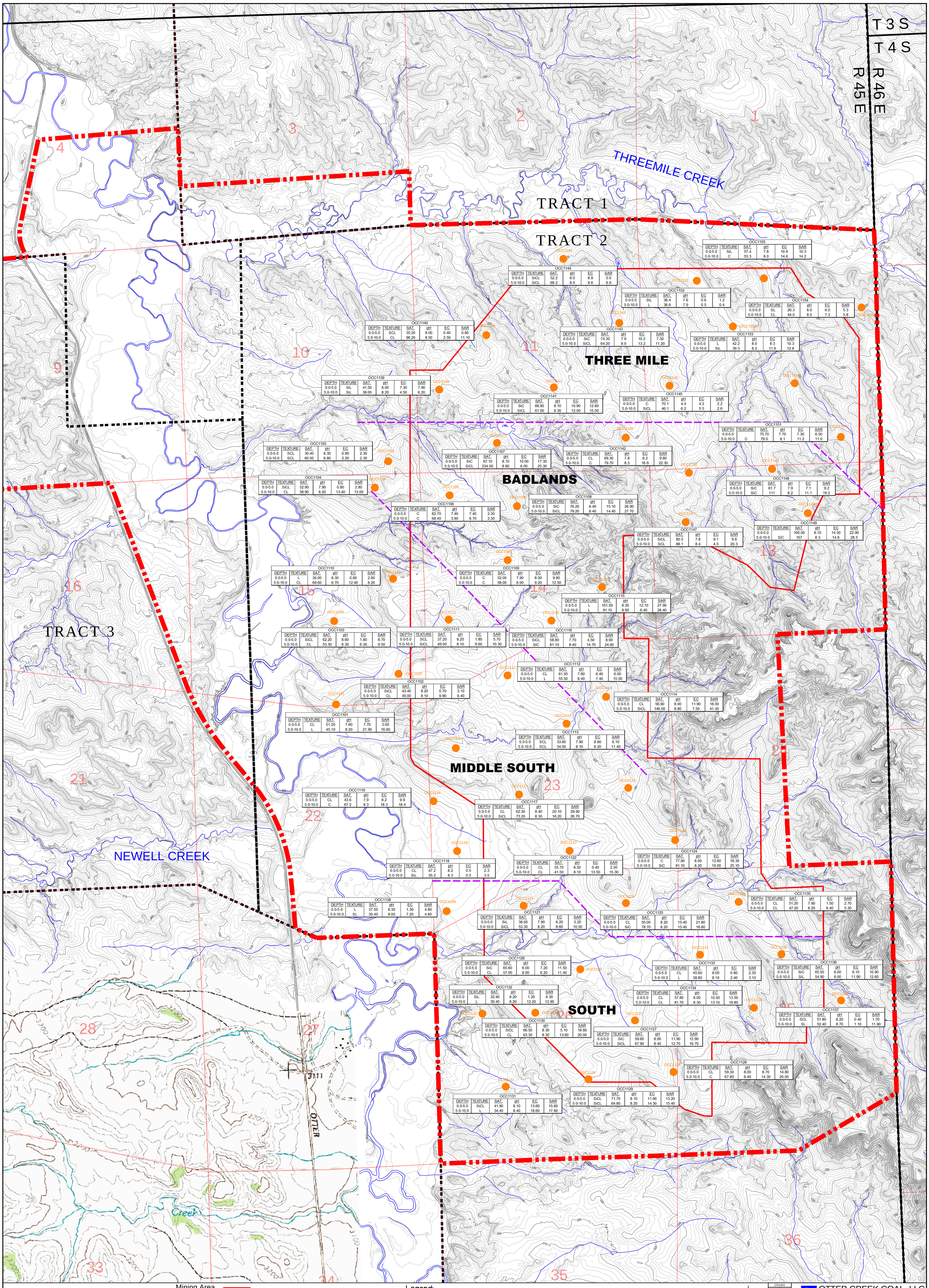


OCC1155					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiL	57.4	7.8	10.9	10.3
5.0-10.0	C	53.3	8.0	14.6	14.2

OCC1144					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiCL	52.2	8.0	8.9	5.0
5.0-10.0	SiCL	68.2	8.0	8.6	6.9

OCC1152					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiL	38.4	7.6	0.6	1.2
5.0-10.0	L	36.6	7.9	0.5	0.4

OCC1154					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SL	26.3	8.0	6.0	5.3
5.0-10.0	CL	44.0	8.0	7.3	5.8

OCC1140					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SCL	35.20	8.00	0.40	0.80
5.0-10.0	CL	96.20	8.50	2.50	11.10

OCC1143					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiC	74.30	7.9	10.2	7.30
5.0-10.0	SiCL	64.20	8.0	13.2	11.20

OCC1153					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	L	42.2	8.0	8.3	10.3
5.0-10.0	SiL	39.3	8.2	11.6	12.8

OCC1139					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiL	41.50	8.00	7.30	7.90
5.0-10.0	SiL	38.00	8.20	4.50	6.20

OCC1141					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiC	68.80	8.10	10.90	12.60
5.0-10.0	SiCL	61.00	8.30	12.50	15.50

OCC1145					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	C	70.1	4.4	4.2	2.2
5.0-10.0	SiCL	46.1	6.2	5.5	2.6

OCC1151					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0		75.70	7.70	7.30	6.50
5.0-10.0	C	79.0	8.1	11.2	11.0

OCC1105					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SCL	30.40	8.30	0.90	2.30
5.0-10.0	SCL	60.50	8.80	2.20	2.30

OCC1107					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiC	67.10	8.10	10.00	17.30
5.0-10.0	SiCL	234.00	8.80	6.00	25.30

OCC1142					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	69.30	7.8	8.2	9.80
5.0-10.0	C	79.70	8.3	16.9	22.30

OCC1104					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiCL	52.90	7.90	0.80	2.80
5.0-10.0	CL	58.90	8.20	13.40	13.00

OCC1148					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiC	61.7	7.9	7.1	9.2
5.0-10.0	SiC	111	8.2	11.1	19.2

OCC1106					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	C	82.70	7.40	7.40	2.30
5.0-10.0	C	68.40	3.90	8.70	2.30

OCC1108					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiC	76.20	8.40	15.10	26.90
5.0-10.0	SiCL	79.20	8.40	14.40	27.70

OCC1147					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiCL	80.5	7.8	9.1	9.8
5.0-10.0	SCL	88.1	8.4	4.5	20.3

OCC1149					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0		100.00	8.10	14.50	22.90
5.0-10.0	SiC	107	8.3	14.8	28.5

OCC1110					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	L	30.00	8.30	0.60	2.60
5.0-10.0	CL	69.60	6.70	12.40	8.20

OCC1109					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	C	52.00	7.90	8.00	9.80
5.0-10.0	C	58.00	6.00	9.20	12.50

OCC1115					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	L	101.00	8.30	12.10	27.90
5.0-10.0	L	91.10	8.60	6.40	28.40

OCC1103					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiCL	62.20	8.60	1.80	8.70
5.0-10.0	CL	53.30	8.30	6.30	9.50

OCC1111					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SCL	37.20	8.20	1.80	5.70
5.0-10.0	SiCL	49.00	8.10	9.60	10.30

OCC1116					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiCL	58.80	7.70	4.50	8.90
5.0-10.0	SiC	81.10	8.40	14.70	24.60

OCC1112					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	61.50	7.60	6.40	6.00
5.0-10.0	L	55.50	8.40	7.40	15.50

OCC1102					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiCL	43.40	8.20	0.70	3.10
5.0-10.0	CL	45.00	8.10	9.90	6.40

OCC1114					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	56.90	8.00	11.90	18.00
5.0-10.0	SiCL	146.00	8.80	7.50	41.30

OCC1101					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	51.20	7.80	7.70	3.00
5.0-10.0	L	45.10	8.20	21.90	16.60

OCC1113					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SCL	33.60	7.90	8.80	6.10
5.0-10.0	SCL	34.00	8.10	6.20	11.40

OCC1119					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	43.6	7.9	8.2	9.9
5.0-10.0	C	67.2	8.3	18.3	18.4

OCC1117					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	62.30	8.40	20.10	29.90
5.0-10.0	SiCL	73.20	8.30	16.20	26.70

OCC1124					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	C	77.90	8.00	12.60	18.30
5.0-10.0	SiC	91.10	8.20	16.00	25.10

OCC1118					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	47.2	8.2	0.5	2.3
5.0-10.0	SiL	35.2	8.3	0.5	3.5

OCC1122					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	35.70	8.30	0.40	2.30
5.0-10.0	CL	41.50	8.10	13.50	15.30

OCC1135					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	51.20	7.90	1.50	2.70
5.0-10.0	CL	47.20	8.20	8.40	5.30

OCC1138					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	L	37.50	8.30	1.30	4.80
5.0-10.0	SL	30.40	8.00	7.20	4.80

OCC1121					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiL	38.00	7.90	6.20	5.20
5.0-10.0	SiCL	53.30	8.20	8.60	10.50

OCC1125					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	55.00	8.20	15.40	21.80
5.0-10.0	SiC	78.70	8.20	15.40	18.60

OCC1126					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiC	65.60	8.00	7.20	11.50
5.0-10.0	CL	57.00	8.00	6.20	11.40

OCC1133					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	45.60	8.00	0.80	2.30
5.0-10.0	L	38.80	8.10	2.40	3.10

OCC1136					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiC	65.50	8.00	9.10	10.90
5.0-10.0	SiL	54.90	8.00	11.90	12.60

OCC1132					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiL	32.40	8.20	1.20	6.30
5.0-10.0	L	30.40	8.20	12.20	13.90

OCC1134					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	57.80	8.00	10.50	13.50
5.0-10.0	CL	81.70	8.30	13.10	19.80

OCC1137					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SCL	51.80	8.20	0.40	1.70
5.0-10.0	SL	52.40	8.70	1.10	11.90

OCC1130					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiCL	66.50	8.30	5.10	18.80
5.0-10.0	CL	63.30	8.30	13.60	20.00

OCC1127					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiC	59.60	8.00	11.90	12.90
5.0-10.0	SiCL	67.90	8.40	12.70	16.70

OCC1128					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	CL	59.30	8.00	8.70	14.80
5.0-10.0	C	67.80	8.40	14.30	20.00

OCC1129					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiCL	71.70	8.10	11.90	13.20
5.0-10.0	SiCL	64.80	8.20	14.30	15.40

OCC1131					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiCL	41.90	8.10	13.60	15.60
5.0-10.0	L	34.40	8.40	18.60	17.80

Legend:

- Mining Area
- Mine Permit Boundary
- Tract Boundary
- Township Lines
- Section Lines
- Pre Mine Contour Major (25 feet)
- Pre Mine Contour Minor (5 feet)
- Pre Mine Drainageways
- Paved Road
- USGS Contour Interval 20'
- Stream
- Borehole Location OCC1155

Saturation Percentage

Textures:
L = Loam
CL = Clay Loam
SiCL = Silty Clay Loam

pH (S.U)

Electrical Conductance (mmhos/cm)

Sodium Adsorption Ratio (unitless)

OCC1131					
DEPTH	TEXTURE	SAT.	pH	EC	SAR
0.0-5.0	SiCL	209.50	40.50	68.00	78.00
5.0-10.0	L	172.00	42.00	93.00	89.00

Hydrometrics, Inc.
Consulting Scientists and Engineers

Inside Tracts: Olympus October 26, 2010 Aerial Survey
Outside Tracts: USGS QUADS: Willow Crossing, Coleman Draw, King Mountain, & Yager Butte

SCALE 0 Feet 600
1"=600'
Montana State Plane NAD83 US Feet

DRAWN	
DATE	BY
5/31/13	jdb
REVISED	
DATE	BY
APPROVED	
DATE	BY

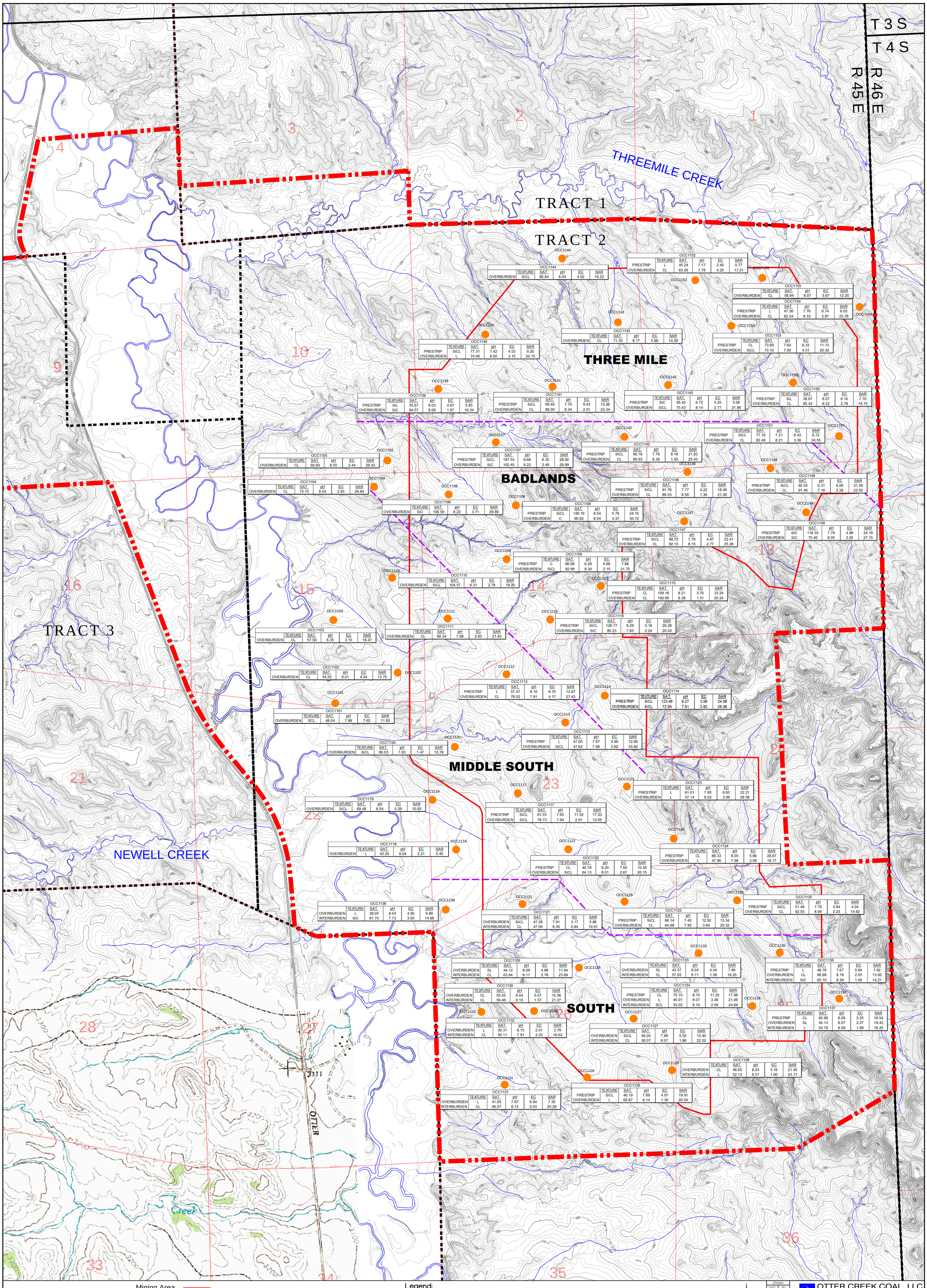
OTTER CREEK COAL, LLC
P.O. BOX 7152 Billings, Mt. 59103

Otter Creek Mine
Permit ID: C2012018

304H Overburden Baseline Report

Near Surface Soil Quality

FILE NAME: PLATE1_NEAR_SURFACE_SOIL_QUALITY_R1_201408.DWG
LAYOUT: PLATE 1
Path: H:\LAND PROJECTS\OTROR\DWG\304H



OCC1144	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	SiCL	80.84	8.04	4.02	16.23

OCC1152	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	L	45.24	7.17	2.40	0.77
OVERBURDEN	CL	63.26	7.78	4.25	17.31

OCC1155	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	CL	58.94	8.07	3.67	12.20

OCC1154	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	L	47.36	7.76	6.74	6.03
OVERBURDEN	CL	82.54	8.33	2.87	25.76

OCC1143	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	CL	71.35	8.17	5.86	14.29

OCC1153	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	CL	73.69	7.64	6.33	11.13
OVERBURDEN	SiCL	73.10	7.90	4.51	20.32

OCC1140	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	77.31	7.42	4.53	9.20
OVERBURDEN	L	74.06	8.00	3.15	20.15

OCC1139	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiL	35.67	8.03	4.67	5.83
OVERBURDEN	SiC	84.57	8.08	1.87	18.34

OCC1141	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	69.40	7.70	9.43	13.26
OVERBURDEN	CL	88.00	8.34	2.01	23.34

OCC1145	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiC	56.42	6.72	5.25	3.08
OVERBURDEN	SiCL	75.43	8.14	2.77	21.86

OCC1150	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiL	38.97	8.07	6.10	7.70
OVERBURDEN	CL	80.42	8.22	2.78	18.75

OCC1151	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	77.10	7.21	6.43	6.72
OVERBURDEN	CL	82.48	8.21	3.38	24.55

OCC1107	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	187.53	8.68	6.35	28.00
OVERBURDEN	SiC	102.45	8.22	2.49	28.99

OCC1142	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	90.76	7.78	6.16	21.83
OVERBURDEN	CL	89.93	8.38	1.93	25.43

OCC1105	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	CL	92.60	8.55	3.44	29.43

OCC1104	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	CL	73.15	8.54	2.93	26.64

OCC1146	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	91.76	7.77	4.22	18.49
OVERBURDEN	CL	89.53	8.56	1.36	21.28

OCC1148	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	92.55	6.31	6.06	21.59
OVERBURDEN	CL	91.46	7.18	2.28	22.05

OCC1106	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	SiC	108.59	8.22	3.71	29.89

OCC1108	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	126.19	8.54	5.79	24.10
OVERBURDEN	C	90.92	8.04	3.37	30.72

OCC1149	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiC	118.33	7.79	4.98	24.19
OVERBURDEN	SiC	75.40	8.00	3.20	27.15

OCC1147	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	99.75	7.76	4.87	22.41
OVERBURDEN	CL	92.13	8.15	2.77	25.28

OCC1109	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	C	66.90	6.28	6.88	7.88
OVERBURDEN	SiCL	92.98	8.30	2.15	21.75

OCC1110	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	SiCL	104.57	8.31	2.78	18.20

OCC1115	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	CL	109.18	8.21	3.70	33.24
OVERBURDEN	CL	100.89	8.38	1.31	20.24

OCC1103	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	CL	57.56	8.35	3.15	18.47

OCC1111	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	CL	80.34	7.98	2.65	21.83

OCC1116	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	126.77	8.29	5.18	20.28
OVERBURDEN	SiC	80.23	7.85	2.24	20.43

OCC1102	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	CL	54.55	8.01	4.54	13.75

OCC1112	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	L	57.47	8.10	6.70	12.67
OVERBURDEN	CL	79.52	7.91	4.17	27.43

OCC1114	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	123.49	8.27	3.56	24.09
OVERBURDEN	SiCL	72.95	7.91	2.82	26.08

OCC1101	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	SCL	48.04	7.98	7.62	11.83

OCC1113	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	L	47.00	7.97	4.99	12.66
OVERBURDEN	SiCL	47.62	7.98	3.62	35.82

OCC1120	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	SiCL	86.03	7.93	1.47	10.78

OCC1123	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	L	61.01	7.95	6.63	22.21
OVERBURDEN	L	57.14	8.02	3.06	28.58

OCC1119	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	SiCL	69.48	8.04	5.29	10.83

OCC1117	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	61.53	7.65	11.52	17.23
OVERBURDEN	SiCL	78.73	7.94	2.01	12.65

OCC1124	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	CL	88.33	8.05	5.66	28.67
OVERBURDEN	L	47.96	7.98	3.09	18.17

OCC1118	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	L	43.20	8.04	2.21	5.40

OCC1122	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	CL	40.78	8.20	7.05	10.45
OVERBURDEN	SiCL	64.13	8.01	2.67	20.15

OCC1138	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	L	39.05	8.04	4.95	6.89
INTERBURDEN	SiC	61.75	7.73	3.05	14.88

OCC1121	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	SiCL	47.28	7.91	3.17	5.86
INTERBURDEN	CL	47.09	8.36	0.84	10.61

OCC1125	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	66.14	7.40	12.50	13.34
OVERBURDEN	CL	64.68	7.95	3.64	20.32

OCC1135	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	51.46	7.76	5.84	4.04
OVERBURDEN	CL	62.93	8.06	2.23	14.82

OCC1126	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	SL	44.12	8.09	4.68	11.94
INTERBURDEN	CL	63.94	8.11	2.78	23.69

OCC1133	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	SL	43.37	8.04	4.04	7.89
INTERBURDEN	CL	57.93	8.11	1.58	18.25

OCC1136	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	L	48.78	7.67	5.64	7.92
OVERBURDEN	CL	66.88	8.19	2.03	13.92
INTERBURDEN	SiC	65.10	8.26	1.00	14.21

OCC1130	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	CL	50.45	8.04	5.07	15.56
INTERBURDEN	CL	59.46	8.10	1.57	21.27

OCC1134	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	CL	75.10	8.15	11.22	17.98
OVERBURDEN	L	45.01	8.07	3.48	21.06
INTERBURDEN	SCL	53.02	8.10	2.09	24.69

OCC1137	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	CL	92.98	8.08	2.25	16.54
OVERBURDEN	SL	44.13	8.07	2.27	19.43
INTERBURDEN	L	54.79	8.08	1.89	18.20

OCC1132	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	L	30.31	8.15	2.01	3.79
INTERBURDEN	CL	50.11	7.91	2.23	16.63

OCC1127	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	SiCL	49.20	7.99	5.52	15.40
INTERBURDEN	CL	56.07	8.07	1.86	22.52

OCC1128	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	CL	46.65	8.04	5.16	21.45
INTERBURDEN	L	52.13	8.57	1.60	23.11

OCC1129	TEXTURE	SAT.	pH	EC	SAR
PRESTRIP	SiCL	46.19	7.89	4.07	19.91
OVERBURDEN	L	60.87	8.14	1.30	20.54

OCC1131	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	L	41.65	7.97	6.94	7.30
INTERBURDEN	CL	56.07	8.14	2.03	25.29

Legend:

- Mining Area
- Mine Permit Boundary
- Tract Boundary
- Township Lines
- Section Lines
- Mine Contour Major (25 feet)
- Mine Contour Minor (5 feet)
- Pre Mine Drainageways
- Paved Road
- USGS Contour Interval 20'
- Stream
- Borehole Location — OCC1155

Saturation Percentage
Textures:
L = Loam
CL = Clay Loam
SiCL = Silty Clay Loam
pH (S.U)
Electrical Conductance (mmhos/cm)
Sodium Adsorption Ratio (unitless)

OCC1131	TEXTURE	SAT.	pH	EC	SAR
OVERBURDEN	L	41.65	7.97	6.94	7.30
INTERBURDEN	CL	56.07	8.14	2.03	25.29

Hydrometrics, Inc.
Consulting Scientists and Engineers

Inside Tracts: Olympus October 26, 2010 Aerial Survey
Outside Tracts: USGS QUADS: Willow Crossing, Coleman Draw, King Mountain, & Yager Butte

SCALE 0 600 feet 1"=600'
Montana State Plane NAD83 US Feet

DRAWN	
DATE	BY
5/31/10	JHR
REVISED	
DATE	BY
APPROVED	
DATE	BY

OTTER CREEK COAL, LLC
P.O. BOX 7152 Billings, Mt. 59103

Otter Creek Mine
Permit ID: C2012018

304H Overburden Baseline Report

Projected Spoil Quality

FILE NAME: PLATE2_PROJECTED_SPOIL_QUALITY_R1_201408.DWG
LAYOUT: PLATE 2
Path: I:\LAND PROJECTS\OTRCR\DWG\304H