



Mr. Steve Christensen
Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
P. O. Box 145801
Salt Lake City, UT 84114-5801

RE: Change in Disturbed Acreage at Castle Valley Mining, LLC
Waste Rock Site – C/015/0036

Dear Sir:

After further evaluation of the mining conditions at the Bear Canyon Mine, we have concluded that the amount of waste rock that will be generated in future mining is less than previously determined. Based on this information, we are submitting C1 and C2 forms requesting a reduction in the number of permitted acres from 49.05 to 36.82 acres.

Your prompt attention in this matter would be greatly appreciated.

Sincerely,

A handwritten signature in red ink that reads "JAREN JORGENSEN". The signature is written in a cursive, slightly stylized font. The first letter 'J' is large and loops around the first part of the name. The last letter 'N' also has a large loop.

Jaren Jorgensen
Engineer

APPLICATION FOR COAL PERMIT PROCESSING

Permit Change New Permit Renewal Exploration Bond Release Transfer

Permittee: Castle Valley Mining, LLC

Mine: Bear Canyon Mine

Permit Number: C/015/0036

Title: Castle Valley Mining, LLC Waste Rock Site

Description, Include reason for application and timing required to implement:

Instructions: If you answer yes to any of the first eight (gray) questions, this application may require Public Notice publication.

- Yes No 1. Change in the size of the Permit Area? Acres: 36.82 Disturbed Area: _____ increase decrease.
- Yes No 2. Is the application submitted as a result of a Division Order? DO# _____
- Yes No 3. Does the application include operations outside a previously identified Cumulative Hydrologic Impact Area?
- Yes No 4. Does the application include operations in hydrologic basins other than as currently approved?
- Yes No 5. Does the application result from cancellation, reduction or increase of insurance or reclamation bond?
- Yes No 6. Does the application require or include public notice publication?
- Yes No 7. Does the application require or include ownership, control, right-of-entry, or compliance information?
- Yes No 8. Is proposed activity within 100 feet of a public road or cemetery or 300 feet of an occupied dwelling?
- Yes No 9. Is the application submitted as a result of a Violation? NOV # _____
- Yes No 10. Is the application submitted as a result of other laws or regulations or policies?
Explain: _____
- Yes No 11. Does the application affect the surface landowner or change the post mining land use?
- Yes No 12. Does the application require or include underground design or mine sequence and timing? (Modification of R2P2)
- Yes No 13. Does the application require or include collection and reporting of any baseline information?
- Yes No 14. Could the application have any effect on wildlife or vegetation outside the current disturbed area?
- Yes No 15. Does the application require or include soil removal, storage or placement?
- Yes No 16. Does the application require or include vegetation monitoring, removal or revegetation activities?
- Yes No 17. Does the application require or include construction, modification, or removal of surface facilities?
- Yes No 18. Does the application require or include water monitoring, sediment or drainage control measures?
- Yes No 19. Does the application require or include certified designs, maps or calculation?
- Yes No 20. Does the application require or include subsidence control or monitoring?
- Yes No 21. Have reclamation costs for bonding been provided?
- Yes No 22. Does the application involve a perennial stream, a stream buffer zone or discharges to a stream?
- Yes No 23. Does the application affect permits issued by other agencies or permits issued to other entities?

Please attach one (1) review copy of the application.

I hereby certify that I am a responsible official of the applicant and that the information contained in this application is true and correct to the best of my information and belief in all respects with the laws of Utah in reference to commitments, undertakings, and obligations, herein.

JAREN JORGENSEN
Print Name

JAREN JORGENSEN
Sign Name, Position, Date

Subscribed and sworn to before me this 19th day of March, 2017

Miranda Lofley
Notary Public

My commission Expires: 03-26, 2022

Attest: State of Utah } ss:
County of Emery



For Office Use Only:	Assigned Tracking Number:	Received by Oil, Gas & Mining
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R645-301-112.800 Interest in Lands Contiguous

The applicant neither owns nor controls, directly or indirectly, a legal equitable interest in any lands contiguous to the permit area.

R645-301-113.100-400 Violation Information

Neither CVM nor any major stockholder of CVM having any interest, either legal or equitable, in the CVM site have had a State or Federal mining permit suspended or revoked in the five years preceding the date of submission of this application, or have forfeited a performance bond or similar security deposited in lieu of bond revoked. A summary of Notices of Non-compliance associated with mining, air, or water permits issued to CVM or related entities during the three year period preceding the submission of this application is provided in Appendix 1-3.

R645-301-114.100-300 Right-of-Entry

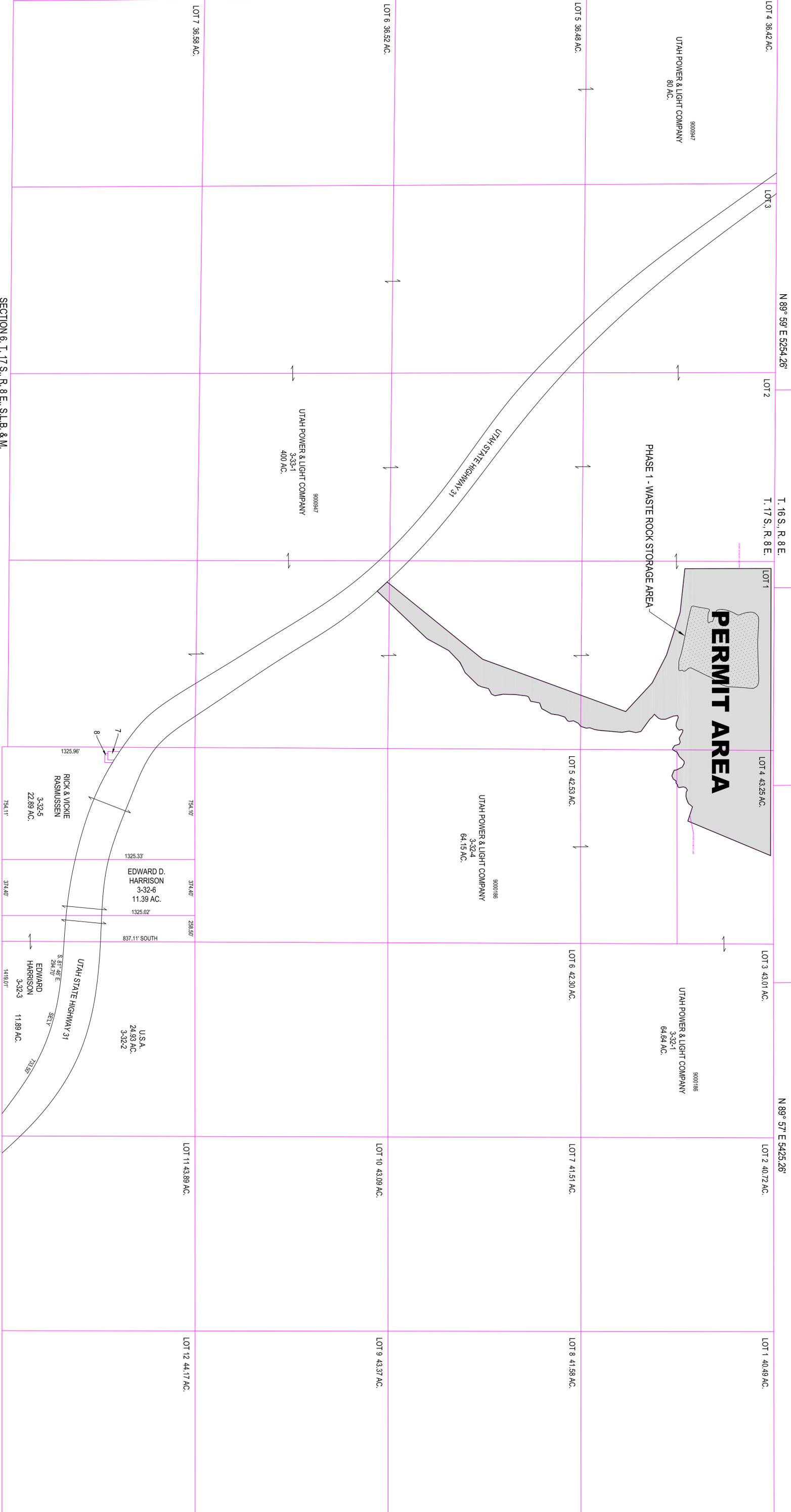
The Deer Creek site is located on lands that are entirely owned by CVM (see Appendix 1-1). Hence, no other right of entry is required.

R645-301-115.100-300 Status of Unsuitability Claims.

The permit area is not located within an area that has been designated as unsuitable for mining and reclamation operations, nor is it within an area under study for designation in an administrative proceeding under R645-103-300, R645-103-400, or 30 CFR Part 769.

R645-301-116.100-220 Permit Term

Operations for CVM site will begin as soon as required permits are issued for these operations. Termination of operations will be determined by working conditions. The timing of this termination is, therefore, unknown. The anticipated total acreage to be affected during operations is less than the 49.05 ~~36.82~~ acres surface parcel is included within the permit area.



SECTION 6, T. 17 S., R. 8 E., SLB. & M.

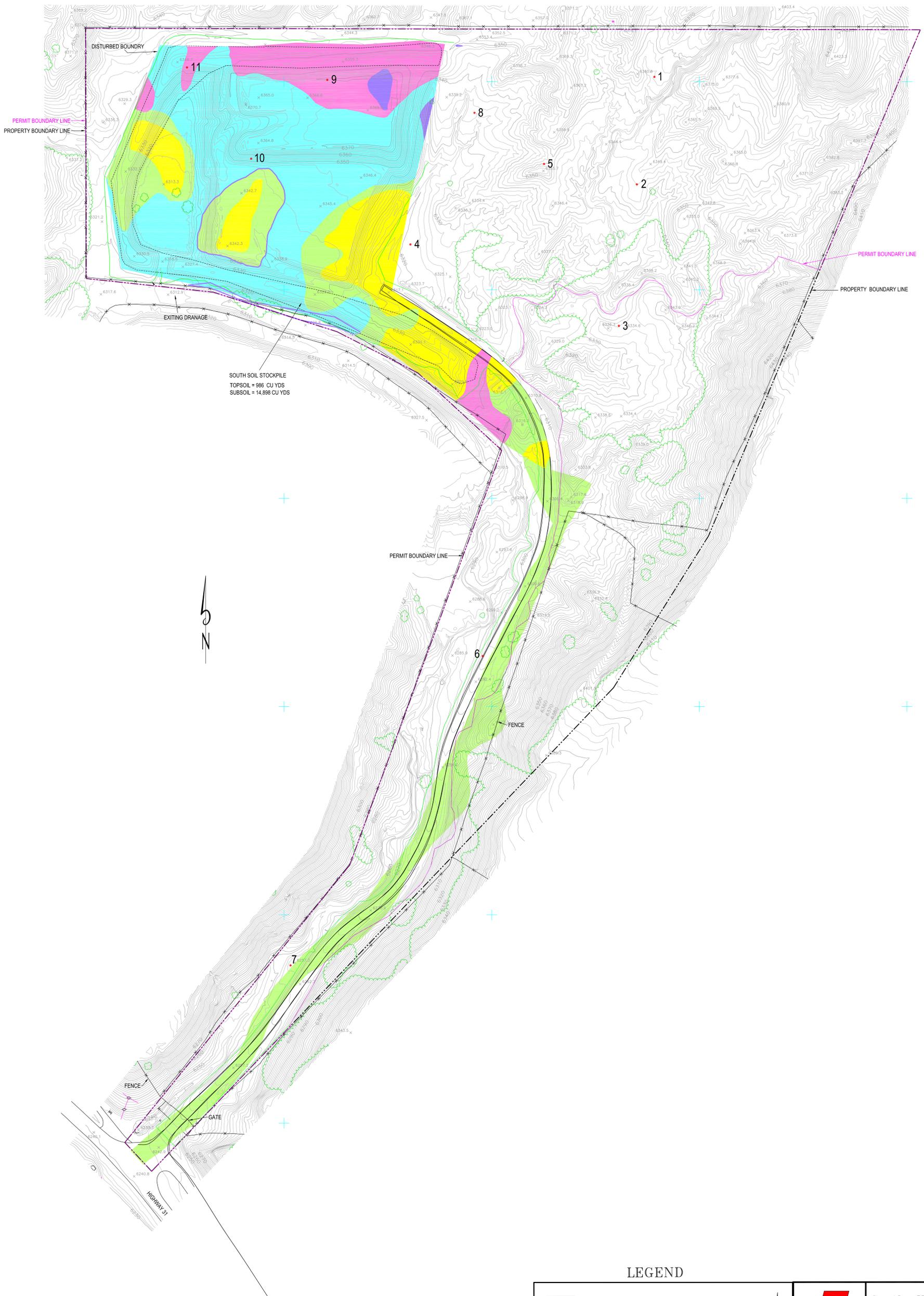
SECTION 5, T. 17 S., R. 8 E., SLB. & M.

	Castle Valley Mining LLC	
	WASTE ROCK STORAGE FACILITY DOGM PERMIT# C/015/0036	

TITLE: SURFACE AND SUBSURFACE OWNERSHIP

SCALE: 1" = 300' DATE: 9-24-2018

DRAWN BY: J. JORGENSEN PLATE: 1-1



LEGEND

	ZERO
	6 INCHES
	12 INCHES
	18 INCHES
	24 INCHES
	SOIL SAMPLE LOCATION (SAMPLED APRIL 1987)

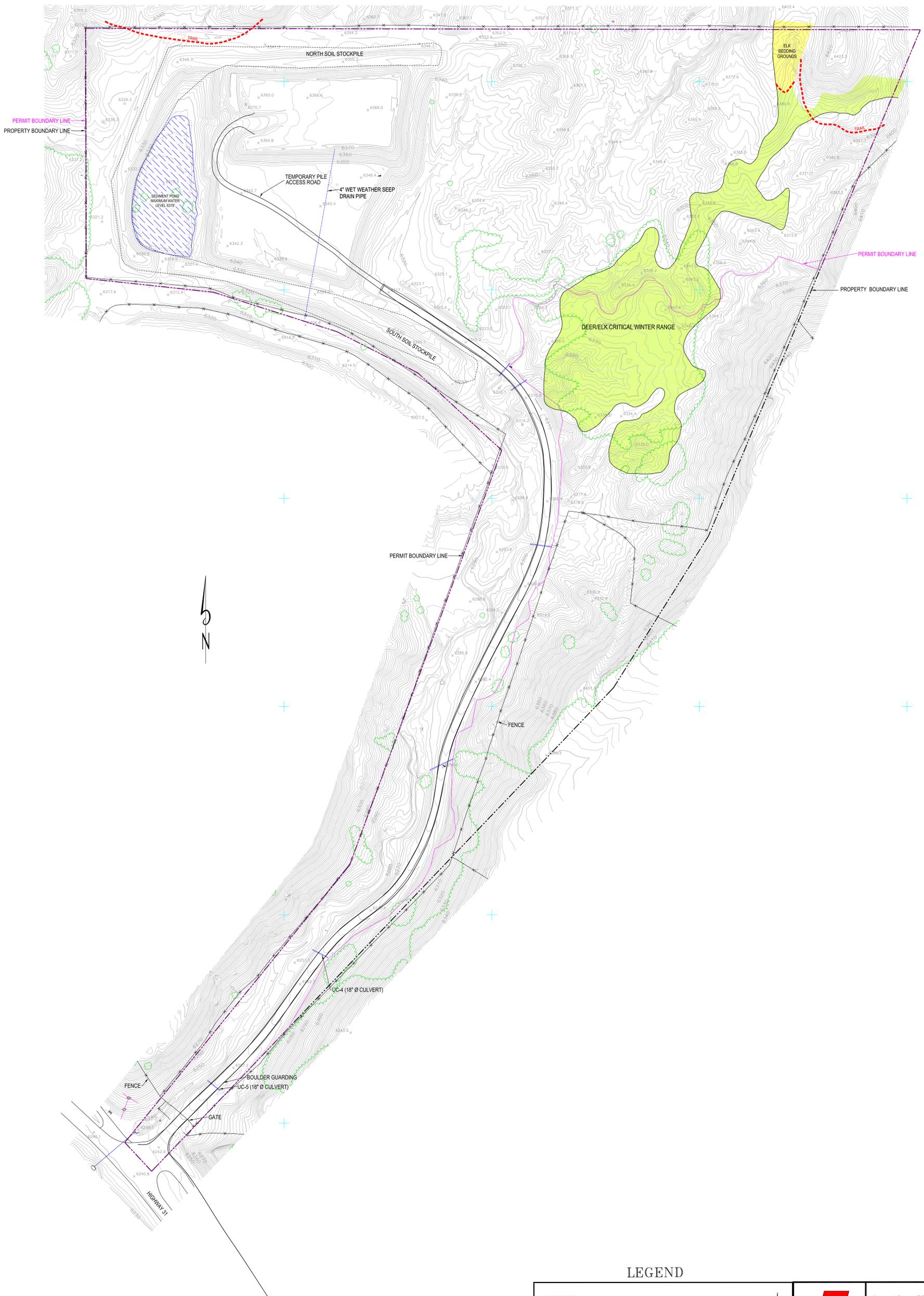
	Castle Valley Mining LLC
	WASTE ROCK STORAGE FACILITY DOGM PERMIT# C/015/0036
TITLE: SOIL DEPTHS & STOCKPILE LOCATIONS	
SCALE: 1"=75'	DATE: 9-24-2018
DRAWN BY: J. JORGENSEN PLATE: 2-1	



LEGEND

	PINYON-JUNIPER COMMUNITY (PRE-CONSTRUCTION)
	

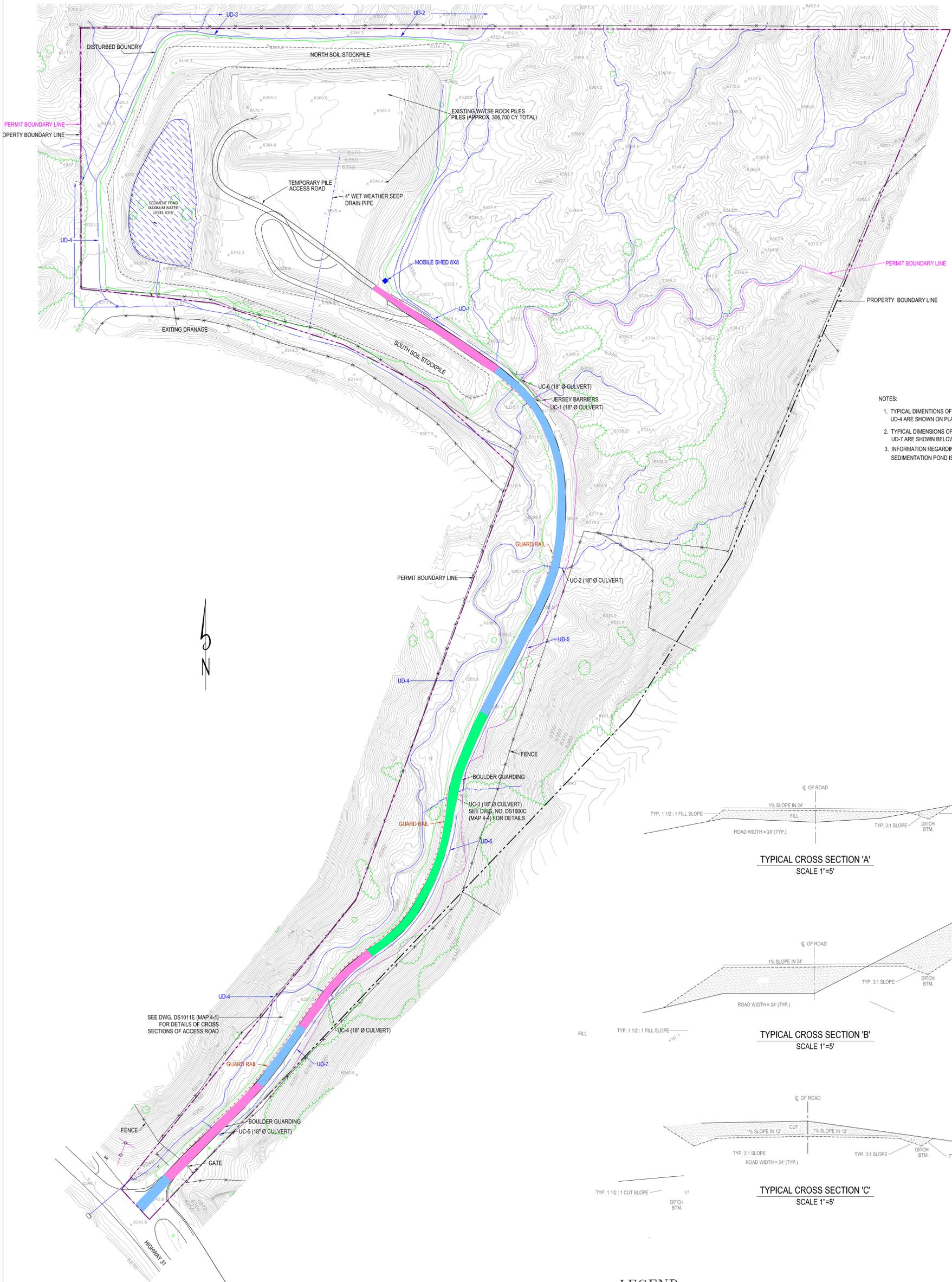
	Castle Valley Mining LLC
	WASTE ROCK STORAGE FACILITY DOGM PERMIT# C/015/0036
TITLE: VEGETATION MAP	
SCALE: 1"=75'	DATE: 9-24-2018
DRAWN BY: J. JORGENSEN PLATE: 3-1	



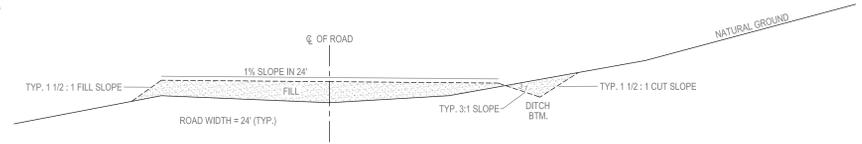
LEGEND

- DEER/ELK CRITICAL WINTER RANGE
 - ELK DEDDING GROUNDS
 - DEER/ELK TRAIL
- NOTE:
 WILDLIFE HABITAT DESIGNATIONS WERE DETERMINED THROUGH PERSONAL COMMUNICATION WITH LARRY DALTON (RESOURCE ANALYST, UDWR) AND FIELD INVESTIGATIONS BY VAL PAYNE (WILDLIFE BIOLOGIST, UP&L).

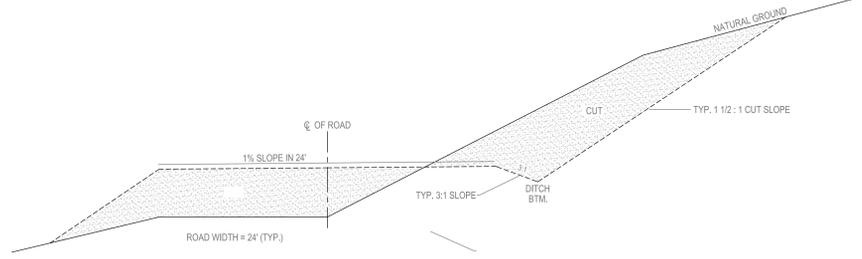
	Castle Valley Mining LLC WASTE ROCK STORAGE FACILITY DOGM PERMIT# C/015/0036	
	TITLE: WILDLIFE HABITAT MAP SCALE: 1"=75' DATE: 9-24-2018 DRAWN BY: J. JORGENSEN PLATE: 3-2	



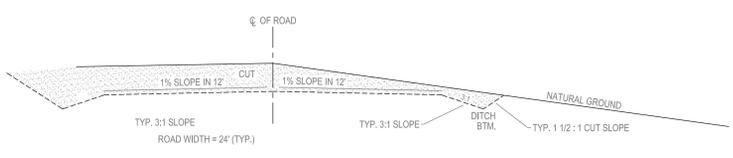
- NOTES:
1. TYPICAL DIMENSIONS OF DRAINAGE DITCHES UD-1 THROUGH UD-4 ARE SHOWN ON PLATE 7-2
 2. TYPICAL DIMENSIONS OF DRAINAGE DITCHES UD-5 THROUGH UD-7 ARE SHOWN BELOW
 3. INFORMATION REGARDING THE DIMENSIONS OF THE SEDIMENTATION POND IS PROVIDED ON PLATE 7-1



TYPICAL CROSS SECTION 'A'
SCALE 1"=5'



TYPICAL CROSS SECTION 'B'
SCALE 1"=5'

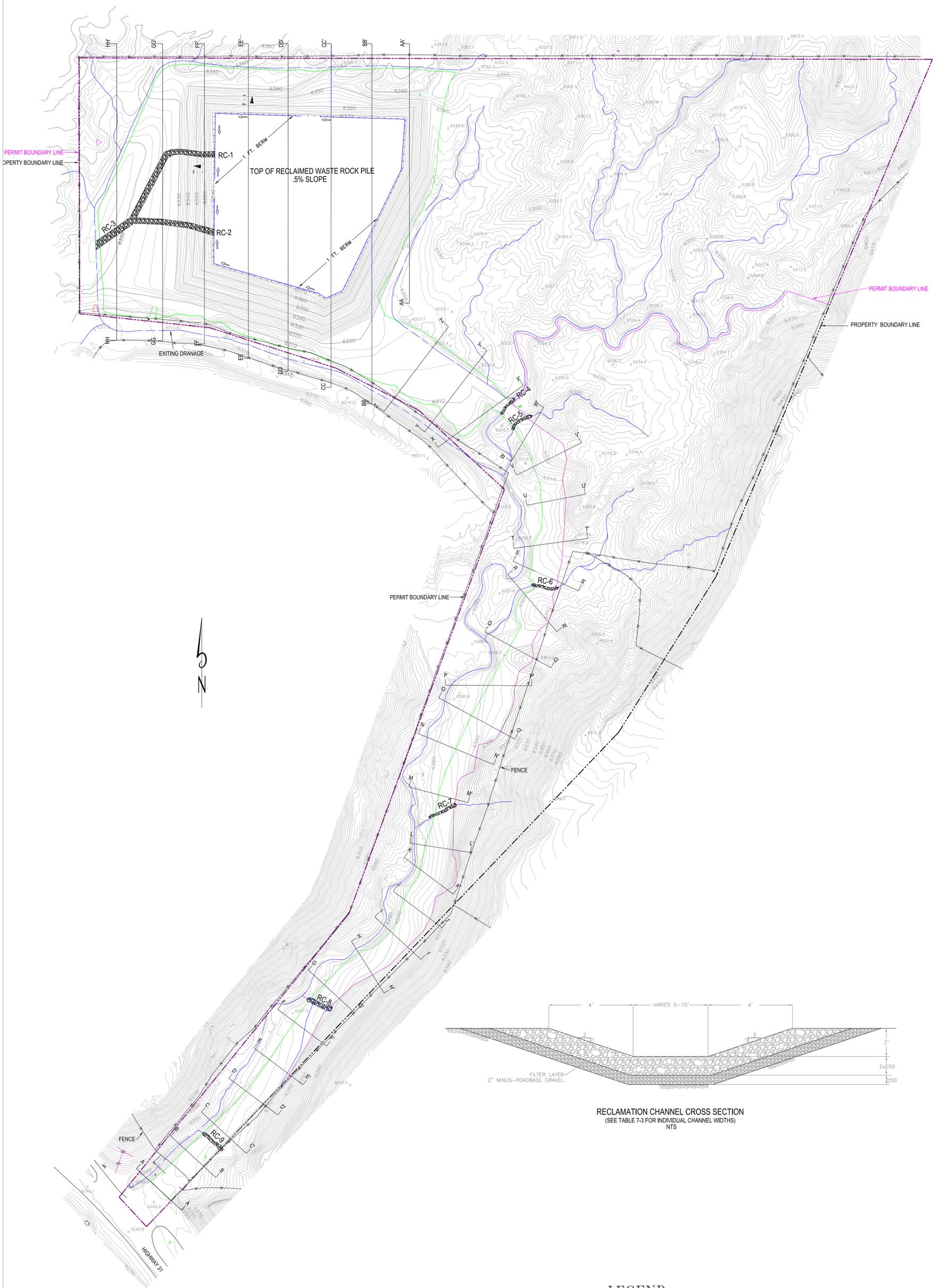


TYPICAL CROSS SECTION 'C'
SCALE 1"=5'

LEGEND

- | | |
|--|-------------------------------|
| PRIMARILY FILL (SEE TYPICAL CROSS SECTION A) | DD-1 = DISTURBED DITCH #1 |
| PRIMARILY CUT & FILL (SEE TYPICAL CROSS SECTION B) | UD-1 = UNDISTURBED DITCH #1 |
| PRIMARILY CUT (SEE TYPICAL CROSS SECTION C) | DC-1 = DISTURBED CULVERT #1 |
| PRIMARILY CUT (SEE TYPICAL CROSS SECTION C) | UC-1 = UNDISTURBED CULVERT #1 |
| DITCH | |
| DISTURBED AREA BOUNDARY | |

 NORTH ↑	Castle Valley Mining LLC WASTE ROCK STORAGE FACILITY DOGM PERMIT# C/015/0036
	TITLE: PERMIT FACILITIES & TYPICAL RD. X-SECTIONS
	SCALE: 1"=75' DATE: 9-24-2018
	DRAWN BY: J. JORGENSEN PLATE: 5-1



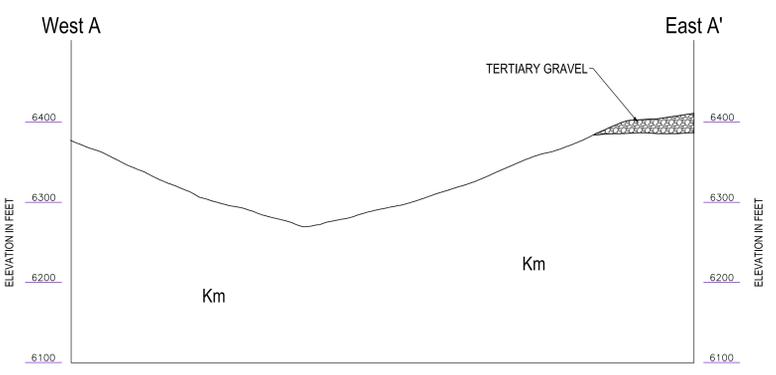
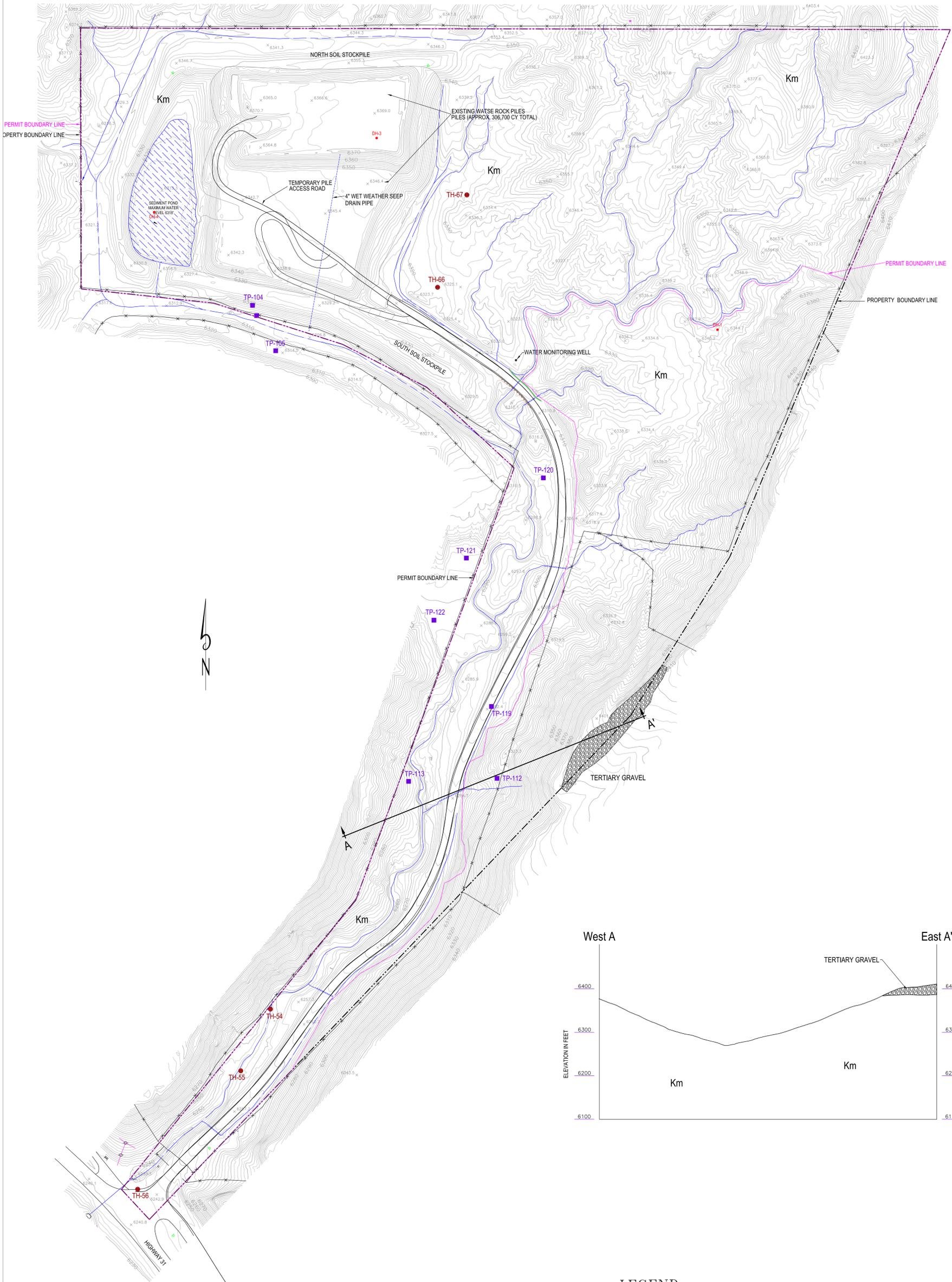
RECLAMATION CHANNEL CROSS SECTION
(SEE TABLE 7-3 FOR INDIVIDUAL CHANNEL WIDTHS)
NTS

LEGEND

	PRIMARILY FILL (SEE TYPICAL CROSS SECTION A)
	RECLAMATION CONTOURS (10 FOOT)
	RECLAMATION CONTOURS (2 FOOT)
	RECLAMATION CHANNEL (RC 1 THROUGH RC-9)
	WATERWAY
	DISTURBED AREA BOUNDARY



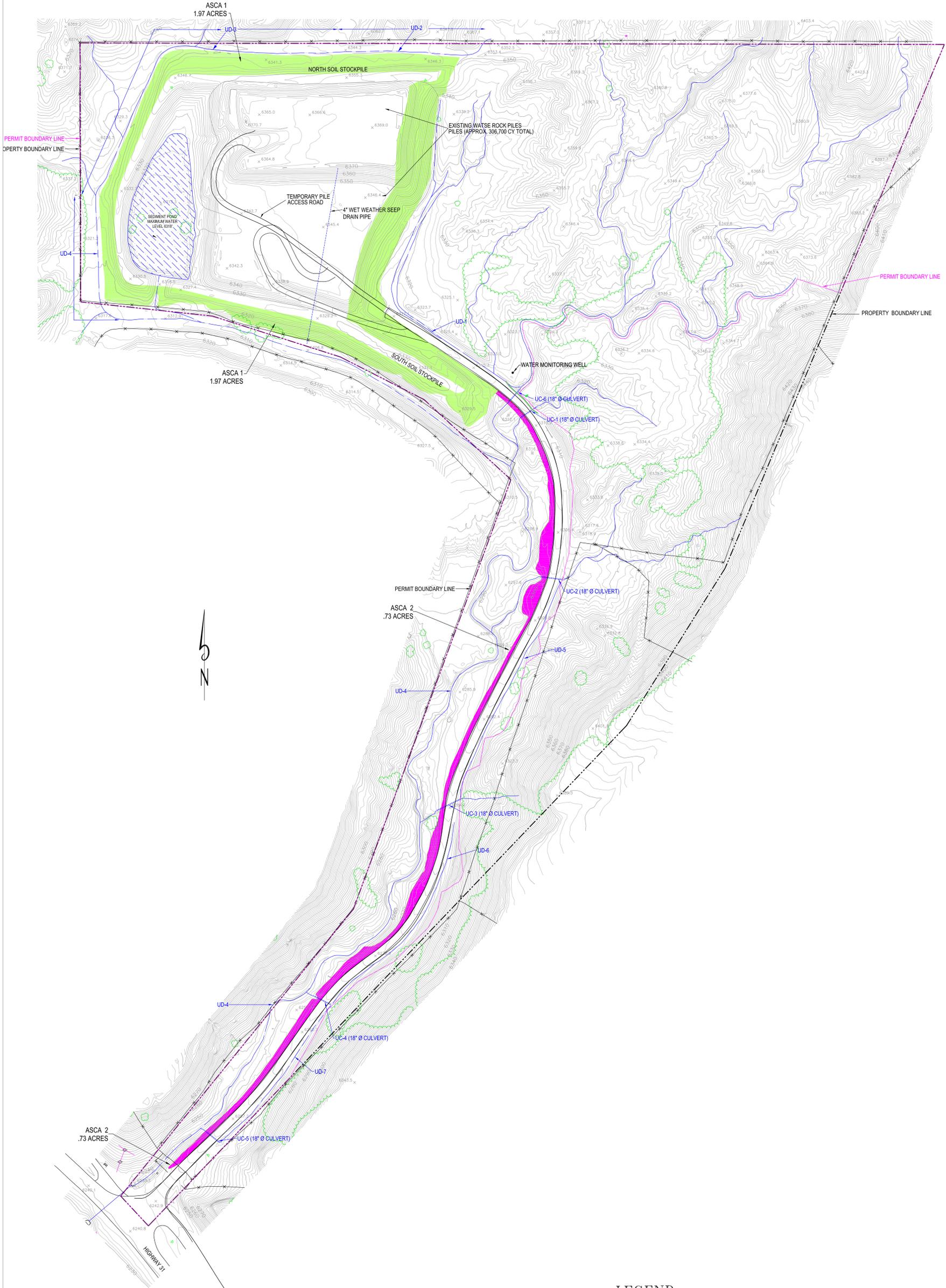
	Castle Valley Mining LLC WASTE ROCK STORAGE FACILITY DOGM PERMIT# C/015/0036
	TITLE: RECLAMATION PLAN MAP SCALE: 1"=75' DATE: 9-24-2018 DRAWN BY: J. JORGENSEN PLATE: 5-2



LEGEND

	PERMIT BOUNDARY LINE		TH-54 ● TEST HOLE (Huntington Power Plant)
	PROPERTY BOUNDARY LINE		TP-121 ■ TEST PIT (Huntington Power Plant)
	MASUK SHALE		
	DRILLHOLE		
	TERTIARY GRAVEL		

 N	 Castle Valley Mining LLC WASTE ROCK STORAGE FACILITY DOGM PERMIT# C/015/0036
	TITLE: GEOLOGY MAP
	SCALE: 1"=75' DATE: 9-24-2018
	DRAWN BY: J. JORGENSEN PLATE: 6-1



LEGEND

	ASCA 1 ADJACENT TO WASTE ROCK PILE	SEE PLATE 7-3 FOR DRAINAGE DETAILS
	ASCA 2 ADJACENT TO ROAD	
	CULVERT	
	DITCH	

	Castle Valley Mining LLC WASTE ROCK STORAGE FACILITY DOGM PERMIT# C/015/0036	
	TITLE: SITE DRAINAGE MAP	
SCALE: 1"=75'		DATE: 9-24-2018
DRAWN BY: J. JORGENSEN PLATE: 7-2		