1				1			1		1	1		1		12	24	
Physical Features	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	1	1	1	0	0	0	1	0	0	0	1	0	0	1	0	1	1	1	1	0	16	32	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:5 | UTM:0554199/4366987 | Heading:104

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens					1		1													1	1														1				1	1											7	14	17.95
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																		1														1																			2	4	5.13
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	9	18	23.08
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa								1									1		1								1				1		1				1	1							1		1				10	20	25.64
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	1	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	1	0	0	0	10	20	25.64
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum			1						1	1	1											1			1	1		1	1	1						1							1		1		1			1	1	16	32	41.03
Agropyron cristatum																							1																													1	2	2.56
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum				1										1																											1										3	6	7.69
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipe comata																																																				0	0	0.00
Total Grass Cover	0	0	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	1	1	0	1	1	1	0	0	0	0	0	1	0	0	0	0	1	1	0	1	0	1	0	0	1	1	20	40	51.28
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	1	1	1	0	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	39	78	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																											1									1	2	
Bare Ground	1	1				1						1	1		1	1									1									1														1			10	20	
Physical Features	1	1	0	0	0	1	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	11	22	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:6 | UTM:0554280/4366694 | Heading:13

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens		1											1																																						2	4	8.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata							1	1													1					1																						1			5	10	20.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	7	14	28.00
Forbs & Succulents																																																					
Globe Mallow																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																1							1					1		1	1						1														6	12	24.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	24.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum				1						1	1													1			1		1					1					1		1								1	10	20	40.00
Agropyron cristatum	1																																																		1	2	4.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum			1																																																1	2	4.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	0	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	12	24	48.00
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	0	1	1	0	1	1	0	1	0	0	1	0	0	0	0	1	0	1	1	0	1	1	1	1	1	1	0	0	1	0	0	1	0	1	0	1	0	0	0	0	0	0	1	0	1	25	50	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter						1																																													1	2	
Rock																																	1																1		2	4	
Bare Ground							1			1			1		1	1		1	1	1	1		1			1						1			1	1		1		1		1	1	1	1	1	1				22	44	
Physical Features	0	0	0	0	1	1	0	0	1	0	0	1	0	1	1	0	1	1	1	1	0	1	0	0	1	0	0	0	0	0	0	1	1	0	1	1	0	1	0	1	0	1	1	1	1	1	1	0	1	0	25	50	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 Area:16 Transect:7 UTM:0654295/4366990 Heading:26

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1																																													1	2	3.13
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata								1																							1																				2	4	6.25
Chrysothamnus nauseosus																											1																								1	2	3.13
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	12.50
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa									1						1			1																	1								1								5	10	15.63
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																							1		1														1												3	6	9.38
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	8	16	25.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1	1		1	1		1			1	1		1								1	1				1		1		1		1	1			1								1		1			1	1	20	40	62.50
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	0	1	1	0	1	0	0	1	1	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	1	1	20	40	62.50
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	1	1	1	1	1	1	1	0	1	0	1	0	0	1	0	0	1	1	1	0	1	1	1	1	0	1	1	1	1	0	1	1	0	0	1	0	0	0	1	1	0	1	0	0	1	1	32	64	100.00
Cryptobiotic																																																	1		1	2	
Physical Features																																																					
Litter																																																			0	0	
Rock															1			1							1					1								1												5	10	
Bare Ground			1									1				1			1	1														1			1			1	1	1			1		1			12	24	
Physical Features	0	0	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	0	1	1	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	1	1	1	0	0	1	0	1	0	0	0	17	34	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:8 | UTM:0554317/4366983 | Heading:186

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																				1	1									1														1	1	1		1			7	14	25.93
Atriplex confertifolia																																																				0	0	0.00
Atriplex cuneata																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata			1				1				1																														1										4	8	14.81
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	11	22	40.74
Forbs & Succulents																																																						
Globe Mallow																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa					1														1								1												1			1	1						1		7	14	25.93
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1	0	7	14	25.93
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum									1			1				1	1					1	1			1							1																	1	9	18	33.33
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	9	18	33.33
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	1	0	1	0	1	0	1	0	1	1	0	0	0	1	1	0	1	1	1	1	1	0	0	1	1	0	0	1	0	0	1	0	0	0	0	0	1	0	1	1	1	1	1	1	0	1	1	1	27	54	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter							1												1																																	2	4	
Rock													1																																							1	2	
Bare Ground	1	1		1				1		1				1	1										1	1			1	1		1	1		1	1	1	1	1		1							1			20	40	
Physical Features	1	1	0	1	0	1	0	1	0	1	0	0	1	1	1	0	0	1	0	0	0	0	0	1	1	0	0	1	1	0	1	1	0	1	1	1	1	1	0	1	0	0	0	0	0	0	1	0	0	0	23	46	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:9 | UTM:0664276/4366887 | Heading:241

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus	1																																																		1	2	3.13
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.13
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1		1	1	1	1										1				1		1	1		1	1	1			1	1	1		1	1						1	1			1	1	1	1	23	46	71.88
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous													1	1	1	1			1	1																			1	1											8	16	25.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipe comata																																																			0	0	0.00
Total Grass Cover	0	1	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	0	0	1	1	1	0	1	1	0	0	1	1	0	1	1	0	0	0	1	1	1	1	31	62	96.88
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	1	1	0	1	1	1	0	0	1	1	1	0	1	1	0	0	1	1	0	1	1	0	0	0	1	1	1	1	32	64	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter												1																																							1	2	
Rock																																																			0	0	
Bare Ground			1					1	1	1	1							1				1			1				1	1				1			1	1			1			1	1	1				17	34	
Physical Features	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	1	0	0	1	1	0	0	1	0	0	1	1	1	0	0	0	0	18	36	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:10 | UTM:0584243/4366838 | Heading:284

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																			1																							1	1						1		4	8	11.11
Atriplex confertifolia							1																				1											1													3	6	8.33
Artemisia nova																																																				0	0	0.00
Artemisia tridentate tridentata																																																				0	0	0.00
Chrysothamnus nauseosus																	1				1																			1										3	6	8.33
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	1	0	10	20	27.78
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa			1																														1											1	1						4	8	11.11
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	4	8	11.11
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1				1	1		1	1		1		1	1				1						1	1	1			1			1			1	1	1	1				1					1	1			1	22	44	61.11
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipe comata																																																				0	0	0.00
Total Grass Cover	1	0	0	0	1	1	0	1	1	0	1	0	1	1	0	0	0	1	0	0	0	0	0	1	1	1	0	0	1	0	0	1	0	1	1	1	1	0	0	0	1	0	0	0	0	1	1	0	0	1	22	44	61.11
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	1	0	1	1	1	1	1	0	1	0	1	1	0	0	1	1	0	0	1	0	0	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	36	72	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																												1																								1	2	
Rock																								1																												1	2	
Bare Ground		1		1						1		1			1	1			1	1		1								1									1									1			12	24	
Physical Features	0	1	0	1	0	0	0	0	0	1	0	1	0	0	1	1	0	0	1	1	0	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	14	28	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:11 | UTM:0554240/4366933 | Heading:221

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																						1													1	2	3.33
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																							1												1	2	3.33
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	2	4	6.67
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1			1					1	1	1		1						1	1	1			1	1	1	1			1		1	1	1	1	1	1						1	1	1		1		1	1	26	52	86.67
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																												1																		1				2	4	6.67
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	1	1	28	56	93.33
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	1	0	0	0	0	1	1	1	0	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	30	60	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																								1																											1	2	
Rock																																																			0	0	
Bare Ground		1	1		1	1	1	1				1		1	1	1	1	1				1							1		1									1	1	1						1			19	38	
Physical Features	0	1	1	0	1	1	1	1	0	0	0	1	0	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	20	40	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:12 | UTM:0554274/4366966 | Heading:261

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	
Atriplex confertifolia																	1													1																					2	4	7.41
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus	1	1																			1			1																											4	8	14.81
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	22.22
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																1																													1						2	4	7.41
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	4	7.41
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum								1										1	1	1					1	1					1	1	1			1	1		1			1					1		1	1	16	32	59.26
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum															1							1																										1			3	6	11.11
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	1	1	0	1	0	0	1	1	0	0	0	0	1	1	1	0	0	1	1	0	1	0	0	1	0	0	0	0	1	1	1	1	19	38	70.37
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	1	0	0	1	1	0	1	0	0	1	0	0	1	0	1	1	1	1	27	54	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																													1						1	2	
Bare Ground			1	1	1	1	1		1	1	1	1	1	1										1				1	1	1					1	1			1		1	1		1			1					22	44	
Physical Features	0	0	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	1	1	0	0	1	0	1	1	0	1	1	0	1	0	0	0	0	23	46	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:13 | UTM:0554256/4366844 | Heading:99

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0.00
Atriplex confertifolia																																				1															1	2	2.22
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																																				0	0	0.00
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																									1																											1	2	2.22
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4.44
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																										1	1																									2	4	4.44
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4.44
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1	1	1	1	1	1	1	1			1	1	1	1	1	1		1	1	1			1					1	1		1	1	1	1	1		1	1	1			1		1	1	1		1	1		34	68	75.56
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum																								1																	1		1				1				4	8	8.89
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous									1																																											1	2	2.22
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																						1																														1	2	2.22
Sitanion hystrix																	1																																			1	2	2.22
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	1	1	0	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	41	82	91.11
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	45	90	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground										1											1									1										1										1	5	10	
Physical Features	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	5	10	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:14 | UTM:0564276/4366868 | Heading:285

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1	1	1																																																3	6	9.38
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus											1							1											1						1	1						1									6	12	18.75
Chrysothamnus viscidiflorus																												1																							1	2	3.13
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	10	20	31.25
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			1	2	3.13
Medicago sativa										1																																									0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.13
Grasses																																																			0	0	0.00
Agropyron smithii																																																			12	24	37.50
Agropyron spicatum				1		1	1	1	1			1		1			1			1	1				1	1																									0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			9	18	28.13
Bromus tectorum															1								1							1	1							1	1	1				1	1						0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	1	0	1	1	1	1	0	0	1	0	1	1	0	1	0	0	1	1	1	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	0	0	21	42	65.63
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	0	1	1	0	1	1	1	0	0	1	1	0	1	1	1	1	0	0	0	1	1	0	1	1	1	0	1	0	1	1	0	0	0	0	0	32	64	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground						1								1			1			1				1	1			1					1	1	1			1				1		1			1	1	1	1	1	18	36	
Physical Features	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	1	1	0	0	1	0	0	0	0	1	1	1	0	0	1	0	0	0	1	0	1	0	0	1	1	1	1	1	18	36	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Horse Canyon Cover Sheet

Date:6/18/03 | Area:16 | Transect:15 | UTM:0554282/4366969 | Heading:62

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens									1																					1																				1	3	6	8.11
Atriplex confertifolia																																														1					1	2	2.70
Atriplex cuneata																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata					1																		1	1									1	1					1												6	12	16.22
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	10	20	27.03
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			7	14	18.92
Medicago sativa														1						1		1																1		1				1				1			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			7	14	18.92
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	1	0	0	7	14	18.92
Grasses																																																			0	0	0.00
Agropyron Smithii																																																			15	30	40.54
Agropyron spicatum	1		1	1								1				1	1		1							1		1	1			1					1	1					1	1						0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			5	10	13.51
Bromus tectorum						1	1			1																															1				1						0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	1	1	0	1	1	0	0	1	0	1	0	0	0	1	1	0	1	0	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0	20	40	54.05
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	1	1	1	1	1	0	1	1	0	1	0	1	0	1	1	0	1	1	0	1	1	1	1	0	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	37	74	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																			1																																1	2	
Bare Ground		1						1			1		1		1						1					1			1					1	1												1			1	12	24	
Physical Features	0	1	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	1	0	0	1	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1		13	26	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Other species: Melotus o, snake weed

Evidence of livestock in area, plant growth good compared to reference area, appears to have more precipetation, deer droppings and tracks in area

Appendix 2

Woody Plant Density Data

Horse Canyon Woody Plant Density Comparisons

Site	Average Plants per Acre	St. Deviation
Reference Area	659.21	332.10
Area 3	1957.30	634.98
Area 6	3891.36	705.21
Area 7	5180.74	2540.36
Area 11/13/14	1771.44	636.52
Area 15/17	2626.22	752.95
Area 16	2883.67	964.13

Horse Canyon Revegetation Shrub Density Sheet

Date:	6/30/2003																
Area:	Reference																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	553488	553553	553559	553590	553629	553639	553630	553524	553646	553569	553554	553550	553507	553535	553549		
	4368125	4368131	4368114	4368066	4368096	4368115	4368110	4368174	4368242	4368222	4368198	4368152	4368104	4368088	4368091		
Heading:	42	340	147	156	269	302	138	32	29	199	35	122	73	152	203		
Shrubs																	
Atriplex canescens	1.00								1.00							2.00	5.81
Atriplex confertifolia																0.00	0.00
Artemisia tridentata tridentata																0.00	0.00
Chrysothamnus nauseosus																0.00	0.00
Chrysothamnus viscidiflorus														3.00		3.00	8.71
Cowania mexicana																0.00	0.00
Ceratoides lanata									1.00							1.00	2.90
Ephedra viridis				1.00		1.00									1.00	3.00	8.71
Sarcobatus vermiculatus																0.00	0.00
Gutierrezia sarothrae		12.00		20.00	16.00	17.00	3.00	8.00	10.00	7.00	2.00	1.00	13.00	6.00	11.00	125.00	363.00
Total Shrubs	1.00	12.00	0.00	21.00	16.00	18.00	3.00	8.00	12.00	7.00	2.00	1.00	13.00	9.00	12.00	134.00	389.14
																	0.00
Trees																	0.00
Juniper	10.00	1.00	7.00	3.00	8.00	6.00	8.00	1.00		2.00	11.00	1.00	3.00	13.00	11.00	85.00	246.84
Pinyon				2.00	2.00	2.00	1.00						1.00			8.00	23.23
Total Trees	10.00	1.00	7.00	5.00	10.00	8.00	9.00	1.00	0.00	2.00	11.00	1.00	4.00	13.00	11.00	93.00	270.07
Total Woody Plants	11.00	13.00	7.00	26.00	26.00	26.00	12.00	9.00	12.00	9.00	13.00	2.00	17.00	21.00	23.00	227.00	659.21
Plants/acre	479.16	566.28	304.92	1132.56	1132.56	1132.56	522.72	392.04	522.72	392.04	566.28	87.12	740.52	914.76	1001.88		
Average Plants/acre	659.21																
Standard Deviation	332.10																
90% Confidence Interval	141.04																
Comments:																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	7/3/2003																	
Area:	3																	
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre	
UTM:	555182	555211	555176	555187	555209	555293	555186	555295	555275	555250	555466	555498	555528	555519	555532			
	4367756	4367768	4367724	4367766	4367783	4367807	4367796	4367812	4367773	4367829	4368019	4368021	4368071	4368032	4368056			
Heading:	111	2	186	161	212	288	96	29	296	272	102	84	228	296	259			
Shrubs																		
Atriplex canescens	31.00	7.00	15.00	10.00	5.00	10.00	21.00	24.00	11.00	9.00	13.00	21.00	15.00	20.00	16.00	228.00	662.11	
Atriplex confertifolia																	0.00	
Atriplex corrugata																	0.00	
Atriplex cuneata																	0.00	
Artemisia nova																	0.00	
Artemisia tridentata tridentata	40.00	7.00	9.00	4.00	8.00	7.00	32.00	36.00	2.00	14.00	17.00	15.00	6.00	11.00	26.00	233.00	676.63	
Chrysothamnus nauseosus	2.00	2.00	5.00				1.00	2.00		2.00	3.00	10.00	2.00	2.00	6.00	37.00	107.45	
Chrysothamnus viscidiflorus	6.00	16.00	14.00	16.00	16.00	31.00	2.00	4.00	23.00	19.00	10.00		3.00		6.00	166.00	482.06	
Cowania mexicana									1.00				2.00		3.00	6.00	17.42	
Ceratoides lanata																	0.00	
Ephedra viridis																	0.00	
Sarcobatus vermiculatus				1.00										1.00		2.00	5.81	
Gutierrezia sarothrae								1.00		1.00						2.00	5.81	
																	0.00	
Total Shrubs	79.00	32.00	43.00	31.00	29.00	48.00	56.00	66.00	37.00	45.00	43.00	46.00	28.00	34.00	57.00	674.00	1967.30	
																	0.00	
																	0.00	
Trees																		
Juniper																0.00	0.00	
Pinyon																0.00	0.00	
																	0.00	
Total Trees																	0.00	
Total Woody Plants	79.00	32.00	43.00	31.00	29.00	48.00	56.00	66.00	37.00	45.00	43.00	46.00	28.00	34.00	57.00	674.00	1967.30	
Plants/acre	3441.24	1393.92	1873.08	1350.36	1263.24	2090.88	2439.36	2874.96	1611.72	1960.20	1873.08	2003.76	1219.68	1481.04	2482.92			
Average Plants	1967.30																	
Standard Deviation	634.98																	
90% Confidence Interval	269.68																	
Comments:																		
Treatment Areas Average	2709.84																	
Standard Deviation	1482.72																	
90% Confidence Interval	629.71																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	7/4/2003																
Area:	6																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	555621	555577	555552	555560	555549	555373	555529	555506	555456	555508	555487	555496	555462	555447	555403		
	4368211	4368185	4368187	4368170	4368190	4368143	4368149	4368153	4368137	4368138	4368132	4368174	4368159	4368149	4368142		
Heading:	244	104	206	300	55	100	221	270	56	360	258	195	246	277	87		
Shrubs																	
Atriplex canescens		35.00	21.00	29.00	33.00	26.00	37.00	19.00	15.00	25.00	31.00	29.00	55.00	28.00	40.00	423.00	1226.39
Atriplex confertifolia																	0.00
Atriplex corrugata																	0.00
Atriplex cuneata																	0.00
Artemisia nova		3.00	6.00	7.00			2.00	2.00	5.00	2.00		1.00		1.00		29.00	84.22
Artemisia tridentata tridentata	16.00	45.00	31.00	37.00	21.00	53.00	32.00	60.00	55.00	66.00	26.00	38.00	5.00	46.00	37.00	570.00	1655.28
Chrysothamnus nauseosus	6.00	2.00	2.00	4.00		1.00	2.00	4.00	12.00	1.00	3.00			3.00	1.00	41.00	119.06
Chrysothamnus viscidiflorus	55.00			2.00	4.00			22.00	16.00	9.00	30.00	40.00	1.00	2.00	4.00	185.00	537.24
Cowania mexicana																	0.00
Ceratoides lanata			43.00	1.00	4.00		4.00	2.00	1.00	3.00		3.00	3.00			64.00	185.86
Ephedra viridis																	0.00
Sarcobatus vermiculatus										2.00						2.00	5.81
Gutierrezia sarothrae	18.00				1.00				3.00		2.00	2.00				26.00	75.50
																	0.00
Total Shrubs	95.00	85.00	103.00	80.00	63.00	80.00	77.00	109.00	107.00	108.00	94.00	113.00	64.00	80.00	82.00	1340.00	3891.36
																	0.00
Trees																	0.00
Juniper																0.00	0.00
Pinyon																0.00	0.00
																	0.00
Total Trees																0.00	0.00
Total Vegetation	95.00	85.00	103.00	80.00	63.00	80.00	77.00	109.00	107.00	108.00	94.00	113.00	64.00	80.00	82.00	1340.00	3891.36
Plants/acre	4136.20	3702.60	4486.68	3484.80	2744.28	3484.80	3354.12	4748.04	4660.92	4704.48	4094.64	4922.28	2787.84	3484.80	3571.92		
Average Plants/acre	3891.36																
Standard Deviation	705.21																
90% Confidence Interval	299.50																
Comments:																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	7/4/2003																
Area:	7																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	555363	555396	555376	555370	555406	555469	555432	555404	555432	555370	555421	555420	555424	555441	555406		
	4368069	4368060	4368067	4368103	4368072	4368024	4368061	4368062	4368078	4368109	4368075	4368104	4368112	4368068	4368108		
Heading:	297	342	229	109	231	262	147	240	269	229	53	94	233	270	109		
Shrubs																	
Atriplex canescens	1.00	11.00	9.00	25.00	11.00	15.00	32.00	24.00	39.00	16.00	32.00	16.00	10.00	12.00	28.00	281.00	816.02
Atriplex confertifolia																0.00	0.00
Atriplex corrugata																0.00	0.00
Atriplex cuneata																0.00	0.00
Artemisia nova	8.00	8.00	12.00		3.00	1.00		3.00	1.00	17.00	7.00	7.00	11.00			78.00	226.51
Artemisia tridentata tridentata	202.00	113.00	228.00	72.00	105.00	66.00	35.00	36.00	60.00	72.00	50.00	96.00	97.00	7.00	49.00	1290.00	3746.16
Chrysothamnus nauseosus	7.00	1.00	4.00		1.00	1.00						1.00		1.00		16.00	46.46
Chrysothamnus viscidiflorus	8.00	2.00	6.00	1.00	4.00	13.00	1.00			4.00		6.00	9.00	19.00	2.00	75.00	217.80
Cowania mexicana							1.00			1.00		1.00				3.00	8.71
Ceratoides lanata									2.00						2.00	4.00	11.62
Ephedra viridis																0.00	0.00
Sarcobatus vermiculatus																0.00	0.00
Gutierrezia sarothrae	2.00	16.00	2.00	6.00				4.00					1.00	4.00		37.00	107.45
																	0.00
Total Shrubs	228.00	153.00	261.00	104.00	124.00	96.00	69.00	69.00	102.00	110.00	89.00	127.00	128.00	43.00	81.00	1794.00	5180.74
																	0.00
Trees																	0.00
Juniper																	0.00
Pinyon																	0.00
																	0.00
Total Trees																0.00	0.00
Total Vegetation	228.00	153.00	261.00	104.00	124.00	96.00	69.00	69.00	102.00	110.00	89.00	127.00	128.00	43.00	81.00	1794.00	5180.74
Plants/acre	9931.68	6664.68	11369.16	4530.24	5401.44	4181.76	3005.64	3005.64	4443.12	4791.60	3876.84	5532.12	5575.68	1873.08	3528.36		
Average Plants/acre	5180.74																
Standard Deviation	2540.36																
90% Confidence Interval	1078.89																
Comments:																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	7/4/2003																
Area:	11, 13 & 14																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	554662	555623	554655	554562	554559	554756	554749	554767	554811	554821	554843	554870	554884	554930	554973		
	4367270	4367306	4367356	4367266	4367066	4367269	4367342	4367347	4367347	4367392	4367439	4367451	4367481	4367516	4367578		
Heading:	250	269	163	215	32	27	101	45	341	85	139	8	319	22	189		
Shrubs																	
Atriplex canescens	26.00	4.00	18.00	26.00	26.00	22.00	22.00	33.00	29.00	30.00	33.00	18.00	25.00	39.00	21.00	378.00	1097.71
Atriplex confertifolia																	0.00
Atriplex corrugata				2.00		1.00	16.00	2.00	2.00							23.00	66.79
Atriplex cuneata																	0.00
Artemisia nova																	0.00
Artemisia tridentata tridentata	23.00	1.00	1.00	1.00	17.00	13.00		6.00	19.00	9.00	26.00	1.00	1.00	12.00	14.00	144.00	418.18
Chrysothamnus nauseosus	1.00					1.00			1.00		3.00	10.00	4.00	1.00	2.00	23.00	66.79
Chrysothamnus viscidiflorus											3.00	4.00	4.00		8.00	19.00	55.18
Cowania mexicana									1.00							1.00	2.90
Ceratoides lanata			1.00	1.00					1.00	5.00		1.00		4.00		13.00	37.75
Ephedra viridis																	0.00
Sarcobatus vermiculatus		1.00	2.00													3.00	8.71
Gutierrezia sarothrae							1.00		4.00				1.00			6.00	17.42
																	0.00
Total Shrubs Cover	52.00	6.00	22.00	32.00	45.00	37.00	39.00	41.00	57.00	44.00	65.00	34.00	35.00	56.00	45.00	610.00	1771.44
																	0.00
Trees																	0.00
Juniper																0.00	0.00
Pinyon																0.00	0.00
																	0.00
Total Tree Cover																0.00	0.00
Total Vegetation Cover	52.00	6.00	22.00	32.00	45.00	37.00	39.00	41.00	57.00	44.00	65.00	34.00	35.00	56.00	45.00	610.00	1771.44
Plants/acre	2265.12	261.36	958.32	1393.92	1960.20	1611.72	1698.84	1785.96	2482.92	1916.64	2831.40	1481.04	1524.60	2439.36	1960.20		
Average Plants/acre	1771.44																
Standard Deviation	636.52																
90% Confidence Interval	270.33																
Comments:																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	7/3/2003																
Area:	15 & 17																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants /acre
UTM:	553997	553969	553995	553942	553939	553737	553758	553729	553806	553781	553853	553823	553832	553786	553824		
	4367112	4367111	4367119	4367129	4367135	4367034	4367034	4367005	4366995	4366996	4366993	4367016	4366966	4367025	4367004		
Heading:	7	89	292	137	161	3	304	296	275	200	306	52	27	360	174		
Shrubs																	
Atriplex canescens	18.00	16.00	17.00	11.00	20.00	17.00	33.00	13.00	32.00	24.00	35.00	34.00	48.00	10.00	21.00	349.00	1013.50
Atriplex confertifolia	1.00				1.00	4.00	4.00			1.00						11.00	31.94
Atriplex corrugata				1.00	1.00	1.00		1.00	1.00	3.00	6.00				1.00	15.00	43.56
Atriplex cuneata																0.00	0.00
Artemisia nova							1.00			3.00						4.00	11.62
Artemisia tridentata tridentata	27.00	33.00	49.00	24.00	20.00	15.00	43.00	32.00	27.00	34.00	6.00	14.00	45.00	24.00	18.00	411.00	1193.54
Chrysothamnus nauseosus	5.00	2.00	2.00	3.00	3.00			4.00	1.00			1.00		1.00		22.00	63.89
Chrysothamnus viscidiflorus	1.00		1.00		2.00											4.00	11.62
Cowania mexicana																0.00	0.00
Ceratoides lanata		1.00		4.00		1.00	11.00		3.00	1.00		4.00	3.00		3.00	31.00	90.02
Ephedra viridis																0.00	0.00
Sarcobatus vermiculatus	1.00		4.00		1.00	16.00	2.00		6.00	5.00	1.00			10.00	4.00	50.00	145.20
Gutierrezia sarothrae	3.00				1.00	1.00	2.00									7.00	20.33
																	0.00
Total Shrubs	56.00	52.00	73.00	43.00	49.00	55.00	96.00	50.00	70.00	71.00	48.00	53.00	96.00	45.00	47.00	904.00	2625.22
																	0.00
Trees																	0.00
Juniper																0.00	0.00
Pinyon																0.00	0.00
																	0.00
Total Trees																0.00	0.00
Total Vegetation	56.00	52.00	73.00	43.00	49.00	55.00	96.00	50.00	70.00	71.00	48.00	53.00	96.00	45.00	47.00	904.00	2625.22
Plants/acre	2439.36	2265.12	3179.88	1873.08	2134.44	2395.80	4181.76	2178.00	3049.20	3092.76	2090.88	2308.68	4181.76	1960.20	2047.32		
Average Plants/acre	2625.22																
Standard Deviation	752.95																
90% Confidence Interval	319.78																
Comments:																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	7/2/2003																
Area:	16																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	554278	554234	554311	554248	554277	554228	554222	554225	554224	554210	554246	554216	554390	554192	554290		
	4366874	4366862	4366893	4366900	4366899	4366864	4366839	4366866	4367015	4366853	4366880	4366857	4366861	4367004	4366856		
Heading:	349	91	341	96	167	138	77	156	219	282	256	361	107	263	146		
Shrubs																	
Atriplex canescens	10.00	38.00	5.00	24.00	28.00	24.00	42.00	26.00	32.00	16.00	2.00	33.00	12.00	18.00	22.00	330.00	958.32
Atriplex confertifolia	9.00		6.00	7.00	2.00	1.00				3.00	7.00	4.00	6.00	1.00		46.00	133.58
Atriplex corrugata			3.00							10.00			1.00			14.00	40.66
Atriplex cuneata																	0.00
Artemisia nova																	0.00
Artemisia tridentata tridentata	2.00	16.00	11.00	1.00	62.00	69.00	47.00	68.00	49.00	9.00	19.00	11.00	8.00	56.00	56.00	484.00	1405.54
Chrysothamnus nauseosus	10.00		8.00	4.00					1.00	21.00	25.00	11.00	17.00	1.00	1.00	99.00	287.50
Chrysothamnus viscidiflorus	2.00		1.00	1.00							1.00		1.00			6.00	17.42
Cowania mexicana													1.00			1.00	2.90
Ceratoides lanata					1.00					9.00				1.00		11.00	31.94
Ephedra viridis																	0.00
Sarcobatus vermiculatus																	0.00
Gutierrezia sarothrae	1.00												1.00			2.00	5.81
																	0.00
Total Shrubs	34.00	54.00	34.00	37.00	91.00	94.00	89.00	94.00	82.00	68.00	54.00	59.00	47.00	77.00	79.00	983.00	2853.67
																	0.00
Trees																	0.00
Juniper																0.00	0.00
Pinyon																0.00	0.00
																	0.00
Total Trees																0.00	0.00
Total Vegetation	34.00	54.00	34.00	37.00	91.00	94.00	89.00	94.00	82.00	68.00	54.00	59.00	47.00	77.00	79.00	983.00	2853.67
Plants/acre	1481.04	2352.24	1481.04	1611.72	3963.96	4094.64	3876.84	4094.64	3571.92	2962.08	2352.24	2570.04	2047.32	3354.12	3441.24		
Average Plants/acre	2853.67																
Standard Deviation	964.13																
90% Confidence Interval	409.47																
Comments:																	

Appendix 3

Diversity and Similarity Data

Horse Canyon Similarity Comparisons - Reference Area & Area 3

Reference Area		
Species	Frequency (per 30 transects)	% Cover (per 1500 points)
Juniper	26	17.0
Salina wild rye	24	7.0
Pinyon	13	4.0
Cheat grass	5	2.0
Globe mallow	3	1.0
Snake weed	9	1.0
Galleta	8	1.0
Six weeks fescue	4	0.3
Ephedra	3	0.2
Purple	2	0.1
Cliffrose	1	0.1
Hedgehog cactus	1	0.1

Similarity Comparison

Reference Area: 12 species (A)

Area 3: 16 species (B)

Common species: 3 (C)

Jaccard's Community Coefficient:

S = C /(A + B - C)

S = 3 /(12 + 16 - 3)

S = 12.0

12 Total species; 2 species >5% cover

Area 3		
Species	Frequency (per 15 transects)	% Cover (per 750 points)
Juniper	0	0.0
Salina wild rye	2	0.3
Pinyon	0	0.0
Cheat grass	8	4.1
Globe mallow	0	0.0
Snake weed	0	0.0
Galleta	0	0.0
Six weeks fescue	1	0.1
Ephedra	0	0.0
Purple	0	0.0
Cliffrose	0	0.0
Hedgehog cactus	0	0.0
Bluebunch wheatgrass	14	29.2
Fourwing	15	13.3
Sagebrush	15	13.3
Basin wild rye	13	7.1
Douglas rabbitbrush	10	5.1
Alfalfa	9	3.5
Yellow sweet clover	6	1.6
Crested wheatgrass	3	1.5
Squirreltail	5	1.1
Indian rice grass	6	0.9
Palmer penstemon	4	0.8
Japanese brome	1	0.3
Big rabbitbrush	6	1.2

16 total species; 5 species >5%

Horse Canyon Similarity Comparisons - Reference Area & Area 6

Reference Area		
Species	Frequency (per 30 transects)	% Cover (per 1500 points)
Juniper	26	17.0
Salina wild rye	24	7.0
Pinyon	13	4.0
Cheat grass	5	2.0
Globe mallow	3	1.0
Snake weed	9	1.0
Galleta	8	1.0
Six weeks fescue	4	0.3
Ephedra	3	0.2
Purple	2	0.1
Cliffrose	1	0.1
Hedgehog cactus	1	0.1

Similarity Comparison

Reference Area: 12 species (A)

Area 6: 21 species (B)

Common species: 2 (C)

Jaccard's Community Coefficient:

S = C /(A + B - C)

S = 2 /(12 + 21 -2)

S = 6.50

Area 6		
Species	Frequency (per 15 transects)	% Cover (per 750 points)
Juniper	0	0.0
Salina wild rye	1	0.3
Pinyon	0	0.0
Cheat grass	15	27.1
Globe mallow	0	0.0
Snake weed	0	0.0
Galleta	0	0.0
Six weeks fescue	0	0.0
Ephedra	0	0.0
Purple	0	0.0
Cliffrose	0	0.0
Hedgehog cactus	0	0.0
Bluebunch wheatgrass	15	22.9
Fourwing	14	12.4
Sagebrush	13	9.9
Douglas rabbitbrush	9	5.5
Winterfat	8	1.6
Basin wild rye	3	0.8
Alfalfa	1	0.1
Yellow sweet clover	1	0.1
Crested wheatgrass	1	0.1
Squirreltail	1	0.3
Indian rice grass	2	0.7
Palmer penstemon	1	0.4
Japanese brome	1	0.1
Smooth brome	1	0.1
Big rabbitbrush	3	0.5
Western wheat grass	1	0.1
Tumble mustard	1	0.3
Black sagebrush	3	1.9

	Giant wild rye	1	0.3
12 Total species; 2 species >5% cover	21 Total species; 5 species >5% cover		

Horse Canyon Similarity Comparisons - Reference Area & Area 7

Reference Area		
Species	**Frequency (per 30 transects)**	**% Cover (per 1500 points)**
Juniper	26	17.0
Salina wild rye	24	7.0
Pinyon	13	4.0
Cheat grass	5	2.0
Globe mallow	3	1.0
Snake weed	9	1.0
Galleta	8	1.0
Six weeks fescue	4	0.3
Ephedra	3	0.2
Purple	2	0.1
Cliffrose	1	0.1
Hedgehog cactus	1	0.1

Similarity Comparison

Reference Area: 12 species (A)

Area 7: 17 species (B)

Common species: 5 (C)

Jaccard's Community Coefficient:

S = C /(A + B - C)

S = 5 /(12 + 17 - 5)

S = 20.80

12 Total species; 2 species >5% cover

Area 7		
Species	**Frequency (per 15 transects)**	**% Cover (per 750 points)**
Juniper	0	0.0
Salina wild rye	1	0.7
Pinyon	0	0.0
Cheat grass	15	22.0
Globe mallow	2	0.3
Snake weed	1	0.1
Galleta	0	0.0
Six weeks fescue	0	0.0
Ephedra	0	0.0
Purple	0	0.0
Cliffrose	2	0.3
Hedgehog cactus	0	0.0
Bluebunch wheatgrass	15	2.0
Fourwing	15	18.9
Sagebrush	15	24.9
Douglas rabbitbrush	12	4.4
Alfalfa	3	0.5
Needle and Thread	4	0.9
Indian rice grass	2	0.3
Palmer penstemon	1	0.1
Big rabbitbrush	1	0.1
Western wheat grass	1	0.1
Tumble mustard	4	0.5
Black sagebrush	4	1.1

17 Total species; 3 species >5% cover

Horse Canyon Similarity Comparisons - Reference Area & Area 11/13/14

Reference Area		
Species	Frequency (per 30 transects)	% Cover (per 1500 points)
Juniper	26	17.0
Salina wild rye	24	7.0
Pinyon	13	4.0
Cheat grass	5	2.0
Globe mallow	3	1.0
Snake weed	9	1.0
Galleta	8	1.0
Six weeks fescue	4	0.3
Ephedra	3	0.2
Purple	2	0.1
Cliffrose	1	0.1
Hedgehog cactus	1	0.1

Area 11/13/14		
Species	Frequency (per 15 transects)	% Cover (per 750 points)
Juniper	0	0.0
Salina wild rye	2	0.4
Pinyon	0	0.0
Cheat grass	13	15.7
Globe mallow	0	0.0
Snake weed	0	0.0
Galleta	0	0.0
Six weeks fescue	0	0.0
Ephedra	0	0.0
Purple	1	0.1
Cliffrose	0	0.0
Hedgehog cactus	0	0.0
Bluebunch wheatgrass	15	20.8
Fourwing	13	14.1
Sagebrush	12	5.7
Douglas rabbitbrush	5	1.6
Winterfat	5	0.7
Alfalfa	4	0.8
Needle and Thread	1	0.4
Indian rice grass	6	1.3
Shadscale	3	1.7
Big rabbitbrush	6	2.4
Greasewood	2	1.6
Crested wheatgrass	2	0.7
Basin wild rye	3	0.7
Western wheatgrass	3	0.5
Giant rye grass	3	0.5
Squirrel tail	2	0.5
Six weeks fescue	2	0.3

Similarity Comparison

Reference Area: 12 species (A)

Area 11/13/14: 23 species (B)

Common species: 3 (C)

Jaccard's Community Coefficient:

$S = C / (A + B - C)$

$S = 3 / (12 + 23 - 3)$

$S = 9.4$

	Smooth brome	1	0.1
	Japanese brome	1	0.1
	Yellow sweet clover	1	0.1
12 Total species; 2 species >5% cover	23 Total species; 4 species >5% cover		

Horse Canyon Similarity Comparisons - Reference Area & Area 15/17

Reference Area		
Species	Frequency (per 30 transects)	% Cover (per 1500 points)
Juniper	26	17.0
Salina wild rye	24	7.0
Pinyon	13	4.0
Cheat grass	5	2.0
Globe mallow	3	1.0
Snake weed	9	1.0
Galleta	8	1.0
Six weeks fescue	4	0.3
Ephedra	3	0.2
Purple	2	0.1
Cliffrose	1	0.1
Hedgehog cactus	1	0.1
12 Total species; 2 species >5% cover		

Similarity Comparison

Reference Area: 12 species (A)

Area 15/17: 20 species (B)

Common species: 4 (C)

Jaccard's Community Coefficient:

S = C /(A + B - C)

S = 4 /(12 + 20 - 4)

S = 14.30

Area 15/17		
Species	Frequency (per 15 transects)	% Cover (per 750 points)
Juniper	0	0.0
Salina wild rye	1	0.5
Pinyon	0	0.0
Cheat grass	13	19.1
Globe mallow	1	0.1
Snake weed	1	0.1
Galleta	0	0.0
Six weeks fescue	0	0.0
Ephedra	0	0.0
Purple	0	0.0
Cliffrose	0	0.0
Hedgehog cactus	0	0.0
Bluebunch wheatgrass	15	18.9
Fourwing	15	14.1
Sagebrush	15	15.1
Douglas rabbitbrush	1	0.1
Winterfat	2	0.4
Alfalfa	4	0.7
Needle and Thread	2	0.9
Indian rice grass	3	0.8
Shadscale	3	0.4
Big rabbitbrush	5	1.1
Greasewood	7	2.1
Basin wild rye	4	0.7
Western wheatgrass	2	0.3
Yellow sweet clover	3	0.4
Smooth brome	1	0.1
Japanese brome	2	0.3
20 Total species; 4 species >5% cover		

Horse Canyon Similarity Comparisons - Reference Area & Area 16

Reference Area		
Species	Frequency (per 30 transects)	% Cover (per 1500 points)
Juniper	26	17.0
Salina wild rye	24	7.0
Pinyon	13	4.0
Cheat grass	5	2.0
Globe mallow	3	1.0
Snake weed	9	1.0
Galleta	8	1.0
Six weeks fescue	4	0.3
Ephedra	3	0.2
Purple	2	0.1
Cliffrose	1	0.1
Hedgehog cactus	1	0.1

Similarity Comparison

Reference Area: 12 species (A)

Area 16: 14 species (B)

Common species: 1 (C)

Jaccard's Community Coefficient:

S = C /(A + B - C)

S = 1 /(12 + 14 - 1)

S = 4.00

12 Total species; 2 species >5% cover

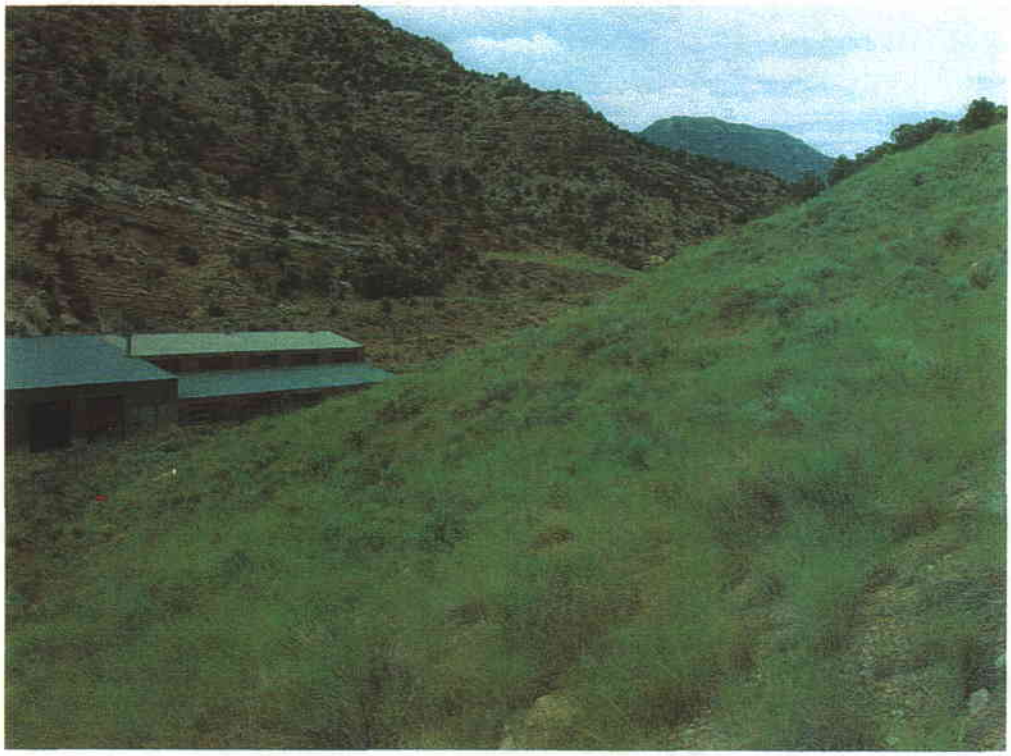
Area 16		
Species	Frequency (per 15 transects)	% Cover (per 750 points)
Juniper	0	0.0
Salina wild rye	0	0.0
Pinyon	0	0.0
Cheat grass	9	6.5
Globe mallow	0	0.0
Snake weed	0	0.0
Galleta	0	0.0
Six weeks fescue	0	0.0
Ephedra	0	0.0
Purple	0	0.0
Cliffrose	0	0.0
Hedgehog cactus	0	0.0
Bluebunch wheatgrass	13	28.5
Fourwing	9	5.6
Sagebrush	8	4.7
Douglas rabbitbrush	1	0.1
Winterfat	1	0.1
Alfalfa	10	6.7
Palmer penstemon	1	0.4
Indian rice grass	1	0.1
Shadscale	5	1.1
Big rabbitbrush	7	1.6
Crested wheatgrass	1	0.1
Giant rye grass	2	1.2
Squirrel tail	1	0.1

14 Total species; 4 species >5% cover

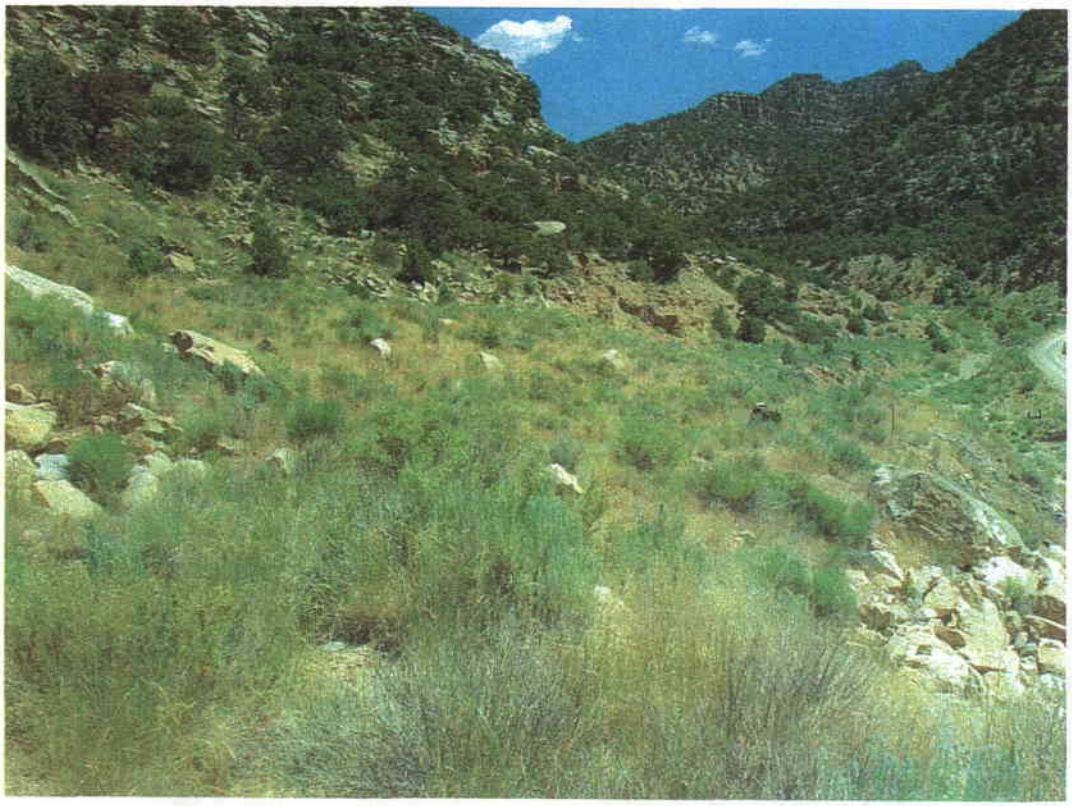
Appendix 4

Site Photographs

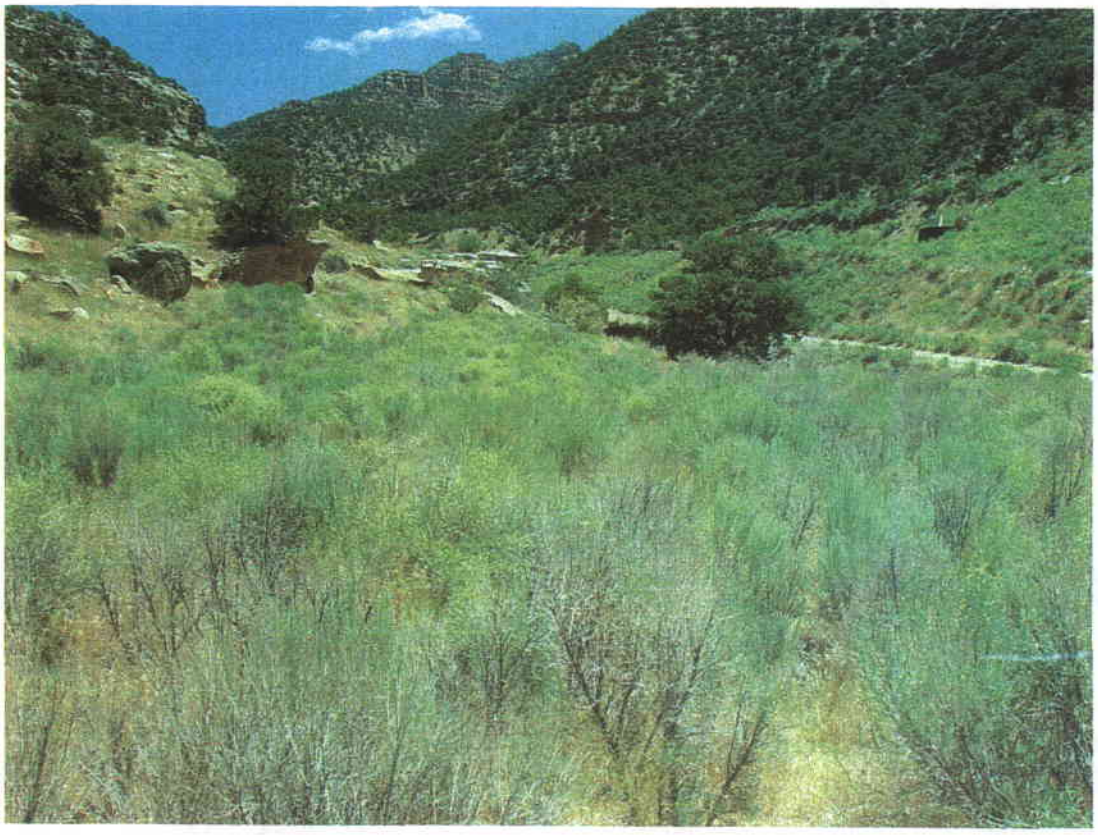
Area 3



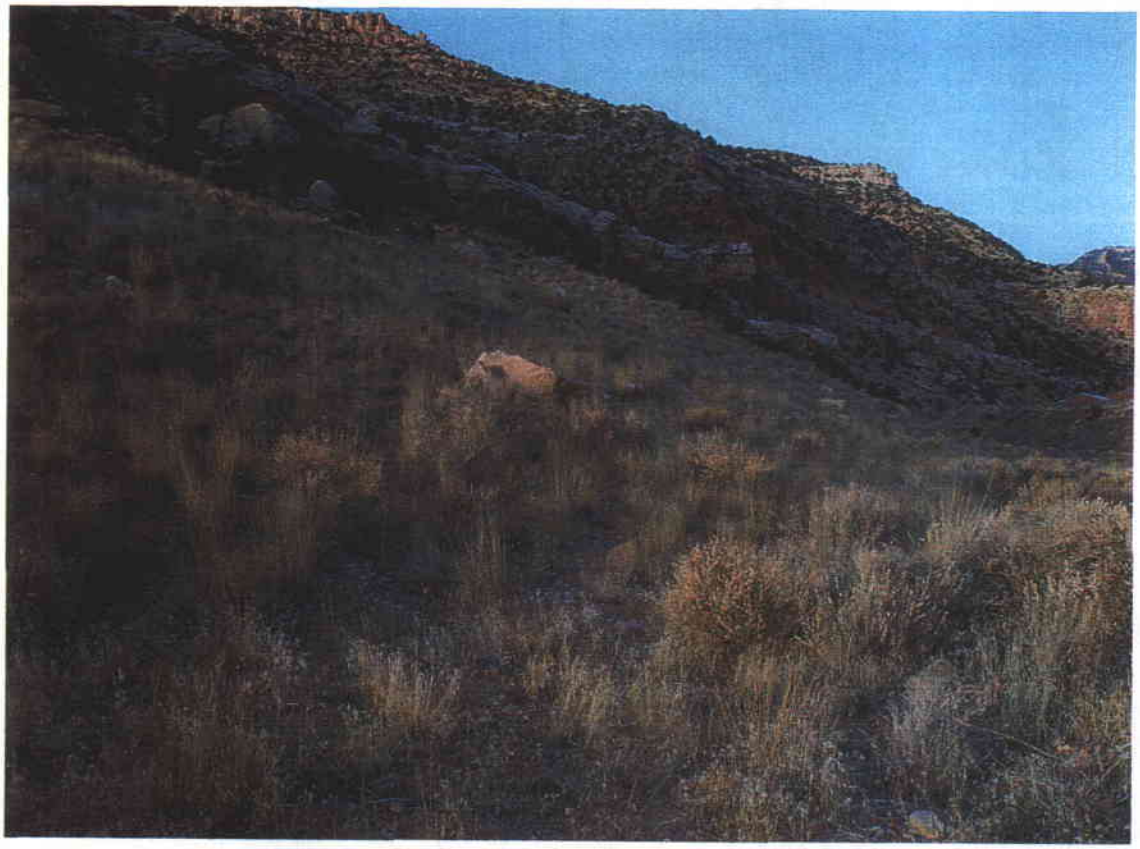
Area 6



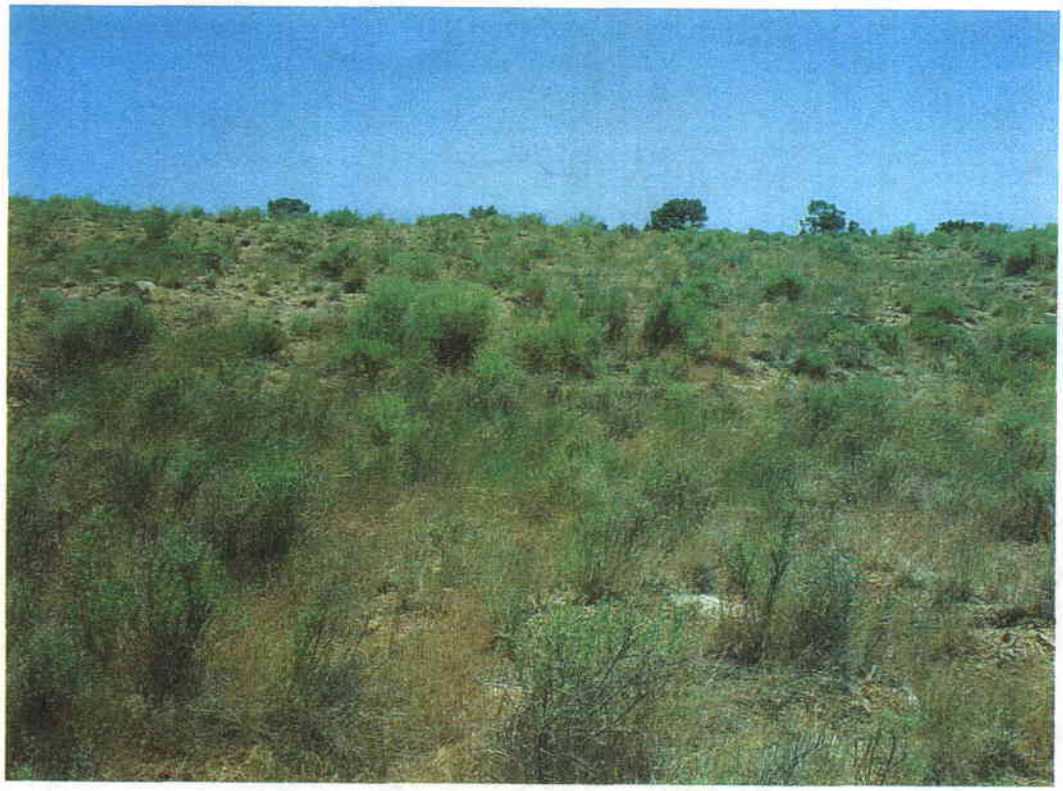
Area 7



Area 11/13/14



Area 16



Area 15/17

Appendix 5

Sloped Areas Cover Data

Slopes Cover

UtahAmerican Energy asked for a survey of percent cover for 5 sloped areas on the Horse Canyon Mine property. The 5 survey areas were 1) sloped areas around the portal area (Portal Slopes Area) , 2) sloped areas on the north-facing slope above the mine buildings (Area 3 Slopes Area), 3), sloped areas immediately adjacent to the fence on the south side of the mine buildings (Fence Slopes Area) 4) sloped areas surrounding the magazine area (Magazine Slopes Area), and 5) sloped areas adjacent and just north of the pond area (Pond Slopes Area).

A minimum of 3 transects were run at each site, and when sufficient space was available, a maximum of 5 transects were run. Fifty points were collected from each 100 foot transect. Transects were not located randomly because of the restrictively small size of the sloped areas. Data for percent cover for each area are summarized in the tables and data sheets that follow. These data include vegetation category and species for each transect at each site.

Portal Slopes Area

In the Portal slopes area, 5 transects were run. Average percent cover of all vegetation in the area was 64.80 percent. Dominant vegetative type at the site was shrubs; 41.20%, followed by grasses; 23.60 %.

Area 3 Slopes Area

In the Area 3 slopes area, 5 transects were run. Average percent cover of all vegetation in the area was 63.60 percent. Dominant vegetative type at the site was grasses; 28.80%, followed by shrubs; 27.20%).

Fence Slopes Area

In the Fence slopes area, 3 transects were run. Average percent cover of all vegetation in the area was 56.67 percent. Dominant vegetative type at the site was grasses; 24.00%, followed by forbs; 19.33%, and shrubs; 13.33%).

Magazine Slopes Area

In the Magazine slopes area, 5 transects were run. Average percent cover of all

vegetation in the area was 60.40 percent. Dominant vegetative type at the site was shrubs; 38.00%, followed by grasses; 20.80%).

Pond Slopes Area

In the Pond slopes area, 4 transects were run. Average percent cover of all vegetation in the area was 57.00 percent. Dominant vegetative type at the site was grasses; 27.50%, followed by shrubs; 26.00%).

Vegetation in these sloped areas appeared to be in good condition, with no signs of disease, insect damage or overgrazing. Though total vegetative cover in the sloped areas (range 57.00% to 64.80%) is less than the revegetated areas (range 66.27% to 89.07%), the is overlap between the two. In all cases, the sloped sites were more densely vegetated than the Horse Canyon reference area which had an average vegetative cover of 33.47%.

There are more areas of bare ground in the sloped areas than are present in the revegetation study areas, but no signs of excessive erosion were observed. In general, the sloped areas appear to have satisfactory levels of vegetation.

Slopes Cover Data

Area 3 Slopes									
			Transect Number						
Percent Cover		1.00	2.00	3.00	4.00	5.00		Average	Std. Dev.
Shrubs		46.00	50.00	48.00	22.00	40.00		41.20	11.37
Forbs		0.00	2.00	0.00	0.00	0.00		0.40	0.89
Grasses		16.00	28.00	22.00	28.00	24.00		23.60	4.98
Trees		0.00	0.00	0.00	0.00	12.00		2.40	5.37
Total Vegetation		62.00	80.00	68.00	50.00	64.00		64.80	10.83
Cryptobiotic		0.00	0.00	0.00	0.00	0.00		0.00	0.00
Total Physical Features		38.00	20.00	32.00	50.00	36.00		35.20	10.83

Building Slopes Data									
			Transect Number						
Percent Cover		1.00	2.00	3.00	4.00	5.00		Average	Std. Dev.
Shrubs		32.00	14.00	40.00	32.00	18.00		27.20	10.83
Forbs		2.00	12.00	10.00	14.00	0.00		7.60	6.23
Grasses		38.00	34.00	6.00	18.00	48.00		28.80	16.71
Trees		0.00	0.00	0.00	0.00	0.00		0.00	0.00
Total Vegetation		72.00	60.00	56.00	64.00	66.00		63.60	6.07
Cryptobiotic		0.00	0.00	0.00	0.00	0.00		0.00	0.00
Total Physical Features		28.00	40.00	44.00	36.00	34.00		36.40	6.07

Fence Slopes Data							
			Transect Number				
Percent Cover		1.00	2.00	3.00		Average	Std. Dev.
Shrubs		8.00	22.00	10.00		13.33	7.57
Forbs		34.00	2.00	22.00		19.33	16.17
Grasses		12.00	36.00	24.00		24.00	12.00
Trees		0.00	0.00	0.00		0.00	0.00
Total Vegetation		54.00	60.00	56.00		56.67	3.06
Cryptobiotic		0.00	0.00	0.00		0.00	0.00
Total Physical Features		46.00	40.00	44.00		43.33	3.06

Magazine Slopes Data									
				Transect Number					
Percent									
Cover			1.00	2.00	3.00	4.00	5.00	Average	Std. Dev.
Shrubs			38.00	50.00	40.00	42.00	20.00	38.00	11.05
Forbs			0.00	0.00	2.00	0.00	0.00	0.40	0.89
Grasses			28.00	22.00	38.00	4.00	12.00	20.80	13.31
Trees			0.00	0.00	0.00	0.00	6.00	1.20	2.68
Total Vegetation			66.00	72.00	80.00	46.00	38.00	60.40	17.74
Cryptobiotic			0.00	0.00	0.00	0.00	4.00	0.80	1.79
Total Physical Features			34.00	28.00	20.00	54.00	58.00	38.80	16.53

Pond Slopes Data									
				Transect Number					
Percent									
Cover			1.00	2.00	3.00	4.00		Average	Std. Dev.
Shrubs			26.00	26.00	32.00	20.00		26.00	4.90
Forbs			2.00	6.00	2.00	0.00		2.50	2.52
Grasses			14.00	40.00	20.00	36.00		27.50	12.48
Trees			0.00	4.00	0.00	0.00		1.00	2.00
Total Vegetation			42.00	76.00	54.00	56.00		57.00	14.09
Cryptobiotic			0.00	0.00	0.00	4.00		1.00	2.00
Total Physical Features			58.00	24.00	46.00	40.00		42.00	14.14

Portal Slopes Cover Data

Horse Canyon Revegatation Project Tally Sheet

Date:7/18/03 | Area:3 - LS | Transect:1 | UTM:0555658/4368203 | Heading:212

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1																			1							1	1																							4	8.00	12.90
Atriplex confertifolia																																																				0	0.00	0.00
Artemisia nova																																																				0	0.00	0.00
Artemisia tridentata tridentata																																					1	1	1				1	1				1			18	36.00	58.06
Chrysothamnus nauseosus						1	1		1				1	1				1	1		1	1				1			1	1																					0	0.00	0.00
Chrysothamnus viscidiflorus																																																	1		1	2.00	3.23
Cowania mexicana																																																				0	0.00	0.00
Ceratoides lanata																																																				0	0.00	0.00
Ephedra viridis																																																				0	0.00	0.00
Sarcobatus vermiculatus																																																				0	0.00	0.00
Gutierrezia sarothrae																																																				0	0.00	0.00
Total Shrubs Cover	1	0	0	0	0	1	1	0	1	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	1	1	0	23	46.00	74.19
Forbs & Succulents																																																				0	0.00	0.00
Machaeranthera canescens																																																				0	0.00	0.00
Medicago sativa																																																				0	0.00	0.00
Melilotus officinalis																																																				0	0.00	0.00
Penstemon palmeri																																																				0	0.00	0.00
Sphaeralcia coccinea																																																				0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Grass																																																				0	0.00	0.00
Agropyron smithii																																																				6	12.00	19.35
Agropyron spicatum		1	1	1																												1	1	1																		0	0.00	0.00
Agropyron cristatum																																																				0	0.00	0.00
Agropyron trachycaulum																																													1							2	4.00	6.45
Bromus tectorum										1																																										0	0.00	0.00
Elymus salinus																																																				0	0.00	0.00
Elymus cinereus																																																				0	0.00	0.00
Elymus giganteous																																																				0	0.00	0.00
Hilaria Jamesii																																																				0	0.00	0.00
Oryzopsis hymenoides																																																				0	0.00	0.00
Sitanion hystrix																																																				0	0.00	0.00
Stipa comata																																																				8	16.00	25.81
Total Grass Cover	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0			
Trees																																																				0	0.00	0.00
Juniper																																																				0	0.00	0.00
Pinon																																																				0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	1	1	1	0	1	1	0	1	1	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	0	0	1	1	1	0	0	1	1	1	0	0	0	1	1	0	31	62.00	100.00
Criptobiotic																																																				0	0.00	
Physical Features																																																						
Litter									1							1	1																									1									4	8.00	
Rock																																																				0	0.00	
Bare Ground						1						1	1					1						1	1	1						1				1	1				1					1	1	1			1	15	30.00	
Total Physical Features	0	0	0	0	1	0	0	1	0	0	1	1	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	1	0	0	1	19	38.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date:7/18/03 | Area:3 - LS | Transect:2 | UTM:0566623/4368143 | Heading:229

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens												1	1						1								1		1															1				1			7	14.00	17.50
Atriplex confertifolia																																																				0	0.00	0.00
Artemisia nova																																																				0	0.00	0.00
Artemisia tridentata tridentata				1				1									1	1							1			1		1				1	1					1	1						1				12	24.00	30.00
Chrysothamnus nauseosus																																														1						1	2.00	2.50
Chrysothamnus viscidiflorus								1															1			1					1											1										5	10.00	12.50
Cowania mexicana																																																				0	0.00	0.00
Ceratoides lanata																																																				0	0.00	0.00
Ephedra viridis																																																				0	0.00	0.00
Sarcobatus vermiculatus																																																				0	0.00	0.00
Gutierrezia sarothrae																																																				0	0.00	0.00
Total Shrubs Cover	0	0	0	1	0	0	0	1	1	0	0	1	1	0	0	0	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	0	0	1	1	0	0	0	0	1	1	1	0	1	0	1	1	1	0	0	26	60.00	62.50
Forbs & Succulents																																																				0	0.00	0.00
Machaeranthera canescens																																																				1	2.00	2.50
Medicago sativa																				1																																0	0.00	0.00
Melilotus officinalis																																																				0	0.00	0.00
Penstemon palmeri																																																				0	0.00	0.00
Sphaeralcia coccinea																																																				1	2.00	2.50
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2.00	2.50
Grass																																																				0	0.00	0.00
Agropyron smithii																																	1	1			1	1		1										1		8	16.00	20.00
Agropyron spicatum							1							1																																						0	0.00	0.00
Agropyron cristatum																																																				0	0.00	0.00
Agropyron trachycaulum																																							1						1							6	12.00	15.00
Bromus tectorum	1	1			1																				1																											0	0.00	0.00
Elymus elimus																																																				0	0.00	0.00
Elymus cinereus																																																				0	0.00	0.00
Elymus gigantecus																																																				0	0.00	0.00
Hilaria jamesii																																																				0	0.00	0.00
Oryzopsis hymenoides																																																				0	0.00	0.00
Sitanion hystrix																																																				0	0.00	0.00
Stipa comata																																																				0	0.00	0.00
Total Grass Cover	1	1	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	1	0	0	0	1	0	14	28.00	35.00
Trees																																																				0	0.00	0.00
Juniper																																																				0	0.00	0.00
Pinon																																																				0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	1	0	1	1	0	1	1	1	0	0	1	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	40	80.00	100.00
Criptobiotic																																																				0	0.00	
Physical Features																																																				0	0.00	
Litter																																																				0	0.00	
Rock																																												1							1	10	20.00	
Bare Ground			1			1				1	1				1	1						1	1																													10	20.00	
Total Physical Features	0	0	1	0	0	1	0	0	0	1	1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	10	20.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date:7/18/03 | **Area:3 - LS** | **Transect:3** | **UTM:0555591/4368128** | **Heading:239**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegation Cover
Shrubs																																																					
Atriplex canescens	1		1	1										1	1	1	1	1		1				1	1	1						1						1						1	1	1	1	1		19	38.00	55.88
Atriplex confertifolia																																																			0	0.00	0.00
Artemisia nova																																																			0	0.00	0.00
Artemisia tridentata tridentata																															1		1						1					1							4	8.00	11.76
Chrysothamnus nauseosus																																																			0	0.00	0.00
Chrysothamnus viscidiflorus																																																			0	0.00	0.00
Cowania mexicana																																																			0	0.00	0.00
Ceratoides lanata																																																			0	0.00	0.00
Ephedra viridis																																																			0	0.00	0.00
Sarcobatus vermiculatus																																																			0	0.00	0.00
Gutierrezia sarothrae																																																			0	0.00	0.00
Total Shrubs Cover	1	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	0	23	46.00	67.65
Forbs & Succulents																																																			0	0.00	0.00
Machaeranthera canescens																																																			0	0.00	0.00
Medicago sativa																																																			0	0.00	0.00
Melilotus officinalis																																																			0	0.00	0.00
Penstemon palmeri																																																			0	0.00	0.00
Sphaeralcia coccinea																																																			0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Grass																																																			0	0.00	0.00
Agropyron smithii																																																			6	10.00	14.71
Agropyron spicatum							1	1					1																						1	1																0	0.00	0.00
Agropyron cristatum																																																			0	0.00	0.00
Agropyron trachycaulum																																																			6	12.00	17.65
Bromus tectorum											1	1												1			1													1			1								0	0.00	0.00
Elymus elymus																																																			0	0.00	0.00
Elymus cinereus																																																			0	0.00	0.00
Elymus giganteous																																																			0	0.00	0.00
Hilaria jamesii																																																			0	0.00	0.00
Oryzopsis hymenoides																																																			0	0.00	0.00
Sitanion hystrix																																																			0	0.00	0.00
Stipa comata																																																			0	0.00	0.00
Total Grass Cover	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	11	22.00	32.35
Trees																																																			0	0.00	0.00
Juniper																																																			0	0.00	0.00
Pinon																																																			0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	0	1	1	0	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	1	1	1	1	1	0	0	0	1	1	1	0	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	0	34	68.00	100.00
Cryptobiotic																																																			0	0.00	
Physical Features																																																					
Litter					1																	1							1	1																				1	5	10.00	
Rock																																																			0	0.00	
Bare Ground			1						1	1	1									1			1								1				1			1				1	1								11	22.00	
Total Physical Features	0	1	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	1	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	16	32.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:7/18/03 | Area:3 - US | Transect:4 | UTM:0555558/4368087 | Heading:46

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetation Cover
Shrubs																																																					
Atriplex canescens						1													1								1	1																							4	8.00	16.00
Atriplex confertifolia																																																			0	0.00	0.00
Artemisia nova																																																			0	0.00	0.00
Artemisia tridentata tridentata	1						1	1																													1	1													5	10.00	20.00
Chrysothamnus nauseosus																																																			0	0.00	0.00
Chrysothamnus viscidiflorus																																																		1	1	2.00	4.00
Coleria mexicana																																																			0	0.00	0.00
Cercocarpus ledifolius																																																			1	2.00	4.00
Ephedra viridis													1																																						0	0.00	0.00
Sarcobatus vermiculatus																																																			0	0.00	0.00
Gutierrezia sarothrae																																																			0	0.00	0.00
Total Shrubs Cover	1	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	11	22.00	44.00
Forbs & Succulents																																																			0	0.00	0.00
Machaeranthera canescens																																																			0	0.00	0.00
Medicago sativa																																																			0	0.00	0.00
Melilotus officinalis																																																			0	0.00	0.00
Penstemon palmeri																																																			0	0.00	0.00
Sphaeralcia coccinea																																																			0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Grass																																																			0	0.00	0.00
Agropyron smithii																																																			9	18.00	36.00
Agropyron spicatum					1							1				1	1	1							1	1			1	1																					0	0.00	0.00
Agropyron cristatum																																																			0	0.00	0.00
Agropyron trachycaulum																																													1						1	2.00	4.00
Bromus tectorum																																														1					1	2.00	4.00
Elymus elymus																																																			0	0.00	0.00
Elymus cinereus																																																			0	0.00	0.00
Elymus gigenteous																																																			0	0.00	0.00
Hilaria jamesii																																									1		1					1			3	6.00	12.00
Oryzopsis hymenoides																																																			0	0.00	0.00
Sitanion hystrix																																																			0	0.00	0.00
Stipa comata																																																			14	28.00	56.00
Total Grass Cover	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	1	1	0	0	0			
Trees																																																			0	0.00	0.00
Juniper																																																			0	0.00	0.00
Pinon																																																			0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	0	0	0	1	1	1	1	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	0	1	0	0	1	1	1	0	0	1	25	50.00	100.00
Cryptobiotic																																																			0	0.00	
Physical Features																																																					
Litter									1																																										1	2.00	
Rock																1																																			1	2.00	
Bare Ground		1	1	1						1	1			1						1	1	1	1	1							1	1	1	1	1	1			1		1		1	1				1	1	23	46.00	
Total Physical Features	0	1	1	1	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	0	1	0	1	1	0	0	0	1	1	0	25	50.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date:7/18/03 | Area:3 - US | Transect:5 | UTM:0555591/4368095 | Heading:49

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetation Cover
Shrubs																																																					
Atriplex canescens																																																			0	0.00	0.00
Atriplex confertifolia																																																			0	0.00	0.00
Artemisia nova																																																			0	0.00	0.00
Artemisia tridentata tridentata																										1		1	1				1								1					1	1		1	1	9	18.00	28.13
Chrysothamnus nauseosus	1							1	1																																										3	6.00	9.38
Chrysothamnus viscidiflorus		1					1			1	1				1	1								1													1														8	16.00	25.00
Cowania mexicana																																																			0	0.00	0.00
Ceratoides lanata																																																			0	0.00	0.00
Ephedra viridis																																																			0	0.00	0.00
Sarcobatus vermiculatus																																																			0	0.00	0.00
Gutierrezia sarothrae																																																			0	0.00	0.00
Total Shrubs Cover	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	1	0	0	0	1	0	0	0	1	0	0	0	0	1	1	0	1	1	20	40.00	62.50
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0.00	0.00
Medicago sativa																																																			0	0.00	0.00
Melilotus officinalis																																																			0	0.00	0.00
Penstemon palmeri																																																			0	0.00	0.00
Sphaeralcia coccinea																																																			0	0.00	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Grass																																																					
Agropyron smithii																																																			0	0.00	0.00
Agropyron spicatum						1						1					1										1			1	1																				6	12.00	18.75
Agropyron cristatum																																																			0	0.00	0.00
Agropyron trachycaulum																																																			0	0.00	0.00
Bromus tectorum			1																															1	1	1									1					5	10.00	15.63
Elymus elimus																																																			0	0.00	0.00
Elymus cinereus																																																			0	0.00	0.00
Elymus gigenteous																																																			0	0.00	0.00
Hilaria jamesii																																																			0	0.00	0.00
Oryzopsis hymenoides																						1																													1	2.00	3.13
Sitanion hystrix																																																			0	0.00	0.00
Stipa comata																																																			0	0.00	0.00
Total Grass Cover	0	0	1	0	0	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	12	24.00	37.50
Trees																																																					
Juniper																																																			0	0.00	0.00
Pinon																																																			0	0.00	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00	0.00
Total Vegetation Cover	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	0	1	1	32	64.00	100.00
cryptobiotic																																																			0	0.00	
Physical Features																																																					
Litter																																																			0	0.00	
Rock																																																			0	0.00	
Bare Ground				1	1								1	1				1	1	1	1		1		1							1					1	1	1		1	1	1				1			18	36.00	
Total Physical Features	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	1	0	0	0	1	0	0	18	36.00	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100.00	
Comments:																																																					

Area 3 Slopes Cover Data

Horse Canyon Revegetation Project Tally Sheet

Date: 8/08/03 | Area: Building Slope | Transect: 1 | 585268/4367892 | Heading: 36

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens			1														1	1					1	1			1							1		1	1	1	1											11	22	30.56
Atriplex confertifolia																																																				0	0	0.00
Atriplex cuneata																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																									1										1																2	4	5.56
Chrysothamnus nauseosus																1												1																							2	4	5.56
Chrysothamnus viscidiflorus																																																		1	1	2	2.78
Coweria mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	16	32	44.44
Forbs & Succulents																																																						
Astragalus sp.				1																																																1	2	2.78
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.78
Grass																																																						
Agropyron smithii																																																						
Agropyron spicatum							1			1					1																												1								4	8	11.11
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum																																														1						1	2	2.78
Elymus elimus	1																															1	1																			3	6	8.33
Elymus cinereus																																																				0	0	0.00
Elymus giganteous		1								1		1	1		1				1											1	1									1	1	1									11	22	30.56
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	0	0	0	1	0	0	1	1	0	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	19	38	52.78
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	1	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	0	1	0	36	72	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock								1																																												1	2	
Bare Ground					1		1				1										1	1	1				1			1															1	1		1	1		1	13	26	
Total Physical Features	0	0	0	0	1	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	1	14	28	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date: 8/08/03 | Area: Building Slope | Transect: 2 | UTM: 555298/4367901 | Heading: 92

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens	1	1																																											1	1					2	4	6.67
Atriplex confertifolia																																																			2	4	6.67
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																				1											1	1			3	6	10.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0		
Total Shrube Cover	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	7	14	23.33
																																																				0		
Forbs & Succulents																																																			0	0	0.00
Astragalus sp. (dark) yellow																																																			0	0	0.00
Globe Mallow																																				1															2	4	6.67
Machaeranthera canescens																								1																											3	6	10.00
Medicago sativa																										1	1	1																							0	0	0.00
Melilotus officinalis																																								1											1	2	3.33
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																				0		
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	6	12	20.00
																																																				0		
Grass																																																			0	0	0.00
Agropyron smithii																																																			8	16	26.67
Agropyron spicatum			1	1			1	1					1	1		1	1																				1													2	4	6.67
Agropyron cristatum															1																																				0	0	0.00
Agropyron trachycaulum																																																			2	4	6.67
Bromus tectorum					1				1																						1	1							1	1										5	10	16.67
Elymus salinus																									1																										0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0		
Total Grass Cover	0	0	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	17	34	56.67
																																																				0		
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0		
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
																																																				0		
Total Vegetation Cover	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	30	60	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																			0	0	
Litter																																																			0	0	
Rock																																																			20	40	
Bare Ground							1				1	1	1						1	1	1	1	1						1	1	1			1	1							1	1	1	1					1	1			
Total Physical Features	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	20	40	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					

Horse Canyon Revegetation Project Tally Sheet

Date: 8/08/03 | Area: Building Slope | Transect: 3 | UTM: 5553214/4367810 | Heading: 70

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens														1														1												1										2	4	7.14
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata	1					1							1					1								1																				1			1	7	14	25.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus				1	1						1	1			1	1	1											1									1				1					1				11	22	39.29
Cowania mexicana																																																			0	0	0.00
Coryloides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	1	0	0	1	0	20	40	71.43
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			5	10	17.86
Penstemon palmeri		1																							1	1		1																								0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	17.86
Grass																																																			0	0	0.00
Agropyron smithii																																		1	1																2	4	7.14
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																		1	1	2	3.57
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteus																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	6	10.71
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	1	1	0	0	1	1	28	56	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter			1																1																							1								3	6	
Rock																																							1												1	2	
Bare Ground							1	1	1	1										1	1	1	1						1	1	1	1	1						1				1	1			1	1			18	36	
Total Physical Features	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	0	0	1	1	1	0	0	1	1	0	0	22	44	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date: 8/08/03 | Area: Building Slope | Transect: 4 | UTM: 555343/4367837 | Heading: 220

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																			2	4	6.25
Atriplex canescens		1																			1																														0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																														1					3	6	9.38
Artemisia tridentata tridentata	1													1																																					0	0	0.00
Chrysothamnus nauseosus																																					1							1							7	14	21.88
Chrysothamnus viscidiflorus							1								1											1	1	1																								0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			4	8	12.50
Gutierrezia sarothrae					1	1							1			1																																					
Total Shrubs Cover	1	1	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	1	0	0	0	0	16	32	50.00
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			7	14	21.88
Penstemon palmeri																										1			1	1					1	1						1	1									0	0	0.00
Sphaeralcia coccinea																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	7	14	21.88
Grass																																																			0	0	0.00
Agropyron smithii																																																	1		4	8	12.50
Agropyron spicatum											1	1					1																																		0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			1	2	3.13
Bromus tectorum			1																																																0	0	0.00
Elymus salinus																																													1		1	1			3	6	9.38
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																							1												1	2	3.13
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																					
Total Grass Cover	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	1	0	9	18	28.13
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	1	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	0	32	64	100.00
Cryptobiotic																																										*									0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground				1				1	1	1									1	1	1		1	1	1							1	1	1	1					1		1			1					1	18	36	
Total Physical Features	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	1	18	36	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					

Horse Canyon Revegetation Project Tally Sheet

Date: 8/08/03 | Area: Building Slope | Transect: 5 | UTM: | Heading: 258

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																								1	1	1										7	14	21.21
Atriplex canescens															1	1	1	1																																		0	0	0.00
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				1	2	3.03
Artemisia tridentata tridentata												1																											1												1	2	3.03
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																						
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	9	18	27.27
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grass																																																				0	0	0.00
Agropyron smithii																																														1						2	4	6.06
Agropyron spicatum	1																																														1	1				2	4	6.06
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																						1						1	1						9	18	27.27
Bromus tectorum																				1	1					1	1					1	1																		0	0	0.00
Elymus elinus																																																				1	2	3.03
Elymus cinereus											1																										1	1													10	20	30.30
Elymus giganteous													1									1	1	1				1	1	1	1																					0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																						
Total Grass Cover	1	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1	1	0	1	1	1	0	0	24	48	72.73
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	33	66	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter															1																		1	1	1															1	5	10	
Rock																																													1					1	0	0	
Bare Ground		1	1	1	1	1	1	1	1	1	1														1																										12	24	
Total Physical Features	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	17	34	
Comments:	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Fence Slopes Cover Data

Horse Canyon Revegetation Project Tally Sheet

Date: 8/05/03 | Area: Fence Slope | Transect: 1 | UTM: 556188/4367759 | Heading: 42

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Atriplex cuneata																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus													1															1										1													3	6	11.11
Chrysothamnus viscidiflorus																				1																															1	2	3.70
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	4	8	14.81
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa	1	1							1	1	1	1									1					1	1												1	1	1	1	1	1	1	1					17	34	62.96
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	17	34	62.96
Grass																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum			1					1									1	1	1																																5	10	18.52
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus elimus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides						1																																													1	2	3.70
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	0	0	1	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	22.22
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	0	1	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	27	54	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground				1	1		1							1	1	1						1	1	1	1				1	1	1	1	1	1	1	1	1								1	1	1	1	23	46	
Total Physical Features	0	0	0	1	1	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	23	46	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					

Horse Canyon Revegetation Project Tally Sheet

Date:8/08/03 | Area:Fence Slope | Transect:2 | UTM:555241/4367830 | Heading:7

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens							1																																							1					2	4	6.67
Atriplex confertifolia																																																			0	0	0.00
Atriplex cuneata																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata															1	1	1																																		3	6	10.00
Chrysothamnus nauseosus																														1							1				1	1	1								5	10	16.67
Chrysothamnus viscidiflorus																																																			0	0	0.00
Coweria mexicana																																																		1	1	2	3.33
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	0	0	0	1	11	22	36.67
Forbs & Succulents																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																1			1	2	3.33
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2	3.33
Grass																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1	1		1						1	1								1	1											1	1	1							1				1	1					13	26	43.33
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus elinus												1						1																																	2	4	6.67
Elymus cinereus																																																			0	0	0.00
Elymus giganteous			1						1																																										2	4	6.67
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																					1																														1	2	3.33
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	18	36	60.00
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	0	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	1	1	1	1	1	1	1	0	1	0	1	30	60	100.00
Cryptobiotic																																																					
																																																			0		
Physical Features																																																					
Litter					1																			1																											2	4	
Rock						1																1						1							1	1															5	10	
Bare Ground								1					1	1									1		1	1	1		1					1				1	1								1		1		13	26	
Total Physical Features	0	0	0	0	1	1	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	0	1	0	1	0	20	40	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																					

Horse Canyon Revegetation Project Tally Sheet

Date: 8/08/03 | Area: Fence Slope | Transect: 3 | UTM: 555190/4367601 | Heading: 218

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																		1	1	2	3.57
Chrysothamnus nauseosus																									1																								1		2	4	7.14
Chrysothamnus viscidiflorus																										1															1										2	4	7.14
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	5	10	17.86
Forbs & Succulents																																																					
Macheeranthera canescens																																																			0	0	0.00
Medicago sativa						1	1	1								1	1	1	1								1									1	1	1												11	22	39.29
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	11	22	39.29
Grass																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum					1										1																			1	1				1	1							1	1		8	16	28.57
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus														1																																					1	2	3.57
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																				1																															1	2	3.57
Sitanion hystrix																																	1												1						2	4	7.14
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	0	1	0	1	1	0	0	12	24	42.86
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	28	56	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground	1	1	1	1					1	1	1	1	1								1	1	1	1				1	1	1	1	1										1	1	1		1					22	44	
Total Physical Features	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	22	44	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Magazine Slopes Cover Data

Horse Canyon Revegetation Project Tally Sheet

Date:7/18/03 | Area:Magazine | Transect:1 | UTM:0658823/4388454 | Heading:270 | Coordinates:

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0.00
Atriplex confertifolia																																																				0	0	0.00
Atriplex cuneata																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata		1	1	1												1								1	1	1				1	1	1								1	1	1	1						1		15	30	45.45
Chrysothamnus nauseosus															1								1																													2	4	6.06
Chrysothamnus viscidiflorus																																	1						1													2	4	6.06
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	0	19	38	57.58
Forbs																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grass																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum							1										1					1					1	1	1					1	1	1	1	1						1	1			1			14	28	42.42
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Galeta Grass																																																				0	0	0.00
Hilaria jameii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	0	0	1	0	0	14	28	42.42
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	33	66	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																			1	2	4	
Litter																					1																															0	0	
Rock																																														1	1					15	30	
Bare Ground	1				1	1		1	1	1	1	1	1	1				1	1	1																															17	34	
Total Physical Features	1	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:7/18/03 | Area:Magazine | Transect:2 | UTM:0565984/4368456 | Heading:152 | Coordinates:

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0.00
Atriplex confertifolia																																																				0	0	0.00
Atriplex cuneata																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata	1	1	1	1	1						1	1	1	1	1	1	1						1			1	1	1	1							1	1	1			1	1									22	44	61.11
Chrysothamnus nauseoseus																																																				0	0	0.00
Chrysothamnus viscidiflorus																		1																														1	1			3	6	8.33
Coleania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Unknown Buckwheat																																																				0	0	0.00
Total Shrubs Cover	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	1	1	0	0	25	50	69.44
Forbs																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grass																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																						1																														1	2	2.78
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum						1													1	1	1			1	1					1									1					1	1							10	20	27.78
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jameesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	11	22	30.56
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	1	1	1	1	0	0	1	1	0	0	36	72	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter							1	1	1																																				1						4	8	
Rock																																																				0	0	
Bare Ground										1																					1	1	1	1	1					1						1			1	1	10	20	
Physical Features	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	1	1	0	0	1	1	14	28	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:7/18/03 | Area:Magazine | Transect:3 | UTM:0555890/4388418 | Heading:29 | Coordinates:

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Atriplex cuneata																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata		1	1								1				1	1						1	1	1	1	1	1						1		1										1	1				15	30	37.50
Chrysothamnus nauseosus																																															1				1	2	2.50
Chrysothamnus viscidiflorus												1									1													1																	3	6	7.50
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																				1															1	2	2.50
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Unknown Buckwheat																																																			0	0	0.00
Total Shrubs Cover	0	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	20	40	50.00
Forbs																																																			0	0	0.00
Globe Mallow																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Medicago L																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			1	2	2.50
Tumble Mustard							1																																												0	0	0.00
Winterfat																																																			1	2	2.50
Total Forb Cover	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.50
Grass																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum				1	1	1		1	1	1			1	1			1		1	1								1	1								1	1	1	1									1	1	19	38	47.50
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigantecus																																																			0	0	0.00
Galeta Grass																																																			0	0	0.00
Hilaria jameii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	1	1	1	0	1	1	1	0	0	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	19	38	47.50
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Trees Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	1	1	40	80	100.00
Cryptobiotic																																																			0	0	
Physical Features																														1	1	1																	1		5	10	
Litter	1																																																		0	0	
Rock																																										1	1	1	1						5	10	
Bare Ground																			1																																	10	20	
Total Physical Features	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	10	20	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date:7/18/03 | Area:Magazine | Transect:4 | UTM:0556618/4368416 | Heading:220 | Coordinates:

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0.00
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata			1	1														1	1	1	1								1							1	1	1	1	1	1	1	1		1	1					17	34	73.91
Chrysothamnus nauseosus																						1																						1							2	4	8.70
Chrysothamnus viscidiflorus		1																																												1					2	4	8.70
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	21	42	91.30
Forbs																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Medicago L.																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Winterfat																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grass																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jameesii																																																				0	0	0.00
Oryzopsis hymenoides																							1								1																					2	4	8.70
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8.70
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	23	46	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																	1			1	2	
Litter																																																				2	4	
Rock								1	1																																									1	1	24	48	
Bare Ground	1				1	1	1			1	1	1	1	1	1	1	1							1	1	1	1	1		1		1	1	1	1																0	
Total Physical Features	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	27	54	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

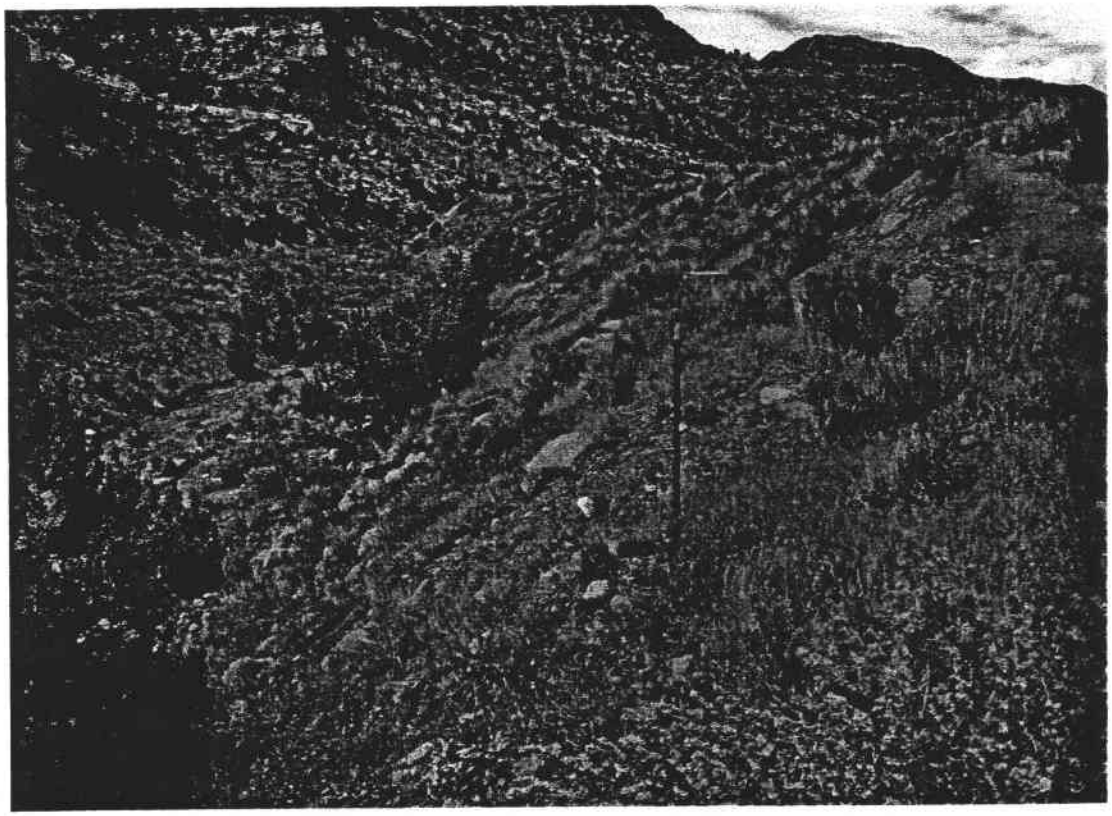
Horse Canyon Revegetation Project Tally Sheet

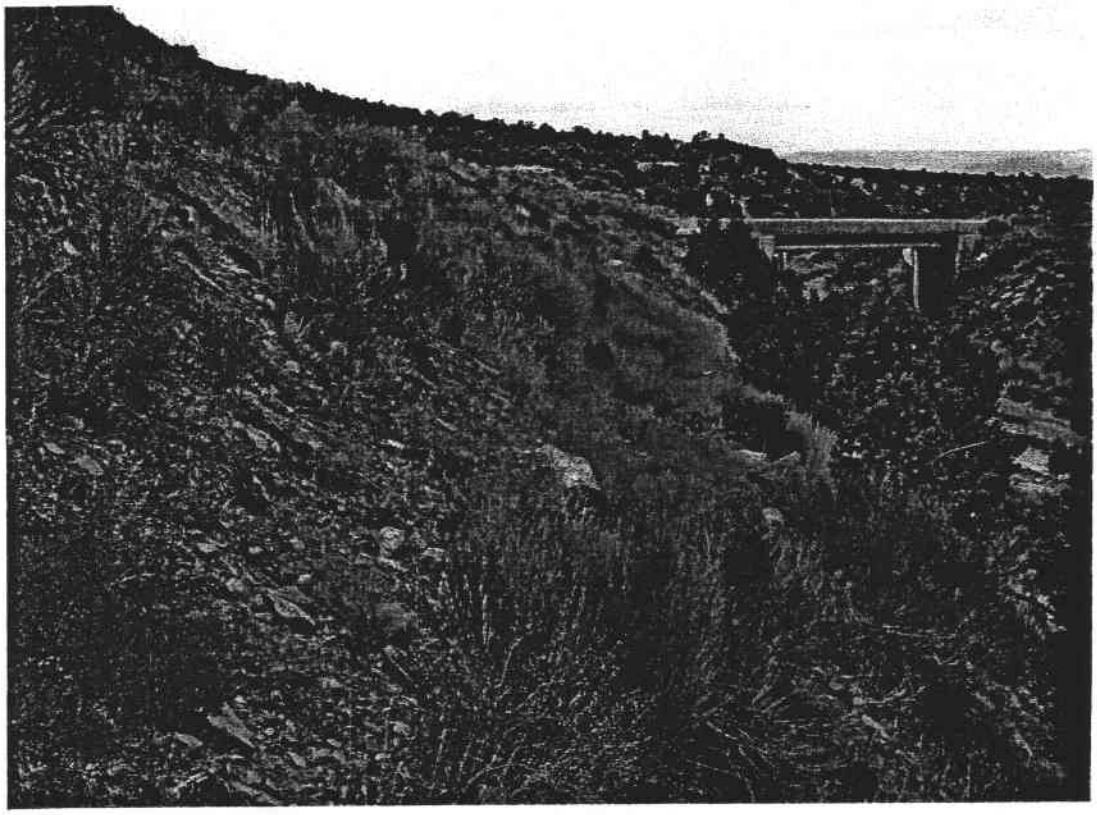
Date:7/15/03 | Area:Magazine | Transect:5 | UTM:0558602/4368408 | Heading:215 | Coordinates:

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0.00
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata				1	1						1	1																		1							1	1	1												8	16	42.11
Chrysothamnus nauseosus																																																		1	1	2	5.26
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae										1																																										1	2	5.26
Unknown Buckwheat																																																				0	0	0.00
Total Shrubs Cover	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	10	20	52.63
Forbs																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grass																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum																						1	1																													2	4	10.53
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides													1							1	1			1																												4	8	21.05
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	31.58
Trees																																																						
Juniper																																											1	1	1						3	6	15.79
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	3	6	15.79
Total Vegetation Cover	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	1	0	19	38	100.00
Cryptobiotic																											1									1																2	4	
Physical Features																																																						
Litter																																																				0	0	
Rock																												1						1	1						1	1					1	1			7	14	
Bare Ground	1	1	1			1	1	1	1					1	1	1	1	1	1						1	1			1		1	1	1										1					1		1	22	44	
Total Physical Features	1	1	1	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	0	1	1	0	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	1	29	58	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Pond Slopes Cover Data





Horse Canyon Revegetation Project Tally Sheet

Date: 8/08/03 | Area: Pond | Transect: 1 | UTM: 554985/4387496 | Heading: 358 | Coordinates:

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																							1														2	4	6.52
Atriplex canescens																			1																																		0	0	0.00
Atriplex confertifolia																																																					0	0	0.00
Artemisia nova																																																					0	0	0.00
Artemisia tridentata tridentata																																				1												1				4	8	19.05
Chrysothamnus nauseosus				1			1																																		1	1	1									6	12	28.57
Chrysothamnus viscidiflorus					1	1																				1																										0	0	0.00
Cowania mexicana																																																					0	0	0.00
Ceratoides lanata																																																					0	0	0.00
Ephedra viridis																																																					0	0	0.00
Sarcobatus vermiculatus																																																					0	0	0.00
Gutierrezia sarothrae																																																					0	0	0.00
Halogeton glomeratus									1																																												1	2	4.76
Total Shrubs Cover	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1	0	0	0	0	1	0	0	13	26	61.90
Forbs & Succulents																																																						
Grindelia squarrosa			1																																																		1	2	4.76
Machaeranthera canescens																																																					0	0	0.00
Medicago sativa																																																					0	0	0.00
Melilotus officinalis																																																					0	0	0.00
Penstemon palmeri																																																					0	0	0.00
Sphaeralcia coccinea																																																					0	0	0.00
Total Forb Cover	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4.76
Grass																																																						
Agropyron smithii																																																					0	0	0.00
Agropyron spicatum																																																					0	0	0.00
Agropyron cristatum																																																					0	0	0.00
Agropyron trachycaulum																																																					0	0	0.00
Bromus tectorum										1	1														1		1	1																			1					6	12	28.57
Elymus cinereus																																																					0	0	0.00
Elymus elymoides																																																					0	0	0.00
Elymus giganteus																																																					0	0	0.00
Hilaria jamesii																																																					0	0	0.00
Oryzopsis hymenoides																1																																				1	2	4.76
Sitanion hystrix																																																					0	0	0.00
Stipa comata																																																					0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	7	14	33.33
Trees																																																						
Juniper																																																					0	0	0.00
Pinon																																																					0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	1	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	1	0	1	1	1	0	0	0	1	1	0	0	21	42	100.00
Cryptobiotic																																			1																		1	2	
Physical Features																																																						
Litter															1																																						1	2	
Rock																																																					0	0	
Bare Ground	1	1						1				1	1	1			1	1		1	1	1	1	1					1	1	1	1	1	1			1	1		1				1	1	1			1	1	27	54	
Total Physical Features	1	1	0	0	0	0	0	1	0	0	0	1	1	1	1	0	1	1	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	1	1	0	1	0	0	0	1	1	1	0	0	1	1	28	56	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																						

Horse Canyon Revegetation Project Tally Sheet

Date: 8/08/03 | Area: Pond | Transect: 2 | UTM: 555000/4367461 | Heading: 15 | Coordinates:

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																												1	1	1			1	1	5	10	13.16
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																											1								1	2	2.63
Artemisia tridentata tridentata																													1	1																					4	8	10.53
Chrysothamnus nauseosus		1					1																										1	1																	2	4	5.26
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			1	2	2.63
Ceratoides lanata								1																																											0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																					
Gutierrezia sarothrae																																																					
Total Shrubs Cover	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	13	26	34.21
Forbs & Succulents																																																			0	0	0.00
Globe Mallow																																																			1	2	2.63
Machaeranthera canescens	1																																																		0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			2	4	5.26
Tumble Mustard																									1	1																											
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	7.89
Grass																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			19	38	50.00
Bromus tectorum							1				1	1	1	1	1	1	1	1	1	1	1	1	1										1			1	1	1	1											0	0	0.00
Elymus elymus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			1	2	2.63
Oryzopsis hymenoides																															1																				0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																					
Total Grass Cover	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	20	40	52.63
Trees																																																			2	4	5.26
Juniper			1	1																																															0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5.26
Total Vegetation Cover	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	1	1	38	76	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																											1																				1				2	4	
Rock																																																			0	0	
Bare Ground						1			1	1																		1	1										1	1	1	1						1			10	20	
Total Physical Features	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	12	24	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Horse Canyon Revegetation Project Tally Sheet

Date: 8/08/05 | Area: Pond | Transect: 3 | UTM: 555634/4367415 | Heading: 187 | Coordinates:

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens											1								1	1			1	1				1	1	1	1																				9	18	33.33
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata												1															1														1	1	1								5	10	18.52
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																	1			1	2	3.70
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																												1								1	2	3.70
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	16	32	59.26
Forbs & Succulents																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																										1																										1	2	3.70
Sphaeralcia coccinea																																																				0	0	
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.70
Grass																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum		1	1						1	1												1																														5	10	18.52
Agropyron cristatum																																																				0	0	0.00
Agropyron trachycaulum																																																				0	0	0.00
Bromus tectorum				1													1	1																											1			1			5	10	18.52
Elymus elinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	10	20	37.04
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	0	27	54	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter	1																				1				1										1	1													1	8	12	
Rock																																																				0	0	
Bare Ground					1	1	1	1					1	1	1	1																1	1	1			1	1	1	1					1	1			17	34	
Total Physical Features	1	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	1	23	46	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	
Comments:																																																						

Horse Canyon Revegetation Project Tally Sheet

Date:8/08/03 | Area:Pond | Transect:4 | UTM:555009/4367584 | Heading:194 | Coordinates:

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																												1						1				1													3	6	10.71
Chrysothamnus viscidiflorus																																							1												1	2	3.57
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae					1	1												1	1								1																				1				6	12	21.43
Total Shrubs Cover	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	10	20	35.71
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcea coccinea																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grass																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum			1	1													1																																		3	6	10.71
Agropyron cristatum																																																			0	0	0.00
Agropyron trachycaulum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus elinus							1	1						1	1	1																				1	1													7	14	25.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jameii																																																			0	0	0.00
Oryzopsis hymenoides																				1	1																						1	1	1	1			1	1	8	16	28.57
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	1	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	1	1	18	36	64.29
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	0	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	28	56	100.00
Cryptobiotic																													1						1																2	4	
Physical Features																																																					
Litter																																										1									1	2	
Rock	1								1																	1							1																	4	8	
Bare Ground		1								1	1	1	1										1	1	1	1				1	1	1								1	1								1		15	30	
Total Physical Features	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	20	40	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	50	100	

Comments:

Appendix III-1-5

Horse Canyon Vegetation Survey 2004

Horse Canyon Vegetation Survey - 2004

Submitted by
Mike King, Ph.D.

July30, 2005

Abstract

A vegetation inventory was conducted on 6 revegetation sites on the Horse Canyon Mine property between June and August, 2004. Data were collected regarding percent cover, percent cover by species, and woody plant density at each site. Data were also collected from a reference site located on Bureau of Land Management property adjacent to mine property. Revegetated sites were compared to the reference area with respect to cover and woody plant density to determine similarity. All sites cover averages exceed the cover average for the reference site and should be judged to have satisfactorily exceeded minimum requirements with respect to cover. Woody plant density in all revegetated sites exceeded woody plant density in the reference area. Species diversity was also higher in all revegetated areas when compared to the reference area. Life form similarity comparisons indicated that in almost every case, the revegetated areas exceeded the 70% standard with respect to percent cover.

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Introduction

In June of 2004, fieldwork was initiated and continued through August 2004 to document vegetation condition of a reference area and 6 representative revegetated sites on the Horse Canyon Mine property. It also was conducted to fulfill the sampling requirement for year 10 of reclamation and to substantiate that the vegetation requirements were met for Phase II bond release.

The project included vegetation surveys of 6 revegetated sites and a reference area established in 1985 according to Utah Division of Oil, Gas, and Mining (DOGM) permitting requirements. Data collection included percent cover, percent cover by species, woody plant density, and species diversity for each site. Similarity indices were to be calculated between revegetated sites and the reference area to determine if the revegetation efforts have satisfactorily met prescribed revegetation standards determined as part of the Horse Canyon Mine reclamation plan.

The information below includes summary and analyses of these vegetation surveys.

Materials and Methods

Six revegetation sites were selected for analysis based on previous survey work conducted on the mine property in 1995 (Table 1). These areas were selected based on revegetation treatment, slope, aspect, and general topographic similarities. The sites correspond to reclamation treatment areas in the horse Canyon Mine reclamation plan. The reference area, located adjacent to the Horse Canyon mine property on Bureau of Land Management land, was selected several years ago as the revegetation plan was established. The Vegetation Surveys were carried out according to the Division of Oil, Gas and Mining (DOGM) vegetation sampling methods (February 1992 Revised DOGM Vegetation Information Guidelines). Data collected during the surveys were used to determine ground cover, cover by species, and woody plant density. A comparison of the reference areas and revegetated areas was made to determine similarity of the 2 areas.

Table 1. Horse Canyon Vegetation Survey Sites*	
Site Number	**Description**
3	North-facing slope
6	South-facing slope
7	Rabbitbrush treatment; South-facing slope
11,13,14	Flat topography near canyon mouth
16	Borrow pit area
15, 17	Former refuse pile and landfill area
Reference Area	Mature Pinon - Juniper Woodland

* See Appendix 3 for photographs of each site

Percent Cover

The point-intercept method was used to sample cover. A total of 15 - 100 ft sampling transects were run at each revegetation site to determine percent cover. Transects were located using coordinates selected from a random number table. Coordinates were paced off and a compass direction was selected using the random number table as well. Once transect start point and compass direction were established, investigators laid out a 100 ft tape in the appropriate direction and then walked the length of the tape to record vegetation. Investigators took samples at 2ft intervals along the length of the tape. A total of 50 points were recorded for each transect. Similar methods were used in the reference area.

Cover categories included: 1) Physical Features including a) bare ground (rock or soil material less < 12 inches in diameter), b) litter (dead plant material lying on ground surface), c) rock (rock material >12 inches in diameter), 2) Cryptobiotic Soil, 3) Vegetation including a) shrubs b) forbs and succulents (cactus species), c) grasses, and d) trees. When possible, plants were identified to species level. Points were selected by viewing the transect at 2 foot intervals with an ocular viewing device with cross hairs. When there was an overhead canopy, verticle projections were made above the 100 ft tape to include the highest level of vegetation in the sample.

Adequacy of sample size was determined as per DOGM guidelines (DOGM 1992); see Table 2. Sample adequacy for cover was met at the 90% confidence level with a 10% change in the mean as required by DOGM. Fifteen transects were run in the

reference area even though sample adequacy suggested that 16 transects be run to keep consistency with the numnber of transects run in revegetated areas.

Table 2. Minimum sample sizes		
Area	**Cover**	**Woody Plant Density**
Reference	16.60	155.33
3	1.46	33.26
6	1.62	38.67
7	1.31	63.10
11/13/14	5.38	47.51
15/17	3.35	54.32
16	3.38	80.32

Woody Plant Density

Woody plant densities were estimated using the belt transect method (DOGM 1992). A total of 15 - 100 ft X 10 ft transects were run in each area to determine woody plant density. Transects were located using coordinates selected from a random number table. Coordinates were paced off and a compass direction was selected using the random number table as well. Once transect start point and compass direction were established, investigators walked the length of the transect and recorded species of all individual shrubs rooted in each belt. Total number of plants per acre was calculated using DOGM guidelines. Minimum sample sizes for adequacy ranged from 33 to 155 (Table 2). To keep sampling consistent and avoid excessive disturbance to sites, shrub densities were estimated using the minimum of 15 transects as was done in previous vegetation surveys.

Similarity

Similarity of revegetated sites and the reference area with respect to species composition was determined using the Jaccard's Community Coefficient (DOGM

1992). The index of similarity is calculated by:

$$SI = C/(A + B - C) * 100$$

where:

A = number of species in the reference area
B = number of species in the revegetated area
C = number of species common to both sites

Species Diversity

Species diversity lists of all sites were compiled based on data collected during cover sampling. Also, similarity of sites with respect to cover was based on Jaccard's Similarity Index:

SI = Cover (%) for Life Forms/Total Vegetation Cover

where:

Life forms = Shrubs, Forbs, or Grasses.

SI values for each life form were calculated for the reference area and each revegetation site. If the SI value of the revegetation area equaled or exceeded 70% of the reference area value it was judged to be successful.

Results

The survey was conducted during the seventh year of abnormally dry weather in Utah and the western United States. Annual precipitation at the Sunnyside City Center weather station (approximately 7 miles north of Horse Canyon) and the Price Warehouses weather station (approximately 30 miles west of horse Canyon) was below long-term averages for both sites. The precipitation for the 2004 water year (Oct 1, 2003-Sept 31,2004) at Sunnyside was 12.72 inches compared to the 30 year average of 13.87 inches. Similarly annual precipitation for the Price Warehouses station for the 2004 water year was 8.31 inches or 85% of the normal (Utah Climate Center records, Utah State University, Logan, Utah). This pattern is typical of most regions in Utah due to several years of drought throughout the state. This prolonged period of reduced moisture has no doubt had an effect on plant production and

survival throughout the state and the eastern Utah area. *Signs of significant shrub death was evident in all study sites.*

Though plant growth was likely limited during the year, there were no signs of disease or insect damage and plants generally appeared to be in good health.

As with the vegetation study conducted in 2003, all areas showed some use by livestock. Cattle sign was found in all areas, though the use was not extensive. Plants showed no signs of overgrazing. It is assumed that the used was limited to the few days livestock operators in the area moved their cattle to and from summer range in the Range Creek area. Mule deer sign was also observed in all revegetated areas as well as the reference area. Chukar partridges were heard in or near areas 16, 15/17, and 11/13/14. A group of 5 Rocky Mountain bighorn ewes was seen in a site close to area 11/13/14 in July 2004.

Percent Cover

Reference Area

Cover data for the Horse Canyon reference area are included in Table 3 (data for each transect are included in Appendix 1). The average vegetation cover for the Reference area was 43.20%. The vegetative component was comprised of 24.00% trees, 15.60% grasses, 1.87% percent shrubs, and 1.73% forbs and succulents (for relative percent vegetation for each transect see Appendix 1).

Table 3. Horse Canyon Average Cover Summary*

Cover Type	Area						
	Ref	**3**	**6**	**7**	**11,13,14**	**15,17**	**16**
Shrubs	1.87 *1.00*	51.87 *33.07*	40.40 *33.60*	56.00 *49.87*	28.80 *24.80*	37.07 *34.27*	27.20 *15.73*
Forbs	1.73 *0.73*	2.93 *6.53*	0.93 *0.93*	2.67 *1.60*	2.00 *1.33*	0.13 *1.20*	3.47 *8.40*
Grasses	15.60 *10.53*	33.73 *46.53*	44.00 *54.53*	25.47 *25.87*	50.13 *42.80*	33.60 *41.87*	42.00 *42.13*
Trees	24.00 *20.57*	0 *0*	0 *0*	0 *0*	0 *0*	0 *0*	0 *0*
Total Vegetation	43.20 *32.83*	88.53 *86.13*	85.33 *89.07*	83.73 *77.33*	80.93 *72.53*	70.80 *77.33*	74.13 *66.27*

Cryptobiotic	10.13 *5.4*	0.27 *0.13*	0.27 *0.53*	0 *0*	0.27 *0.53*	0 *0*	0 *0.13*
Physical Features	49.73 *60.60*	11.20 *13.73*	14.40 *10.13*	16.27 *22.27*	18.80 *26.93*	29.20 *22.67*	25.87 *33.60*

* Italicized values are from the 2003 vegetation survey report

Area 3

The average vegetation cover for Area 3 was 88.53%. The vegetative component was comprised of 51.87% shrubs, 2.93% forbs and succulents, and 33.73% grasses, (Appendix 1; for relative percent vegetation for each transect also see Appendix 1.

Area 6

The average vegetation cover for Area 6 was 85.33%. The vegetative component was comprised of 340.40% shrubs, 0.93% forbs and succulents, and 44.00% grasses, Appendix 1; for relative percent vegetation for each transect also see Appendix 1).

Area 7

The average vegetation cover for Area 7 was 83.73%. The vegetative component was comprised of 56.00% shrubs, 2.67% forbs and succulents, and 25.47% grasses, (Appendix 1; for relative percent vegetation for each transect also see Appendix 1).

Area 11,13,14

The average vegetation cover for Area 11/13/14 was 80.93%. The vegetative component was comprised of 28.80% shrubs, 2.00% forbs and succulents, and 50.13% grasses, (Appendix 1; for relative percent vegetation for each transect also see Appendix 1).

Area 15,17

The average vegetation cover for Area 15/17 was 70.80%. The vegetative component was comprised of 37.07% shrubs, 0.13% forbs and succulents, and 33.60% grasses, (Appendix 1; for relative percent vegetation for each transect also see Appendix 1).

Area 16

The average vegetation cover for Area 16 was 74.13%. The vegetative component was comprised of 27.20% shrubs, 3.47% forbs and succulents, and 42.00% grasses,

(Appendix 1; for relative percent vegetation for each transect also see Appendix 1).

In order to meet the revegetation plan success standard, 90% of undisturbed reference area, each site should meet or exceed 38.88% cover. Since all sites cover averages exceed the minimum requirement, it should be judged that the treatments have been satisfactory with respect to percent cover as was the case for the year 9 vegetation survey.

Woody Plant Density

Woody plant density data for the Horse Canyon reference area are included in Table 4 (data for each transect are included in Appendix 2).

Table 4. Horse Canyon Woody Plant Densities (plants/acre)

Area	Average	Std. Dev.	90% Confidence Interval	Min. - Max.
Reference	1112.23	787.16	334.31	777.92 - 1446.54
3	1794.67	587.70	249.60	1545.07 - 2044.27
6	3905.88	1379.32	585.80	3320.08 - 4491.68
7	4817.74	2173.13	922.93	3894.81 - 5740.67
11/13/14	1542.02	603.54	256.32	1285.70 - 1798.34
15/17	2247.70	940.73	399.53	1848.17 - 2647.23
16	2572.94	1309.44	556.12	2016.82 - 3129.06
Revegetated Areas Average	2813.49	1283.97	545.30	2268.19 - 3358.79

Reference Area.

The Reference area was the least populated area with respect to woody plants. Including tree species, plants/acre ranged from 479.16 to 2657.16, with an average of 1112.23 (90% confidence intervals are also listed in Table 4). The most predominant woody plants in the Reference area were Snakeweed (*Gutierrezia sarothrae* - 763.75 plants/acre, 68.67%) and Utah Juniper (*Juniperus osteosperma* - 258.46 plants/acre, 23.23%).

Area 3.

Area 3 had an average plants/acre of 1794.67 (90% confidence intervals are listed in Table 4). Individual transect values ranged from 958.32 - 3223.44. The site was dominated by Sagebrush (*Artemisia tridentata* - 813.12 plants/acre, 45.30%), Four Wing Saltbush (*Atriplex canescens* - 743.42 plants/acre, 41.42%), and Big Rabbitbrush (*Chrysothamnus nauseosus* - 136.48 plants/acre, 7.60%).

Area 6.

Area 6 had an average plants/acre of 3905.88 (90% confidence intervals are listed in Table 4). Individual transect values ranged from 2003.76 - 5314.32. The site was dominated by Sagebrush (*Artemisia tridentata* - 1591.39 plants/acre, 40.74%), Four Wing Saltbush (*Atriplex canescens* - 1269.05 plants/acre, 32.49%), Winterfat (*Ceratoides lanata* - 10.56%), and Douglas Rabbitbrush (*Chrysothamnus viscidiflorus* - 264.26 plants/acre, 6.77%).

Area 7.

Area 7 had an average plants/acre of 4817.74 (90% confidence intervals are listed in Table 4). Individual transect values ranged from 3615.48 - 10846.44. The site was dominated by Sagebrush (*Artemisia tridentata* - 33232.15 plants/acre, 67.09%) and Four Wing Saltbush (*Atriplex canescens* - 1097.71 plants/acre, 22.78%).

Area 11,13,14.

Area 11/13/14 had an average plants/acre of 1542.02 (90% confidence intervals are listed in Table 4). Individual transect values ranged from 522.72 - 2831.40. The site was dominated by Sagebrush (*Artemisia tridentata* - 354.29 plants/acre, 22.98%) and Four Wing Saltbush (*Atriplex canescens* - 990.26 plants/acre, 64.22%).

Area 15,17.

Area 11/13/14 had an average plants/acre of 2247.70 (90% confidence intervals are listed in Table 4). Individual transect values ranged from 435.60 - 3659.04. The site was dominated by Sagebrush (*Artemisia tridentata* - 1042.54 plants/acre, 46.38%) and Four Wing Saltbush (*Atriplex canescens* - 772.46 plants/acre, 34.37%).

Area 16.

Area 11/13/14 had an average plants/acre of 2572.94 (90% confidence intervals are listed in Table 4). Individual transect values ranged from 784.084835.16 - 4094.64. The site was dominated by Sagebrush (*Artemisia tridentata* - 972.84 plants/acre, 37.81%), Four Wing Saltbush (*Atriplex canescens* - 891.53 plants/acre, 34.65%), Big Rabbitbrush

(*Chrysothamnus nauseosus* - 360.10 plants/acre, 14.00%), and Shadscale (*Atriplex confertifolia* - 241.03, 9.37%) .

Average of all Treatment Areas

An average was calculated combining data for all treatment areas. The average woody plant plants/acre when considering all treatment areas was 2813.49. Calculation of a 90% confidence interval indicates that we can be 90% confident that the actual mean of the population lies between 2268.19 - 3358.79 plants/acre.

With respect to woody plant density, only 2 sites did not clearly exceed the standard of 2000 plants/acre established in the revegetation plan for the Horse Canyon area. Area 6 (3905.88), Area 7 (4817.74), Area 15/17 (2247.70), and Area 16 (2572.94) all exceeded 2000 plants per acre. Areas 3 (1794.67; 90% confidence interval: 1545.07 - 2044.27) and 11/13/14 (1542.02; 90% confidence interval; 1285.70 - 1798.34) both have averages below 2000. Considering the confidence intervals, only Area 11/13/14 falls clearly below the 2000 shrubs/acre standard. However, when compared to the Reference area (1112.23), even areas 3 and 11/13/14 far exceed the undisturbed site with respect to woody plants/acre. Given these data, the woody plant density treatments should be characterized as relatively successful.

Species Diversity

Lists of species for the Reference area and each of the revegetation sites is listed in Table 5. All comparisons show more total species in each of the revegetated sites than in the Reference area.

Table 5. Species Lists for Horse Canyon Inventory Area

Species	Site						
	Ref.	3	6	7	11/ 13/14	15/ 17	16
Shrubs							
Artemisia nova		x	x	x		x	
Artemisia tridentata		x	x	x	x	x	x
Atriplex canescens		x	x	x	x	x	x
Atriplex confertifolia			x	x		x	x
Ceratoides lanata			x	x	x	x	x
Chrysothamnus nauseosus		x	x	x	x	x	x
Chrysothamnus viscidiflorus		x	x	x	x		x

Cowania mexicana		x		x	x		
Ephedra viridis							
Gutierrezia sarothrae	x	x	x	x	x	x	x
Sarcobatus vermiculatus	x		x		x	x	
Forbs & Succulents							
Echinocereus triglochidiatus							
Medicago sativa					x		x
Meliotus officinalis		x					
Penstemon palmeri		x	x	x	x		x
Euphorbia fendleri	x				x		
Sisymbrium altissimum		x	x	x			
Sphaeralcia coccinea	x			x	x		
Grindelia squarrosa		x	x		x		
Machaerantha canescens	x	x	x		x	x	x
Phlox sp.	x						
Plantago patagonica	x						
Opuntia compressa	x						
Grasses							
Agropyron cristatum		x			x		x
Agropyron smithii		x	x				
Agropyron spicatum		x	x	x	x	x	x
Bromus inermis			x				
Bromus japonicus							
Bromus tectorum	x	x	x	x	x	x	x
Elymus cinereus		x	x	x	x	x	x
Elymus gigantius		x	x		x	x	
Elymus salinus	x		x		x	x	
Hilaria jamesii			x			x	
Oryzopsis hymenoides			x	x	x	x	x

Sitanion hystrix			x	x			
Stipa comata				x			
Vulpia octaflora							
Trees							
Juniperus osteosperma	x						
Pinus edulis	x						
Total Species in each area	12	18	23	18	21	16	15

Also in each revegetation site, there were more species with greater than 5% cover than in the Reference area. The Reference area had a total of 12 species with 2 species, Utah juniper (20.54%) and Salina wild rye (13.74%), with percent cover greater than 5%. *Only 2 species, 1 tree and 1 grass, exceeded 5%.* See summary of shrubs and grasses that exceeded 5% cover in Table 6.

Table 6. Grasses and Shrubs with % Cover > 5%

Site	Shrubs > 5% cover		Grasses > 5% cover	
Reference 1 grass	none		Salina wild rye (13.74%)	
Area 3 3 shrubs 1 grass	Big sagebrush Four-wing saltbush Douglas rabbitbrush *Green rabbitbrush*	(26.26%) (25.06%) (5.06%) *(3.06%)*	Giant wild rye	(16.80%)
Area 6 2 shrubs 2 grasses	Four-wing saltbush Big sagebrush *Winterfat* *Green rabbitbrush*	(18.60%) (11.46%) *(3.34%)* *(2.66%)*	Bluebunch wheatgrass Cheatgrass	(26.66%) (12.80%)
Area 7 2 shrubs 2 grasses	Big sagebrush Four-wing saltbush	(29.46%) (21.06%)	Cheatgrass Bluebunch wheatgrass	(16.94%) (5.46%)

Area 11/13/14 2 shrubs 2 grasses	Four-wing saltbush Big sagebrush *Green rabbitbrush*	(9.87%) (4.80%) *(3.46%)*	Bluebunch wheatgrass Cheatgrass	(27.06%) (18.94%)
Area 15/17 2 shrubs 2 grasses	Big sagebrush Four-wing saltbush	(16.40%) (15.60%)	Bluebunch wheatgrass Cheatgrass	(22.40%) (9.74%)
Area 16 2 shrubs 2 grasses	Four-wing saltbush Big sagebrush *Douglas rabbitbrush* *Shadscale*	(13.74%) (7.60%) *(3.20%)* *(2.94%)*	Blue bunch wheatgrass Cheatgrass	(28.40%) (13.20%)

Area 3 had a total of 18 species with 5 species, Big sagebrush (26.26%), Fourwing saltbush (25.06%), Bluebunch wheatgrass (20.14%), Giant wild rye (16.80%), and Green rabbitbrush (5.06%) with percent cover greater than 5%. *Five species, 3 shrubs and 2 grasses, exceeded 5%.*

Area 6 had a total of 23 species with 4 species, Bluebunch wheatgrass (26.66%), Fourwing saltbush (18.60%), Cheat grass (12.80%), and Big sagebrush (11.46%) with percent cover greater than 5%. *Four species, 2 shrubs and 2 grasses (one of the grasses was the undesirable Cheat grass), exceeded 5%.* Two additional shrub species Winterfat (3.34%) and Green rabbitbrush (2.66%) were also relatively abundant.

Area 7 had a total of 18 species with 4 species, Big sagebrush (29.46%), Fourwing saltbush (21.06%), Cheat grass (16.94%), and Bluebunch wheatgrass (5.46%) with percent cover greater than 5%. *Four species, 2 shrubs and 2 grasses (one of the grasses was the undesirable Cheat grass), exceeded 5%.*

Area 11/13/14 had a total of 21 species with 4 species, Bluebunch wheatgrass (27.06%), Fourwing saltbush (19.74%), Cheat grass (18.94%), and Big sagebrush (4.80%) with percent cover greater than 5%. *Four species, 2 shrubs and 2 grasses (one of the grasses was the undesirable Cheat grass), exceeded 5%.* In addition, Green rabbitbrush (3.46%) was also relatively abundant.

Area 15/17 had a total of 16 species with 4 species, Bluebunch wheatgrass (22.40%), Big sagebrush (16.40%), Fourwing saltbush (15.60%), and Cheatgrass (9.74%)with percent cover greater than 5%. *Four species, 2 shrubs and 2 grasses (one of the grasses was the undesirable Cheat grass) exceeded 5%.*

Area 16 had a total of 15 species with 4 species, Bluebunch wheatgrass (28.40%), Fourwing saltbush (13.74%), Cheatgrass (13.20%), and Big sagebrush (7.6%) with percent cover greater than 5%. *Four species, 2 shrubs, 2 grasses (one of the grasses was the undesirable Cheat grass) exceeded 5%.* In addition, Green rabbitbrush (3.20%) and Shadscale (2.94%) were relatively abundant.

Species diversity with respect to percent cover by species is recorded in Table 7 for each site.

Table 7. Species Diversity Tables

Reference Area (12 total species)		**Area 3 (18 total species)**	
	Species (% cover)		**Species (% cover)**
> 20 %	Juniperus osteosperma (20.54)	> 20%	*Artemisia tridentata (26.26)*
			Atriplex canescens (25.06)
			Agropyron spicatum (20.14)
10 - 20%	*Elymus salinus (13.74)*	10 - 20%	*Elymus giganteous (16.80)*
5 - 10 %		5 - 10 %	*Chrysothamnus nauseosus (5.06)*
1 - 5%	*Pinus edulis (3.46)*	1 - 5%	*Chrysothamnus viscidiflorus (3.06)*
	Gutierezzia sarothrae (1.60)		*Penstemon palmeri (2.14)*
< 1%	*Opuntia compressa (0.66)*	< 1%	*Cowania mexicana (0.80)*
	Bromus tectorum (0.40)		*Agropyron smithii (0.54)*
	Phlox sp. (0.40)		*Elymus cinereus (0.40)*
	Sphaeralcia coccinea (0.26)		*Meliotus officianalis (0.26)*
	Euphorbia fendleri (0.14)		*Maecharantha canescens (0.26)*
	Elymus cinereus (0.14)		*Agropyron cristatum (0.14)*
	Maecharantha canescens (0.14)		*Artemisia nova (0.14)*
	Plantago patagonica (0.14)		*Bromus tectorum (0.14)*
			Grindelia squarrosa (0.14)
			Gutierezzia sarothrae (0.14)
			Sysimbrium altissimum (0.14)

Table 7. Species Diversity Tables (cont.)			
Area 6 (23 total species)		**Area 7 (18 total species)**	
	Species (% cover)		**Species (% cover)**
> 20 %	*Agropyron spicatum (26.66)*	> 20%	*Artemisia tridentata (29.46)*
			Atriplex canescens (21.06)
10 - 20%	*Atriplex canescens (18.60)*	10 - 20%	*Bromus tectorum (16.94)*
	Bromus tectorum (12.80)		
	Artemisia tridentata (11.46)		
5 - 10 %		5 - 10 %	
1 - 5%	*Ceratoides lanata (3.34)*	1 - 5%	*Agropyron spicatum (5.46)*
	Chrysothamnus viscidiflorus (2.66)		*Atriplex confertifolia (2.14)*
	Elymus salinus (2.46)		*Chrysothamnus viscidiflorus (2.14)*
	Gutierrezia sarothrae (1.60)		*Sphaeralicia coccinea (1.60)*
	Artemisia nova (1.20)		*Oryzopsis hymenoides (1.56)*
	Atriplex confertifolia (1.20)		*Gutierrezia sarothrae (1.06)*
			Stipa comata (1.06)
< 1%	*Oryzopsis hymenoides (0.54)*	< 1%	*Penstemon palmeri (0.66)*
	Agropyron smithii (0.40)		*Chrysothamnus nauseosus (0.26)*
	Elymus gigantius (0.40)		*Sysimbrium altissimum (0.26)*
	Chrysothamnus nauseosus (0.26)		*Artemisia nova (0.14)*
	Grindelia squarrosa (0.26)		*Ceratoides lanata (0.14)*
	Hilaria jamesii (0.26)		*Cowania mexicana (0.14)*
	Maecharantha canescens (0.26)		*Elymus cinerius (0.14)*
	Penstemon palmeri (0.26)		*Sitanion hystrix (0.14)*
	Bromus inermis (0.14)		
	Elymus cinereus (0.14)		
	Sarcobatus vermiculatum (0.14)		
	Sitanion hystrix (0.14)		
	Sisymbrium altissima (0.14)		

Table 7. Species Diversity Tables (cont.)			
Area 11/13/14 (20 total species)		**Area 15/17 (16 total species)**	
	Species (% cover)		**Species (% cover)**
> 20 %	*Agropyron spicatum (27.06)*	> 20%	*Agropyron spicatum (22.40)*
10 - 20%	*Atriplex canescens (19.94)*	10 - 20%	*Artemisia tridentata (16.40)*
	Bromus tectorum (18.94)		*Atriplex canescens (15.60)*
5 - 10 %		5 - 10 %	*Bromus tectorum (9.74)*
1 - 5%	*Artemisia tridentata (4.80)*	1 - 5%	*Gutierrezia sarothrae (1.86)*
	Chrysothamnus viscidifloris (3.46)		*Sarcobatus vermiculatus (1.46)*
	Oryzopsis hymenoides (1.46)		
	Agropyron ciristatum (1.34)		
< 1%	*Elymus cinerius (0.80)*	< 1%	*Chrysothamnus nauseosus (0.94)*
	Medicago sativa (0.66)		*Elymus gigantius (0.54)*
	Ceratoides lanata (0.54)		*Oryzopsis hymenoides (0.40)*
	Maecharantha canescens (0.54)		*Artemisia nova (.26)*
	Chrysothamnus nauseosus (0.40)		*Atriplex confertifolia (0.26)*
	Gutierezzia sarothrae (0.40)		*Ceratoides lanata (0.26)*
	Penstemon palmeri (0.40)		*Elymus salinus (0.26)*
	Sarcobatus vermiculatus (0.40)		*Elymus cinereus (0.14)*
	Cowania mexicana (0.26)		*Hilaria jamesii (0.14)*
	Elymus gigantius (0.26)		*Maecharantha canescens (0.14)*
	Elymus salinus (0.26)		
	Grindelia squarrosa (0.14)		
	Phacelia crenulata (0.14)		
	Sphaeralcia coccinea (0.14)		

Table 6. Species Diversity Tables (cont.)	
Area 16 (15 total species)	
	Species (% cover)
> 20 %	*Agropyron spicatum (28.40)*
10 - 20%	*Atriplex canescens (13.74)*
	Bromus tectorum (13.20)
5 - 10 %	*Artemisia tridentata (7.60)*
1 - 5%	*Chrysothamnus nauseosus (3.20)*
	Atriplex confertifolia (2.94)
	Medicago satvia (1.86)
	Penstemon palmeri (1.06)
< 1%	*Elymus cinerius (0.66)*
	Ceratoides lanata (0.54)
	Oryzopsis hynmenoides (0.54)
	Agropyron cristatum (0.40)
	Chrysothamnus viscidifloris (0.40)
	Gutierezzia sarothrae (0.40)
	Maecharantha canescens (0.40)

Similarity

Comparisons of similarity made between the Reference area and revegetated sites indicates that there are only minor similarities between the revegetated sites and the Reference area (Table 8). Similarity coefficients ranged from 11.11 (area 7) to 26.92 (area 11/13/14). See similarity comparisons between the reference area and revegetated areas in Appendix 3. Similarity is strong when values approach 100. Given the revegetation treatments, it is not surprising that the areas are dissimilar with respect to species.

Table 8. Similarity Comparisons - Species Diversity				
Site	Number of Species in Reference Area	Number of Species in Revegetation Site	Number of Species Common to both	Similarity Coefficient
Area 3	12	17	3	11.54
Area 6	12	23	5	16.67
Area 7	12	18	3	11.11
Area 11/13/14	12	21	7	26.92
Area 15/17	12	16	5	21.73
Area 16	12	15	3	12.50

Areas were also different with respect to overall vegetation cover. In each instance, the revegetated areas were more densely vegetated than the reference area. The average percent cover for the Reference area was 43.20%. Percent vegetation cover for the revegetation sites ranged from 70.80% to 88.53% (Table 3).

Life Form Similarity Comparisons

Vegetation treatments have been judged to be successful when cover values of life forms (Shrubs, Forbs, Grasses) in treatment areas are greater or equal to 70% between recliamed areas and the undisturbed reference area. A Jaccard's similarity index for cover (SI=Cover(%) for Life Forms/Total Vegetation Cover (%)) was used to calculate comparative SI values for life forms in revegetated and reference areas (Table 9). Cover values are found in Table 3.

Table 9. Life Form Similarity Index Comparisons based on Cover*								
Life Form	Similarity Index Values by Site							
	Ref	70%	3	6	7	11/13/14	15/17	16
Shrubs	.04	.028	.59*	.47*	.67*	.36*	.52*	.37*
Forbs	.04	.028	.03*	.01	.03*	.02	.01	.05*
Grasses	.36	.252	.38*	.52*	.30*	.62*	.47*	.57*

* Sites that exceed the 70% standard

The comparison of life forms similarity indicates that revegetated areas meet or exceed the 70% standard for almost all life forms in each of the revegetated sites. The revegetated sites all exceeded the 70% standard for both shrubs and grasses. The exceptions were in the forb category. Forbs did not exceed the 70% standard in 3 of the 6 revegetated sites; specifically sites 6, 11/13/14, and 15/15. Given that these are the only 3 treatments of 18 total (17% of total treatments), it appears that the diversity of the sites with respect to life forms generally exceeds that of the reference area.

References

Anderson, B. Desert Plants of Utah. EC 376. Cooperative Extension Service, Utah State University, Logan, UT. 146 pp.

DOGM 1992. Vegetation Information Guidelines. Utah Division of Oil, Gas, and Mining. Salt Lake City, UT.

Parker, K. G., L. R. Mason, and J. F. Valentine. Utah Grasses. EC 384. Cooperative Extension Service, Utah State University, Logan, UT. 69 pp.

Welsch, S. L. and G. Moore. 1973. Utah Plants. Brigham Young University Press. Provo, UT. 474 pp.

Utah Climate Center. July 2005. Utah State University, Logan, Utah.

Appendix 1

Percent Cover Data

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 1** | **UTM: 553536/ 4368080** | **Heading: 91**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus													1																																						1	2	6.67
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6.67
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium allissimum																																																			0	0	0.00
Phlox															1																																				1	2	6.67
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6.67
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																														1															1					2	4	13.33
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	4	13.33
Trees																																																					
Juniper		1	1	1	1	1	1	1															1	1	1		1																								11	22	73.33
Pinon																																																			0	0	0.00
Total Tree Cover	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	22	73.33
Total Vegetation Cover	0	1	1	1	1	1	1	1	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	1	1	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	15	30	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter									1												1					1							1		1														1	6	12	
Rock										1						1	1														1	1		1																6	12	
Bare Ground	1										1	1		1				1	1	1		1						1	1							1	1	1	1	1	1	1	1	1		1	1	1	1		23	46	
Total Physical Features		1	0	0	0	0	0	0	0	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	0	0	1	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	35	70	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 2** | **UTM: 553543/ 4368169** | **Heading: 91**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																												1							1	2	4.76
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	4.76
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																									1										1	2	4.76
Plantago patagonica																																												1							1	2	4.76
Syssmbrium allissimum																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	2	4	9.52
Grasses																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																										1				1							1													3	6	14.29
Bromus tectorum																											1	1				1	1		1											1	1				10	20	47.62
Elymus salinus		1		1	1																																														0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	0	1	1	0	1	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	13	26	61.90
Trees																																																			5	10	23.81
Juniper																					1	1	1	1	1																										0	0	0.00
Pinon																																																			5	10	23.81
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	23.81
Total Vegetation Cover	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	1	1	0	1	0	1	0	0	0	1	0	0	1	1	1	1	0	0	0	21	42	100.00
Cryptobiotic			1				1	1			1																															1								5	10	
Physical Features																																																					
Litter													1	1	1	1				1														1														1			7	14	
Rock												1						1											1											1			1								5	10	
Bare Ground	1					1			1	1							1		1												1					1		1	1										1	1	12	24	
Total Physical Features	1	0	0	0	0	1	0	0	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	1	0	0	1	0	1	0	1	1	1	0	0	1	0	0	0	0	1	1	1	24	48	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 3** | **UTM: 55567/ 4368098** | **Heading: 341**

Plant Species	1	2	3	4	5	6	7	8	9		11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																				0	0	0.00
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																																				0	0	0.00
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysmbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																				0	0	0.00
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus	1																										1												1						1		1				5	10	25.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Silpa comata																																																				0	0	0.00
Total Grass Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	1	0	0	0	5	10	25.00
Trees																																																						
Juniper												1	1	1							1	1	1	1	1	1						1	1	1	1	1															14	28	70.00
Pinon									1																																											1	2	5.00
Total Tree Cover	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	30	75.00
Total Vegetation Cover	1	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	1	0	1	0	0	0	20	40	100.00
Cryptobiotic																																									1										1	2	
Physical Features																																																						
Litter																															1															1					2	4	
Rock		1	1	1	1			1		1																																									6	12	
Bare Ground						1	1				1				1	1	1	1	1	1								1	1	1							1	1		1		1	1	1				1	1	1	21	42	
Total Physical Features	0	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	0	1	0	1	1	1	0	1	0	1	1	1	29	58	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 4** | **UTM: 553593/ 4368141** | **Heading: 96**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae	1																																																		1	2	4.76
Total Shrubs Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4.76
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysmbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus			1																				1								1	1											1								5	10	23.81
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5	10	23.81
Trees																																																					
Juniper											1	1	1					1	1	1	1	1															1	1	1					1	1	1	1				15	30	71.43
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	0	0	0	15	30	71.43
Total Vegetation Cover	1	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	0	0	0	21	42	100.00
Cryptobiotic																																	1			1												1			3	6	
Physical Features																																																					
Litter										1																																									1	2	
Rock																								1			1			1																				1	1	5	10	
Bare Ground		1		1	1	1	1	1	1					1	1	1	1								1	1		1	1					1	1					1	1	1									20	40	
Total Physical Features	0	1	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	26	52	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: Ref** **Transect: 5** **UTM: 553543/ 4368129** **Heading:157**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Trees																																																					
Juniper															1	1	1	1	1	1	1	1	1	1							1	1		1	1	1	1	1	1	1			1	1				1	1		23	46	88.46
Pinon																																													1	1	1				3	6	11.54
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	26	52	100.00
Total Vegetation Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	26	52	100.00
Cryptobiotic		1																							1																										2	4	
Physical Features																																																					
Litter													1	1																												1									3	6	
Rock																										1			1												1										3	6	
Bare Ground	1		1	1	1	1	1	1	1	1	1	1															1	1		1			1																	1	16	32	
Total Physical Features	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	22	44	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 6** | **UTM: 553600/ 4368084** | **Heading: 350**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																						1		1	1	1	1	1			1	1						1	1												10	20	38.46
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	10	20	38.46
Trees																																																					
Juniper																																																			0	0	0.00
Pinon				1	1	1	1	1	1	1	1	1	1	1																															1	1	1	1	1	16	32	61.54
Total Tree Cover	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	16	32	61.54
Total Vegetation Cover	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	1	1	1	1	1	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	26	52	100.00
Cryptobiotic																							1																												1	2	
Physical Features																																																					
Litter																					1																					1	1		1						4	8	
Rock			1												1	1	1																	1																	5	10	
Bare Ground	1	1																1	1	1									1	1			1		1	1	1			1	1			1						14	28	
Total Physical Features	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	23	46	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 7** | **UTM: 0553609/ 4368109** | **Heading: 360**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus			1		1																										1																				3	6	12.50
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	12.50
Trees																																																					
Juniper																				1	1	1	1	1	1	1	1	1	1	1									1	1	1	1	1			1	1	1	1	1	21	42	87.50
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	21	42	87.50
Total Vegetation Cover	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	24	48	100.00
Cryptobiotic																			1																																1	2	
Physical Features																																																					
Litter																																					1	1							1						3	6	
Rock													1	1	1	1																	1	1			1														7	14	
Bare Ground	1	1		1		1	1	1	1	1	1	1					1	1																1	1									1						15	30	
Total Physical Features	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	25	50	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 8** | **UTM:** | **Heading: 77**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae		1			1																																														2	4	8.33
Total Shrubs Cover	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	8.33
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Opuntia compressa																					1	1											1																		3	6	12.50
Sysimbrium altissimum																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	12.50
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																							1				1															1							1	4	8	16.67
Elymus cinereus																																																		1	1	2	4.17
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	5	10	20.83
Trees																																																					
Juniper												1		1	1	1	1							1	1	1																								8	16	33.33
Pinon																																				1	1	1	1	1	1										6	12	25.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	14	28	58.33
Total Vegetation Cover	0	1	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	24	48	100.00
Cryptobiotic			1																											1	1																				3	6	
Physical Features																																																					
Litter													1																														1								2	4	
Rock																																		1	1																2	4	
Bare Ground	1			1		1	1	1	1	1	1							1	1	1								1	1			1												1	1	1	1	1			19	38	
Total Physical Features		1	0	0	1	0	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	1	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	23	46	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 9** | **UTM: 553590/ 4368157** | **Heading: 156**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																															1	1																			2	4	10.53
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	10.53
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Opuntia compressa				1																																																	
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5.26
Grasses																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum										1	1				1					1	1					1	1	1						1	1					1		1	1					1		14	28	73.68
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																					
Total Grass Cover	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	1	0	1	1	0	0	0	0	1	0	0	14	28	73.68
Trees																																																			2	4	10.53
Juniper							1	1																																											0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	10.53
Total Vegetation Cover	0	0	0	1	0	0	1	1	0	1	1	0	0	0	1	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	1	1	0	1	1	0	0	0	0	1	0	1	1	0	0	0	0	1	0	0	19	38	100.00
Cryptobiotic												1	1	1		1																												1	1						6	12	
Physical Features																																																					
Litter					1	1													1										1																	1	1				6	12	
Rock																																																	1	1	2	4	
Bare Ground	1	1	1						1								1	1				1	1	1	1					1			1			1	1	1	1		1									17	34	
Total Physical Features	1	1	1	0	1	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	0	0	0	1	1	0	0	1	0	0	1	1	1	1	0	1	0	0	0	0	1	1	0	1	1	25	50	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: Ref** **Transect: 10** **UTM: 553573/ 4368209** **Heading: 219**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae						1										1																																			2	4	18.18
Total Shrubs Cover	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	18.18
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus	1			1	1					1		1			1		1				1																														8	16	72.73
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	1	1	0	0	0	0	1	0	1	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	16	72.73
Trees																																																					
Juniper																											1																								1	2	9.09
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	9.09
Total Vegetation Cover	1	0	0	1	1	1	0	0	0	1	0	1	0	0	1	1	1	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	22	100.00
Cryptobiotic		1	1								1									1					1	1		1	1																						8	16	
Physical Features																																																					
Litter																			1											1																					2	4	
Rock							1						1																															1	1				1	5	10	
Bare Ground								1	1					1				1				1	1	1							1	1	1	1	1	1	1	1	1	1	1	1	1	1			1	1	1		24	48	
Total Physical Features	0	0	0	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	1	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	31	62	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 11** | **UTM: 553546/ 4368117** | **Heading: 282**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																					1	1													2	4	7.41
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7.41
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																				1							1								2	4	7.41
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																		1	1	2	4
Sysimbrium altissimum																																																			0	0	0
Euphorbia fendleri						1																																													1	2	4
Total Forb Cover	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	4	8	14.81
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus								1																									1	1	1											1	1				6	12	22.22
Elymus cinereus																																																			0	0	0.00
Elymus gigantaeous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	6	12	22.22
Trees																																																					
Juniper					1										1					1	1	1	1	1	1	1	1	1	1	1	1	1																			15	30	55.56
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	30	55.56
Total Vegetation Cover	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	1	1	0	0	1	27	54	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																1	1																																		2	4	
Rock				1					1	1	1	1	1	1																																					7	14	
Bare Ground	1	1	1				1											1	1																				1	1	1	1		1	1			1	1		14	28	
Total Physical Features	1	1	1	1	0	0	1	0	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	1	1	0	23	46	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: Ref** **Transect: 12** **UTM: 553556/ 4368178** **Heading: 255**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae									1		1																																								2	4	7.69
Total Shrubs Cover	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	7.69
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus	1	1	1	1				1																							1														1					7	14	26.92
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	7	14	26.92
Trees																																																					
Juniper																	1	1	1	1	1	1	1	1	1	1							1	1	1	1				1	1	1								17	34	65.38
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	17	34	65.38
Total Vegetation Cover	1	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	1	1	1	1	0	0	0	1	1	1	0	0	0	1	0	0	0	0	26	52	100.00
Cryptobiotic										1																																						1	1	1	4	8	
Physical Features																																																					
Litter																																																			0	0	
Rock												1																				1							1											3	6	
Bare Ground					1	1	1						1	1	1	1											1	1	1	1							1	1					1	1	1		1				17	34	
Total Physical Features	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	1	0	0	0	20	40	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 13** | **UTM: 553509/ 4368118** | **Heading: 351**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium allissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus				1	1	1	1	1	1	1	1																																		1	1	1	1		1	13	26	61.90
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	13	26	61.90
Trees																																																					
Juniper																						1	1	1	1	1	1	1	1																					8	16	38.10
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	16	38.10
Total Vegetation Cover	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	21	42	100.00
Cryptobiotic																																							1	1	1	1	1						1		5	10	
Physical Features																																																					
Litter																																																			0	0	
Rock																1	1																	1	1																4	8	
Bare Ground	1	1	1									1	1	1	1			1	1	1	1									1	1	1	1			1	1	1					1	1						20	40	
Total Physical Features	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	24	48	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: Ref** | **Transect: 14** | **UTM: 553505/ 4368164** | **Heading: 107**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Cerstoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrazia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus		1			1										1								1		1	1				1	1									1		1		1	1	1	1				14	28	50.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	0	0	0	14	28	50.00
Trees																																																					
Juniper							1	1	1	1						1	1	1	1	1	1	1																										1	1	1	14	28	50.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	14	28	50.00
Total Vegetation Cover	0	1	0	0	1	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1	28	56	100.00
Cryptobiotic											1	1																																							2	4	
Physical Features																																																					
Litter																											1	1	1																							3	6	
Rock			1										1											1															1												4	8	
Bare Ground	1			1		1								1																		1	1	1	1	1	1	1			1		1								13	26	
Total Physical Features	1	0	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	0	1	0	0	0	0	0	0	0	20	40	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: Ref** **Transect: 15** **UTM: 553550/ 4368180** **Heading: 210**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae								1																																											1	2	6.67
Total Shrubs Cover	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6.67
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																			0	0	0.00
Phlox									1																																										1	2	6.67
Opuntia compressa																																									1										1	2	6.67
Total Forb Cover	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	4	13.33
Grasses																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus	1	1	1									1	1							1									1	1							1										1	1	1	12	24	80.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	12	24	80.00
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	1	15	30	100.00
Cryptobiotic														1			1				1	1	1	1			1					1									1	1	1			1				12	24	
Physical Features																																																					
Litter															1	1										1							1	1																5	10	
Rock																		1	1																																2	4	
Bare Ground				1	1	1	1			1	1														1			1			1				1	1		1	1	1					1	1				16	32	
Total Physical Features	0	0	0	1	1	1	1	0	0	1	1	0	0	0	1	1	0	1	1	0	0	0	0	0	1	1	0	1	0	0	1	0	1	1	1	1	0	1	1	1	0	0	0	0	1	1	0	0	0	0	23	46	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: 7/3/04 | **Area: 3** | **Transect: 1** | **UTM: 555553/4368074** | **Heading: 236**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens									1	1	1	1						1	1	1				1	1	1		1							1	1	1	1	1					1						17	34	35.42
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata				1	1		1	1													1	1	1						1	1			1	1																11	22	22.92
Chrysothamnus nauseosus			1																																										1						2	4	4.17
Chrysothamnus viscidiflorus																																														1					1	2	2.08
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	31	62	64.58
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii	1																																																		1	2	2.08
Agropyron spicatum														1	1	1											1														1							1	1	7	14	14.58
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous						1							1																		1	1								1		1	1	1				1			9	18	18.75
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	17	34	35.42
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	48	96	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground		1															1																																		2	4	
Total Physical Features	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: 7/3/04 | **Area: 3** | **Transect: 2** | **UTM: 555531/4368045** | **Heading: 8**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens		1	1	1	1					1	1	1								1	1											1	1	1						1	1	1	1				1	1		18	36	38.73
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus													1	1	1																													1							4	8	8.16
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	0	22	44	44.90
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1						1	1										1	1					1	1	1		1	1										1								1			1	13	26	28.53
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous						1			1							1	1					1	1							1	1				1	1	1	1							1	1				14	28	28.57
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	1	27	54	55.10
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	49	98	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground																											1																									1	2	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: 7/3/04 | **Area: 3** | **Transect: 3** | **UTM: 555497/4368047** | **Heading: 201**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1			1	1			1				1	1	1	1						1	1	1														1	1	1							1	1				16	32	32.65
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata						1	1									1	1	1						1	1	1	1	1	1	1	1	1	1											1	1					17	34	34.69
Chrysothamnus nauseosus																																								1	1											2	4	4.08
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	0	0	0	35	70	71.43
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																										1										1	2	2.04
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium alissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	2	2.04
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum											1									1															1	1													1	1	6	12	12.24
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous		1	1						1	1																								1									1					1			7	14	14.29
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	13	26	26.53
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	49	98	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground																			1																																	1	2	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: 7/3/04 | **Area: 3** | **Transect: 4** | **UTM: 555480/4368008** | **Heading: 213**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																											1	1																				1	1		4	8	9.30
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																		1	1	2	2.33
Artemisia tridentata tridentata					1						1																											1	1	1	1				1	1	1				9	18	20.93
Chrysothamnus nauseosus									1	1														1	1	1																		1							6	12	13.95
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana								1															1																												2	4	4.65
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	22	44	51.16
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																		1																	1	2	2.33
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri	1			1								1																																							3	6	6.98
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	1	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	9.30
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1	1				1								1	1	1	1	1		1									1	1																			11	22	25.58
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous													1	1								1							1							1	1														6	12	13.95
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	17	34	39.53
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	43	86	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																	1																		1	2	
Rock																																																			0	0	
Bare Ground						1														1												1			1							1	1							6	12	
Total Physical Features	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	7	14	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 3** | **Transect: 5** | **UTM: 555480/4368008** | **Heading: 55**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens					1	1	1	1	1	1								1										1	1	1	1						1	1	1													14	28	35.00
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata			1								1	1				1	1		1	1					1	1	1								1	1								1	1	1	1	1		17	34	42.50
Chrysothamnus nauseosus	1	1																																							1	1									4	8	10.00
Chrysothamnus viscidiflorus																																											1	1							2	4	5.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	37	74	92.50
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																								1												1	2	2.50
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																						
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	2.50
Grasses																																																				0	0	0.00
Agropyron smithii																																																				1	2	2.50
Agropyron spicatum																					1																															1	2	2.50
Agropyron cristatum																																		1																		0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																						
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5.00
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	40	80	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																						1											1																		2	4	
Rock																																																				0	0	
Bare Ground				1									1	1	1								1	1								1																			1	8	16	
Total Physical Features	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	20	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: 7/3/04 | **Area: 3** | **Transect: 6** | **UTM:** | **Heading: 45**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																													1													1	1	1				1	1	1	7	14	15.22
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																		1	1	1	1						1	1					1	1	1	1				1	1									12	24	26.09
Chrysothamnus nauseosus																																						1	1												2	4	4.35
Chrysothamnus viscidiflorus				1	1	1		1																																											4	8	8.70
Cowania mexicana							1										1					1																														3	6	6.52
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	1	28	56	60.87
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			12	24	26.09
Agropyron spicatum	1	1							1	1					1	1								1	1	1				1							1										1				0	0	0.00
Agropyron cristatum																																																			1	2	2.17
Bromus tectorum			1																																																0	0	0.00
Elymus salinus																																																			1	2	2.17
Elymus cinereus																																1																			4	8	8.70
Elymus gigantecus											1	1											1																						1						0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																					
Total Grass Cover	1	1	1	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	1	0	0	0	18	36	39.13
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																					
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	46	92	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter													1	1																																					2	4	
Rock																																																			0	0	
Bare Ground																															1															1					2	4	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	4	8	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 3** | **Transect: 7** | **UTM: 55504904/ 4368049** | **Heading: 229**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens		1																																			1	1														3	6	7.32
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata			1	1	1				1	1	1	1	1	1	1	1	1	1	1	1									1	1	1																			1	19	38	46.34
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																			1	1					1	1	1								5	10	12.20
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1	27	54	65.85
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri								1																															1	1				1								4	8	9.76
Sphaeralcia coccinea																																																				0	0	0
Sysimbrium altissimum																																															1					1	2	4
Total Forb Cover	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	1	0	0	0	5	10	12.20
Grasses																																																				0	0	0.00
Agropyron smithii																																																				3	6	7.32
Agropyron spicatum	1																								1			1																								0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				6	12	14.63
Elymus giganteous						1																										1		1										1			1	1			0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	9	18	21.95
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	41	82	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																	1																			1	2	
Rock																																																				0	0	
Bare Ground							1														1	1	1	1		1	1																			1					8	16	
Total Physical Features	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	9	18	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 3** | **Transect: 8** | **UTM: 555447/ 4368020** | **Heading: 141**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1	1	1	1					1														1	1	1																1				1			10	20	21.74
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata														1	1	1	1	1	1	1	1												1	1	1	1	1					1	1							15	30	32.61
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus		1																														1						1	1													4	8	8.70
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover		1	0	1	1	1	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1	0	0	29	58	63.04
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																				0	0	0.00
Grindelia squarrosa	1																																																			1	2	2.17
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.17
Grasses																																																						
Agropyron smithii													1																																							1	2	2.17
Agropyron spicatum			1						1																				1	1	1															1	1					7	14	15.22
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous								1		1	1											1	1	1	1																				1						8	16	17.39
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	1	0	0	0	0	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	16	32	34.78
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	46	92	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground																																								1	1									1	1	4	8	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	4	8	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 3** | **Transect: 9** | **UTM: 555440/ 4367985** | **Heading: 289**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens									1	1	1	1	1	1		1												1	1	1																					10	20	22.22
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata	1														1		1	1	1	1	1					1	1												1	1	1	1	1			1				15	30	33.33
Chrysothamnus nauseosus																																												1	1		1	1			4	8	8.89
Chrysothamnus viscidiflorus																																																	1		1	2	2.22
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	30	60	66.67
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium alissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1	1	1	1																	1	1										1	1																8	16	17.78
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous						1	1	1																1	1						1	1																			7	14	15.56
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	30	33.33
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	45	90	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																						1													1	2	
Rock																																																			0	0	
Bare Ground																																			1	1	1													1	4	8	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	5	10	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 3** | **Transect: 10** | **UTM: 555436/ 4368015** | **Heading: 63**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens					1																1	1				1									1	1					1										7	14	15.22
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata						1	1							1	1								1	1	1								1	1																	10	20	21.74
Chrysothamnus nauseosus												1	1																																			1	1		4	8	8.70
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																														1						1	2	2.17
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	0	0	0	0	0	1	1	1	1	22	44	47.83
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																														1						1	2	2.17
Agropyron smithii																																																				12	24	26.09
Agropyron spicatum		1	1								1					1	1	1										1	1	1	1	1											1									0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																											1										1	1	1	1				1	1						11	22	23.91
Elymus giganteous				1				1	1	1																																										0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																						
Total Grass Cover	0	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	0	0	0	0	24	48	52.17
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	46	92	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground	1																			1	1																					1									4	8	
Total Physical Features	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	4	8	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 3** **Transect: 11** **UTM: 555477/ 4368032** **Heading: 81**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens				1	1	1	1																																												4	8	9.52
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata								1	1						1											1	1	1					1	1	1	1	1	1	1							1	1	1		16	32	38.10
Chrysothamnus nauseosus																								1	1																										2	4	4.76
Chrysothamnus viscidiflorus																																1								1										1	3	6	7.14
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	25	50	59.52
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri	1	1	1													1	1																													1				6	12	14.29
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	6	12	14.29
Grasses																																																						
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum													1	1						1	1																				1	1									6	12	14.29
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous										1	1	1						1	1																																5	10	11.90
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	11	22	26.19
Trees																																																						
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	42	84	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																						
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground																						1	1						1	1	1												1	1	1						8	16	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	8	16	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 3** | **Transect: 12** | **UTM: 555497/ 4368047** | **Heading: 360**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																		1	1	1								1	1							1															6	12	14.29
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata			1				1																							1	1			1	1											1					7	14	16.67
Chrysothamnus nauseosus																																1	1																			2	4	4.76
Chrysothamnus viscidiflorus													1	1																																						2	4	4.76
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	1	0	0	0	1	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	17	34	40.48
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																								1																							1				2	4	4.76
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																										1									1	2	2.38
Penstemon palmeri																							1																												1	2	2.38
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	4	8	9.52
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum		1		1		1																				1	1										1	1	1	1			1	1				1			12	24	28.57
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous								1	1	1	1	1									1				1																				1				1		9	18	21.43
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	1	0	1	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	0	0	1	1	0	21	42	50.00
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	42	84	100.00
Cryptobiotic															1							1																													2	4	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground	1				1											1	1																									1									1	6	12	
Total Physical Features	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	6	12	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 3** | **Transect: 13** | **UTM: 555513** | **Heading: 219**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																					1	1	1	1						1	1	1	1	1	1										1	1	1			13	26	28.55
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata						1	1	1	1																				1																				1	1	7	14	15.91
Chrysothamnus nauseosus																												1																								1	2	2.27
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	21	42	47.73
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Systimbrium allissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum										1	1		1	1				1	1	1						1	1											1	1	1	1	1									14	28	31.82
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous															1	1	1								1											1	1						1	1	1						9	18	20.45
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	23	46	52.27
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	44	88	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter	1																																																			1	2	
Rock																																																				0	0	
Bare Ground		1	1	1	1							1																																								5	10	
Total Physical Features	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 3** | **Transect: 14** | **UTM: 555473/ 4368012** | **Heading: 194**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens									1	1	1	1	1	1												1	1	1	1	1																					11	22	25.58
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata						1	1																								1					1	1	1									1	1	1		9	18	20.93
Chrysothamnus nauseosus	1																																																			1	2	2.33
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	0	0	0	0	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	21	42	48.84
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum		1	1																		1		1	1										1	1					1	1	1									10	20	23.26
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigantieous					1			1							1	1	1	1	1	1		1			1														1						1					12	24	27.91
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	1	1	0	1	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	0	0	0	1	0	0	0	0	22	44	51.16
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	43	86	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																			1	1	2	
Rock																																																				0	0	
Bare Ground				1																												1	1										1	1	1						6	12	
Total Physical Features	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	7	14	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 3** | **Transect: 15** | **UTM: 555431/ 4367986** | **Heading: 94**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens					1	1	1																																		1	1	1	1	1						8	16	20.00
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																							1	1	1	1						1	1	1	1	1			1	1											11	22	27.50
Chrysothamnus nauseosus																											1											1													2	4	5.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																	1																																			1	2	2.50
Total Shrubs Cover	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	22	44	55.00
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum											1	1						1				1						1																			1	1			7	14	17.50
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																			1																																	1	2	2.50
Elymus gigantieous								1	1	1				1	1	1																					1									1			1	1	10	20	25.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	1	1	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	18	36	45.00
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	40	80	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter	1	1																																																		2	4	
Rock																																																				0	0	
Bare Ground			1	1									1							1	1								1	1	1																					8	16	
Total Physical Features	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 6** **Transect: 1** **UTM: 55617/ 4368160** **Heading: 202**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1	1	1		1	1							1								1					1	1	1					1															11	22	26.19
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																			1								1									2	4	4.76
Artemisia tridentata tridentata																									1							1																				2	4	4.76
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																										1																										1	2	2.38
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	1	1	1	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	16	32	38.10
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum							1					1	1	1					1	1			1																		1			1		1	1				11	22	26.19
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum										1	1				1		1	1									1	1					1	1			1	1	1	1										1	14	28	33.33
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																													1							1	2	2.38
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	1	1	1	1	0	0	1	0	0	0	1	1	0	0	0	0	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	0	0	1	26	52	61.90
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	1	42	84	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																					1	1																														2	4	
Rock																																																				0	0	
Bare Ground	1	1	1																																							1						1	1		6	12	
Total Physical Features	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	0	8	16	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 6** **Transect: 2** **UTM: 555587/ 4368161** **Heading: 39**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																1	1	1						1	1	1				1	1					1	1	1	1							1				13	26	34.21
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata			1	1	1														1	1							1	1	1																			1	1		10	20	26.32
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus											1																																								1	2	2.63
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	24	48	63.16
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens	1																																																		1	2	2.63
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.63
Grasses																																																					
Agropyron smithii												1																																							1	2	2.63
Agropyron spicatum						1																											1							1					1					4	8	10.53
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum										1			1	1	1						1	1	1									1																			8	16	21.05
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	1	0	0	0	1	0	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	13	26	34.21
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	38	76	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter		1					1																											1	1						1				1					6	12	
Rock																																																			0	0	
Bare Ground								1	1																																	1	1	1						1	6	12	
Total Physical Features	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	12	24	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 6** **Transect: 3** **UTM: 555600/ 4368180** **Heading: 304**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens					1	1	1																																		1										4	8	9.76
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata								1								1	1						1																												4	8	9.76
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																		1	1	2	2.44
Total Shrubs Cover	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	9	18	21.95
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Syambrium alissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum													1	1										1	1	1																										5	10	12.20
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum		1	1	1					1	1	1	1						1																																	8	16	19.51
Elymus salinus																																1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1		16	32	39.02
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																														1	1																					2	4	4.88
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix	1																																																			1	2	2.44
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	32	64	78.05
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	41	82	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																					1																															1	2	
Rock															1																											1										2	4	
Bare Ground																			1	1		1					1	1	1																							6	12	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	9	18	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 6** | **Transect: 4** | **UTM: 555560/ 4368204** | **Heading: 200**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens			1						1	1	1														1																										5	10	12.20
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																												1					1																		2	4	4.88
Artemisia tridentata tridentata												1	1																					1					1			1									5	10	12.20
Chrysothamnus nauseosus																	1																																		1	2	2.44
Chrysothamnus viscidiflorus																																								1	1									1	3	6	7.32
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata				1																						1	1										1	1													5	10	12.20
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	1	1	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	21	42	51.22
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Syumbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1				1	1	1																																										1		5	10	12.20
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum		1						1						1	1	1							1	1					1	1	1	1										1								12	24	29.27
Elymus salinus																			1																															1	2	2.44
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																		1																																1	2	2.44
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0
Bromus inermis																																																1			1	2	4
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	0	0	1	1	1	1	0	0	0	0	0	1	1	1	0	1	1	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	20	40	48.78
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	41	82	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																				1	1	1																					1	1	1	1				7	14	
Bare Ground																																			1	1														2	4	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	9	18	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 6** | **Transect: 5** | **UTM: 555540/ 4368121** | **Heading: 59**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens								1	1									1								1	1													1						1	1				8	16	17.02
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata				1	1	1	1					1	1	1	1	1	1								1																						1	1	1	14	28	29.79
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	22	44	46.81
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																															1																				1	2	2.13
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.13
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																1	1						1						1					4	8	8.51
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum	1	1	1							1	1								1			1	1	1				1	1					1	1	1	1	1			1	1	1	1						20	40	42.55
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	24	48	51.06
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	47	94	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																					1																														1	2	
Rock																														1																					1	2	
Bare Ground	0	0	0	0																1																															1	2	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 6** | **Transect: 6** | **UTM: 555561/ 4368136** | **Heading: 276**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens														1																																						1	2	2.33
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata													1		1	1	1	1																																		5	10	11.63
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																														1																						1	2	2.33
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14	16.28
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																			1	1	2	2.33
Grindelia squarrosa																																																				1	1	2	2.33
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2.33
Grasses																																																						
Agropyron smithii																																						1														1	2	2.33
Agropyron spicatum	1	1	1	1		1	1	1				1								1		1	1	1	1		1	1	1	1		1	1	1	1	1	1			1	1	1		1					1		28	56	65.12
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																					1		1									1				3	6	6.98
Elymus salinus																																													1	1						2	4	4.65
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides					1																																															1	2	2.33
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	1	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0	35	70	81.40
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	43	86	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																										1																										1	2	
Rock																																																				0	0	
Bare Ground	0	0	0						1	1	1									1																								1				1				6	12	
Total Physical Features	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	7	14	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 6** | **Transect: 7** | **UTM: 555499/ 4368180** | **Heading: 172**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1	1							1	1				1										1	1	1	1							1								1	1			12	24	27.27
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova								1	1																																											2	4	4.55
Artemisia tridentata tridentata					1					1								1										1										1														5	10	11.36
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																					1								1							2	4	4.55
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata	1	1	1	1								1	1																																							6	12	13.64
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	27	54	61.36
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum											1					1	1			1	1	1	1				1							1	1	1				1			1	1	1				1		16	32	36.36
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																	1																			1	2	2.27
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	1	1	1	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	1	0	0	1	1	1	0	0	0	1	0	17	34	38.64
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	44	88	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																										1																										1	2	
Rock													1																												1											2	4	
Bare Ground																									1																	1								1	3	6	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	6	12	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area:6** | **Transect: 8** | **UTM: 555496/ 4368161** | **Heading: 271**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens			1	1											1							1																				1	1	1					1		8	16	20.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata											1	1	1	1									1	1										1	1															1	9	18	22.50
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus		1																																				1			1										3	6	7.50
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																													1						1	2	2.50
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	1	1	1	1	1	0	0	0	1	1	21	42	52.50
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1				1	1	1	1	1							1	1	1	1	1					1							1	1			1			1	1						1	1			19	38	47.50
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	1	0	0	1	1	0	0	0	0	0	0	1	1	0	0	19	38	47.50
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	40	80	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																										1					1																				2	4	
Rock																																																			0	0	
Bare Ground										1											1						1	1	1	1							1								1					8	16	
Total Physical Features	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	10	20	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 6** | **Transect: 9** | **UTM: 555456/ 4368153** | **Heading: 246**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens	1	1	1	1																											1	1	1	1	1	1										1	1	1	1	1	15	30	32.61
Atriplex confertifolia																1	1	1	1	1	1	1	1	1																											9	18	19.57
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata															1																																				1	2	2.17
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae					1																																														1	2	2.17
Total Shrubs Cover	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	26	52	56.52
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum							1	1	1	1	1		1	1											1	1	1	1									1	1	1	1	1	1	1								18	36	39.13
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																													1	1																					2	4	4.35
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	1	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	20	40	43.48
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	46	92	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground						1						1																																1	1							4	8	
Total Physical Features	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	4	8	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: **Area:** **Transect:** **UTM:** **Heading:**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1	1	1						1	1	1	1	1	1	1	1						1	1	1																								14	28	31.11
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																																				0	0	0.00
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																			1	1	1														3	6	6.67
Total Shrubs Cover	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	17	34	37.78
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum		1	1				1	1		1										1												1			1	1					1	1					1	1		1	14	28	31.11
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum	1										1										1	1	1	1				1	1	1	1						1	1	1	1										14	28	31.11
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	1	28	56	62.22
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	1	45	90	100.00
Cryptobiotic																																																		1		1	2	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground									1																								1	1									1								4	8	
Total Physical Features	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	4	8	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 6** | **Transect: 11** | **UTM: 555518/ 4368132** | **Heading: 177**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																											1	1				1	1	1	5	10	12.82
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova		1																																																	1	2	2.56
Artemisia tridentata tridentata																			1	1	1							1								1								1	1	1				8	16	20.51
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																		1	1																2	4	5.13
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae							1																										1				1					1									4	8	10.26
Total Shrubs Cover	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	20	40	51.28
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																					
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																			0	0	0.00
Agropyron smithii																																																			16	32	41.03
Agropyron spicatum	1		1	1	1	1			1	1			1	1	1			1				1	1									1						1			1										0	0	0.00
Agropyron cristatum																																																			1	2	2.56
Bromus tectorum												1																																							0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			2	4	5.13
Oryzopsis hymenoides											1																		1																						0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																					
Total Grass Cover	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	0	0	0	1	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	19	38	48.72
Trees																																																			0	0	0.00
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	39	78	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																										1																									1	2	
Rock																																																			0	0	
Bare Ground								1								1	1							1	1		1			1	1								1	1											10	20	
Total Physical Features	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	11	22	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 6** | **Transect: 12** | **UTM: 555463/ 4368117** | **Heading: 224**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens										1	1						1																														1				4	8	10.26
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																					1	1																													2	4	5.13
Artemisia tridentata tridentata				1					1			1	1			1							1	1											1	1	1		1						1	1	1		1			15	30	38.46
Chrysothamnus nauseosus																				1																															1	2	2.56
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																													1																						1	2	2.56
Total Shrubs Cover	0	0	0	1	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	0	0	0	0	1	1	1	1	1	0	0	23	46	58.97
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri	1																																					1													2	4	5.13
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5.13
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1	1			1	1	1						1	1													1						1					1		1	1						1	1	14	28	35.90
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	1	1	0	0	0	0	0	1	1	14	28	35.90
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	39	78	100.00
Cryptobiotic					1																																														1	2	
Physical Features																																																					
Litter																														1			1																		2	4	
Rock																																																			0	0	
Bare Ground																		1	1						1	1	1				1	1										1									8	16	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	10	20	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 6** **Transect: 13** **UTM: 555454/ 4368117** **Heading: 344**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens										1	1	1								1	1	1								1	1	1	1		1	1	1				1	1									15	30	35.71
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata									1																													1					1								3	6	7.14
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus				1	1	1	1						1																					1																	6	12	14.29
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	24	48	57.14
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum								1						1	1			1	1				1	1				1											1					1	1	1	1				13	26	30.95
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum	1	1																											1											1											4	8	9.52
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																1				1	2	2.38
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	0	0	0	0	0	1	0	0	0	0	0	1	1	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	18	36	42.86
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	42	84	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																											1																									1	2	
Rock																										1																										1	2	
Bare Ground			1													1	1								1																									1	1	6	12	
Total Physical Features	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	8	16	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 6** | **Transect: 14** | **UTM: 555412/ 4368125** | **Heading: 40**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens							1	1	1	1								1	1	1	1												1		1	1										1					12	24	26.67
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata											1	1										1										1		1																	5	10	11.11
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																													1							1	2	2.22
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	18	36	40.00
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum						1							1	1	1	1							1	1			1	1	1	1	1						1	1		1	1	1	1	1			1	1		1	22	44	48.89
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum	1	1	1	1	1																																															5	10	11.11
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	0	0	1	1	1	1	1	0	0	0	0	0	1	1	0	1	1	1	1	1	0	0	1	1	0	1	27	54	60.00
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	45	90	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground																	1								1	1													1									1		5	10	
Total Physical Features				0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	5	10	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 6** | **Transect: 15** | **UTM: 555511/ 4368144** | **Heading: 330**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens									1	1	1	1	1	1	1	1																				1	1	1	1	1											13	26	27.08
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata								1																																											1	2	2.08
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																														1	1	1				3	6	6.25
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																1	1	1	1						1		1	1	1				1	1	10	20	20.83
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae							1																																												1	2	2.08
Total Shrubs Cover	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	28	56	58.33
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens			1																																																1	2	2.08
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Syalmbrium altissimum																																																			0	0	0.00
Grindelia squarrosa	1																																																		1	2	2.08
Total Forb Cover	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4.17
Grasses																																																					
Agropyron smithii		1																																																	1	2	2.08
Agropyron spicatum				1	1												1	1	1	1		1	1	1		1	1																								11	22	22.92
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																					1							1	1	1	1																				5	10	10.42
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																									1																										1	2	2.08
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	36	37.50
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	48	96	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground						1																																				1								2	4	
Total Physical Features	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	4	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 7** **Transect: 1** **UTM: 555242/ 4368079** **Heading: 80**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata									1					1		1	1	1	1								1	1	1	1	1	1	1			1	1	1	1	1	1								1		20	40	55.56
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus			1																																							1	1	1	1					1	6	12	16.67
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae															1																																				1	2	2.78
Total Shrubs Cover	0	0	1	0	0	0	0	0	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	27	54	75.00
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri													1																																						1	2	2.78
Sphaeralcia coccinea																																		1																		1	2	2.78
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5.56
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1					1			1	1									1																																5	10	13.89
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides								1																																											1	2	2.78
Sitanion hystrix	1																																																		1	2	2.78
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	0	0	0	0	1	1	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	14	19.44
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	36	72	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																														1	1	1				3	6	
Rock				1																																															1	2	
Bare Ground					1	1						1									1	1	1	1	1	1									1															10	20	
Total Physical Features	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	14	28	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 7** **Transect: 2** **UTM: 555388/ 4368086** **Heading: 181**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens									1						1	1	1	1		1								1	1									1	1	1											11	22	27.50
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata				1	1	1	1												1								1							1	1	1	1				1	1	1	1	1			1	1	1	18	36	45.00
Chrysothamnus nauseosus																														1	1																				2	4	5.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae				1																	1	1																													3	6	7.50
Total Shrubs Cover	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	34	68	85.00
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri			1																																																1	2	2.50
Sphaeralcia coccinea																																																			0	0	0.00
Sysmbrium altissimum																																																					
Total Forb Cover	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.50
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																										1																									1	2	2.50
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum		1											1	1																																					3	6	7.50
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																1																			1	2	2.50
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	12.50
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	40	80	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter	1																																1												1	1					4	8	
Rock																																																			0	0	
Bare Ground										1	1	1											1	1	1																										6	12	
Total Physical Features	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	10	20	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 7** | **Transect: 3** | **UTM: 555371/ 4368080** | **Heading: 90**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetalove Cover
Shrubs																																																					
Atriplex canescens				1	1	1	1	1	1							1	1	1	1						1												1	1	1		1	1								16	32	35.56
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata	1	1	1									1	1	1	1					1	1	1	1							1	1	1	1	1	1							1	1	1	1			1	1	23	46	51.11
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	0	0	0	0	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	0	0	1	1	39	78	86.67
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																								1											1	2	2.22
Sysmbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	2.22
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																													1							1															2	4	4.44
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																								1																							1	1			3	6	6.67
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	5	10	11.11
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	45	90	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter										1	1																																								2	4	
Rock																																																			0	0	
Bare Ground																											1	1	1																							3	6	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 7** | **Transect: 4** | **UTM: 555417/ 4368064** | **Heading: 258**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens				1	1	1	1	1	1																							1	1	1					1	1	1	1	1	1	1	1			1	1	19	38	44.19
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata			1							1	1	1				1	1	1	1	1			1	1	1				1	1	1				1											1				17	34	39.53
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	1	1		36	72	83.72
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Syambrium alissimum		1																																																		1	2	2.33
Total Forb Cover	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.33
Grasses																																																				0	0	0.00
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum	1												1	1	1											1										1															6	12	13.95
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																						
Total Grass Cover	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	13.95
Trees																																																				0	0	0.00
Juniper																																																				0	0	0.00
Pinon																																																						
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1		43	86	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																					1						1										1														3	6	
Rock																																																				0	0	
Bare Ground																						1						1										1									1			4	8	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	7	14	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 7** | **Transect: 5** | **UTM: 555412/ 4368092** | **Heading: 209**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																1	1	1				1	1	1	1	1									8	16	20.51
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																											1								1	2	2.56
Artemisia tridentata tridentata								1	1	1	1	1	1	1	1			1	1	1	1	1				1	1																					1		16	32	41.03
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																												1																							1	2	2.56
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	0	26	52	66.67
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri	1																																															1		2	4	5.13
Sphaeralcia coccinea																															1																				1	2	2.56
Sysimbrium altissimum																																																					
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	6	7.69
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum		1	1	1	1	1	1																		1				1	1					1															10	20	25.64
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20	25.64
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	0	39	78	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																				1														1	2	4	
Rock																																																			0	0	
Bare Ground																1	1						1	1													1						1	1	1	1				9	18	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	1	11	22	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 7** | **Transect: 6** | **UTM: 555410/ 4368066** | **Heading: 59**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens													1	1	1																						1	1	1	1	1	1							1	1	11	22	28.19
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata	1	1	1	1	1	1				1	1	1				1	1	1	1				1	1	1	1	1	1					1	1	1	1							1	1	1	1				27	54	64.29
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	38	76	90.48
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																													1		1	1															1				4	8	9.52
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	4	8	9.52
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	42	84	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter								1	1											1										1																	1			5	10	
Rock																																																			0	0	
Bare Ground							1														1	1																													3	6	
Total Physical Features	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	8	16	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 7** **Transect: 7** **UTM: 555423/ 4368102** **Heading: 115**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens																										1	1	1	1						1	1	1	1	1	1	1	1	1	1							14	28	31.11
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata														1	1							1	1	1	1									1											1	1	1				10	20	22.22
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus	1	1											1																																						3	6	6.67
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	27	54	60.00
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum												1				1																																			2	4	4.44
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum			1	1	1					1										1	1									1		1	1														1	1	1	12	24	26.67
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides						1	1	1	1																																										4	8	8.89
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	18	36	40.00
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	45	90	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																			1												1																				2	4	
Rock																																																			0	0	
Bare Ground											1						1	1																																	3	6	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 7** | **Transect: 8** | **UTM: 555477/ 4368086** | **Heading: 240**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens						1	1									1	1	1								1	1																1	1	1	1	1	1	1		14	28	33.33
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata	1							1	1	1					1				1					1	1																	1									9	18	21.43
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	23	46	54.76
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum														1																											1										2	4	4.76
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum			1	1							1									1			1					1							1	1	1	1	1											1	12	24	28.57
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides		1																																																	1	2	2.38
Sitanion hystrix																																																			0	0	0.00
Stipa comata																													1			1	1	1																	4	8	9.52
Total Grass Cover	0	1	1	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	1	0	0	1	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	1	19	38	45.24
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	42	84	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter												1									1	1								1	1									1										6	12	
Rock																																																			0	0	
Bare Ground					1								1																																						2	4	
Total Physical Features	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8	16	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 7** **Transect: 9** **UTM: 555420/ 4368160** **Heading: 28**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1																	1	1								1																				1	1	1		7	14	15.91
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata		1	1	1	1	1									1	1	1			1	1							1		1																				12	24	27.27
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																							1	1	1									1	4	8	9.09
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																													1																						1	2	2.27
Total Shrubs Cover	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	24	48	54.55
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																								1																											1	2	2.27
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.27
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																							1		1	1					1		1																		5	10	11.36
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum							1				1	1	1	1								1																				1	1	1	1	1					11	22	25.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigantieous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																					1	1													2	4	4.55
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																		1																	1	2	2.27
Total Grass Cover	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	0	1	1	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	19	38	43.18
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	44	88	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter								1																								1			1	1															4	8	
Rock									1																																										1	2	
Bare Ground										1																																									1	2	
Total Physical Features	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	12	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: 7/3/2004 | **Area: 7** | **Transect: 10** | **UTM: 555467/4368124** | **Heading: 237**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1	1	1	1	1																	1	1							1			1	1															1	11	22	27.50
Atriplex confertifolia						1					1			1	1														1		1	1				1	1	1	1	1	1					1	1	1			16	32	40.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	1	1	1	1	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	27	54	67.50
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum							1					1	1			1		1	1																							1								7	14	17.50
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																				1	1						1	1							1																5	10	12.50
Elymus salinus																																																			0	0	0.00
Elymus cinereus																								1																											1	2	2.50
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	0	1	1	1	1	0	0	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	13	26	32.50
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	40	80	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																	1																																	1	2	4	
Rock																																																			0	0	
Bare Ground								1	1	1															1	1																1	1	1						8	16	
Total Physical Features	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	10	20	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 7** | **Transect: 11** | **UTM: 555428/ 4368096** | **Heading: 50**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens				1	1					1	1							1	1	1					1	1	1	1																						1	12	24	30.00
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata						1	1	1	1								1							1					1	1										1	1										10	20	25.00
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																	1			1	2	2.50
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	23	46	57.50
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1	1											1																																							3	6	7.50
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum												1				1					1	1													1	1	1	1	1			1	1	1			1	1			14	28	35.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	0	0	1	1	0	0	17	34	42.50
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	40	80	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter														1	1								1								1														1						5	10	
Rock																																																				0	0	
Bare Ground			1																													1	1	1												1					5	10	
Total Physical Features	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	10	20	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 7** | **Transect: 12** | **UTM: 555442/ 4368100** | **Heading: 159**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																										1	1	1	1	1	1	1	1															1	1		10	20	23.81
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata			1					1	1	1	1														1												1													1	8	16	19.05
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae		1																																																	1	2	2.38
Total Shrubs Cover	0	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	1	1	19	38	45.24
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri	1																																																		1	2	2.38
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.38
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum				1			1										1	1			1														1																6	12	14.29
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum												1	1	1	1	1						1	1	1										1		1		1	1					1	1	1	1				16	32	38.10
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	1	0	0	1	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	0	0	0	0	1	1	1	1	0	0	0	22	44	52.38
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	42	84	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																				1																				1			1							3	6	
Rock																																																			0	0	
Bare Ground					1	1													1																						1	1									5	10	
Total Physical Features	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	8	16	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 7** | **Transect: 13** | **UTM: 555455/ 4368105** | **Heading: 302**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																					1						1											1	1											4	8	8.70
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata									1	1	1	1	1							1						1									1	1	1														10	20	21.74
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																							1																	1											2	4	4.35
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																											1									1	2	2.17
Total Shrubs Cover	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	17	34	36.96
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea														1																																						1	2	2.17
Sysimbrium alissimum																																	1																				1	2	2.17
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4.35
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																						1										1		1												1					4	8	8.70
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum	1	1	1	1	1	1	1											1	1					1	1			1	1	1	1													1	1		1		1	1	20	40	43.48
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																									1	1						1			3	6	6.52
Total Grass Cover	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	1	1	0	0	1	1	1	1	1	0	1	0	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	27	54	58.70
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	46	92	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock															1																																					1	2	
Bare Ground								1								1	1																																			3	6	
Total Physical Features	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 7** **Transect: 14** **UTM: 555410/ 4368109** **Heading: 255**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetalove Cover
Shrubs																																																					
Atriplex canescens				1																		1	1	1																		1	1	1						.1	8	16	20.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata						1	1	1	1	1	1	1	1	1	1			1	1	1	1				1						1							1	1	1	1							1	21	42	52.50
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana					1																																														1	2	2.50
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																										1																									1	2	2.50
Total Shrubs Cover	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	31	62	77.50
Forbs & Succulents																																																					
Grindelia squarrosa																																																			0	0	0.00
Machaeranthera canescens																																																					
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea	1		1																													1																			0	0	0.00
Sysimbrium altissimum																																																			3	6	7.50
Total Forb Cover	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	7.50
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum		1														1	1																			1	1								1						6	12	15.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	6	12	15.00
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	40	80	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																														1			1																		2	4	
Rock																																																			0	0	
Bare Ground																											1	1	1					1	1											1	1	1			8	16	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	10	20	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 7** **Transect: 15** **UTM: 555422/ 4368110** **Heading: 136**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1	1	1																						1	1							1	1	1	1										9	18	20.45
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata									1	1	1						1	1	1	1	1						1	1	1			1	1	1								1	1	1	1				1	1	20	40	45.45
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	29	58	65.91
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																			1	1																2	4	4.55
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	4.55
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																1									1																											2	4	4.55
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum			1	1	1																	1	1	1													1									1	1				9	18	20.45
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides	1	1																																																		2	4	4.55
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	13	26	29.55
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	44	88	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																														1						1	2	
Rock																																																				0	0	
Bare Ground												1	1	1	1											1																										5	10	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0		6	12	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 11** **Transect: 1** **UTM: 554961/ 4367523** **Heading: 10**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																	1	1		1	1														4	8	8.16
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																														1																					1	2	2.04
Chrysothamnus nauseosus				1	1																																														2	4	4.08
Chrysothamnus viscidiflorus		1	1								1	1	1	1	1	1	1	1	1			1	1	1	1	1	1	1	1			1											1	1	1	1	1				25	50	51.02
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae	1																																																		1	2	2.04
Total Shrubs Cover	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	33	66	67.35
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																		1	1	2	2.04
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Syalmbrium altissimum																																																			0	0	0.00
Grindelia squarrosa						1																																													1	2	2.04
Total Forb Cover	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	4.08
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum							1	1	1	1										1	1														1				1		1						1	1		11	22	22.45
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																															1							1					1								3	6	6.12
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	1	0	1	1	0	0	0	0	0	1	1	0	14	28	28.57
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	49	98	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground																																								1											1	2	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 11** **Transect: 2** **UTM: 554952/ 4367588** **Heading: 215**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens					1	1			1				1		1						1	1	1	1	1	1									1							1									13	26	40.63
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata							1	1				1		1																		1	1	1							1									1	9	18	28.13
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																	1			1	2	3.13
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	23	46	71.88
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Syembrium allissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum											1																1				1																					3	6	9.38
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum				1						1																																										2	4	6.25
Elymus salinus																																											1	1							2	4	6.25
Elymus cinereus																																													1	1					2	4	6.25
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	9	18	28.13
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	1	1	32	64	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																	1			1	2	
Litter																												1																								1	2	
Rock																													1							1																2	4	
Bare Ground	1	1	1													1	1	1	1	1										1							1	1	1	1							1				14	28	
Total Physical Features	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	18	36	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 11** **Transect: 3** **UTM: 554933/ 4367549** **Heading: 99**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens		1	1																										1							1	1							1	1							7	14	17.50
Atriplex confertifolia																																																					0	0	0.00
Artemisia nova																																																					0	0	0.00
Artemisia tridentata tridentata																																																			1	1	2	2.50
Chrysothamnus nauseosus																																																					0	0	0.00
Chrysothamnus viscidiflorus																																																					0	0	0.00
Cowania mexicana																																																					0	0	0.00
Ceratoides lanata																																			1																		1	2	2.50
Ephedra viridis																																																					0	0	0.00
Sarcobatus vermiculatus																																																					0	0	0.00
Gutierrezia sarothrae																																																					0	0	0.00
Total Shrubs Cover	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	1	9	18	22.50
Forbs & Succulents																																																					0	0	0.00
Machaeranthera canescens																																																					0	0	0.00
Medicago sativa																																																					0	0	0.00
Melilotus officinalis																																																					0	0	0.00
Penstemon palmeri																																																					0	0	0.00
Sphaeralcia coccinea																																																					0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																					0	0	0.00
Agropyron spicatum	1			1	1	1	1	1	1	1	1	1						1	1	1	1	1	1	1	1			1			1	1	1					1	1	1	1						1	1		28	56	70.00
Agropyron cristatum																																																					0	0	0.00
Bromus tectorum																														1				1				1													3	6	7.50
Elymus salinus																																																					0	0	0.00
Elymus cinereus																																																					0	0	0.00
Elymus gigenteous																																																					0	0	0.00
Hilaria jamesii																																																					0	0	0.00
Oryzopsis hymenoides																																																					0	0	0.00
Sitanion hystrix																																																					0	0	0.00
Stipa comata																																																					0	0	0.00
Total Grass Cover	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	0	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	0	31	62	77.50
Trees																																																						
Juniper																																																					0	0	0.00
Pinon																																																					0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	40	80	100.00
Cryptobiotic																																																						
Physical Features																																																					0	0	
Litter																																																						
Rock															1	1	1																																				0	0	
Bare Ground													1	1												1	1																			1	1	1				3	6	
																																																				7	14	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	10	20	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 11** **Transect: 4** **UTM: 554935/ 4367540** **Heading: 265**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens			1	1	1						1	1	1	1	1													1																							9	18	27.27
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																																		1	1	2	3.03
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																											1																									1	2	3.03
Cowania mexicana																1																																				1	2	3.03
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	12	24	36.36
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens								1																																												1	2	3.03
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																										1														1											2	4	6.06
Sphaeralcia coccinea																																																				0	0	0.00
Syambrium alissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3	6	9.09
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1	1				1			1	1												1							1	1							1	1	1		1			1	1		1	1	1		17	34	51.52
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																													1							1	2	3.03
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	1	0	0	1	1	1	1	1	1	0	18	36	54.55
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	33	66	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																							1										1																		2	4	
Rock																																																				0	0	
Bare Ground							1										1	1	1	1	1			1	1						1	1		1	1	1						1	1							15	30	
Total Physical Features	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	17	34	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 11** | **Transect: 5** | **UTM: 554888/ 4367484** | **Heading: 124**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens								1	1	1	1	1													1	1				1	1											1	1									11	22	27.50
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																																1	1		2	4	5.00
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	13	26	32.50
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa		1																																									1								2	4	5.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																						1																														1	2	2.50
Sysimbrium altissimum																																																						
Total Forb Cover	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	3	6	7.50
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1						1						1						1	1	1		1	1				1	1				1	1	1	1	1							1			1				17	34	42.50
Agropyron cristatum																											1																									1	2	2.50
Bromus tectorum																																1						1	1	1						1					5	10	12.50
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jameseii																																																				0	0	0.00
Oryzopsis hymenoides																																													1							1	2	2.50
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	1	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	24	48	60.00
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	40	80	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground			1	1	1	1								1	1	1	1	1																																1	10	20	
Total Physical Features	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10	20	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 11** | **Transect: 6** | **UTM: 554871/ 4367437** | **Heading: 216**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens						1	1																1	1																											4	8	11.11
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																									1																										1	2	2.78
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Cerstoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Guilemazia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	13.89
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																1			1	2	2.78
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium allissimum																																																			0	0	0.00
Phacelia crenulata																																												1							1	2	2.78
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	2	4	5.56
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum	1		1	1	1			1	1	1	1	1	1	1	1	1	1			1	1	1				1	1					1	1	1	1							1	1		1	1			1		28	56	77.78
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																							1												1	2	2.78
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	0	1	1	0	0	0	0	1	1	1	1	0	0	0	1	0	0	1	1	0	1	1	0	0	1	0	29	58	80.56
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	1	0	0	1	1	1	1	1	0	1	1	0	36	72	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground		1																1	1									1	1	1	1					1	1	1		1	1						1			1	14	28	
Total Physical Features	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	0	1	1	0	0	0	0	0	1	0	0	1	14	28	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 11** | **Transect: 7** | **UTM: 554836/ 4367449** | **Heading: 230**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens												1	1								1	1	1	1							1	1	1									1									10	20	21.74
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																											1	1								2	4	4.35
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0 .	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																									1																											1	2	2.17
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	13	26	28.26
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																			1	1	2	2.17
Sphaeralcia coccinea																																																				0	0	0.00
Syssimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2.17
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1	1	1	1	1		1	1	1						1	1	1	1	1	1						1	1	1	1	1				1	1	1					1				1	1	1	1	1		28	56	60.87
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum						1				1				1																																						3	6	6.52
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides											1																																									1	2	2.17
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1	0	0	0	1	1	1	1	1	0	32	64	69.57
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	46	92	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground																																					1	1	1	1													4	8	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	4	8	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 11** | **Transect: 8** | **UTM: 554812/ 4367396** | **Heading: 70**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens													1	1													1	1	1			1	1				1	1						1	1						11	22	25.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																														1	1			1	1											1	1			1	7	14	15.91
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana	1																																																		1	2	2.27
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	1	1	0	0	0	0	0	1	1	1	1	0	0	1	19	38	43.18
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																				1															1	2	2.27
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2.27
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1	1			1	1												1	1	1																														7	14	15.91
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum								1	1	1	1	1			1	1	1	1				1	1	1	1	1													1	1			1							17	34	38.64
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	24	48	54.55
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	1	44	88	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock				1																																															1	2	
Bare Ground					1																																				1	1						1	1		5	10	
Total Physical Features	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	0	6	12	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 11** | **Transect: 9** | **UTM: 554551/ 4367249** | **Heading: 32**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens			1	1	1	1					1	1	1											1									1	1	1																11	22	23.91
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata														1	1	1							1																													4	8	8.70
Chrysothamnus nauseosus		1																																																		1	2	2.17
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	32	34.78
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium allissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																	1										1	1								1																4	8	8.70
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum	1						1	1	1	1										1	1	1			1	1			1	1	1	1						1	1	1	1	1	1	1	1	1	1		1	26	52	56.52
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	30	60	65.22
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	46	92	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																			1																														1		2	4	
Rock																																																				0	0	
Bare Ground																		1																			1															2	4	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0		4	8	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 11** **Transect: 10** **UTM: 554568/ 4367304** **Heading: 68**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens									1	1	1	1	1	1									1	1						1	1	1																			11	22	29.73
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata	1																																																		1	2	2.70
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	12	24	32.43
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium alissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1	1	1	1										1	1	1	1	1	1									1				1	1	1							1				1	1			17	34	45.95
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum						1	1	1																			1	1															1	1							7	14	18.92
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																													1						1	2	2.70
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	25	50	67.57
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	37	74	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																					1	1																		1	1									4	8	
Bare Ground																									1	1										1	1	1	1								1	1	1	9	18	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	13	26	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 11** | **Transect: 11** | **UTM: 554620/ 4367300** | **Heading: 10**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens					1	1	1	1																													1	1	1	1	1							1			10	20	21.74
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	0	0	10	20	21.74
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium allissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																							1	1	1	1					1	1	1	1								1	1	1	1				1		13	26	28.26
Agropyron cristatum													1		1																															1					3	6	6.52
Bromus tectorum	1	1	1	1							1	1				1					1	1						1	1						1	1											1			1	15	30	32.61
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigenteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides									1	1				1						1							1																								5	10	10.87
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	1	1	36	72	78.26
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	46	92	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																	1	1																																	2	4	
Bare Ground																			1											1																					2	4	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 11** | **Transect: 12** | **UTM: 554667/ 4367332** | **Heading: 180**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens																					1	1								1	1	1	1	1							1	1						1	1	1	12	24	28.57
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	12	24	28.57
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum			1	1	1					1	1	1				1	1																													1	1				10	20	23.81
Agropyron cristatum																							1						1						1	1	1			1											6	12	14.29
Bromus tectorum																		1	1	1				1	1													1					1	1							8	16	19.05
Elymus salinus																																																			0	0	0.00
Elymus cinereus																											1	1															1								3	6	7.14
Elymus gigenteous																										1																									1	2	2.38
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides						1							1																																						2	4	4.76
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	1	1	1	0	0	0	1	1	1	1	0	0	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	1	0	0	1	1	1	1	1	0	0	0	30	60	71.43
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	1	1	1	1	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	42	84	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter	1								1																																										2	4	
Rock								1																																												1	2	
Bare Ground		1					1							1	1																								1													5	10	
Total Physical Features	1	1	0	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	8	16	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 11** **Transect: 13** **UTM: 554658/ 4367237** **Heading: 217**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens	1	1	1	1				1							1	1	1	1	1										1	1											1										13	26	30.95
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																												1														1									2	4	4.76
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0.	0	0.00
Ceratoides lanata							1																																												1	2	2.38
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																															1						1														2	4	4.76
Gutierrezia sarothrae						1																																													1	2	2.38
Total Shrubs Cover	1	1	1	1	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	0	19	38	45.24
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum									1				1	1						1	1	1	1	1								1	1																		10	20	23.81
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum										1	1	1																						1	1	1				1			1	1				1	1	1	12	24	28.57
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides					1																																														1	2	2.38
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	0	0	1	1	0	0	0	1	1	1	23	46	54.76
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	42	84	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																											1																								1	2	
Rock																																																			0	0	
Bare Ground																									1	1												1	1						1	1	1				7	14	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	8	16	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 11** | **Transect: 14** | **UTM: 554730/ 4367301** | **Heading: 47**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens																			1	1	1	1											1	1						1											7	14	17.07
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata	1	1	1																																						1										4	8	9.76
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0.	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																										1										1	2	2.44
Total Shrubs Cover	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	12	24	29.27
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa				1						1	1																																								3	6	7.32
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium allissimum																																																						
Total Forb Cover	0	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	7.32
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum					1	1	1	1	1			1	1			1								1	1	1												1	1					1	1					15	30	36.59
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																	1						1					1	1	1	1	1											1			1			1	1	11	22	26.83
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	1	1	0	0	0	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	1	1	1	1	0	0	1	1	26	52	63.41
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	41	82	100.00
Cryptobiotic														1				1																																	2	4	
Physical Features																																																						
Litter																																																				0	0	
Rock																																																				0	0	
Bare Ground															1												1								1	1	1										1	1			7	14	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	7	14	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 11** | **Transect: 15** | **UTM: 554775/ 4367345** | **Heading: 06**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens	1	1												1	1					1															1																6	12	18.18
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata			1																1																																	2	4	6.06
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	1	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	16	24.24
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum				1	1	1				1	1	1	1					1					1	1					1	1	1	1				1	1	1	1	1	1				1	1			1	23	46	69.70
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																					1	1																														2	4	6.06
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus gigenteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	0	0	1	0	0	1	1	1	1	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	0	0	1	25	50	75.76
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	1	33	66	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter							1																					1																								2	4	
Rock																																																				0	0	
Bare Ground								1	1							1	1								1	1	1						1	1								1	1	1	1			1	1		15	30	
Total Physical Features	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	17	34	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 15** **Transect: 1** **UTM: 553707/ 4367067** **Heading: 140**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens	1	1	1				1	1				1			1	1	1						1	1	1			1	1																						14	28	36.84
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata													1	1						1	1	1								1																					6	12	15.79
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus									1	1																																										2	4	5.26
Gutierrezia sarothrae																															1	1												1	1	1	1			1	7	14	18.42
Total Shrubs Cover	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	29	58	76.32
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																										1																										1	2	2.63
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum				1	1	1					1								1								1						1										1								6	16	21.05
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	9	18	23.68
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	38	76	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																				0	0	
Rock																																										1										1	2	
Bare Ground																		1																1	1	1	1	1	1	1	1							1	1		11	22	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	0	12	24	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 15** | **Transect: 2** | **UTM: 553769/ 4367022** | **Heading: 52**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens											1						1																	1	1																1	5	10	15.15
Atriplex confertifolia												1																																								1	2	3.03
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata								1	1	1			1	1																			1														1				7	14	21.21
Chrysothamnus nauseosus																																																	1			1	2	3.03
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus															1																																					1	2	3.03
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	15	30	45.45
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Syambrium alissimum																																																				0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1	1	1	1																				1	1					1	1	1				1	1	1							1	1		1			15	30	45.45
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																1		1					1																													3	6	9.09
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	1	0	0	18	36	54.55
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	33	66	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter						1														1																																2	4	
Rock																																																				0	0	
Bare Ground					1		1												1		1	1				1	1	1	1										1	1	1	1	1	1							15	30	
Total Physical Features	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	17	34	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 15** | **Transect: 3** | **UTM: 553775/ 4366984** | **Heading: 27**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens		1	1				1	1	1							1	1						1	1	1	1	1								1	1	1	1	1											17	34	43.59
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata				1	1	1				1	1																																					1		6	12	15.38
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																						1																													1	2	2.56
Gutierrezia sarothrae																																								1											1	2	2.56
Total Shrubs Cover	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	0	0	25	50	64.10
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysmbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum	1											1		1	1					1	1							1	1			1	1	1							1								1	1	14	28	35.90
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	14	28	35.90
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	39	78	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter													1					1																																	2	4	
Rock																			1																																1	2	
Bare Ground																														1	1											1	1	1	1	1	1				8	16	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	11	22	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 15** **Transect: 4** **UTM: 553726/ 4366986** **Heading: 160**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens									1							1	1	1																																	4	8	11.76
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata		1						1				1	1	1	1				1	1															1	1														10	20	29.41
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus	1																																																		1	2	2.94
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	0	0	0	0	0	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	30	44.12
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysmbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																												1									1	1	1				1	1	1				1	1	9	18	26.47
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum							1			1	1										1	1				1	1				1																				8	16	23.53
Elymus salinus																													1	1																				2	4	5.88
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	0	1	1	19	38	55.88
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	0	0	0	1	1	34	68	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter			1																																																1	2	
Rock																																																			0	0	
Bare Ground				1	1	1																	1	1	1							1	1	1						1	1	1				1	1	1		15	30	
Total Physical Features	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	16	32	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 15** | **Transect: 5** | **UTM: 553703/ 4366967** | **Heading: 354**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																				1	1	1						1							4	8	13.33
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata										1	1												1	1	1	1	1	1	1	1									1	1			1							13	26	43.33
Chrysothamnus nauseosus									1																																										1	2	3.33
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	0	0	0	0	18	36	60.00
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum						1		1				1										1									1	1	1								1										8	16	26.67
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																														1	1	1				3	6	10.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus gigantseous																																													1						1	2	3.33
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	12	24	40.00
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	0	0	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	0	0	30	60	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter	1	1					1						1				1																																		5	10	
Rock																																																			0	0	
Bare Ground			1	1	1									1	1	1		1	1	1	1													1	1								1						1	1	15	30	
Total Physical Features	1	1	1	1	1	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	20	40	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 15** **Transect: 6** **UTM: 553694/ 4367024** **Heading: 111**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens					1	1	1	1	1	1	1	1	1				1	1									1	1																							13	26	30.95
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata			1	1										1	1	1									1	1											1	1	1	1	1	1	1				1	1			16	32	38.10
Chrysothamnus nauseosus																																																	1		1	2	2.38
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																		1	1	2	2.38
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																													1	1																					2	4	4.76
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	33	66	78.57
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																																																			0	0	0.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum	1	1																	1	1	1	1	1	1												1														9	18	21.43
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	18	21.43
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	42	84	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																	1																		1	2	
Bare Ground																															1	1		1	1									1	1	1				7	14	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	8	16	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

15 | 7 | 553799/4367072 | 114

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1	1	1	1		1	1							1						1																											8	16	21.62
Atriplex confertifolia													1																																							1	2	2.70
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata														1	1	1	1	1								1	1	1					1	1	1	1	1						1	1		1	1		1		18	36	48.65
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata										1																																										1	2	2.70
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae	1																																																			1	2	2.70
Total Shrubs Cover	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	0	1	1	0	1	0	29	58	78.38
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum				1	1															1			1	1														1				1									7	14	18.92
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																													1							1	2	2.70
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	1	0	0	0	0	0	8	16	21.62
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	1	0	37	74	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																																		1	1	2	
Rock		1																																																		1	2	
Bare Ground			1																		1	1							1	1	1	1							1	1	1							1			11	22	
Total Physical Features	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	1	13	26	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 15** **Transect: 8** **UTM: 553719/ 4366978** **Heading: 186**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																																			0	0	0.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																			1		1														2	4	6.06
Artemisia tridentata tridentata						1	1									1	1									1				1	1	1	1			1		1											11	22	33.33
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	13	26	39.39
Forbs & Succulents																																																					
Grindelia squarrosa																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum					1										1							1	1		1		1	1																							7	14	21.21
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																								1	1	1	1				1	1	1	1	8	16	24.24
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																		1																	1	2	3.03
Elymus giganteous								1																																											1	2	3.03
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																												1	1	1					3	6	9.09
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	1	0	1	1	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	20	40	60.61
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	33	66	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter		1																											1										1												3	6	
Rock																																																			0	0	
Bare Ground	1		1	1					1	1	1	1	1	1				1	1	1	1			1																											14	28	
Total Physical Features	1	1	1	1	0	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	17	34	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 15** | **Transect: 9** | **UTM: 553801/ 4367037** | **Heading: 92**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																		1						1						1			1	1			1	1	1	1	1	1		1			1	1		14	28	35.90
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																			1								1		1						3	6	7.69
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	17	34	43.59
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum						1			1	1	1	1		1	1	1	1		1		1	1			1	1	1	1	1		1																			18	36	46.15
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum													1																																	1				1	3	6	7.69
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii							1																																												1	2	2.56
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	0	1	0	1	1	0	0	1	1	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1		22	44	56.41
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	0	0	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	0	1	1	1	1	39	78	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter							1																																												1	2	
Rock																																																			0	0	
Bare Ground	1	1	1	1	1															1			1									1				1											1				10	20	
Total Physical Features	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	11	22	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 15** | **Transect: 10** | **UTM: 553836/ 4366988** | **Heading: 341**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens		1	1		1	1	1	1	1							1	1	1	1	1	1								1	1												1					1	1	1		19	38	52.78
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata				1						1	1	1															1	1									1	1	1	1	1										11	22	30.56
Chrysothamnus nauseosus																																																				0	0	0.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	1	1	1	0	30	60	83.33
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum																																																				0	0	0.00
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																						1	1													1							1			1				1	6	12	16.67
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	1	6	12	16.67
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	36	72	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter													1											1	1						1													1							5	10	
Rock																																																				0	0	
Bare Ground	1													1	1											1						1	1	1	1										1						9	18	
Total Physical Features	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	14	28	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 15** | **Transect: 11** | **UTM: 553917/ 4367074** | **Heading: 12**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																1	1																		2	4	6.25
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																	1									1					1								1											4	8	12.50
Chrysothamnus nauseosus																																																	1	1	2	3.13
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	7	14	21.88
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1	1	1	1							1	1	1	1	1				1				1	1	1				1	1							1				1	1	1	1			1	1			22	44	68.75
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																		1																1															1	3	6	9.38
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	0	0	0	1	1	1	0	0	0	1	1	0	0	0	1	0	0	1	0	0	0	1	1	1	1	0	0	1	1	1	0	25	50	78.13
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	0	0	0	1	1	1	1	0	0	1	1	1	1	1	1	0	0	1	0	0	1	1	1	1	1	0	0	1	1	1	1	32	64	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																											1	1							1	1															4	8	
Rock																																																			0	0	
Bare Ground					1	1	1	1	1	1						1				1	1	1																1	1					1	1					14	28	
Total Physical Features	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	0	0	1	1	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	0	1	1	0	0	0	0	18	36	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 15** | **Transect: 12** | **UTM: 553929/ 4367116** | **Heading: 82**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																						
Atriplex canescens																																															1	1			2	4	6.06
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																1	1																		1	1										1	1				6	12	18.18
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus											1																						1	1																3	6	9.09
Gutierrezia sarothrae																																																	1		1	2	3.03
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	12	24	36.36
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																		1																																	1	2	3.03
Medicago sativa																																																			0	0	0.00
Melliotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	3.03
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum			1	1	1	1	1	1	1	1				1	1					1	1	1	1							1	1	1												1					1	19	38	57.58
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																			1																																1	2	3.03
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	20	40	60.61
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	33	66	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter	1																																																		1	2	
Rock												1	1																																						2	4	
Bare Ground		1																						1	1	1	1	1	1								1	1	1	1	1	1	1							14	28	
Total Physical Features	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	17	34	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 15** | **Transect: 13** | **UTM: 553962/ 4367102** | **Heading: 288**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1	1												1						1															1					1							6	12	15.00
Atriplex confertifolia																																																					0	0	0.00
Artemisia nova																																																					0	0	0.00
Artemisia tridentata tridentata																																							1		1				1	1						4	8	10.00
Chrysothamnus nauseosus																																1						1														2	4	5.00
Chrysothamnus viscidiflorus																																																					0	0	0.00
Cowania mexicana																																																					0	0	0.00
Ceratoides lanata																																																					0	0	0.00
Ephedra viridis																																																					0	0	0.00
Sarcobatus vermiculatus																		1																																		1	2	2.50
Gutierrezia sarothrae																							1	1					1	1																						4	8	10.00
Total Shrubs Cover	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	1	0	0	0	1	1	0	1	0	0	0	0	0	1	1	1	1	0	0	1	1	1	0	0	0	0	17	34	42.50
Forbs & Succulents																																																					0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																					0	0	0.00
Medicago sativa																																																					0	0	0.00
Melilotus officinalis																																																					0	0	0.00
Penstemon palmeri																																																					0	0	0.00
Sphaeralcia coccinea																																																					0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																					0	0	0.00
Agropyron spicatum		1	1					1	1	1	1		1	1	1	1	1																1	1		1	1										1	1			17	34	42.50
Agropyron cristatum																																																					0	0	0.00
Bromus tectorum				1	1																																					1	1							1	1	6	12	15.00
Elymus salinus																																																					0	0	0.00
Elymus cinereus																																																					0	0	0.00
Elymus giganteous																																																					0	0	0.00
Hilaria jamesii																																																					0	0	0.00
Oryzopsis hymenoides																																																					0	0	0.00
Sitanion hystrix																																																					0	0	0.00
Stipa comata																																																					0	0	0.00
Total Grass Cover	0	1	1	1	1	0	0	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	23	46	57.50
Trees																																																						
Juniper																																																					0	0	0.00
Pinon																																																					0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	1	0	0	0	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	40	80	100.00
Cryptobiotic																																																					0	0	
Physical Features																																																						
Litter												1								1															1																	3	6	
Rock																					1																																1	2	
Bare Ground	1																					1				1	1	1			1																						6	12	
Total Physical Features	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	20	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 15** **Transect: 14** **UTM: 554005/ 4367117** **Heading: 183**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens									1	1						1																													1	1	1	1			7	14	20.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata															1									1																1											3	6	8.57
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	1	1	1	0	0	10	20	28.57
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Meliotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1	1		1	1	1	1					1	1			1	1				1	1		1	1	1						1	1	1	1	1	1	1					1				1		24	48	68.57
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																																			0	0	0.00
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous	1																																																		1	2	2.86
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	1	0	1	1	1	1	0	0	0	0	1	1	0	0	1	1	0	0	0	1	1	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	1	0	0	0	0	1	0	25	50	71.43
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	1	1	1	1	1	1	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	35	70	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																			1		1							1		1	1																				5	10	
Rock																																																			0	0	
Bare Ground				1							1	1								1									1			1									1	1	1							1	10	20	
Total Physical Features		0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	15	30	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 15** | **Transect: 15** | **UTM: 553966/ 4367085** | **Heading: 65**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1	1																																													2	4	6.67
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																1						1									1																				5	10	16.67
Chrysothamnus nauseosus																																1																				1	2	3.33
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	8	16	26.67
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1	1	1					1	1	1					1					1	1		1	1	1				1	1				1	1	1									1	1	1			1	21	42	70.00
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																																																				0	0	0.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																	1																			1	2	3.33
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	1	1	0	1	1	1	0	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	0	0	1	22	44	73.33
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	0	1	1	1	1	1	0	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	30	60	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																	1									1															1										3	6	
Rock																																																				0	0	
Bare Ground				1	1						1	1	1	1				1	1								1	1									1	1	1	1		1	1	1							17	34	
Total Physical Features	0	0	0	1	1	0	0	0	0	0	1	1	1	1	0	0	1	1	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	20	40	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 16** | **Transect: 1** | **UTM: 5554330/ 4366942** | **Heading: 180**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens									1										1	1																															1	4	8	10.00
Atriplex confertifolia												1																								1																2	4	5.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																																				0	0	0.00
Chrysothamnus nauseosus																													1						1									1	1						4	8	10.00
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																					1															1	2	2.50
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	1	11	22	27.50
Forbs & Succulents																																																				0	0	0.00
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																	1																																			1	2	2.50
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																						1																														1	2	2.50
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1	1	1	1	1	1	1			1	1			1		1					1			1	1					1	1						1	1							1	1	1	1		22	44	55.00
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																							1																		1	1									3	6	7.50
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																1		1																		2	4	5.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	1	1	1	1	1	1	0	0	1	1	0	0	1	0	1	0	0	0	0	1	0	1	1	1	0	0	0	0	1	1	1	0	1	0	0	0	1	1	0	1	1	0	0	0	1	1	1	1	0	27	54	67.50
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	1	1	1	1	0	1	0	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	1	1	0	1	1	1	1	1	1	1	40	80	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																																	1																			1	2	
Rock																																																				0	0	
Bare Ground								1					1		1			1								1	1	1												1			1								9	18	
Total Physical Features	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	10	20	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 16** | **Transect: 2** | **UTM: 554281/ 4366858** | **Heading: 244**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																	1	1	1																3	6	8.57
Atriplex confertifolia															1							1																										1			3	6	8.57
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata					1																									1																					2	4	5.71
Chrysothamnus nauseosus										1	1																									1	1														4	8	11.43
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae						1																																1													2	4	5.71
Total Shrubs Cover	0	0	0	0	1	1	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	1	0	0	14	28	40.00
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																							1												1	2	2.86
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Syembrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	2	2.86
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1	1	1									1					1						1				1				1	1							1			1	1	1				1	1	15	30	42.86
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum							1									1		1			1								1																						5	10	14.29
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	1	0	0	0	1	0	0	0	0	1	0	0	0	1	1	1	0	0	1	0	1	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	1	1	20	40	57.14
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	1	1	1	0	0	1	1	1	0	0	1	1	1	1	0	0	1	1	1	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	0	0	1	1	1	35	70	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																				1																															1	2	
Rock																																										1				1					2	4	
Bare Ground				1				1	1				1	1					1					1	1	1		1													1						1				12	24	
Total Physical Features	0	0	0	1	0	0	0	1	1	0	0	0	1	1	0	0	0	0	1	1	0	0	0	1	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	15	30	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 16** **Transect: 3** **UTM: 554209/ 4366886** **Heading: 10**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1					1		1	1	1	1	1	1																1																						9	18	21.95
Atriplex confertifolia																				1																																1	2	2.44
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata				1	1																																							1	1	1	1	1			7	14	17.07
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	1	1	1	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	17	34	41.46
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																									1										1	2	2.44
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysmbrium altissimum																																																			0	0	0.00
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	2	2.44
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum																			1				1		1	1					1	1		1					1	1			1								10	20	24.39
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum														1	1						1	1					1	1		1					1	1	1	1											1	1	13	26	31.71
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	0	1	1	1	0	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	1	1	23	46	56.10
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	1	1	1	0	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	41	82	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																	1																		1	2	
Rock																																																			0	0	
Bare Ground		1	1				1									1	1	1						1																		1									8	16	
Total Physical Features	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	9	18	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 16** | **Transect: 4** | **UTM: 554260/ 4366968** | **Heading: 307**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens	1	1																																1														1			4	8	10.81
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata									1							1	1		1	1	1				1	1										1			1	1										11	22	29.73
Chrysothamnus nauseosus																																	1																		1	2	2.70
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	0	1	0	0	1	1	0	0	0	0	0	0	0	1	0	0	16	32	43.24
Forbs & Succulents																																																			0	0	0.00
Machaeranthera canescens																																			1																1	2	2.70
Medicago sativa																		1																																	1	2	2.70
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	4	5.41
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum			1				1				1				1																						1				1		1	1							8	16	21.62
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum								1		1														1			1				1	1														1	1	1		1	1	11	22	29.73
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	0	0	0	1	1	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	1	0	0	0	0	1	0	0	0	1	0	1	1	1	1	1	0	1	1	19	38	51.35
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	1	1	0	1	1	1	1	1	1	1	1	37	74	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter													1																																						1	2	
Rock																																																			0	0	
Bare Ground				1	1	1						1		1								1	1					1	1	1								1				1									12	24	
Total Physical Features	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	13	26	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 16** | **Transect: 5** | **UTM: 554185/ 4366959** | **Heading: 59**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens								1	1																		1								1	1	1													1	7	14	19.44
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata	1									1															1	1														1	1	1	1	1						9	18	25.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	1	1	1	1	1	0	0	0	0	0	1	16	32	44.44
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum													1		1	1	1			1	1			1						1				1				1									1	1		12	24	33.33
Agropyron cristatum																																1																		1	2	2.78
Bromus tectorum											1	1						1	1												1		1						1											7	14	19.44
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	0	0	0	0	0	1	1	1	0	1	1	1	1	1	1	1	0	0	1	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	0	0	1	1	0	20	40	55.56
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	0	0	0	0	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	36	72	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter					1	1																																													2	4	
Rock		1	1	1			1							1								1	1					1	1																1	1	1				12	24	
Bare Ground																																																			0	0	
Total Physical Features	0	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	14	28	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 16** **Transect: 6** **UTM: 554240/ 4366942** **Heading: 136**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens	1	1						1	1																											1	1										1	1	1		9	18	24.32
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata										1																									1																2	4	5.41
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	11	22	29.73
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
accristatuer																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum														1																1	1	1							1	1	1			1	1	1				1	11	22	29.73
Agropyron cristatum																									1																										1	2	2.70
Bromus tectorum			1	1							1	1	1								1	1	1	1		1	1						1	1				1												14	28	37.84
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	1	1	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	0	1	1	1	0	0	0	1	26	52	70.27
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	37	74	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter					1	1	1								1	1		1	1	1																						1								9	18	
Rock																	1											1	1															1							4	8	
Bare Ground																																																			0	0	
Total Physical Features	0	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	13	26	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 16** **Transect: 7** **UTM: 554315/ 4366926** **Heading: 157**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																											1	1													1	1									4	8	9.52
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																						1													1	2	2.38
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata	1																																																		1	2	2.38
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	6	12	14.29
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa squrristatuer																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1	1	1								1	1	1	1				1	1	1	1	1	1	1	1			1	1		1	1	1	1	1	1		1	1			1	1	1	1		1	1	1	32	64	76.19
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum						1	1	1																																											3	6	7.14
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides											1																																								1	2	2.38
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1	1	1	0	1	1	0	0	1	1	1	1	0	1	1	1	36	72	85.71
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	1	1	1	0	0	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	42	84	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground					1				1	1						1	1	1													1																1				8	16	
Total Physical Features	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	8	16	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 16** | **Transect: 8** | **UTM: 554278/ 4366873** | **Heading: 355**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																															1	1	1																		3	6	10.71
Atriplex confertifolia																																									1			1							2	4	7.14
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus	1																1	1	1	1				1	1	1													1	1											10	20	35.71
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	15	30	53.57
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum				1	1																															1	1												1		5	10	17.86
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum		1	1						1			1																										1													5	10	17.86
Elymus salinus																																																			0	0	0.00
Elymus cinereus								1					1	1																																					3	6	10.71
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	1	1	0	0	1	1	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	1	0		13	26	46.43
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	0	0	1	1	0	0	1	1	1	0	0	1	1	1	1	0	0	0	1	1	1	0	0	0	0	1	1	1	0	0	1	1	1	1	1	1	0	0	1	0	0	0	0	1	0	28	56	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																													1	1															1						3	6	
Rock																																																			0	0	
Bare Ground						1	1			1	1				1	1					1	1	1				1	1						1	1							1	1			1	1	1		1	19	38	
Total Physical Features	0	0	0	0	0	1	1	0	0	1	1	0	0	0	1	1	0	0	0	0	1	1	1	0	0	0	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	0	1	1	1	1	0	1	22	44	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 17** | **Transect: 9** | **UTM: 554279/ 4366901** | **Heading: 325**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens																																												1	1						2	4	5.26
Atriplex confertifolia					1						1	1							1														1											1						1	7	14	18.42
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																																																			0	0	0.00
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus	1																	1														1																			3	6	7.89
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae										1																																									1	2	2.63
Total Shrubs Cover	1	0	0	0	1	0	0	0	0	1	1	1	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	13	26	34.21
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																	1		1	2	2.63
Medicago sativa																										1																									1	2	2.63
Meliotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Purple daisy																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	4	5.26
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum						1								1		1				1	1	1					1	1	1	1	1				1	1	1	1		1	1							1			18	36	47.37
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum													1				1																	1								1				1					5	10	13.16
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	1	1	0	0	1	1	1	0	0	0	0	1	1	1	1	1	0	0	1	1	1	1	1	0	1	1	1	0	0	0	1	0	1	0	0	23	46	60.53
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	0	0	0	1	1	0	0	0	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	38	76	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter			1	1											1																																1			4	8	
Rock																																																			0	0	
Bare Ground		1					1	1	1														1	1	1														1												8	16	
Total Physical Features	0	1	1	1	0	0	1	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	12	24	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 16** | **Transect:10** | **UTM: 554281/ 4366938** | **Heading: 113**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens			1	1	1	1	1	1	1																	1																									8	16	19.05
Atriplex confertifolia																1						1					1	1																								4	8	9.52
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																																																				0	0	0.00
Chrysothamnus nauseosus																															1												1								2	4	4.76
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	14	28	33.33
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa										1													1	1	1																											4	8	9.52
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Purple daisy																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	9.52
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum		1									1	1	1	1	1						1													1	1				1	1				1	1	1			1	1	16	32	38.10
Agropyron cristatum																																																				0	0	0.00
Bromus tectorum																			1	1									1	1		1	1								1	1									8	16	19.05
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	0	0	0	0	0	0	0	1	1	0	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	0	0	1	1	24	48	57.14
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	1	1	0	0	1	1	42	84	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																	1																																			1	2	
Rock																																																				0	0	
Bare Ground	1																	1																		1	1	1								1	1			7	14	
Total Physical Features	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	1	1	0	0	8	16	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																						

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 16** **Transect: 11** **UTM: 554214/ 4366926** **Heading: 267**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens																																1	1	1																	3	6	10.00
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata																													1													1					1	1		4	8	13.33
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	1	0	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	7	14	23.33
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens								1																																											1	2	3.33
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri	1								1	1																				1																					4	8	13.33
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	10	16.67
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum		1	1	1							1	1																1									1								1					8	16	26.67
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																			1	1	1	1	1				1								1	1					1				1					10	20	33.33
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	0	0	0	0	0	0	1	1	1	0	0	0	1	0	0	0	1	1	0	0	0	0	18	36	60.00
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	1	1	1	1	1	0	0	0	1	1	1	1	0	1	1	1	1	1	1	0	0	0	1	1	0	0	1	1	1	1	0	0	30	60	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																	1							1	1	1					1																				5	10	
Rock																																																			0	0	
Bare Ground					1	1	1						1	1	1	1		1																				1	1	1				1	1				1	1	15	30	
Total Physical Features	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	1	1	0	0	0	0	1	1	20	40	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 16** | **Transect: 12** | **UTM: 554211/ 4366966** | **Heading: 360**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens						1		1				1	1			1	1	1									1	1						1	1	1	1	1												14	28	42.42
Atriplex confertifolia																																																			0	0	0.00
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata							1							1												1																		1	1				1		6	12	18.18
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	1	1	1	0	0	0	1	1	1	0	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	1	0	0	0	0	0	1	1	0	0	0	1	0	20	40	60.61
Forbs & Succulents																																																			0	0	0.00
Grindelia squarrosa																																																					
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																			1																				1												2	4	6.06
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	4	6.06
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1	1							1		1														1				1																						6	12	18.18
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																						1																		1					1	1	1			5	10	15.15
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	1	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	0	0	11	22	33.33
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	0	0	0	1	1	1	1	0	1	1	1	1	0	1	1	1	1	0	0	1	0	0	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	1	1	0	33	66	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																																			0	0	
Bare Ground			1	1	1					1					1					1	1		1	1						1	1	1	1								1	1	1						1	17	34	
Total Physical Features	0	0	1	1	1	0	0	0	0	1	0	0	0	0	1	0	0	0	0	1	1	0	1	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	17	34	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 16** **Transect: 13** **UTM: 554261/ 4366994** **Heading: 86**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetatove Cover
Shrubs																																																					
Atriplex canescens														1	1	1								1																1	1										6	12	15.79
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata																							1																			1							1	3	6	7.89
Chrysothamnus nauseosus							1																																												1	2	2.63
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																																			0	0	0.00
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	1	0	10	20	26.32
Forbs & Succulents																																																					
Grindelia squarrosa																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa																																																			0	0	0.00
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri	1				1	1																																													3	6	7.89
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																					
Total Forb Cover	1	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	7.89
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum										1	1	1	1				1	1			1					1	1					1	1	1	1	1	1	1							1	1		1	19	38	50.00
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																						1			1														1											3	6	7.89
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides		1	1	1																																															3	6	7.89
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	0	1	1	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	1	1	0	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1	1	0	1	25	50	65.79
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	38	76	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																										1	1								2	4	
Rock																															1																				1	2	
Bare Ground								1	1										1	1								1	1	1															1	1				9	18	
Total Physical Features				0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	12	24	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Horse Canyon Revegatation Project Tally Sheet

Date: | **Area: 16** | **Transect: 14** | **UTM: 554290/ 4366964** | **Heading: 199**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens		1	1				1	1			1	1	1					1	1				1	1	1	1																									13	26	32.50
Atriplex confertifolia																																																				0	0	0.00
Artemisia nova																																																				0	0	0.00
Artemisia tridentata tridentata														1													1								1	1						1	1	1	1	1	1	1				10	20	25.00
Chrysothamnus nauseosus																												1																								1	2	2.50
Chrysothamnus viscidiflorus																																																				0	0	0.00
Cowania mexicana																																																				0	0	0.00
Ceratoides lanata																																																				0	0	0.00
Ephedra viridis																																																				0	0	0.00
Sarcobatus vermiculatus																																																				0	0	0.00
Gutierrezia sarothrae																																																				0	0	0.00
Total Shrubs Cover	0	1	1	0	0	0	1	1	0	0	1	1	1	1	0	0	0	1	1	0	0	0	1	1	1	1	1	1	0	0	0	0	0	0	1	1	0	0	0	0	0	1	1	1	1	1	1	0	0	0	24	48	60.00
Forbs & Succulents																																																				0	0	0.00
Grindelia squarrosa																																																						
Machaeranthera canescens																																																				0	0	0.00
Medicago sativa																																																				0	0	0.00
Melilotus officinalis																																																				0	0	0.00
Penstemon palmeri																																																				0	0	0.00
Sphaeralcia coccinea																																																				0	0	0.00
Sysimbrium altissimum																																																						
Total Forb Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Grasses																																																						
Agropyron smithii																																																				0	0	0.00
Agropyron spicatum	1			1		1				1						1	1												1				1								1							1	1		11	22	27.50
Agropyron cristatum					1																																															1	2	2.50
Bromus tectorum									1						1					1														1																		4	8	10.00
Elymus salinus																																																				0	0	0.00
Elymus cinereus																																																				0	0	0.00
Elymus giganteous																																																				0	0	0.00
Hilaria jamesii																																																				0	0	0.00
Oryzopsis hymenoides																																																				0	0	0.00
Sitanion hystrix																																																				0	0	0.00
Stipa comata																																																				0	0	0.00
Total Grass Cover	1	0	0	1	1	1	0	0	1	1	0	0	0	0	1	1	1	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	1	1	0	16	32	40.00
Trees																																																						
Juniper																																																				0	0	0.00
Pinon																																																				0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	1	1	1	1	1	1	0	0	0	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	0	40	80	100.00
Cryptobiotic																																																				0	0	
Physical Features																																																						
Litter																					1																			1										2	4	
Rock																																																				0	0	
Bare Ground																						1								1	1	1					1	1	1											1	8	16	
Total Physical Features	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	1	10	20	
																																																				50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			

Comments:

Horse Canyon Revegatation Project Tally Sheet

Date: **Area: 16** **Transect: 15** **UTM: 554301/ 4366977** **Heading: 215**

Plant Species	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	Total	Percent Cover	Relative Vegetative Cover
Shrubs																																																					
Atriplex canescens									1	1	1								1	1	1						1	1	1	1											1				1	1		1			14	28	35.90
Atriplex confertifolia																																										1	1	1							3	6	7.69
Artemisia nova																																																			0	0	0.00
Artemisia tridentata tridentata		1					1	1																																											3	6	7.69
Chrysothamnus nauseosus																																																			0	0	0.00
Chrysothamnus viscidiflorus																																																			0	0	0.00
Cowania mexicana																																																			0	0	0.00
Ceratoides lanata																																	1																		1	2	2.56
Ephedra viridis																																																			0	0	0.00
Sarcobatus vermiculatus																																																			0	0	0.00
Gutierrezia sarothrae																																																			0	0	0.00
Total Shrubs Cover	0	1	0	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	1	1	1	1	1	1	0	1	0	0	21	42	53.85
Forbs & Succulents																																																					
Grindelia squarrosa																																																			0	0	0.00
Machaeranthera canescens																																																			0	0	0.00
Medicago sativa			1												1																			1																3	6	7.69
Melilotus officinalis																																																			0	0	0.00
Penstemon palmeri																																																			0	0	0.00
Sphaeralcia coccinea																																																			0	0	0.00
Sysimbrium altissimum																																																			0	0	0.00
Total Forb Cover	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	6	7.69
Grasses																																																					
Agropyron smithii																																																			0	0	0.00
Agropyron spicatum	1											1	1				1	1				1	1		1	1					1				1				1										12	24	30.77
Agropyron cristatum																																																			0	0	0.00
Bromus tectorum																																														1		1	1	3	6	7.69
Elymus salinus																																																			0	0	0.00
Elymus cinereus																																																			0	0	0.00
Elymus giganteous																																																			0	0	0.00
Hilaria jamesii																																																			0	0	0.00
Oryzopsis hymenoides																																																			0	0	0.00
Sitanion hystrix																																																			0	0	0.00
Stipa comata																																																			0	0	0.00
Total Grass Cover	1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	1	1	0	0	0	1	1	0	1	1	0	0	0	0	1	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	0	1	1	15	30	38.46
Trees																																																					
Juniper																																																			0	0	0.00
Pinon																																																			0	0	0.00
Total Tree Cover	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0.00
Total Vegetation Cover	1	1	1	0	0	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1	1	1	1	39	78	100.00
Cryptobiotic																																																			0	0	
Physical Features																																																					
Litter																																																			0	0	
Rock																																					1	1	1												3	6	
Bare Ground				1	1	1								1		1								1								1				1														8	16	
Total Physical Features	0	0	0	1	1	1	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	11	22	
																																																			50	100	
	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1			
Comments:																																																					

Appendix 2

Woody Plant Density Data

Horse Canyon Revegetation Shrub Density Sheet

Date:	7/23/2004																
Area:	Reference																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	553521	553557	553547	553611	553581	553619	553545	553538	553597	553540	553505	553536	553561	553505	553460		
	4368197	4386159	4368178	4368141	4368151	4368132	4368052	4368054	4368059	4368079	4368106	4368136	4368170	4368172	4368146		
Heading:	114	283	154	338	70	138	311	106	285	316	97	2	203	250	119		
Shrubs																	
Atriplex canescens	1															1	2.904
Atriplex confertifolia																	
Atriplex corrugata																	
Atriplex cuneata																	
Artemisia nova																	
Artemisia tridentata tridentata																	
Chrysothamnus nauseosus																	
Chrysothamnus viscidiflorus																	
Ceratoides lanata			1													1	2.904
Ephedra viridis							1									1	2.904
Sarcobatus vermiculatus	10															10	29.04
Leptodactylon pungens						1				1						2	5.808
Gutierrezia sarothrae		15	19	15	71	14	1	5	4	12	56	29	10	9	3	263	763.752
Total Shrubs	11	15	20	15	71	15	2	5	4	13	56	29	10	9	3	278	807.312
Trees																	
Juniper	3	7	8	4	1	10	8	10	6	10	5	3	3	5	6	89	258.456
Pinyon		1				3	5	5	1	1						16	46.464
Total Trees	3	8	8	4	1	13	13	15	7	11	5	3	3	5	6	105	304.92
Total Woody Plants	14	23	28	19	72	28	15	20	11	24	61	32	13	14	9	383	1112.232
Plants/acre	609.84	1001.88	1219.68	827.64	3136.32	1219.68	653.4	871.2	479.16	1045.44	2657.16	1393.92	566.28	609.84	392.04		
Average Plants/acre	1112.232																
Standard Deviation	787.1623224																
Comments:																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	8/7/2004																
Area:	3																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	555524	555485	555534	555494	555521	555515	555493	555437	555475	555422	555441	555481	555504	555540	555557		
	4368063	4368015	4368042	4368033	4368073	4368044	4368029	4368056	4368004	4367991	4368018	4367975	4367961	4367930	4368055		
Heading:	63	21	237	25	133	242	305	188	348	130	33	70	52	356	262		
Shrubs																	
Atriplex canescens	22	15	15	19	15	10	19	20	17	11	15	15	16	22	25	256	743.424
Atriplex confertifolia																	
Atriplex corrugata																	
Atriplex cuneata																	
Artemisia nova																	
Artemisia tridentata tridentata	23	51	16	16	16	16	3	10	5	21	10	22	22	32	17	280	813.12
Chrysothamnus nauseosus	2	8	2	1	3	3		1	5	6	2	6	1	5	2	47	136.488
Chrysothamnus viscidiflorus	5		6	2	4	1		7		1			2	3	1	32	92.928
Cowania mexicana					1						1		1			3	8.712
Ceratoides lanata																	
Ephedra viridis																	
Sarcobatus vermiculatus																	
Gutierrezia sarothrae																	
Total Shrubs	52	74	39	38	39	30	22	38	27	39	28	43	42	62	45	618	1794.672
Trees																	
Juniper																	
Pinyon																	
Total Trees																0	0
Total Woody Plants	52	74	39	38	39	30	22	38	27	39	28	43	42	62	45	618	1794.672
Plants/acre	2265.12	3223.44	1698.84	1655.28	1698.84	1306.8	958.32	1655.28	1176.12	1698.84	1219.68	1873.08	1829.52	2700.72	1960.2		
Average Plants/acre by transect	1794.672																
Standard Deviation	587.7026533																
Comments:																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	8/7/2004																
Area:	6																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	555622	555556	555552	555529	555509	555521	555472	555470	555440	555418	555448	555420	555471	555544	555581		
	4368177	4368189	4368213	4368190	4368189	4368147	4368152	4368157	4368139	4368139	4368155	4368130	4368140	4368187	4368141		
Heading:	240	215	209	306	116	250	162	254	115	43	230	18	74	13	283		
Shrubs																	
Atriplex canescens	10	30	20	12	34	23	34	27	18	44	38	57	30	19	41	437	1269.048
Atriplex confertifolia																	
Atriplex corrugata																	
Atriplex cuneata																	
Artemisia nova	2	2	8	15	3	8	1						1	3	1	44	127.776
Artemisia tridentata tridentata	29	26	57	50	36	45	28	28	29	8	8	36	77	54	37	548	1591.392
Chrysothamnus nauseosus	1			1				3	1				2			8	23.232
Chrysothamnus viscidiflorus	15	2	2	1	1	3	14	5	39	2			6	1		91	264.264
Cowania mexicana																	
Ceratoides lanata			9	100	25	1		3		2		1			1	142	412.368
Ephedra viridis																	
Sarcobatus vermiculatus							13									13	37.752
Gutierrezia sarothrae	11	1	4	3		4		11		9		7	6	6		62	180.048
Total Shrubs	68	61	100	182	99	84	90	77	87	65	46	101	122	83	80	1345	3905.88
Trees																	
Juniper																	
Pinyon																	
Total Trees																0	0
Total Vegetation	68	61	100	182	99	84	90	77	87	65	46	101	122	83	80	1345	3905.88
Plants/acre	2962.08	2657.16	4356	7927.92	4312.44	3659.04	3920.4	3354.12	3789.72	2831.4	2003.76	4399.56	5314.32	3615.48	3484.8		
Average Plants/acre	3905.88																
Standard Deviation	1379.323577																
Comments:																	

yellow flower forb(cryptantha-umbel - like), curly cup gum weed, composite, unknown shrub 2, Hedysarum, globe mallow, Tumbe mustard, yellow clover, deer pellets, poa balbosa? Present

Horse Canyon Revegetation Shrub Density Sheet

Date:	8/6/2004																
Area:	7																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	555418	555390	555395	555369	555429	555437	555409	555449	555373	555419	555431	555414	555362	555392	555416		
	4368099	4368040	4368085	4368088	4368082	4368124	4368102	4368078	4368088	4368127	4368109	4368128	4368037	4367992	4368061		
Heading:	216	44	231	60	294	237	86	240	51	90	209	172	100	30	56		
Shrubs																	
Atriplex canescens	38	4	16	14	35	36	21	45	21	26	26	13	23	28	32	378	1097.712
Atriplex confertifolia						48										48	139.392
Atriplex corrugata																	
Atriplex cuneata																	
Artemisia nova		8	13	1	2			1			1		1			27	78.408
Artemisia tridentata tridentata	50	165	208	83	46		54	47	90	56	48	71	86	56	53	1113	3232.152
Chrysothamnus nauseosus		1	1										1			3	8.712
Chrysothamnus viscidiflorus		8	4							5	1		1		2	21	60.984
Cowania mexicana																	
Ceratoides lanata										2						2	5.808
Cowania mexicana	1						1									2	5.808
Ephedra viridis																	
Gutierrezia sarothrae		24					19		1		1	4	4	5		58	168.432
Sarcobatus vermiculatus			7													7	20.328
Total Shrubs	89	210	249	98	83	84	95	93	112	89	77	88	116	89	87	1659	4817.736
Trees																	
Juniper																	
Pinyon																	
Total Trees																0	0
Total Vegetation	89	210	249	98	83	84	95	93	112	89	77	88	116	89	87	1659	4817.736
Plants/acre	3876.84	9147.6	10846.44	4268.88	3615.48	3659.04	4138.2	4051.08	4878.72	3876.84	3354.12	3833.28	5052.96	3876.84	3789.72		
Average Plants/acre	4817.736																
Standard Deviation	2173.128277																
Comments:																	
Penstemon Palmeri, Globe mallow with wide leaf, Tumble mustard, Snakeweed present																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	8/7/2004																
Area:	11, 13 & 14																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	554572	554595	554600	554544	554635	554602	554700	554772	554806	554808	554816	554831	554907	554959	554910		
	4367275	4367314	4367289	4367253	4367275	4367288	4367333	4267375	4367373	4367382	4367426	4367442	4367485	4367950	4367572		
Heading:	348	136	220	47	9	93	26	184	360	29	254	46	31	216	156		
Shrubs																	
Atriplex canescens	14	10	34	25	18	40	14	26	22	14	31	13	22	28	30	341	990.264
Atriplex confertifolia																	
Atriplex corrugata																	
Atriplex cuneata																	
Artemisia nova					1				2						4	7	20.328
Artemisia tridentata tridentata				9	17	13	12	6	14	5	9	17	2	9	9	122	354.288
Chrysothamnus nauseosus				1		1	2		1			6			1	12	34.848
Chrysothamnus viscidiflorus					1		1					1				3	8.712
Cowania mexicana																	
Ceratoides lanata	1	1	1					1			1		2		5	12	34.848
Cowania mexicana								1	1							2	5.808
Ephedra viridis															1	1	2.904
Gutierrezia sarothrae					2	3		1		1		11				18	52.272
Sarcobatus vermiculatus		1			3	8			1							13	37.752
Total Shrubs Cover	15	12	35	35	42	65	29	35	41	20	41	48	26	37	50	531	1542.024
Trees																	
Juniper																	
Pinyon																	
Total Tree Cover																0	0
Total Vegetation Cover	15	12	35	35	42	65	29	35	41	20	41	48	26	37	50	531	1542.024
Plants/acre	653.4	522.72	1524.6	1524.6	1829.52	2831.4	1263.24	1524.6	1785.96	871.2	1785.96	2090.88	1132.56	1611.72	2178		
Average Plants/acre	1542.024																
Standard Deviation	603.5401541																
Comments:																	
Cliff rose, Globe mallow, Crested wheat grass, Medicago, Yellow clover, Curly cup gum weed present																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	7/23/2004																
Area:	15 & 17																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	553702	553710	553757	553796	553737	553788	553824	553827	553851	553837	553923	554012	553966	553943	553972		
	4366972	4366987	4366963	4366984	4367020	4367069	4367046	4367093	4367049	4367000	4367077	4367117	4367084	4367089	4367117		
Heading:	212	159	94	333	2	81	292	136	242	283	346	181	250	77	308		
Shrubs																	
Atriplex canescens	13	8	23	12	23	26	25	19	45	19	14	10	4	6	19	266	772.464
Atriplex confertifolia					4		2									6	17.424
Atriplex corrugata																	0
Atriplex cuneata																	0
Artemisia nova	1		2		1	1			1				1			7	20.328
Artemisia tridentata tridentata	43	18	56	39	9	41	46	7	16	19	15	9	21	3	17	359	1042.536
Chrysothamnus nauseosus	2	2	2	1		5	1				2		3	1		19	55.176
Chrysothamnus viscidiflorus													1		1	2	5.808
Cowania mexicana																	0
Ceratoides lanata	2	2	1	1		4	2	1	3	1	1	2	1		1	22	63.888
Ephedra viridis																	0
Guterezia sarothrae	1	2					1						11		7	22	63.888
Sarcobatus vermiculatus	2			8	22			2	1	4	29	3				71	206.184
																	0
Total Shrubs	64	32	84	61	59	77	77	29	66	43	61	24	42	10	45	774	2247.696
																	0
Trees																	0
Juniper																	0
Pinyon																	0
																	0
Total Trees																0	0
Total Vegetation	64	32	84	61	59	77	77	29	66	43	61	24	42	10	45	774	2247.696
Plants/acre	2787.84	1393.92	3659.04	2657.16	2570.04	3354.12	3354.12	1263.24	2874.96	1873.08	2657.16	1045.44	1829.52	435.6	1960.2		
Average Plants/acre	2247.696																
Standard Deviation	940.7346528																
Comments:																	
Japanese brome, Atriplex with puple stem, Halogeton glomeratus, Salina wild rye, Tumble mustard, Erodium cicutaria, Western wheat grass, Unknown forb present																	
Yellow clover, Skeleton weed, Atriplex cuneata,																	

Horse Canyon Revegetation Shrub Density Sheet

Date:	7/22/2004																
Area:	16																
Transect:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	Total	Plants/acre
UTM:	554239	554243	554243	554228	554285	554284	554238	554241	554246	554195	554206	554270	554250	554300	554231		
	4366964	4366991	4366989	4367001	4366901	4366902	4366884	4366831	4366866	4366876	4366884	4366903	4366974	4366959	4366959		
Heading:	95	232	211	287	9	128	104	57	350	92	70	260	180	188	337		
Shrubs																	
Atriplex canescens	51	44	45	3	5	4	8	24	11	15	9	6	35	4	43	307	891.528
Atriplex confertifolia	1	1		1	8	8	2	13	4	6	12	5	1	21		83	241.032
Atriplex corrugata																	
Atriplex cuneata																	
Artemisia nova										2					1	3	8.712
Artemisia tridentata tridentata	34	66	46	12	3		16	12	16	13	12		34	5	66	335	972.84
Chrysothamnus nauseosus				1	16	26	7	17	11	10	8	19		9		124	360.096
Chrysothamnus viscidiflorus							1	1								2	5.808
Cowania mexicana																	
Ceratoides lanata				1	2			1		1	3			1		9	26.136
Ephedra viridis																	
Sarcobatus vermiculatus																	
Guterezia sarothrae					1	1	2	15	2		1	1				23	66.792
																	0
Total Shrubs	86	111	91	18	35	39	36	83	44	47	45	31	70	40	110	886	2572.944
Trees																	
Juniper																	
Pinyon																	
Total Trees																0	0
Total Vegetation	86	111	91	18	35	39	36	83	44	47	45	31	70	40	110	886	2572.944
Plants/acre	3746.16	4835.16	3963.96	784.08	1524.6	1698.84	1568.16	3615.48	1916.64	2047.32	1960.2	1350.36	3049.2	1742.4	4791.6		
Average Plants/acre	2572.944																
Standard Deviation	1309.438593																
Comments:																	

Appendix 3

Diversity and Similarity Data

Appendix 3. Similarity comparisons			
Unique Species Reference Area (A)	Unique Species Area 3 (B)	Common Species (C)	Similarity Index C/(A+B-C)*100
Sarcobatus vermiculatus	Artemisia nova	Gutierrzia sarothrae	3/(12+17-3)*100 = **11.54**
Euphorbia fendleri	Artemisia tridentata	Machaerantha canescens	
Sphaeralcia coccinea	Atriplex canescens	Bromus tectorum	
Phlox hoodii	Chrysothamnus nauseosus		
Plantago patagonica	Chrysothamnus viscidilflorus		
Opuntia compressa	Cowania mexicana		
Elymus salinus	Meliotus officinalis		
Juniperus osteosperma	Penstemon palmeri		
Pinus edulis	Grindelia squarrosa		
	Agropyron cristatum		
	Agropyron smithii		
	Agropyron spicatum		
	Elymus cinereus		
	Elymus gigantius		

Appendix 3. Similarity comparisons

Unique Species Reference Area (A)	Unique Species Area 6 (B)	Common Species (C)	Similarity Index C/(A+B-C)*100
Euphorbia fendleri	Artemisia nova	Gutierrzia sarothrae	5/(12+23-5)*100 = **16.67**
Sphaeralcia coccinea	Artemisia tridentata	Sarcobatus vermiculatus	
Phlox hoodii	Atriplex canescens	Machaerantha canescens	
Plantago patagonica	Atriplex confertifolia	Bromus tectorum	
Opuntia compressa	Ceratoides lanata	Elymus salinus	
Juniperus osteosperma	Chrysothamnus nauseosus		
Pinus edulis	Chrysothamnus viscidilflorus		
	Penstemon palmeri		
	Sysimbrium altissimum		
	Grindelia squarrosa		
	Agropyron smithii		
	Agropyron spicatum		
	Bromus inermis		
	Elymus cinereus		
	Elymus gigantius		
	Hilaria jamesii		
	Oryzopsis hymenoides		
	Sitanion hystrix		

Appendix 3. Similarity comparisons			
Unique Species Reference Area (A)	Unique Species Area 7 (B)	Common Species (C)	Similarity Index C/(A+B-C)*100
Sarcobatus vermiculatus	Artemisia nova	Gutierrzia sarothrae	3/(12+18-3)*100 = **11.11**
Euphorbia fendleri	Artemisia tridentata	Sphaeralcia coccinea	
Sphaeralcia coccinea	Atriplex canescens	Bromus tectorum	
Phlox hoodii	Atriplex confertifolia		
Plantago patagonica	Ceratoides lanata		
Opuntia compressa	Chrysothamnus nauseosus		
Elymus salinus	Chrysothamnus viscidilflorus		
Juniperus osteosperma	Cowania mexicana		
Pinus edulis	Penstemon palmeri		
	Sysimbrium altissimum		
	Agropyron spicatum		
	Elymus cinereus		
	Oryzopsis hymenoides		
	Sitanion hystrix		
	Stipa comata		

Appendix 3. Similarity comparisons

Unique Species Reference Area (A)	Unique Species Area 11/13/14 (B)	Common Species (C)	Similarity Index C/(A+B-C)*100
Phlox hoodii	Artemisia tridentata	Gutierrzia sarothrae	7/(12+21-7)*100 = **26.92**
Plantago patagonica	Atriplex canescens	Sarcobatus vermiculatus	
Opuntia compressa	Ceratoides lanata	Euphorbia fendleri	
Juniperus osteosperma	Chrysothamnus nauseosus	Sphaeralcia coccinea	
Pinus edulis	Chrysothamnus viscidilflorus	Machaerantha canescens	
	Cowania mexicana	Bromus tectorum	
	Medicago satvia	Elymus salinus	
	Penstemon palmeri		
	Grindelia squarrosa		
	Agropyron cristatum		
	Agropyron spicatum		
	Elymus cinereus		
	Elymus gigantius		
	Oryzopsis hymenoides		

Appendix 3. Similarity comparisons			
Unique Species Reference Area (A)	Unique Species Area 15/17 (B)	Common Species (C)	Similarity Index C/(A+B-C)*100
Euphorbia fendleri	Artemisia nova	Gutierrzia sarothrae	5/(12+16-5)*100 = **21.73**
Sphaeralcia coccinea	Artemisia tridentata	Sarcobatus vermiculatus	
Phlox hoodii	Atriplex canescens	Machaerantha canescens	
Plantago patagonica	Atriplex confertifolia	Bromus tectorum	
Opuntia compressa	Ceratoides lanata	Elymus salinus	
Juniperus osteosperma	Chrysothamnus nauseosus		
Pinus edulis	Agropyron spicatum		
	Elymus cinereus		
	Elymus gigantius		
	Hilaria jamesii		
	Oryzopsis hymenoides		

Appendix 3. Similarity comparisons

Unique Species Reference Area (A)	Unique Species Area 16 (B)	Common Species (C)	Similarity Index C/(A+B-C)*100
Sarcobatus vermiculatus	Artemisia tridentata	Gutierrzia sarothrae	3/(12+15-3)*100 = **12.50**
Euphorbia fendleri	Atriplex canescens	Machaerantha canescens	
Sphaeralcia coccinea	Atriplex confertifolia	Bromus tectorum	
Phlox hoodii	Ceratoides lanata		
Plantago patagonica	Chrysothamnus nauseosus		
Opuntia compressa	Chrysothamnus viscidilflorus		
Elymus salinus	Medicago sativa		
Juniperus osteosperma	Penstemon palmeri		
Pinus edulis	Agropyron cristatum		
	Agropyron spicatum		
	Elymus cinereus		
	Oryzopsis hymenoides		