

**TABLE 1**  
**FIELD DATA SUMMARY TABLE**  
**NOBLE 100322**  
**PROSPECT CO 26-0914, WELD COUNTY, COLORADO**  
**REM # 27659**

Sample ID	Sample Date	Depth	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
9FL01@4.0'	8/8/2023	4.0 Ft	40.2821945	-104.5108112	NA	0.0 ppm
9FL02@3.0'	8/8/2023	3.0 Ft	40.2815956	-104.5098183	NA	0.0 ppm
9FL03@4.0'	8/8/2023	4.0 Ft	40.2813752	-104.5094226	NA	0.0 ppm
9FL04@4.0'	8/8/2023	4.0 Ft	40.2808529	-104.5084908	NA	0.0 ppm
9FL05@5.0'	8/8/2023	5.0 Ft	40.280474	-104.5077966	NA	0.0 ppm
9FL06@5.0'	8/8/2023	5.0 Ft	40.2801811	-104.5075067	NA	441.2 ppm
BKG01@4.0'	8/8/2023	4.0 Ft	40.2822752	-104.5106704	NA	0.0 ppm
BKG02@5.0'	8/8/2023	5.0 Ft	40.2803963	-104.5075042	NA	0.0 ppm
SB-1	10/1/2024	6.0 Ft	40.2801817	-104.5075054	0.80	Refer to Bore Log
SB-2	10/1/2024	6.0 Ft	40.2801817	-104.5074699	0.80	Refer to Bore Log
SB-3	10/1/2024	6.0 Ft	40.2801956	-104.5075072	0.80	Refer to Bore Log
SB-4	10/1/2024	6.0 Ft	40.2801793	-104.5075385	0.80	Refer to Bore Log
SB-5	10/1/2024	6.0 Ft	40.2801522	-104.5075017	0.80	Refer to Bore Log
BKG01	10/1/2024	2.0 Ft, 4.0 Ft, 6.0 Ft	40.2799947	-104.506813	0.80	Refer to Bore Log
BKG02	10/1/2024	2.0 Ft, 4.0 Ft, 6.0 Ft	40.2804215	-104.5070611	0.80	Refer to Bore Log
BKG03	10/1/2024	2.0 Ft, 4.0 Ft, 6.0 Ft	40.2802028	-104.5079627	0.70	Refer to Bore Log

1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTMZone 13 North.

2. Volatile organic compound (VOC) concentrations are measured in the field using a photoionization detector (PID).

PDOP = Position Dilution of Precision

ppm = Parts per million

in. = Inches                      ft. = Feet

bgs = Below ground surface

= Source material characterization sample, excavated and transported off site for disposal.

= Material excavated and transported off site for disposal.

TABLE 2  
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA  
NOBLE 100322  
PROSPECT CO 26-0914, WELD COUNTY, COLORADO  
REM # 27659

Sample ID	Sample Date	Depth (ft)	Benzene (mg/kg)	Toluene (mg/kg)	Ethyl-Benzene (mg/kg)	Xylenes (mg/kg)	1,2,4-Trimethyl-Benzene (mg/kg)	1,3,5-Trimethyl-Benzene (mg/kg)	Naphthalene (mg/kg)	TPH (mg/kg)	TPH GRO (mg/kg)	TPH DRO (mg/kg)	TPH ORO (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			1.2	490	5.8	58	30	27	2	500	500**		
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.0026	0.69	0.78	9.9	0.0081	0.0087	0.0038	500	500**		
9FL01@4.0'	8/8/2023	4.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
9FL06@5.0'	8/8/2023	5.0 Ft	<0.0020	<0.0050	0.0058	0.23	<b>0.57</b>	<b>0.62</b>	0.019	<b>1,740</b>	<b>240</b>	<b>1300</b>	<b>200</b>
SB-1 6.0Ft	10/1/2024	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
SB-2 6.0Ft	10/1/2024	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
SB-3 6.0Ft	10/1/2024	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
SB-4 6.0Ft	10/1/2024	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50
SB-5 6.0Ft	10/1/2024	6.0 Ft	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<500	<0.50	<50	<50

1. Bold values exceed the ECMC Table 915-1 limit(s)
2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)
3. \* Indicates laboratory minimum detection limit in excess of SSL
4. \*\* Summation of GRO+DRO+ORO must be less than 500 mg/kg

NA - Not analyzed

= Source material characterization sample, excavated and transported off site for disposal.  
 = Material excavated and transported off site for disposal.

TABLE 3  
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA  
NOBLE 100322  
PROSPECT CO 26-0914, WELD COUNTY, COLORADO  
REM # 27659

Sample ID	Sample Date	Depth (ft)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benzo (a) Anthracene (mg/kg)	Benzo (a) Pyrene (mg/kg)	Benzo (b) Fluoranthene (mg/kg)	Benzo (k) Fluoranthene (mg/kg)	Chrysene (mg/kg)	Dibenzo (a,h) Anthracene (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	Indeno (1,2,3-cd) Pyrene (mg/kg)	Pyrene (mg/kg)	1-Methyl - Naphthalene (mg/kg)	2-Methyl- Naphthalene (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			360	1800	1.1	0.11	1.1	11	110	0.11	240	240	1.1	180	18	24
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.55	5.8	0.011	0.24	0.3	2.9	9	0.096	8.9	0.54	0.98	1.3	0.006	0.019
9FL01@4.0'	8/8/2023	4.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
9FL06@5.0'	8/8/2023	5.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<b>0.168</b>	<b>0.340</b>
SB-1 6.0Ft	10/1/2024	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB-2 6.0Ft	10/1/2024	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB-3 6.0Ft	10/1/2024	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB-4 6.0Ft	10/1/2024	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500
SB-5 6.0Ft	10/1/2024	6.0 Ft	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500

1. Bold values exceed the ECMC Table 915-1 limit(s)
2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)
3. \* Indicates laboratory minimum detection limit in excess of SSL

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**TABLE 4**  
**SUMMARY OF SOIL SUITABILITY FOR RECLAMATION**  
**NOBLE 100322**  
**PROSPECT CO 26-0914, WELD COUNTY, COLORADO**  
**REM # 27659**

Sample ID	Sample Date	Depth (ft)	pH (Standard Units)	EC (mmhos/cm)	SAR (Standard Units)	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
9FL01@4.0'	8/8/2023	4.0 Ft	7.92	0.607	0.688	1.35
9FL06@5.0'	8/8/2023	5.0 Ft	6.41	0.804	0.903	1.28
BKG01@4.0'	8/8/2023	4.0 Ft	7.54	0.354	1.11	1.14
BKG02@5.0'	8/8/2023	5.0 Ft	8.13	0.654	2.69	1.16
SB-1 6.0Ft	10/1/2024	6.0 Ft	NA	NA	NA	NA
SB-2 6.0Ft	10/1/2024	6.0 Ft	NA	NA	NA	NA
SB-3 6.0Ft	10/1/2024	6.0 Ft	NA	NA	NA	NA
SB-4 6.0Ft	10/1/2024	6.0 Ft	NA	NA	NA	NA
SB-5 6.0Ft	10/1/2024	6.0 Ft	NA	NA	NA	NA
BKG01@2.0'	10/1/2024	2.0 Ft	7.86	0.242	5.26	<2.00
BKG01@4.0'	10/1/2024	4.0 Ft	7.19	0.404	<b>9.29</b>	<2.00
BKG01@6.0'	10/1/2024	6.0 Ft	7.89	0.488	5.82	<2.00
BKG02@2.0'	10/1/2024	2.0 Ft	7.75	0.248	1.27	<2.00
BKG02@4.0'	10/1/2024	4.0 Ft	8.27	0.472	1.42	<2.00
BKG02@6.0'	10/1/2024	6.0 Ft	8.30	0.483	1.98	<2.00
BKG03@2.0'	10/1/2024	2.0 Ft	7.78	0.194	1.07	<2.00
BKG03@4.0'	10/1/2024	4.0 Ft	7.95	0.205	1.89	<2.00
BKG03@6.0'	10/1/2024	6.0 Ft	7.80	0.222	2.11	<2.00
Maximum Root Background Concentration (0 - 3 ft)			7.86	0.248	5.26	<2.00
Average Root Background Concentration (0 - 3 ft)			7.80	0.228	2.53	<2.00

Sample ID	Sample Date	Depth (ft)	pH (Standard Units)	EC (mmhos/cm)	SAR (Standard Units)	Boron (mg/L)
ECMC Table 915-1 Soil Suitability Limits			6 - 8.3	<4	<6	2
Maximum Background Concentration			8.30	0.654	<b>9.29</b>	<2.00
Average Background Concentration			7.86	0.361	3.08	<2.00

1. Bold faced values exceed the ECMC Table 915-1 limit(s)

2. Blue highlighted soil analytical values indicate a regulatory exceedance

NA - Not analyzed

  = Source material characterization sample, excavated and transported off site for disposal.

  = Material excavated and transported off site for disposal.

**TABLE 5**  
**SUMMARY OF METALS IN SOIL CHEMISTRY DATA**  
**NOBLE 100322**  
**PROSPECT CO 26-0914, WELD COUNTY, COLORADO**  
**REM # 27659**

Sample ID	Sample Date	Depth (ft)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
ECMC Table 915-1 Limits (Residential SSL)			0.68	15000	71	0.3	3100	400	1500	390	390	23000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
9FL01@4.0'	8/8/2023	4.0 Ft	<b>1.22</b>	51.9	<0.200	<0.30	4.19	6.40	3.27	<0.260	0.0211	16.5
9FL06@5.0'	8/8/2023	5.0 Ft	<b>1.07</b>	24.4	<0.200	<0.30	1.74	2.03	1.43	<0.260	<0.0200	6.51
BKG01@4.0'	8/8/2023	4.0 Ft	<b>1.29</b>	56.8	<0.200	<0.30	3.65	4.66	3.80	<0.260	0.0281	15.1
BKG02@5.0'	8/8/2023	5.0 Ft	<b>0.588</b>	31.4	<0.200	<0.30	1.63	1.98	1.53	<0.260	<0.0200	6.34
SB-1 6.0Ft	10/1/2024	6.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-2 6.0Ft	10/1/2024	6.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-3 6.0Ft	10/1/2024	6.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-4 6.0Ft	10/1/2024	6.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
SB-5 6.0Ft	10/1/2024	6.0 Ft	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
BKG01@2.0'	10/1/2024	2.0 Ft	<b>1.12</b>	26.4	<0.180	<0.30	1.77	2.69	2.05	<0.234	<0.0180	7.85
BKG01@4.0'	10/1/2024	4.0 Ft	<b>1.23</b>	38.1	<0.200	<0.30	1.94	3.15	2.24	<0.260	<0.0200	9.36
BKG01@6.0'	10/1/2024	6.0 Ft	<b>1.11</b>	37.5	<0.200	<0.30	1.68	3.51	2.10	<0.260	<0.0200	8.17
BKG02@2.0'	10/1/2024	2.0 Ft	<b>1.26</b>	41.3	<0.200	<0.30	2.12	3.15	2.24	<0.260	<0.0200	9.29
BKG02@4.0'	10/1/2024	4.0 Ft	<b>0.996</b>	30.5	<0.200	<0.30	1.83	2.70	2.00	<0.260	<0.0200	8.84
BKG02@6.0'	10/1/2024	6.0 Ft	<b>1.07</b>	31.4	<0.200	<0.30	1.68	2.67	2.14	<0.260	<0.0200	7.93
BKG03@2.0'	10/1/2024	2.0 Ft	<b>0.870</b>	24.7	<0.200	<0.30	1.58	2.31	1.68	<0.260	<0.0200	7.51
BKG03@4.0'	10/1/2024	4.0 Ft	<b>1.03</b>	26.4	<0.180	<0.30	1.74	2.72	1.93	<0.234	<0.0180	8.49
BKG03@6.0'	10/1/2024	6.0 Ft	<b>1.18</b>	28.7	<0.200	<0.30	1.99	2.88	2.17	<0.260	<0.0200	9.41
Maximum Root Zone Background Concentration (0 - 3 ft)			<b>1.26</b>	41.3	<0.200	<0.30	2.12	3.15	2.24	<0.260	<0.0020	9.29
125% Average Root Zone Background Concentration (0 - 3 ft)			<b>1.35</b>	38.5	<0.200	<0.30	2.28	3.40	2.49	<0.260	<0.0020	10.3
Maximum Background Concentration			<b>1.29</b>	56.8	<0.200	<0.30	3.65	4.66	3.80	<0.260	<0.0020	15.1
125% Average Background Concentration			<b>1.33</b>	42.4	<0.200	<0.30	2.46	3.68	2.71	<0.260	<0.0020	11.2

1. Bold values exceed the ECMC Table 915-1 limit(s)

2. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL)

\* Indicates laboratory minimum detection limit in excess of SSL

NA - Not analyzed


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= Material excavated and transported off site for disposal.

# Prospect CO 26-0914

Remediation #: 27659  
API: 05-123-18064  
Facility ID: 250261  
Lat/Long: 40.282210, -104.510810  
NESE Sec. 26, T4N, R64W  
Fremont Proj. C023-200

## Legend

 Proposed Excavation: 15'x20'x6.0' Deep

