From: Priscilla Burton
To: OGMCOAL
CC: Haddock, Daron
Date: 5/19/2011 4:23 PM
Subject: 0250005 Coal Hollow Incoming Fwd: complete App. C Soils Analysis
Attachments: Soils

This information was requested as item 5 under the June 1, 2011 completion date in the meeting notes of 5/5/2011.

Priscilla Burton, CPSSc
Division Oil Gas & Mining
319 Carbonville Rd., Ste. C
Price UT 84501
(435) 613-3733

OGMCOAL - Soils

From: Kirk Nicholes <knicholes@altoncoal.com>
To: "Priscilla Burton (priscillaburton@utah.gov)" <priscillaburton@utah.gov>
Date: 5/19/2011 3:22 PM
Subject: Soils
Attachments: Talon2006.pdf

Priscilla,

Here is the complete 2006 soils reports. I don't know why there pdf doesn't put the pages in order but they are all there for both work orders. I will submit these as a replacement for what is in the permit, as it looks as if IML's layout has changed in the current report.

Thank You

Kirk Nicholes
Environmental Specialist
Alton Coal Development, LLC
463 N 100 W, Suite 1
Cedar City, Ut 84721
T 435-867-5331
M 435-691-1551

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.
PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil
Date Received: 9/28/2006

Date Reported: 11/13/2006
Work Order: S0609512

Lab ID	Sample ID	Depths In.	pH s.u.	Saturation %	Electrical Conductivity dS/m	Organic Matter %	PE Calcium meq/L	PE Magnesium meq/L	PE Potassium meq/L	PE Sodium meq/L	SAR
S0609512-001	LOF-1	0-6	7.3	50.2	1.56	3.6	9.03	2.09	2.20	0.55	0.23
S0609512-002	LOF-1	6-12	8.3	54.4	0.52	1.8	2.63	1.09	0.18	1.57	1.15
S0609512-003	LOF-1	12-24	8.5	54.8	0.42	1.6	1.07	0.59	0.07	2.65	2.91
S0609512-004	LOF-1	24-42	8.7	60.8	0.90	1.5	1.61	0.87	0.14	4.47	4.02
S0609512-005	LOF-1	42-60	8.4	65.4	4.75	1.1	6.45	7.65	0.45	32.7	12.3
S0609512-006	LOF-3	0-4	8.1	47.7	0.82	3.9	5.98	1.58	1.02	0.53	0.27
S0609512-007	LOF-3	4-11	8.3	51.8	0.43	2.9	3.19	0.73	0.27	0.36	0.25
S0609512-008	LOF-3	11-19	8.1	42.7	0.41	2.3	2.86	0.88	0.22	0.44	0.32
S0609512-009	LOF-3	19-33	8.4	53.5	0.71	2.2	1.67	0.89	0.15	4.58	4.05
S0609512-011	RDV-5	0-5	8.1	42.7	0.54	3.6	3.72	0.90	0.36	0.41	0.27
S0609512-012	RDV-5	5-10	8.1	39.3	0.50	3.0	3.98	0.95	0.23	0.30	0.19
S0609512-013	RDV-5	10-25	8.4	32.3	0.37	1.1	2.37	0.89	0.22	0.40	0.31
S0609512-014	RDV-5	25-48	8.8	56.0	0.72	1.7	0.84	0.60	0.11	6.33	7.45
S0609512-015	RDV-5	48-60	9.0	83.6	3.37	1.3	1.26	1.76	0.20	29.5	24.0
S0609512-016	RDV-6	0-6	8.1	27.9	0.52	1.1	2.99	1.06	0.77	0.48	0.34
S0609512-017	RDV-6	6-12	8.3	29.9	0.31	0.7	2.13	0.47	0.14	0.28	0.25
S0609512-018	RDV-6	12-24	8.0	35.4	0.64	2.6	4.52	1.68	0.33	0.36	0.20
S0609512-019	RDV-6	24-34	8.3	29.7	0.40	0.7	2.43	1.35	0.18	0.41	0.30
S0609512-020	RDV-6	34-60	8.5	52.9	0.83	1.8	1.83	2.24	0.19	4.89	3.43
S0609512-021	1YR-8	0-8	8.0	51.5	0.68	5.8	3.68	2.81	0.45	0.33	0.18

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil
Date Received: 9/28/2006

Date Reported: 11/13/2006
Work Order: S0609512

Lab ID	Sample ID	Depths In.	pH s.u.	Saturation %	Electrical Conductivity dS/m	Organic Matter %	PE Calcium meq/L	PE Magnesium meq/L	PE Potassium meq/L	PE Sodium meq/L	SAR
S0609512-022	1YR-8	8-14	8.1	43.1	0.53	2.1	3.22	1.63	0.34	0.29	0.18
S0609512-023	1YR-8	14-22	8.5	35.8	0.40	1.1	1.77	1.31	0.37	0.53	0.43
S0609512-024	1YR-8	22-45	8.9	37.6	0.44	0.7	0.71	3.05	0.45	0.39	0.28
S0609512-025	1YR-8	45-65	9.0	27.4	0.49	0.4	0.70	3.46	0.41	0.40	0.28
S0609512-026	1YR-8	65-85	8.9	25.9	0.56	0.3	1.24	3.81	0.19	1.03	0.65
S0609512-027	1YR-9A	0-12	9.0	47.0	0.91	4.7	0.98	7.93	0.65	0.62	0.30
S0609512-028	1YR-9A	12-24	9.1	32.8	0.83	1.4	0.44	7.78	0.71	0.46	0.23
S0609512-029	1YR-9A	24-42	9.6	26.4	1.26	0.3	0.76	6.48	0.34	7.06	3.71
S0609512-030	1YR-9A	42-70	9.4	27.7	0.90	0.3	0.63	3.77	0.16	4.73	3.19
S0609512-031	1YR-9A	70-100	8.5	68.6	1.31	0.5	1.72	8.32	0.19	3.31	1.48
S0609512-032	1YR-11	0-5	8.0	36.3	0.48	2.4	2.44	1.84	0.39	0.28	0.19
S0609512-033	1YR-11	5-16	8.2	31.3	0.50	1.7	2.76	1.42	0.36	0.40	0.28
S0609512-034	1YR-11	16-32	8.3	27.9	0.38	0.9	1.89	0.87	0.37	0.26	0.22
S0609512-035	1YR-11	32-48	8.3	27.3	0.41	0.5	1.90	1.06	0.29	0.32	0.26
S0609512-036	1YR-11	48-72	8.6	28.1	0.33	0.3	1.44	0.96	0.12	0.27	0.24
S0609512-037	1YR-11	72-90	8.7	23.9	0.29	0.2	1.37	1.15	0.13	0.39	0.35
S0609512-038	SP-13	0-6	8.5	34.1	0.72	2.7	4.77	2.10	0.90	0.31	0.17
S0609512-039	SP-13	6-12	8.2	43.3	0.52	1.7	2.64	1.72	0.41	0.33	0.22
S0609512-040	SP-13	12-24	8.4	62.3	0.55	2.9	1.67	3.09	0.26	0.35	0.23
S0609512-041	SP-13	24-48	8.5	46.3	0.47	1.2	0.91	3.26	0.12	0.42	0.29

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil

Date Received: 9/28/2006

Date Reported: 11/13/2006

Work Order: S0609512

Lab ID	Sample ID	Depths In.	pH s.u.	Saturation %	Electrical Conductivity dS/m	Organic Matter %	PE Calcium meq/L	PE Magnesium meq/L	PE Potassium meq/L	PE Sodium meq/L	SAR
S0609512-042	SP-13	48-60	8.8	46.1	0.31	1.8	0.53	3.00	0.10	0.67	0.51
S0609512-043	SP-13	60-72	8.9	35.6	1.46	1.2	1.64	8.30	0.14	4.90	2.20
S0609512-044	SP-13	72-84	8.7	33.5	2.20	0.5	2.07	15.5	0.20	7.00	2.36
S0609512-045	SP-16	0-8	8.3	64.5	0.58	4.8	3.08	1.84	0.42	0.49	0.31
S0609512-046	SP-16	8-18	8.2	61.9	0.60	1.9	2.00	2.77	0.28	0.39	0.25
S0609512-047	SP-16	18-36	8.7	50.6	0.45	0.6	0.68	3.12	0.19	0.53	0.38
S0609512-048	SP-16	36-56	9.0	52.2	0.34	0.6	0.45	3.38	0.14	0.77	0.56
S0609512-049	SP-16	56-68	8.9	36.3	0.60	0.3	0.52	4.30	0.16	1.21	0.78
S0609512-050	SP-16	68-96	8.9	55.3	0.53	0.6	1.00	3.49	0.18	1.21	0.81
S0609512-051	WRD-18	0-9	8.2	43.4	0.35	3.6	4.56	1.75	0.65	0.31	0.18
S0609512-052	WRD-18	9-19	8.3	41.3	0.61	1.8	3.45	1.56	0.80	0.27	0.17
S0609512-053	WRD-18	19-34	8.5	35.8	0.52	1.2	2.41	2.17	0.18	0.31	0.21
S0609512-054	WRD-18	34-54	8.7	45.5	0.38	1.4	1.63	1.70	0.12	0.35	0.27
S0609512-055	WRD-18	54-72	8.6	49.6	0.57	1.1	1.92	2.53	0.18	0.46	0.31
S0609512-056	WRD-18	72-96	8.6	34.7	1.46	0.5	2.97	11.0	0.19	1.48	0.56
S0609512-057	WRD-19	0-6	8.0	48.5	0.91	4.9	4.87	2.07	1.72	0.28	0.15
S0609512-058	WRD-19	6-12	8.2	44.1	0.65	3.0	3.43	1.45	1.14	0.30	0.20
S0609512-059	WRD-19	12-24	8.3	40.8	0.53	2.0	2.85	1.21	0.87	0.32	0.23
S0609512-060	WRD-19	24-37	8.5	40.8	0.55	1.9	2.71	1.11	0.76	0.26	0.19
S0609512-061	WRD-19	37-51	8.4	34.1	0.57	1.2	2.94	1.39	0.59	0.27	0.18

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil

Date Received: 9/28/2006

Date Reported: 11/13/2006

Work Order: S0609512

Lab ID	Sample ID	Depths In.	pH s.u.	Saturation %	Electrical Conductivity dS/m	Organic Matter %	PE Calcium meq/L	PE Magnesium meq/L	PE Potassium meq/L	PE Sodium meq/L	SAR
S0609512-062	WRD-19	51-68	8.5	29.1	0.48	0.8	2.07	1.87	0.22	0.36	0.26
S0609512-063	WRD-19	68-90	8.7	26.0	0.37	0.6	1.11	2.06	0.10	0.37	0.30
S0609512-064	WRD-21	0-8	8.4	30.6	0.46	2.0	2.94	0.74	0.48	0.26	0.19
S0609512-065	WRD-21	8-18	8.1	46.0	0.66	3.2	4.12	1.78	0.20	0.29	0.17
S0609512-066	WRD-21	18-36	8.4	30.5	0.49	1.2	2.64	1.61	0.10	0.33	0.22
S0609512-067	WRD-21	36-50	8.7	28.6	0.48	0.9	2.71	1.62	0.15	0.36	0.24
S0609512-068	WRD-21	50-62	8.7	27.9	0.37	1.0	1.91	1.24	0.12	0.32	0.25
S0609512-069	WRD-21	62-96	8.7	26.7	0.32	0.7	1.34	1.60	0.09	0.30	0.25

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor

Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.
PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil
Date Received: 9/28/2006

Date Reported: 11/13/2006
Work Order: S0609512

Lab ID	Sample ID	Depths In.	PE Alkalinity meq/L	Sand %	Silt %	Clay %	Texture	Very Fine Sand %
S0609512-001	LOF-1	0-6	3.76	25.0	39.0	36.0	Clay Loam	20.1
S0609512-002	LOF-1	6-12	3.45	26.0	38.0	36.0	Clay Loam	24.3
S0609512-003	LOF-1	12-24	2.72	18.0	40.0	42.0	Silty Clay	16.5
S0609512-004	LOF-1	24-42	4.08	13.0	41.0	46.0	Silty Clay	11.3
S0609512-005	LOF-1	42-60	1.67	19.0	39.0	42.0	Clay	17.1
S0609512-006	LOF-3	0-4	5.64	32.0	42.0	26.0	Loam	17.5
S0609512-007	LOF-3	4-11	3.55	24.0	48.0	28.0	Clay Loam	15.9
S0609512-008	LOF-3	11-19	2.51	16.0	50.0	34.0	Silty Clay Loam	14.0
S0609512-009	LOF-3	19-33	3.87	17.0	43.0	40.0	Silty Clay	16.1
S0609512-011	RDV-5	0-5	3.97	38.0	44.0	18.0	Loam	22.6
S0609512-012	RDV-5	5-10	4.08	33.0	47.0	20.0	Loam	18.9
S0609512-013	RDV-5	10-25	2.72	54.0	32.0	14.0	Sandy Loam	19.0
S0609512-014	RDV-5	25-48	4.91	16.0	72.0	12.0	Silt Loam	13.4
S0609512-015	RDV-5	48-60	6.06	31.0	47.0	22.0	Loam	26.6
S0609512-016	RDV-6	0-6	3.97	82.0	12.0	6.0	Loamy Sand	21.0
S0609512-017	RDV-6	6-12	2.51	80.0	14.0	6.0	Loamy Sand	18.5
S0609512-018	RDV-6	12-24	4.18	45.0	37.0	18.0	Loam	17.8
S0609512-019	RDV-6	24-34	2.93	69.0	23.0	8.0	Sandy Loam	35.5
S0609512-020	RDV-6	34-60	5.96	19.0	41.0	40.0	Silty Clay	15.5
S0609512-021	1YR-8	0-8	5.54	36.0	34.0	30.0	Clay Loam	19.7

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil

Date Received: 9/28/2006

Date Reported: 11/13/2006

Work Order: S0609512

Lab ID	Sample ID	Depths In.	PE Alkalinity meq/L	Sand %	Silt %	Clay %	Texture	Very Fine Sand %
S0609512-022	1YR-8	8-14	2.93	38.0	32.0	30.0	Clay Loam	17.2
S0609512-023	1YR-8	14-22	2.30	48.0	30.0	22.0	Loam	19.5
S0609512-024	1YR-8	22-45	3.55	42.0	42.0	16.0	Loam	23.9
S0609512-025	1YR-8	45-65	3.66	79.0	13.0	8.0	Loamy Sand	19.8
S0609512-026	1YR-8	65-85	4.18	80.0	12.0	8.0	Loamy Sand	17.9
S0609512-027	1YR-9A	0-12	6.90	60.0	32.0	8.0	Sandy Loam	26.6
S0609512-028	1YR-9A	12-24	7.94	68.0	22.0	10.0	Sandy Loam	22.2
S0609512-029	1YR-9A	24-42	10.6	68.0	22.0	10.0	Sandy Loam	20.4
S0609512-030	1YR-9A	42-70	5.22	69.0	21.0	10.0	Sandy Loam	26.7
S0609512-031	1YR-9A	70-100	2.82	30.0	31.0	39.0	Clay Loam	27.3
S0609512-032	1YR-11	0-5	3.76	72.0	19.0	9.0	Sandy Loam	19.9
S0609512-033	1YR-11	5-16	3.55	69.0	17.0	14.0	Sandy Loam	20.0
S0609512-034	1YR-11	16-32	3.13	72.0	18.0	10.0	Sandy Loam	16.1
S0609512-035	1YR-11	32-48	2.93	79.0	13.0	8.0	Loamy Sand	17.1
S0609512-036	1YR-11	48-72	2.82	78.0	14.0	8.0	Loamy Sand	18.4
S0609512-037	1YR-11	72-90	2.19	89.0	7.0	4.0	Sand	14.1
S0609512-038	SP-13	0-6	5.64	59.0	23.0	18.0	Sandy Loam	15.8
S0609512-039	SP-13	6-12	3.87	23.0	51.0	26.0	Silt Loam	12.7
S0609512-040	SP-13	12-24	3.87	14.0	44.0	42.0	Silty Clay	9.1
S0609512-041	SP-13	24-48	3.55	22.0	46.0	32.0	Clay Loam	9.5

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil
Date Received: 9/28/2006

Date Reported: 11/13/2006
Work Order: S0609512

Lab ID	Sample ID	Depths In.	PE Alkalinity meq/L	Sand %	Silt %	Clay %	Texture	Very Fine Sand %
S0609512-042	SP-13	48-60	1.67	33.0	39.0	28.0	Clay Loam	13.4
S0609512-043	SP-13	60-72	7.00	62.0	14.0	24.0	Sandy Clay Loam	19.2
S0609512-044	SP-13	72-84	3.03	44.0	36.0	20.0	Loam	18.5
S0609512-045	SP-16	0-8	4.81	19.0	45.0	36.0	Silty Clay Loam	15.1
S0609512-046	SP-16	8-18	3.55	12.0	44.0	44.0	Silty Clay	10.8
S0609512-047	SP-16	18-36	4.18	20.0	52.0	28.0	Clay Loam	16.2
S0609512-048	SP-16	36-56	3.66	14.0	58.0	28.0	Silty Clay Loam	12.4
S0609512-049	SP-16	56-68	4.08	50.0	36.0	14.0	Loam	21.6
S0609512-050	SP-16	68-96	4.81	23.0	49.0	28.0	Clay Loam	17.0
S0609512-051	WRD-18	0-9	5.54	34.0	40.0	26.0	Loam	11.4
S0609512-052	WRD-18	9-19	4.60	50.0	30.0	20.0	Loam	16.2
S0609512-053	WRD-18	19-34	3.13	44.0	38.0	18.0	Loam	21.0
S0609512-054	WRD-18	34-54	2.61	21.0	47.0	32.0	Clay Loam	13.4
S0609512-055	WRD-18	54-72	3.76	22.0	44.0	34.0	Clay Loam	11.8
S0609512-056	WRD-18	72-96	8.99	48.0	32.0	20.0	Loam	21.2
S0609512-057	WRD-19	0-6	6.69	34.0	42.0	24.0	Loam	16.5
S0609512-058	WRD-19	6-12	4.39	32.0	36.0	32.0	Clay Loam	13.1
S0609512-059	WRD-19	12-24	2.51	34.0	36.0	30.0	Clay Loam	15.8
S0609512-060	WRD-19	24-37	3.13	49.0	29.0	22.0	Loam	24.5
S0609512-061	WRD-19	37-51	2.40	60.0	26.0	14.0	Sandy Loam	24.2

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.
PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil
Date Received: 9/28/2006

Date Reported: 11/13/2006
Work Order: S0609512

Lab ID	Sample ID	Depths In.	PE Alkalinity meq/L	Sand %	Silt %	Clay %	Texture	Very Fine Sand %
S0609512-062	WRD-19	51-68	3.45	66.0	22.0	12.0	Sandy Loam	17.5
S0609512-063	WRD-19	68-90	2.93	71.0	19.0	10.0	Sandy Loam	17.6
S0609512-064	WRD-21	0-8	3.76	61.0	11.0	28.0	Sandy Clay Loam	18.6
S0609512-065	WRD-21	8-18	4.08	59.0	11.0	30.0	Sandy Clay Loam	47.0
S0609512-066	WRD-21	18-36	2.72	68.0	18.0	14.0	Sandy Loam	18.2
S0609512-067	WRD-21	36-50	3.34	67.0	25.0	8.0	Sandy Loam	14.2
S0609512-068	WRD-21	50-62	2.51	69.0	23.0	8.0	Sandy Loam	14.8
S0609512-069	WRD-21	62-96	2.51	68.0	20.0	12.0	Sandy Loam	23.7

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.
PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil
Date Received: 9/28/2006

Date Reported: 11/13/2006
Work Order: S0609512

Lab ID	Sample ID	Depths In.	CO3 %	Selenium ppm	Boron ppm	Nitrate (as N) ppm	Phosphorus ppm
S0609512-001	LOF-1	0-6	22.6			1.99	2.86
S0609512-002	LOF-1	6-12	27.1			<0.02	0.18
S0609512-003	LOF-1	12-24	26.6			0.23	0.93
S0609512-004	LOF-1	24-42	27.1			0.34	<0.01
S0609512-005	LOF-1	42-60	28.3			0.21	0.07
S0609512-006	LOF-3	0-4	20.3			10.6	<0.01
S0609512-007	LOF-3	4-11	20.4			1.07	0.90
S0609512-008	LOF-3	11-19	24.2			0.43	0.56
S0609512-009	LOF-3	19-33	27.2			0.32	0.07
S0609512-011	RDV-5	0-5	25.7			6.14	10.4
S0609512-012	RDV-5	5-10	26.4			<0.02	1.82
S0609512-013	RDV-5	10-25	31.1			0.22	16.4
S0609512-014	RDV-5	25-48	28.0			0.16	1.48
S0609512-015	RDV-5	48-60	26.5			0.22	1.62
S0609512-016	RDV-6	0-6	18.4			1.68	9.41
S0609512-017	RDV-6	6-12	20.6			0.24	0.67
S0609512-018	RDV-6	12-24	28.9			<0.02	0.56
S0609512-019	RDV-6	24-34	29.2			0.07	0.56
S0609512-020	RDV-6	34-60	25.9			0.03	<0.01
S0609512-021	1YR-8	0-8	5.1			3.82	10.9

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil
Date Received: 9/28/2006

Date Reported: 11/13/2006
Work Order: S0609512

Lab ID	Sample ID	Depths In.	CO3 %	Selenium ppm	Boron ppm	Nitrate (as N) ppm	Phosphorus ppm
S0609512-022	1YR-8	8-14	16.3			0.05	0.07
S0609512-023	1YR-8	14-22	27.3			0.17	0.21
S0609512-024	1YR-8	22-45	30.8			0.50	2.51
S0609512-025	1YR-8	45-65	19.3			0.27	0.18
S0609512-026	1YR-8	65-85	20.4			0.20	0.10
S0609512-027	1YR-9A	0-12	26.1			4.23	10.0
S0609512-028	1YR-9A	12-24	22.0			0.21	2.02
S0609512-029	1YR-9A	24-42	23.6			0.13	2.22
S0609512-030	1YR-9A	42-70	23.5			0.26	1.88
S0609512-031	1YR-9A	70-100	9.8			0.29	0.82
S0609512-032	1YR-11	0-5	1.4			1.58	8.21
S0609512-033	1YR-11	5-16	4.2			0.13	0.82
S0609512-034	1YR-11	16-32	14.4			0.20	1.53
S0609512-035	1YR-11	32-48	19.6			0.23	0.44
S0609512-036	1YR-11	48-72	21.7			0.12	2.20
S0609512-037	1YR-11	72-90	18.2			0.10	4.93
S0609512-038	SP-13	0-6	19.7			3.78	39.5
S0609512-039	SP-13	6-12	27.9			0.18	3.83
S0609512-040	SP-13	12-24	26.9			0.50	0.70
S0609512-041	SP-13	24-48	32.2			0.46	0.44

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil
Date Received: 9/28/2006

Date Reported: 11/13/2006
Work Order: S0609512

Lab ID	Sample ID	Depths In.	CO3 %	Selenium ppm	Boron ppm	Nitrate (as N) ppm	Phosphorus ppm
S0609512-042	SP-13	48-60	29.2			0.17	<0.01
S0609512-043	SP-13	60-72	20.6			0.23	0.99
S0609512-044	SP-13	72-84	28.7			0.29	0.73
S0609512-045	SP-16	0-8	9.6			1.19	18.3
S0609512-046	SP-16	8-18	24.5			0.21	4.70
S0609512-047	SP-16	18-36	38.8			0.24	6.45
S0609512-048	SP-16	36-56	40.1			0.23	5.10
S0609512-049	SP-16	56-68	28.1			0.30	2.83
S0609512-050	SP-16	68-96	31.0			0.24	1.25
S0609512-051	WRD-18	0-9	23.8	<0.02	0.39	3.96	18.6
S0609512-052	WRD-18	9-19	20.3	<0.02	0.25	0.31	2.89
S0609512-053	WRD-18	19-34	27.5	<0.02	0.18	0.09	5.50
S0609512-054	WRD-18	34-54	29.0	<0.02	0.33	0.50	0.93
S0609512-055	WRD-18	54-72	28.3	<0.02	0.29	0.10	1.19
S0609512-056	WRD-18	72-96	23.1	<0.02	0.19	0.45	0.21
S0609512-057	WRD-19	0-6	20.1			2.77	12.9
S0609512-058	WRD-19	6-12	17.4			1.85	8.32
S0609512-059	WRD-19	12-24	23.5			0.67	1.99
S0609512-060	WRD-19	24-37	24.6			0.35	0.99
S0609512-061	WRD-19	37-51	22.7				1.53

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0609512001

Project: Talon Resources Soil

Date Received: 9/28/2006

Date Reported: 11/13/2006

Work Order: S0609512

Lab ID	Sample ID	Depths In.	CO3 %	Selenium ppm	Boron ppm	Nitrate (as N) ppm	Phosphorus ppm
S0609512-062	WRD-19	51-68	19.7			0.41	1.71
S0609512-063	WRD-19	68-90	19.8			0.18	1.88
S0609512-064	WRD-21	0-8	21.2			2.30	7.11
S0609512-065	WRD-21	8-18	29.8			0.75	0.87
S0609512-066	WRD-21	18-36	20.3			0.26	2.48
S0609512-067	WRD-21	36-50	21.6			0.35	0.79
S0609512-068	WRD-21	50-62	16.8			0.46	2.66
S0609512-069	WRD-21	62-96	20.7			0.17	1.07

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor

Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.
PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil
Date Received: 10/3/2006

Date Reported: 11/14/2006
Work Order: S0610051

Lab ID	Sample ID	Depths In.	pH s.u.	Saturation %	Electrical Conductivity dS/m	Organic Matter %	PE Calcium meq/L	PE Magnesium meq/L	PE Potassium meq/L	PE Sodium meq/L	SAR
S0610051-001	LOF-2	0-7	7.6	43.3	0.47	2.7	4.93	1.26	0.65	0.29	0.16
S0610051-002	LOF-2	7-12	7.7	44.8	0.31	2.4	2.07	0.68	0.19	0.22	0.19
S0610051-003	LOF-2	12-24	7.8	60.2	0.25	1.8	1.29	0.57	0.09	0.59	0.62
S0610051-004	LOF-2	24-48	8.0	67.7	0.32	1.7	0.77	0.53	0.07	1.71	2.12
S0610051-005	LOF-2	48-72	7.8	66.7	7.38	1.1	23.8	24.9	0.50	35.8	7.27
S0610051-006	LOF-2	72-96	7.8	62.9	7.17	1.1	21.6	26.3	0.47	37.9	7.75
S0610051-007	LOF-4	0-5	7.8	52.6	0.62	3.5	4.54	1.04	0.26	0.49	0.29
S0610051-008	LOF-4	5-10	7.7	53.0	0.31	2.8	2.28	0.63	0.08	0.32	0.26
S0610051-009	LOF-4	10-19	7.8	53.9	0.33	2.1	2.00	0.78	0.08	0.71	0.60
S0610051-010	LOF-4	19-31	7.9	53.6	0.29	1.8	1.12	0.52	0.06	1.05	1.16
S0610051-011	LOF-4	31-50	7.8	59.8	4.06	1.1	16.3	12.4	0.51	20.5	5.43
S0610051-012	RDV-7	0-6	7.5	62.9	0.58	4.4	3.93	1.17	0.28	0.20	0.13
S0610051-013	RDV-7	6-12	7.6	57.1	0.36	3.0	2.37	0.78	0.09	0.27	0.22
S0610051-014	RDV-7	12-24	8.0	55.3	0.24	1.8	0.82	0.44	0.04	1.04	1.30
S0610051-015	RDV-7	24-60	8.0	63.8	1.40	1.4	2.65	2.00	0.11	7.90	5.18
S0610051-016	1YR-9	0-6	8.0	63.0	0.62	6.1	2.19	3.21	0.74	0.12	0.07
S0610051-017	1YR-9	6-14	8.2	42.4	0.34	3.4	1.17	1.67	0.30	0.25	0.21
S0610051-018	1YR-9	14-28	8.5	35.7	0.88	0.9	1.16	5.71	0.72	1.06	0.57
S0610051-019	1YR-9	28-48	8.3	31.0	0.76	0.4	1.49	4.64	0.37	1.23	0.70
S0610051-020	1YR-10	0-7	7.8	46.4	0.46	3.9	3.39	0.89	0.30	0.08	0.05

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil

Date Received: 10/3/2006

Date Reported: 11/14/2006

Work Order: S0610051

Lab ID	Sample ID	Depths In.	pH s.u.	Saturation %	Electrical Conductivity dS/m	Organic Matter %	PE Calcium meq/L	PE Magnesium meq/L	PE Potassium meq/L	PE Sodium meq/L	SAR
S0610051-021	1YR-10	7-13	7.7	44.4	0.40	2.4	2.58	0.80	0.24	0.08	0.06
S0610051-022	1YR-10	13-26	7.9	41.7	0.34	1.6	2.00	0.95	0.21	0.09	0.07
S0610051-023	1YR-10	26-44	8.3	45.4	0.36	1.0	0.83	2.50	0.08	0.20	0.16
S0610051-024	1YR-10	44-68	8.5	46.0	0.34	0.5	0.71	2.07	0.05	0.58	0.49
S0610051-025	1YR-10	68-84	8.4	28.0	0.46	0.2	0.77	2.96	0.05	0.66	0.48
S0610051-026	1YR-12	0-5	7.8	46.8	0.38	2.3	2.66	0.91	0.20	0.17	0.13
S0610051-027	1YR-12	5-10	7.8	50.6	0.29	1.9	1.79	0.69	0.08	0.66	0.59
S0610051-028	1YR-12	10-26	8.4	58.6	0.21	0.7	0.50	0.24	0.04	1.34	2.20
S0610051-029	1YR-12	26-44	8.3	93.0	0.86	0.7	0.91	0.57	0.08	5.89	6.84
S0610051-030	SP-14	0-6	8.7	58.6	0.54	4.0	2.34	2.42	0.35	0.22	0.14
S0610051-031	SP-14	6-13	7.8	62.4	0.36	2.1	1.08	2.05	0.17	0.27	0.22
S0610051-032	SP-14	13-28	8.1	50.7	0.53	0.7	0.41	3.76	0.14	0.70	0.49
S0610051-033	SP-14	28-48	8.7	43.7	0.77	0.4	0.49	5.04	0.10	2.24	1.35
S0610051-034	SP-14	48-70	8.8	41.7	0.80	0.4	0.54	4.79	0.11	2.61	1.60
S0610051-035	WRD-23	62-80	8.1	43.9	0.44	0.8	1.61	1.95	0.14	0.64	0.48
S0610051-036	DAH-24	0-5	7.6	73.6	0.26	1.3	1.25	0.58	0.09	0.50	0.53
S0610051-037	DAH-24	5-17	7.7	84.1	0.43	1.2	1.62	0.65	0.09	1.40	1.32
S0610051-038	DAH-24	17-32	8.1	91.2	7.79	0.9	18.7	30.7	0.54	49.9	10.0
S0610051-040	DAH-25	0-5	6.4	58.5	0.21	3.3	0.98	0.62	0.08	0.49	0.55
S0610051-041	DAH-25	5-13	7.0	80.6	0.33	2.4	1.90	0.68	0.13	0.23	0.21

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor

Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil

Date Received: 10/3/2006

Date Reported: 11/14/2006

Work Order: S0610051

Lab ID	Sample ID	Depths In.	pH s.u.	Saturation %	Electrical Conductivity dS/m	Organic Matter %	PE Calcium meq/L	PE Magnesium meq/L	PE Potassium meq/L	PE Sodium meq/L	SAR
S0610051-042	DAH-25	13-20	7.2	73.5	0.28	2.1	1.44	0.44	0.12	0.22	0.23
S0610051-043	DAH-25	20-32	7.7	54.1	0.26	1.2	1.34	0.52	0.09	0.25	0.25
S0610051-045	SP-14	70-90	8.5	55.0	0.89	0.6	0.74	3.87	0.11	1.94	1.28
S0610051-046	SP-15	0-8	8.0	46.5	0.54	3.5	2.01	2.43	0.41	0.12	0.08
S0610051-047	SP-15	8-20	8.5	35.2	0.50	0.8	0.70	3.80	0.31	0.17	0.11
S0610051-048	SP-15	20-37	8.7	30.7	0.78	0.5	0.64	5.91	0.21	1.30	0.72
S0610051-049	SP-15	37-58	8.6	36.9	1.56	0.4	0.90	12.0	0.18	4.60	1.81
S0610051-050	SP-15	58-73	8.4	27.2	3.35	0.1	2.52	33.5	0.26	8.14	1.92
S0610051-051	SP-15	73-96	8.3	30.2	1.77	0.3	1.70	12.4	0.19	3.30	1.24
S0610051-052	WRD-17	0-9	7.8	49.8	0.43	4.6	1.74	1.11	0.51	0.14	0.11
S0610051-053	WRD-17	9-18	8.0	39.6	0.24	2.0	1.14	0.63	0.23	0.16	0.17
S0610051-054	WRD-17	18-30	8.0	38.5	0.32	1.6	0.99	0.69	0.15	0.10	0.11
S0610051-055	WRD-17	30-45	8.1	39.3	0.28	0.8	0.59	0.56	0.05	0.10	0.13
S0610051-056	WRD-17	45-60	8.2	40.0	0.34	0.8	1.17	1.64	0.07	0.26	0.22
S0610051-057	WRD-17	60-80	8.0	61.3	0.82	1.1	2.86	4.00	0.14	0.69	0.37
S0610051-058	WRD-18A	0-7	7.7	46.0	0.61	3.9	3.08	1.36	0.59	0.15	0.10
S0610051-059	WRD-18A	7-15	8.0	43.4	0.33	2.1	1.45	1.00	0.28	0.13	0.12
S0610051-060	WRD-18A	15-30	8.1	31.1	0.51	0.7	1.97	2.13	0.09	0.41	0.29
S0610051-061	WRD-18A	30-45	8.0	52.4	0.67	1.5	2.66	3.06	0.12	0.51	0.30
S0610051-062	WRD-18A	45-60	7.9	36.1	0.44	0.7	1.67	1.63	0.06	0.47	0.36

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil

Date Received: 10/3/2006

Date Reported: 11/14/2006

Work Order: S0610051

Lab ID	Sample ID	Depths In.	pH s.u.	Saturation %	Electrical Conductivity dS/m	Organic Matter %	PE Calcium meq/L	PE Magnesium meq/L	PE Potassium meq/L	PE Sodium meq/L	SAR
S0610051-063	WRD-20	0-6	7.9	53.3	0.57	6.6	2.75	1.83	0.58	0.12	0.08
S0610051-064	WRD-20	6-13	7.8	47.6	0.56	2.4	2.47	1.47	0.67	0.14	0.10
S0610051-065	WRD-20	13-28	8.1	24.1	0.27	0.6	1.22	0.63	0.32	0.13	0.14
S0610051-066	WRD-20	28-54	8.0	25.4	0.32	0.2	1.40	0.76	0.42	0.07	0.07
S0610051-067	WRD-20	54-72	8.1	38.5	0.27	1.1	1.18	0.87	0.21	0.24	0.23
S0610051-068	WRD-22	0-6	7.7	36.6	0.40	1.8	2.16	0.88	0.35	0.08	0.07
S0610051-069	WRD-22	6-15	7.7	48.0	0.34	3.7	1.85	0.83	0.19	0.16	0.13
S0610051-070	WRD-22	15-28	8.0	34.9	0.29	1.2	1.64	0.80	0.18	0.13	0.11
S0610051-071	WRD-22	28-48	8.0	28.0	0.25	0.8	1.18	0.64	0.16	0.13	0.14
S0610051-072	WRD-22	48-60	8.0	30.1	0.27	1.0	1.34	0.67	0.16	0.10	0.10
S0610051-073	WRD-22	60-84	8.2	27.3	0.30	0.5	1.08	0.96	0.25	0.09	0.09
S0610051-074	WRD-23	0-6	7.7	48.4	0.60	4.9	3.20	1.35	0.53	0.07	0.05
S0610051-075	WRD-23	6-12	7.9	44.6	0.38	2.9	1.97	0.91	0.30	0.15	0.13
S0610051-076	WRD-23	12-22	7.9	41.0	0.35	1.8	1.76	0.92	0.16	0.14	0.12
S0610051-077	WRD-23	22-40	8.0	33.2	0.24	0.7	1.12	0.77	0.06	0.15	0.16
S0610051-078	WRD-23	40-62	8.2	38.6	0.23	0.6	1.01	0.94	0.06	0.24	0.24
S0610051-079	WRD-20	72-96	8.2	28.3	0.32	0.3	0.97	1.23	0.28	0.16	0.16

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate

Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential

Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor

Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.
PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil
Date Received: 10/3/2006

Date Reported: 11/14/2006
Work Order: S0610051

Lab ID	Sample ID	Depths In.	PE Alkalinity meq/L	Sand %	Silt %	Clay %	Texture	Very Fine Sand %
S0610051-001	LOF-2	0-7	3.13	32.0	37.0	31.0	Clay Loam	14.9
S0610051-002	LOF-2	7-12	2.19	34.0	34.0	32.0	Clay Loam	22.3
S0610051-003	LOF-2	12-24	2.19	14.0	40.0	46.0	Silty Clay	12.4
S0610051-004	LOF-2	24-48	1.88	22.0	37.0	41.0	Clay	20.2
S0610051-005	LOF-2	48-72	1.25	14.0	43.0	43.0	Silty Clay	11.3
S0610051-006	LOF-2	72-96	0.94	18.0	35.0	47.0	Clay	13.0
S0610051-007	LOF-4	0-5	3.03	12.0	46.0	42.0	Silty Clay	9.1
S0610051-008	LOF-4	5-10	2.72	14.0	46.0	40.0	Silty Clay	11.0
S0610051-009	LOF-4	10-19	2.40	12.0	43.0	45.0	Silty Clay	10.5
S0610051-010	LOF-4	19-31	1.88	13.0	43.0	44.0	Silty Clay	11.3
S0610051-011	LOF-4	31-50	1.46	19.0	39.0	42.0	Clay	16.3
S0610051-012	RDV-7	0-6	3.76	26.0	38.0	36.0	Clay Loam	20.4
S0610051-013	RDV-7	6-12	2.82	18.0	38.0	44.0	Clay	11.9
S0610051-014	RDV-7	12-24	2.09	16.0	37.0	47.0	Clay	13.6
S0610051-015	RDV-7	24-60	1.78	22.0	34.0	44.0	Clay	20.8
S0610051-016	1YR-9	0-6	4.49	44.0	32.0	24.0	Loam	14.5
S0610051-017	1YR-9	6-14	2.30	52.0	25.0	23.0	Sandy Clay Loam	18.1
S0610051-018	1YR-9	14-28	3.03	64.0	22.0	14.0	Sandy Loam	9.7
S0610051-019	1YR-9	28-48	2.40	54.0	30.0	16.0	Sandy Loam	16.0
S0610051-020	1YR-10	0-7	4.18	36.0	38.0	26.0	Loam	17.9

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.
PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil
Date Received: 10/3/2006

Date Reported: 11/14/2006
Work Order: S0610051

Lab ID	Sample ID	Depths In.	PE Alkalinity meq/L	Sand %	Silt %	Clay %	Texture	Very Fine Sand %
S0610051-021	1YR-10	7-13	3.13	26.0	48.0	26.0	Loam	12.3
S0610051-022	1YR-10	13-26	3.03	14.0	52.0	34.0	Silty Clay Loam	9.4
S0610051-023	1YR-10	26-44	3.55	30.0	36.0	34.0	Clay Loam	29.1
S0610051-024	1YR-10	44-68	2.51	14.0	54.0	32.0	Silty Clay Loam	7.0
S0610051-025	1YR-10	68-84	2.93	60.0	30.0	10.0	Sandy Loam	24.5
S0610051-026	1YR-12	0-5	3.03	32.0	40.0	28.0	Clay Loam	28.9
S0610051-027	1YR-12	5-10	2.51	29.0	39.0	32.0	Clay Loam	22.2
S0610051-028	1YR-12	10-26	1.99	16.0	40.0	44.0	Silty Clay	13.8
S0610051-029	1YR-12	26-44	1.67	46.0	19.0	35.0	Sandy Clay	45.0
S0610051-030	SP-14	0-6	4.81	8.0	48.0	44.0	Silty Clay	5.3
S0610051-031	SP-14	6-13	2.61	8.0	48.0	44.0	Silty Clay	5.7
S0610051-032	SP-14	13-28	4.28	23.0	50.0	27.0	Clay Loam	21.4
S0610051-033	SP-14	28-48	3.55	40.0	43.0	17.0	Loam	33.6
S0610051-034	SP-14	48-70	5.12	21.0	40.0	39.0	Clay Loam	5.6
S0610051-035	WRD-23	62-80	2.09	18.0	41.0	41.0	Silty Clay	14.0
S0610051-036	DAH-24	0-5	1.57	34.0	19.0	47.0	Clay	33.0
S0610051-037	DAH-24	5-17	1.88	42.0	14.0	44.0	Clay	41.4
S0610051-038	DAH-24	17-32	1.88	38.0	17.0	45.0	Clay	36.5
S0610051-040	DAH-25	0-5	0.52	32.0	28.0	40.0	Clay	21.1
S0610051-041	DAH-25	5-13	1.36	30.0	23.0	47.0	Clay	21.6

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil
Date Received: 10/3/2006

Date Reported: 11/14/2006
Work Order: S0610051

Lab ID	Sample ID	Depths In.	PE Alkalinity meq/L	Sand %	Silt %	Clay %	Texture	Very Fine Sand %
S0610051-042	DAH-25	13-20	1.88	30.0	24.0	46.0	Clay	20.7
S0610051-043	DAH-25	20-32	1.88	48.0	19.0	33.0	Sandy Clay Loam	37.6
S0610051-045	SP-14	70-90	2.61	21.0	47.0	32.0	Clay Loam	17.7
S0610051-046	SP-15	0-8	4.70	52.0	32.0	16.0	Sandy Loam	24.2
S0610051-047	SP-15	8-20	4.60	50.0	32.0	18.0	Loam	24.3
S0610051-048	SP-15	20-37	4.08	51.0	34.0	15.0	Loam	23.7
S0610051-049	SP-15	37-58	3.03	39.0	43.0	18.0	Loam	22.7
S0610051-050	SP-15	58-73	1.99	74.0	18.0	8.0	Sandy Loam	19.2
S0610051-051	SP-15	73-96	2.82	52.0	34.0	14.0	Sandy Loam	25.3
S0610051-052	WRD-17	0-9	3.34	22.0	42.0	36.0	Clay Loam	11.0
S0610051-053	WRD-17	9-18	1.78	34.0	34.0	32.0	Clay Loam	16.6
S0610051-054	WRD-17	18-30	2.61	44.0	34.0	22.0	Loam	17.3
S0610051-055	WRD-17	30-45	2.40	36.0	37.0	27.0	Clay Loam	17.5
S0610051-056	WRD-17	45-60	2.19	24.0	44.0	32.0	Clay Loam	14.8
S0610051-057	WRD-17	60-80	1.88	18.0	40.0	42.0	Silty Clay	17.0
S0610051-058	WRD-18A	0-7	3.97	41.0	33.0	26.0	Loam	18.3
S0610051-059	WRD-18A	7-15	2.30	43.0	33.0	24.0	Loam	20.0
S0610051-060	WRD-18A	15-30	2.30	60.0	23.0	17.0	Sandy Loam	17.6
S0610051-061	WRD-18A	30-45	1.88	24.0	41.0	35.0	Clay Loam	13.8
S0610051-062	WRD-18A	45-60	2.09	57.0	23.0	20.0	Sandy Clay Loam	18.4

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil

Date Received: 10/3/2006

Date Reported: 11/14/2006

Work Order: S0610051

Lab ID	Sample ID	Depths In.	PE Alkalinity meq/L	Sand %	Silt %	Clay %	Texture	Very Fine Sand %
S0610051-063	WRD-20	0-6	4.49	39.0	37.0	24.0	Loam	15.4
S0610051-064	WRD-20	6-13	3.13	41.0	29.0	30.0	Clay Loam	17.7
S0610051-065	WRD-20	13-28	2.30	69.0	21.0	10.0	Sandy Loam	18.6
S0610051-066	WRD-20	28-54	2.72	79.0	14.0	7.0	Loamy Sand	15.8
S0610051-067	WRD-20	54-72	2.51	45.0	29.0	26.0	Loam	13.9
S0610051-068	WRD-22	0-6	3.13	63.0	23.0	14.0	Sandy Loam	25.0
S0610051-069	WRD-22	6-15	2.72	19.0	42.0	39.0	Silty Clay Loam	7.0
S0610051-070	WRD-22	15-28	2.72	47.0	27.0	26.0	Sandy Clay Loam	5.6
S0610051-071	WRD-22	28-48	2.30	65.0	21.0	14.0	Sandy Loam	13.7
S0610051-072	WRD-22	48-60	2.30	65.0	21.0	14.0	Sandy Loam	14.5
S0610051-073	WRD-22	60-84	2.51	74.0	18.0	8.0	Sandy Loam	21.8
S0610051-074	WRD-23	0-6	4.60	31.0	38.0	31.0	Clay Loam	12.5
S0610051-075	WRD-23	6-12	3.34	36.0	33.0	31.0	Clay Loam	14.7
S0610051-076	WRD-23	12-22	3.24	38.0	34.0	28.0	Clay Loam	12.5
S0610051-077	WRD-23	22-40	2.30	51.0	30.0	19.0	Loam	17.2
S0610051-078	WRD-23	40-62	1.99	31.0	44.0	25.0	Loam	20.0
S0610051-079	WRD-20	72-96	2.51	82.0	13.0	5.0	Loamy Sand	17.6

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.
PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil
Date Received: 10/3/2006

Date Reported: 11/14/2006
Work Order: S0610051

Lab ID	Sample ID	Depths In.	CO3 %	Selenium ppm	Boron ppm	Nitrate (as N) ppm	Phosphorus ppm
S0610051-001	LOF-2	0-7	18.6	<0.02	0.27	1.58	9.55
S0610051-002	LOF-2	7-12	20.1	<0.02	0.24	0.55	0.40
S0610051-003	LOF-2	12-24	26.7	<0.02	0.30	0.31	<0.01
S0610051-004	LOF-2	24-48	26.9	<0.02	0.45	0.88	0.04
S0610051-005	LOF-2	48-72	27.5	0.09	1.08	1.07	0.40
S0610051-006	LOF-2	72-96	21.0	0.12	0.61	13.1	0.76
S0610051-007	LOF-4	0-5	22.5			4.16	0.79
S0610051-008	LOF-4	5-10	24.4			0.66	9.76
S0610051-009	LOF-4	10-19	25.3			0.53	0.64
S0610051-010	LOF-4	19-31	25.3			0.40	0.67
S0610051-011	LOF-4	31-50	27.6			1.06	0.43
S0610051-012	RDV-7	0-6	10.6			2.19	12.5
S0610051-013	RDV-7	6-12	13.2			0.28	7.78
S0610051-014	RDV-7	12-24	21.2			0.40	0.73
S0610051-015	RDV-7	24-60	23.4			0.30	0.46
S0610051-016	1YR-9	0-6	18.6			1.73	1.44
S0610051-017	1YR-9	6-14	15.3			0.91	<0.01
S0610051-018	1YR-9	14-28	21.2			0.50	<0.01
S0610051-019	1YR-9	28-48	26.4			0.48	<0.01
S0610051-020	1YR-10	0-7	19.2	<0.02	0.29	3.15	7.45

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil
Date Received: 10/3/2006

Date Reported: 11/14/2006
Work Order: S0610051

Lab ID	Sample ID	Depths In.	CO3 %	Selenium ppm	Boron ppm	Nitrate (as N) ppm	Phosphorus ppm
S0610051-021	1YR-10	7-13	13.9	<0.02	0.31	0.46	0.67
S0610051-022	1YR-10	13-26	27.8	<0.02	0.20	0.44	0.37
S0610051-023	1YR-10	26-44	35.5	<0.02	0.37	0.15	<0.01
S0610051-024	1YR-10	44-68	34.4	<0.02	0.24	0.19	<0.01
S0610051-025	1YR-10	68-84	26.4	<0.02	0.07	0.32	0.67
S0610051-026	1YR-12	0-5	0.1			0.87	7.33
S0610051-027	1YR-12	5-10	9.3			0.67	0.22
S0610051-028	1YR-12	10-26	18.8			0.94	<0.01
S0610051-029	1YR-12	26-44	11.9			0.20	<0.01
S0610051-030	SP-14	0-6	7.5			0.38	8.92
S0610051-031	SP-14	6-13	19.9			0.58	2.94
S0610051-032	SP-14	13-28	44.0			0.17	4.40
S0610051-033	SP-14	28-48	39.3			0.21	2.67
S0610051-034	SP-14	48-70	30.9			0.41	3.54
S0610051-035	WRD-23	62-80	30.4			0.35	1.65
S0610051-036	DAH-24	0-5	2.9	<0.02	0.23	4.14	2.25
S0610051-037	DAH-24	5-17	8.7	<0.02	0.42	0.19	0.16
S0610051-038	DAH-24	17-32	5.0	<0.02	0.73	0.09	<0.01
S0610051-040	DAH-25	0-5	1.7			3.85	6.80
S0610051-041	DAH-25	5-13	30.3			0.20	0.19

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.
PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil
Date Received: 10/3/2006

Date Reported: 11/14/2006
Work Order: S0610051

Lab ID	Sample ID	Depths In.	CO3 %	Selenium ppm	Boron ppm	Nitrate (as N) ppm	Phosphorus ppm
S0610051-042	DAH-25	13-20	39.4			0.29	1.32
S0610051-043	DAH-25	20-32	3.8			0.15	0.43
S0610051-045	SP-14	70-90	31.5			0.64	0.31
S0610051-046	SP-15	0-8	10.8			0.68	4.82
S0610051-047	SP-15	8-20	27.6			0.16	1.80
S0610051-048	SP-15	20-37	31.9			0.58	1.56
S0610051-049	SP-15	37-58	33.4			0.32	1.20
S0610051-050	SP-15	58-73	26.3			0.36	0.82
S0610051-051	SP-15	73-96	28.1			0.54	<0.01
S0610051-052	WRD-17	0-9	25.4			1.09	8.05
S0610051-053	WRD-17	9-18	25.3			0.28	1.26
S0610051-054	WRD-17	18-30	25.3			0.85	2.49
S0610051-055	WRD-17	30-45	29.5			0.10	2.82
S0610051-056	WRD-17	45-60	33.5			0.11	0.13
S0610051-057	WRD-17	60-80	33.0			0.59	0.70
S0610051-058	WRD-18A	0-7	20.2			0.57	1.95
S0610051-059	WRD-18A	7-15	24.7			0.68	0.61
S0610051-060	WRD-18A	15-30	28.2			0.08	2.43
S0610051-061	WRD-18A	30-45	29.3			0.13	0.34
S0610051-062	WRD-18A	45-60	25.8			0.16	<0.01

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor

Inter-Mountain Labs
1673 Terra Avenue, Sheridan, Wyoming 82801 ph: (307) 672-8945

Your Enviromental Monitoring Partner

Soil Analysis Report

Talon Resources, Inc.

PO Box 1230
Huntington, UT 84528

Report ID: S0610051001

Project: Talon Resources Soil
Date Received: 10/3/2006

Date Reported: 11/14/2006
Work Order: S0610051

Lab ID	Sample ID	Depths In.	CO3 %	Selenium ppm	Boron ppm	Nitrate (as N) ppm	Phosphorus ppm
S0610051-063	WRD-20	0-6	18.4			0.19	0.94
S0610051-064	WRD-20	6-13	20.8			0.12	1.62
S0610051-065	WRD-20	13-28	25.4			0.07	0.37
S0610051-066	WRD-20	28-54	21.7			0.03	0.94
S0610051-067	WRD-20	54-72	24.3			0.53	1.23
S0610051-068	WRD-22	0-6	20.2			1.94	4.52
S0610051-069	WRD-22	6-15	23.8			0.76	9.01
S0610051-070	WRD-22	15-28	18.9			0.80	0.31
S0610051-071	WRD-22	28-48	17.9			0.29	0.13
S0610051-072	WRD-22	48-60	17.5			0.35	0.07
S0610051-073	WRD-22	60-84	21.0			0.57	0.28
S0610051-074	WRD-23	0-6	21.4			1.43	8.26
S0610051-075	WRD-23	6-12	23.6			0.31	1.74
S0610051-076	WRD-23	12-22	25.6			0.29	1.09
S0610051-077	WRD-23	22-40	29.8			0.21	1.03
S0610051-078	WRD-23	40-62	35.3			0.89	0.28
S0610051-079	WRD-20	72-96	16.5			0.29	0.28

These results apply only to the samples tested.

Abbreviations for extractants: PE= Saturated Paste Extract, H20Sol= water soluble,AB-DTPA= Ammonium Bicarbonate-DTPA, AAO= Acid Ammonium Oxalate
Abbreviations used in acid base accounting: T.S.= Total Sulfur, AB= Acid Base, ABP= Acid Base Potential, PyrS= Pyritic Sulfur, Pyr+Org= Pyritic Sulfur + Organic Sulfur, Neutral. Pot.= Neutralization Potential
Miscellaneous Abbreviations: SAR= Sodium Adsorption Ratio, CEC= Cation Exchange Capacity, ESP= Exchangeable Sodium Percentage

Reviewed by: Karen A Secor
Karen Secor, Soil Lab Supervisor