Attachment A

Soil Documents

TABLE 1
SOIL SAMPLE LOCATIONS
NOBLE ENERGY, INC. - THOMPSON 28-10 FAC

Soil Sample ID	Date	PID (ppm)	Visual	Olfactory	Sample Type (Grab/Lab)	Latitude[1]	Longitude	PDOP
SEP01-FL@3.5'	02/27/23	0.2	No Staining	No Odor	Lab	40.2808032	-104.5593418	1.9
SEP01-DL@4'	02/27/23	0.2	No Staining	No Odor	Lab	40.2807648	-104.5593856	0.8
MH01@0.5'	02/27/23	0.6	No Staining	No Odor	Grab	40.2807335	-104.5592862	1.1
MH02@0.5'	02/27/23	0.3	No Staining	No Odor	Grab	40.2807676	-104.5593304	0.9
Flare01@0.5'	02/27/23	0.3	No Staining	No Odor	Grab	40.2807066	-104.5592242	0.9
AST01@0.5'	02/27/23	0.0	No Staining	No Odor	Lab	40.2806712	-104.5596889	2.1
SS01@2.5'	03/02/23	0.4	No Staining	No Odor	Lab	40.2807278	-104.5596322	0.9
SS02@2.5'	03/02/23	1.0	No Staining	No Odor	Lab	40.2807086	-104.5595922	0.9
SS03@2.5'	03/02/23	0.6	No Staining	No Odor	Lab	40.2806886	-104.5596275	0.8
SS04@2.5'	03/02/23	1.0	No Staining	No Odor	Lab	40.2807078	-104.5596582	0.8
FS01@5.5'	03/02/23	0.7	No Staining	No Odor	Lab	40.2807078	-104.5596302	1.1
BH01*	06/02/24	2.5	No Staining	No Odor	Lab	40.2807175	-104.5596323	1.9
BH02*	06/02/24	2.4	No Staining	No Odor	Lab	40.2807842	-104.5596414	1.9
BH03*	06/02/24	3.1	No Staining	No Odor	Lab	40.2807149	-104.5595592	1.9
BH04*	06/02/24	3.4	No Staining	No Odor	Lab	40.2806507	-104.5596299	1.9
BH05*	06/02/24	3.9	No Staining	No Odor	Lab	40.2807138	-104.5597225	1.9
BH06*	06/02/24	1.0	No Staining	No Odor	Lab	40.2806506	-104.5597234	1.9
BG01*	06/02/24	NC	No Staining	No Odor	Lab	40.2805521	-104.5598508	NC
BG02*	06/02/24	NC	No Staining	No Odor	Lab	40.2806961	-104.5598749	NC
BG03*	06/02/24	NC	No Staining	No Odor	Lab	40.2808414	-104.5597390	NC
BG04*	06/02/24	NC	No Staining	No Odor	Lab	40.2808708	-104.5593956	NC
BG05*	06/02/24	NC	No Staining	No Odor	Lab	40.2808164	-104.5591382	NC

Notes:
PID = Photo-ionization detector
ppm = parts per million
PDOP = Position dilution of precision
HC = Hydrocarbon
1.) Latitude and longitude coordinates will be provided in decimal degrees with an accuracy and precision of 5 decimals of a degree using the North American Datum ("NAD") of 1983
* PID readings represent the maximum PID reading recorded for the borehole location.
NC = Data not collected

TABLE 2
SOIL ANALYTICAL DATA
NOBLE ENERGY, INC. - THOMPSON 28-10 FACILITY

Soil Sample ID	Date	[1]Benzene (mg/kg)	Toluene (mg/kg)	Ethylbenzene (mg/kg)	Total Xylenes (mg/kg)	1,2,4 - TMB (mg/kg)	1,3,5 - TMB (mg/kg)	Naphthalene (mg/kg)	TPH-GRO (mg/kg)	TPH-DRO (mg/kg)	TPH-ORO (mg/kg)	Acenaphthene (mg/kg)	Anthracene (mg/kg)	Benz(a) (mg/kg)	Benzo(a) (mg/kg)	Benzo(b) (mg/kg)	Benzo(k) (mg/kg)	Chrysene (mg/kg)	A,H (mg/kg)	Fluoranthene (mg/kg)	Fluorene (mg/kg)	1,2,3-CD (mg/kg)	Pyrene (mg/kg)	1-M (mg/kg)	2-M (mg/kg)
Residential SSL[2]		**1.2**	**490**	**5.8**	**58**	**30**	**27**	**2**	**500**			**360**	**1,800**	**1.1**	**0.11**	**1.1**	**11**	**110**	**0.11**	**240**	**240**	**1.1**	**180**	**18**	**24**
Protection of Groundwater SSL[2,3]		**0.0026**	**0.69**	**0.78**	**9.9**	**0.0081**	**0.0087**	**0.0038**	**500**			**0.55**	**6**	**0.011**	**0.24**	**0.3**	**2.9**	**9**	**0.096**	**8.9**	**0.54**	**0.98**	**1.3**	**0.006**	**0.019**
SEP01-FL@3.5'	02/27/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
SEP01-DL@4'	02/27/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
AST01@0.5'	02/27/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
SS01@2.5'	03/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
SS02@2.5'	03/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
SS03@2.5'	03/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
SS04@2.5'	03/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
FS01@5.5'	03/02/23	<0.0020	<0.0050	<0.0050	<0.010	**0.067**	**0.035**	<0.0038	1.9	<50	<50	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00510	**0.0192**
BH01@6'	06/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
BH01@18-19'	06/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
BH02@6'	06/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
BH02@18-19'	06/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
BH03@6'	06/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
BH03@18-19'	06/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
BH04@6'	06/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
BH04@18-19'	06/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
BH05@6'	06/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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
BH05@18-19'	06/02/23	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<0.50	<50	<50	<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

Soil Sample ID	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
Residential SSL[2]		**6 - 8.3**	**<6**	**<4mmhos/cm**	**2**
SEP01-FL@3.5'	02/27/23	7.91	0.107	0.245	0.110
SEP01-DL@4'	02/27/23	7.23	0.274	0.215	0.0870
AST01@0.5'	02/27/23	**4.89**	0.0363	0.0665	0.0316
SS01@2.5'	03/02/23	7.90	0.0205	0.100	0.0922
SS02@2.5'	03/02/23	7.93	0.0658	0.211	0.141
SS03@2.5'	03/02/23	7.65	0.130	0.144	0.118
SS04@2.5'	03/02/23	7.64	0.0190	0.0856	0.0942
FS01@5.5'	03/02/23	7.85	0.295	0.262	0.128
BH01@0.5'	06/02/23	8.29	NA	NA	NA
BH01@6'	06/02/23	7.52	0.356	0.526	0.0486
BH01@18-19'	06/02/23	8.24	1.67	0.301	0.258
BH02@0.5'	06/02/23	7.94	NA	NA	NA
BH02@6'	06/02/23	7.42	0.0660	0.203	0.0798
BH02@18-19'	06/02/23	7.89	2.73	0.438	0.140
BH03@0.5'	06/02/23	8.03	NA	NA	NA
BH03@6'	06/02/23	7.72	1.36	0.352	0.0648
BH03@18-19'	06/02/23	7.85	1.99	0.356	0.317
BH04@0.5'	06/02/23	7.93	NA	NA	NA
BH04@6'	06/02/23	7.12	0.145	0.315	0.0555
BH04@18-19'	06/02/23	7.92	2.15	0.406	0.171
BH05@0.5'	06/02/23	7.83	NA	NA	NA
BH05@6'	06/02/23	7.71	1.57	0.495	0.0788
BH05@18-19'	06/02/23	8.04	2.44	0.305	0.206
BH06@0.5'	06/02/23	7.61	NA	NA	NA
BG01@0.5'	06/02/23	6.41	NA	NA	NA
BG01@6'	06/02/23	7.80	NA	NA	NA
BG01@18-19'	06/02/23	8.13	NA	NA	NA
BG02@0.5'	06/02/23	8.10	NA	NA	NA
BG02@6'	06/02/23	7.85	NA	NA	NA
BG02@18-19'	06/02/23	8.20	NA	NA	NA
BG03@0.5'	06/02/23	8.14	NA	NA	NA
BG03@6'	06/02/23	8.22	NA	NA	NA
BG03@18-19'	06/02/23	8.19	NA	NA	NA
BG04@0.5'	06/02/23	7.92	NA	NA	NA
BG04@6'	06/02/23	8.27	NA	NA	NA
BG04@18-19'	06/02/23	8.26	NA	NA	NA
BG05@0.5'	06/02/23	6.32	NA	NA	NA
BG05@6'	06/02/23	8.28	NA	NA	NA
BG05@18-19'	06/02/23	8.22	NA	NA	NA

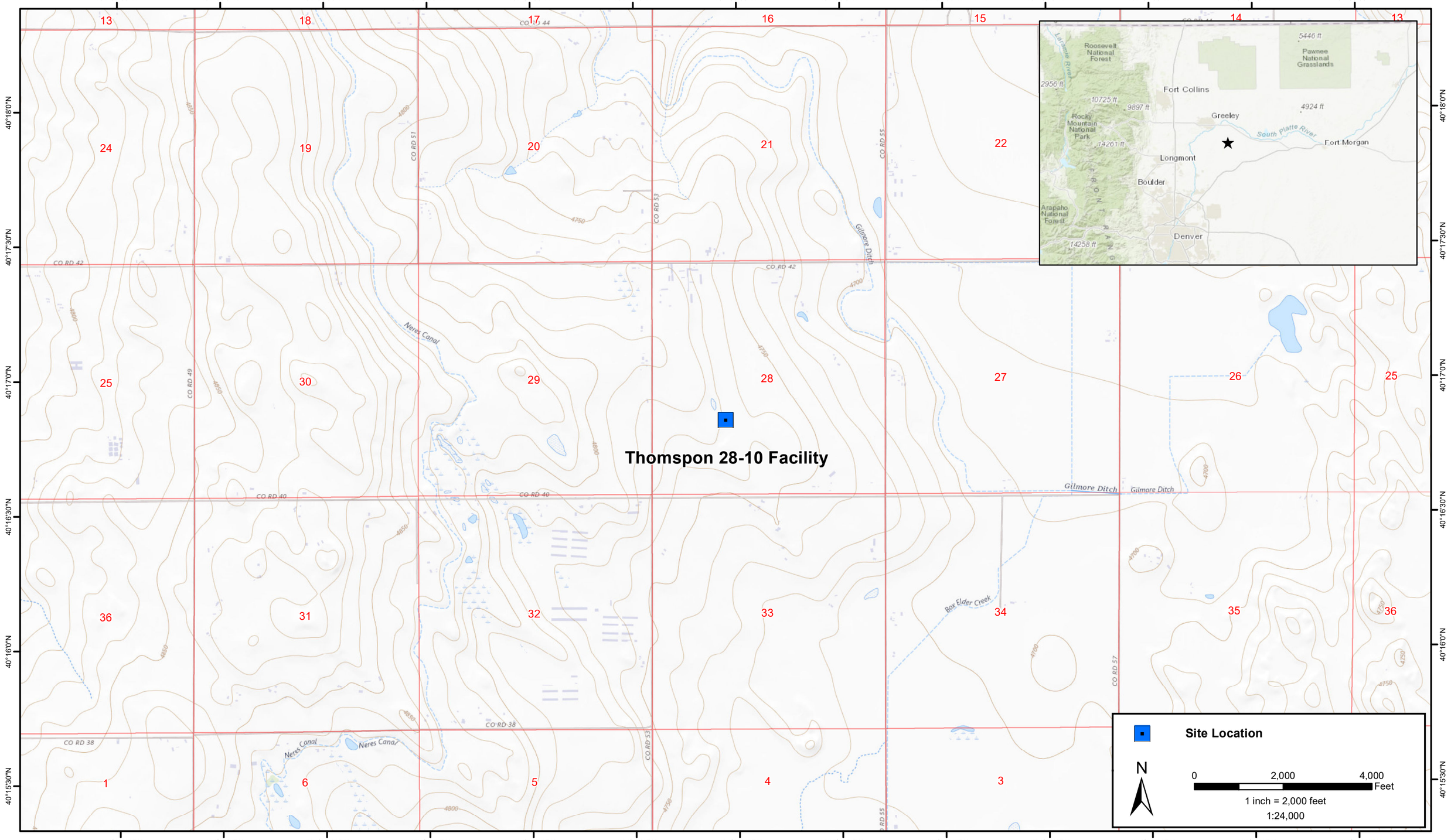
Soil Sample ID	Date	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) (mg/kg)	Copper (mg/kg)	Lead (mg/kg)	Nickel (mg/kg)	Selenium (mg/kg)	Silver (mg/kg)	Zinc (mg/kg)
Residential SSL[2]		**0.68**	**15,000**	**71**	**0.3**	**3,100**	**400**	**1,500**	**390**	**390**	**23,000**
Protection of Groundwater SSL[2,3]		**0.29**	**82**	**0.38**	**0.00067**	**46**	**14**	**26**	**0.26**	**0.8**	**370**
FS01@5.5'	03/02/23	**1.54**	34.2	<0.213	<0.30	2.92	3.02	2.39	<0.260	<0.0213	9.50
BH01@6'	06/02/23	**1.44**	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH01@18-19'	06/02/23	**2.59**	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH02@6'	06/02/23	**1.25**	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH02@18-19'	06/02/23	**1.61**	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH03@6'	06/02/23	**2.01**	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH03@18-19'	06/02/23	**3.57**	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH04@6'	06/02/23	**1.48**	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH04@18-19'	06/02/23	**3.54**	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH05@6'	06/02/23	**0.995**	NA	NA	NA	NA	NA	NA	NA	NA	NA
BH05@18-19'	06/02/23	**2.31**	NA	NA	NA	NA	NA	NA	NA	NA	NA
BG01@6'	06/02/23	1.61	NA	NA	NA	NA	NA	NA	NA	NA	NA
BG01@18-19'	06/02/23	4.00	NA	NA	NA	NA	NA	NA	NA	NA	NA
BG02@6'	06/02/23	1.61	NA	NA	NA	NA	NA	NA	NA	NA	NA
BG02@18-19'	06/02/23	3.39	NA	NA	NA	NA	NA	NA	NA	NA	NA
BG03@6'	06/02/23	1.79	NA	NA	NA	NA	NA	NA	NA	NA	NA
BG03@18-19'	06/02/23	1.47	NA	NA	NA	NA	NA	NA	NA	NA	NA
BG04@6'	06/02/23	0.521	NA	NA	NA	NA	NA	NA	NA	NA	NA
BG04@18-19'	06/02/23	1.27	NA	NA	NA	NA	NA	NA	NA	NA	NA
BG05@6'	06/02/23	0.540	NA	NA	NA	NA	NA	NA	NA	NA	NA
BG05@18-19'	06/02/23	1.06	NA	NA	NA	NA	NA	NA	NA	NA	NA

Highest Background @ 6'	**1.79**
Highest Background @ 6' x1.25	**2.24**
Highest Background @ 18-19'	**4.00**
Highest Background @ 18-19' x1.25	**5.00**

Notes:
1. Compounds referenced from 2 CCR 404-1, Table 915-1, effective January 15, 2021.
2. Soil Screening Levels (SSL) referenced from EPA Regional Screening Levels (EPA RSLs) for Chemical Contaminants at Superfund Sites, effective November 2020.
3. SSLs are applicable if a pathway for communication with groundwater is present.

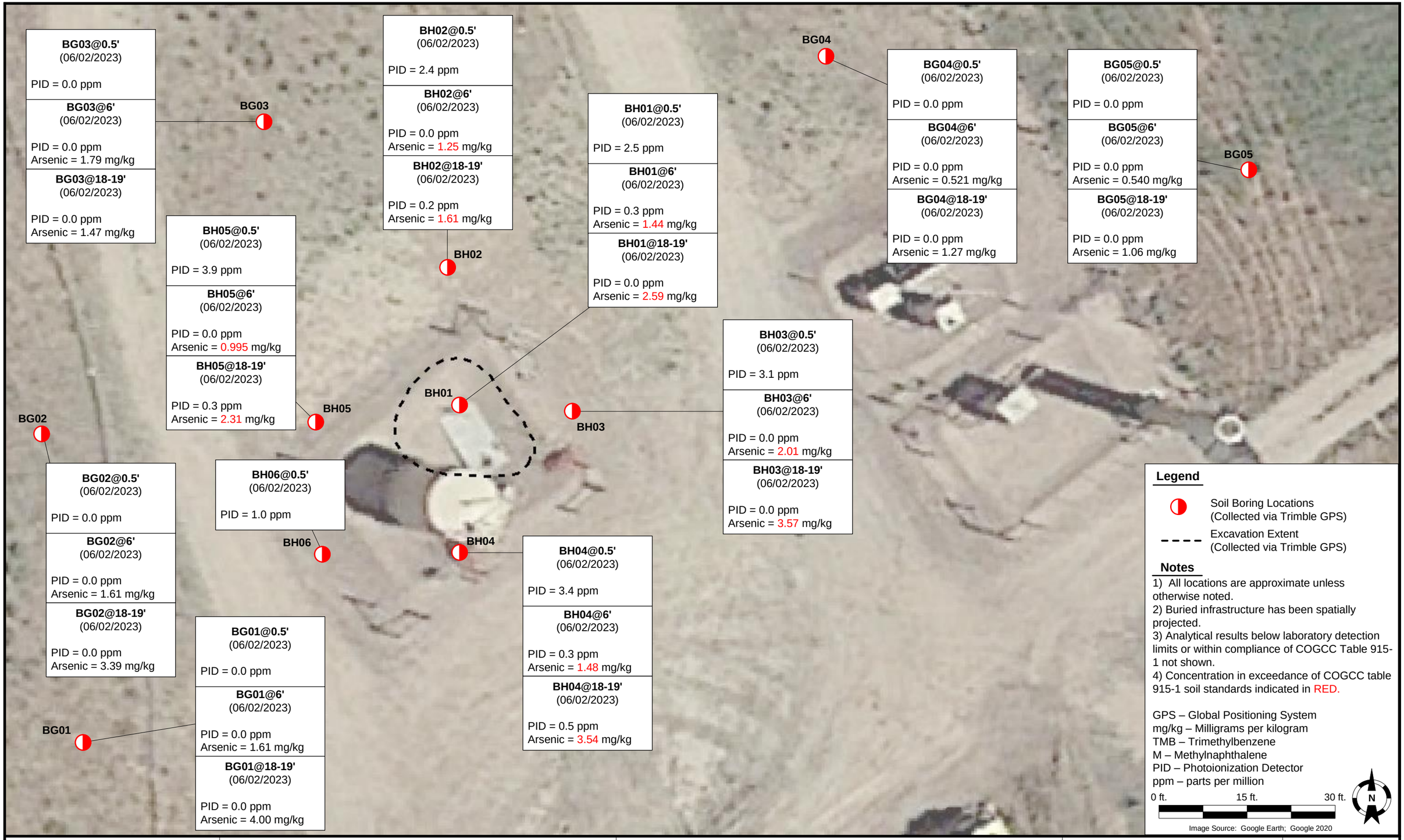
Definitions:

ECMC = Energy and Carbon Management Commission
TPH-GRO = Total petroleum hydrocarbons - gasoline range organics
TPH-DRO = Total petroleum hydrocarbons - diesel range organics
TPH-ORO = Total petroleum hydrocarbons - oil range organics
mg/kg = Milligrams per kilogram
SAR = Sodium Adsorption Ratio
EC = Electrical Conductivity
mmhos/cm = Millimhos per centimeter
mg/L = Milligrams per liter
< = Analytical result is less than the indicated laboratory reporting limit
Highlighted results are equal to or exceed the ECMC Table 915-1 standard
1,2,4 - TMB = 1,2,4 Trimethylbenzene
1,3,5 - TMB = 1,3,5 Trimethylbenzene
Benz(a) = Benzo(a)anthracene
Benzo(a) = Benzo(a)pyrene
Benzo(b) = Benzo(b)fluoranthene
Benzo(k) = Benzo(k)fluoranthene
A,H = Dibenzo(a,h)anthracene
1,2,3-CD = Indeno(1,2,3-cd)pyrene
1-M = 1-methylnaphthalene
2-M = 2-methylnaphthalene
NA = Not analyzed



DATE: March 2023 DESIGNED BY: S. Vogt DRAWN BY: L. Reed	TASMAN **Tasman, Inc.** **6855 W. 119th Ave** **Broomfield, CO 80020**	**Noble Energy, Inc - DJ Basin** **Thomspon 28-10 Facility** NESW Sec 28 T4N-R64W Weld County, Colorado	Site Location Map	Figure 1

DATE: 03/09/2023 DESIGNED BY: JW DRAWN BY: HM	TASMAN GEOSCIENCES	**Tasman Geosciences, Inc.** **6855 W 119th Avenue** **Broomfield, CO 80020**	**Noble Energy, Inc. – DJ Basin** **Thompson 28-10 FAC** NESW, Section 28, Township 4 North, Range 64 West Weld County, Colorado	Tank Battery Closure & Soil Analytical Results Map (02/27/2023 & 03/02/2023)	FIGURE 2



DATE:	11/03/2023
DESIGNED BY:	JW
DRAWN BY:	AE

TASMAN GEOSCIENCES

Tasman Geosciences, Inc.
6855 W 119th Avenue
Broomfield, CO 80020

Noble Energy, Inc. – DJ Basin
Thompson 28-10 FAC
NESW, Section 28, Township 4 North, Range 64 West
Weld County, Colorado

Site Assessment Soil Analytical Results Map
(06/02/2023)

Figure
3

TASMAN

6855 W. 119th Ave.
Broomfield, CO 80020

CLIENT: Noble	**Thompson 28-10 Facility**
LOGGED BY: Dennis Gray	
PROJECT MANAGER: Jake Whritenour	**BORING / WELL ID:** BH01
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: AMS PowerProbe	**LOCATION:** Weld County, Colorado
DRILL BIT SIZE (INCHES): 2.375"	**LATITUDE (NAD 83):** 40.280700816
DATE STARTED - COMPLETED: 6/2/23 - 6/2/23	**LONGITUDE (NAD 83):** -104.55962025
TOTAL WELL DEPTH (FT. BGS): 19	**CASING ELEVATION (FT. AMSL):** 4741.45
DEPTH TO WATER (FT. BGS): 11' ▼	**GROUND ELEVATION (FT. AMSL):** 4741.58

Depth (feet)	Lithologic Description	USCS
0	Fine grain sand, brown, loose, moist, non-cohesive, no HC staining, no odor	SP
	Refusal; hydrovac	NA
10	Fine grain to medium grain sand, medium dense, moist, brown, non-cohesive, no HC staining, no odor	SP
	Fine grain to medium grain sand, medium dense, wet, brown, non-cohesive, no HC staining, no odor	
15	Fat clay with fine grain sand, very stiff, wet, high plasticity, light brown, no HC staining, no odor	CH
	Lean clay with fine grain sand, light brown, low plasticity, moist, stiff, no HC staining, no odor	CL
	Lean clay with fine grain sand, hard, cohesive, moist, gray and brown, blocky, no HC staining, no odor	
	Lean clay, gray/brown with some orange, hard, moist, non-cohesive, blocky, no HC staining, no odor	

Drill Tooling; % Rec. (25, 50, 75); PID (ppm) (100, 1000); Lab

Well Construction: 1" Schedule 40 PVC Riser; 1" Schedule 40 PVC, 0.010 Slot Screen; Hydrated Bentonite Chips; 10-20 Silica Sand

Drilling / Sample Method:
- Macro-Core
- Hollow Stem Auger
- Hydrovac
- Hand Auger

Laboratory Sample Types:
- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab

TASMAN

6855 W. 119th Ave.
Broomfield, CO 80020

CLIENT: Noble	**Thompson 28-10 Facility**
LOGGED BY: Dennis Gray	
PROJECT MANAGER: Jake Whritenour	**BORING / WELL ID:** BH02
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: AMS PowerProbe	**LOCATION:** Weld County, Colorado
DRILL BIT SIZE (INCHES): 2.375"	**LATITUDE (NAD 83):** 40.2807631243
DATE STARTED - COMPLETED: 6/2/23 - 6/2/23	**LONGITUDE (NAD 83):** -104.559620222
TOTAL WELL DEPTH (FT. BGS): 19	**CASING ELEVATION (FT. AMSL):** 4742.57
DEPTH TO WATER (FT. BGS): 12' ▼	**GROUND ELEVATION (FT. AMSL):** 4742.83

Depth (feet)	Lithologic Description	USCS
0	Fine grain sand, brown, moist, loose, non-cohesive, no HC staining, no odor	SP
	Refusal; hydrovac	NA
5	Fine grain sand, brown, moist, loose, non-cohesive, no HC staining, no odor	SP
10	Fine grain sand, brown, medium dense, moist, non-cohesive, no HC staining, no odor	SP
	Medium grain sand, brown, medium dense, wet, non-cohesive, no HC staining, no odor	SP
15	Lean clay with fine grain sand, light brown, moist, medium plasticity, stiff, no HC staining, no odor	CL
	Fine grain sand, gray and brown, wet, dense, no HC staining, no odor	SP
	Lean clay with fine grain sand, hard, cohesive, blocky, moist, brown and gray, no HC staining, no odor	CL
	Silty fine grain sand, brown, medium dense, wet, non-cohesive, no HC staining, no odor	SM

Drill Tooling | % Rec. (25, 50, 75) | PID (ppm) (100, 1000) | Lab

Well Construction: 1" Schedule 40 PVC Riser; Hydrated Bentonite Chips; 1" Schedule 40 PVC, 0.010 Slot Screen; 10-20 Silica Sand; ▼

Drilling / Sample Method:
- Macro-Core
- Hollow Stem Auger
- Hydrovac
- Hand Auger

Laboratory Sample Types:
- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab

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Broomfield, CO 80020

CLIENT: Noble	**Thompson 28-10 Facility**
LOGGED BY: Dennis Gray	
PROJECT MANAGER: Jake Whritenour	**BORING / WELL ID:** BH03
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: AMS PowerProbe	**LOCATION:** Weld County, Colorado
DRILL BIT SIZE (INCHES): 2.375"	**LATITUDE (NAD 83):** 40.2807005968
DATE STARTED - COMPLETED: 6/2/23 - 6/2/23	**LONGITUDE (NAD 83):** -104.559538149
TOTAL WELL DEPTH (FT. BGS): 19	**CASING ELEVATION (FT. AMSL):** 4740.56
DEPTH TO WATER (FT. BGS): 10' ▼	**GROUND ELEVATION (FT. AMSL):** 4740.73

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Well Construction	Depth (feet)
0	Hollow Stem Auger / Hand Auger		Fine grain sand, brown, loose, moist, non-cohesive, no HC staining, no odor	SP			Hydrated Bentonite Chips	0
			Refusal; hydrovac	NA			1" Schedule 40 PVC Riser	
5	Macro-Core							5
10			Medium grain sand, brown, wet, medium dense, non-cohesive, no HC staining, no odor	SP			10-20 Silica Sand	10
			Lean clay with fine grain sand, light brown/tan, medium plasticity, very stiff, moist, no HC staining, no odor	CL			1" Schedule 40 PVC, 0.010 Slot Screen	
15			Lean clay with trace fine grain sand, hard, cohesive, moist, blocky, gray and brown, no HC staining, no odor					15
			Silty fine grain sand, wet, gray and brown, medium dense, non-cohesive, no HC staining, no odor	SM				
			Lean clay with trace fine grain sand, hard, cohesive, moist, blocky, gray and brown, no HC staining, no odor	CL				
			Silt with fine grain sand, gray and brown, moist, stiff, blocky, non-cohesive, no HC staining, no odor	ML				

Drilling / Sample Method:
- Macro-Core
- Hollow Stem Auger
- Hydrovac
- Hand Auger

Laboratory Sample Types:
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CLIENT: Noble	**Thompson 28-10 Facility**
LOGGED BY: Dennis Gray	
PROJECT MANAGER: Jake Whritenour	**BORING / WELL ID:** BH04
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: AMS PowerProbe	**LOCATION:** Weld County, Colorado
DRILL BIT SIZE (INCHES): 2.375"	**LATITUDE (NAD 83):** 40.2806394075
DATE STARTED - COMPLETED: 6/2/23 - 6/2/23	**LONGITUDE (NAD 83):** -104.55961978
TOTAL WELL DEPTH (FT. BGS): 19	**CASING ELEVATION (FT. AMSL):** 4740.18
DEPTH TO WATER (FT. BGS): 10' ▼	**GROUND ELEVATION (FT. AMSL):** 4740.34

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Well Construction	Depth (feet)
0	Hollow Stem Auger		Fine grain sand, brown, moist, loose, non-cohesive, no HC staining, no odor	SP				0
	Hydrovac		Refusal; hydrovac	NA			Hydrated Bentonite Chips; 1" Schedule 40 PVC Riser	
5	Macro-Core		Fine grain sand, brown, moist, medium dense, non-cohesive, no HC staining, no odor	SP				5
10			Fine grain to medium grain sand, light brown, wet, loose, non-cohesive, no HC staining, no odor				10-20 Silica Sand; 1" Schedule 40 PVC, 0.010 Slot Screen	10
15			Lean clay with fine grain sand, light brown, very stiff, cohesive, moist, hard, no HC staining, no odor	CL				15
			Lean clay with trace fine grain sand, gray and light brown, hard, moist, non-cohesive, blocky, no HC staining, no odor					
			Clayey fine grain sand, tan, wet, medium plasticity, medium dense, no HC staining, no odor	SC				
			Lean clay with trace fine grain sand, gray and light brown, hard, moist, non-cohesive, blocky, no HC staining, no odor	CL				
			Silt with fine grain sand, stiff, non-cohesive, gray and brown, moist, no HC staining, no odor	ML				

Drilling / Sample Method:
- Macro-Core
- Hollow Stem Auger
- Hydrovac
- Hand Auger

Laboratory Sample Types:
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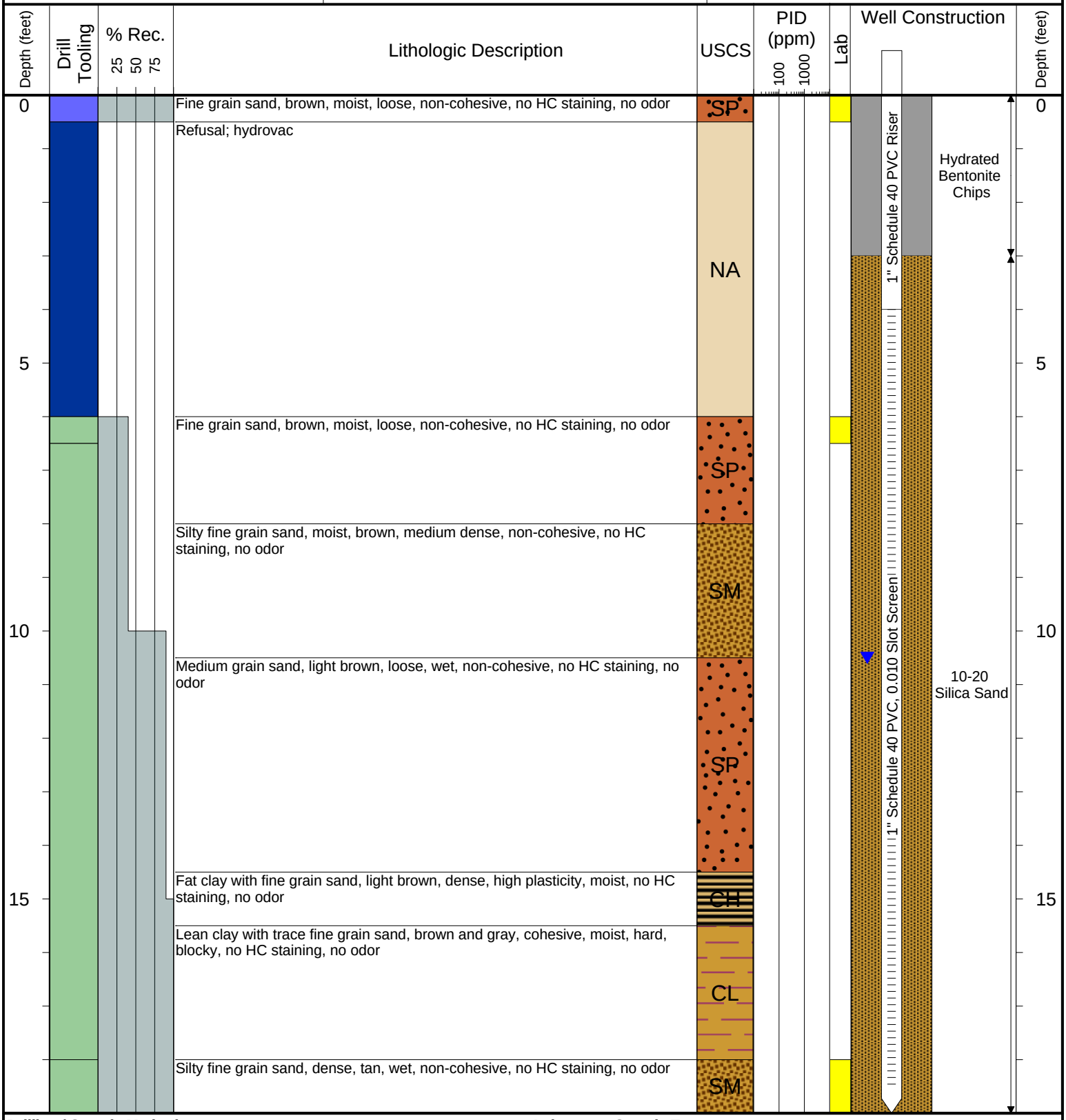
CLIENT: Noble	**Thompson 28-10 Facility**
LOGGED BY: Dennis Gray	
PROJECT MANAGER: Jake Whritenour	**BORING / WELL ID:** BH05
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: AMS PowerProbe	**LOCATION:** Weld County, Colorado
DRILL BIT SIZE (INCHES): 2.375"	**LATITUDE (NAD 83):** 40.2807012222
DATE STARTED - COMPLETED: 6/2/23 - 6/2/23	**LONGITUDE (NAD 83):** -104.55970248
TOTAL WELL DEPTH (FT. BGS): 19	**CASING ELEVATION (FT. AMSL):** 4741.49
DEPTH TO WATER (FT. BGS): 10.5' ▼	**GROUND ELEVATION (FT. AMSL):** 4741.65



Drilling / Sample Method:

- Macro-Core
- Hollow Stem Auger
- Hydrovac
- Hand Auger

Laboratory Sample Types:

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CLIENT: Noble	**Thompson 28-10 Facility**
LOGGED BY: Dennis Gray	
PROJECT MANAGER: Jake Whritenour	**BORING / WELL ID:** BH06
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: AMS PowerProbe	**LOCATION:** Weld County, Colorado
DRILL BIT SIZE (INCHES): 2.375"	**LATITUDE (NAD 83):** 40.2806392506
DATE STARTED - COMPLETED: 6/2/23 - 6/2/23	**LONGITUDE (NAD 83):** -104.559703816
TOTAL WELL DEPTH (FT. BGS): 19	**CASING ELEVATION (FT. AMSL):** 4740.28
DEPTH TO WATER (FT. BGS): 10' ▼	**GROUND ELEVATION (FT. AMSL):** 4740.51

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Well Construction	Depth (feet)
0	Hollow Stem Auger; Hydrovac		Fine grain sand, brown, loose, moist, non-cohesive, no HC staining, no odor	SP		Analytical Chemistry Lab	Hydrated Bentonite Chips; 1" Schedule 40 PVC Riser	0
			Refusal; hydrovac	NA				
5								5
			Medium grain sand, brown, loose, moist, non-cohesive, no HC staining, no odor					
10	Macro-Core		Fine grain to medium grain sand, light brown, loose, wet, non-cohesive, no HC staining, no odor	SP			10-20 Silica Sand; 1" Schedule 40 PVC, 0.010 Slot Screen	10
			Lean clay with fine grain sand, ligth brown, moist, low plasticity , very stiff, no HC staining, no odor	CL				
15			No Recovery or sample due to crushed liner	NA				15

Drilling / Sample Method:
- Macro-Core
- Hollow Stem Auger
- Hydrovac
- Hand Auger

Laboratory Sample Types:
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TANK BATTERY DECOMMISSIONING FORM

SITE NAME: Thompson 28-10	**DATE:** 2/27/2023 **REM. PROJECT #:** 25228	**WEATHER:** Clear 40s
SITE DIRECTIONS: 40 & 53 right through gate and past tank battery to facility	**CLIENT:** Noble	
LEGALS AND LAT/LONG: 40.280708, -104.559630	**TASMAN PERSONNEL:** Martin Medeiros	
SOIL TYPES:	**SURFACE GRADIENT:**	

SOIL SAMPLING

Date/Time	Soil Sample ID	PID (ppm)	Visual	Olfactory	Photo?	Grab or Lab Sample?
2/27/2023 13:25	SEP01-FL@3.5'	0.2	HC Staining	No Odor	Yes	Lab
2/27/2023 14:00	SEP01-DL@4'	.2	No Staining	HC Odor	Yes	Grab
2/27/2023 13:30	MH01@0.5'	0.6	No Staining	No Odor	Yes	Grab
2/27/2023 13:32	MH02@0.5'	0.3	No Staining	No Odor	Yes	Grab
2/27/2023 13:35	Flare01@0.5'	0.3	No Staining	No Odor	Yes	Grab
2/27/2023 14:20	AST01@0.5'	0.0	No Staining	No Odor	Yes	Lab
3/2/2023 10:50	SS01@2.5'	0.4	No Staining	No Odor	Yes	On-Hold
3/2/2023 10:52	SS02@2.5'	1.0	No Staining	No Odor	Yes	Lab
3/2/2023 10:53	SS03@2.5'	0.6	No Staining	No Odor	Yes	On-Hold
3/2/2023 10:55	SS04@2.5'	1.0	No Staining	No Odor	Yes	On-Hold
3/2/2023 11:00	FS01@5.5'	0.7	No Staining	No Odor	Yes	Lab

GROUNDWATER SAMPLING

Date/Time	Groundwater Sample ID	Depth Collected	Turbid?	Sheen?	Odor?	Photo?

FACILITY INFRASTRUCTURE

EQUIPMENT	Quantity
Above Ground Storage Tank (AST)	1
Buried or Partially Buried Vessel	1
Separator	1
Emission Control Device (ECD)	1
Dump Line	1
Wellhead	
Flowline	
Other:	

Soil Loads Removed

IMPACTED SOIL IDENTIFIED?

ESTIMATED VOLUME OF IMPACTS:

Date	Number	CY
Total Removed	0	0

Disposal Facility:

Groundwater Recovery

DATE GW ENCOUNTERED:	DEPTH:

GROUNDWATER IN CONTACT WITH IMPACTED SOIL?

LNAPL OR SHEEN OBSERVED ON GW?

Date	BBLS
Total Removed	0

Disposal Facility:

Tasman Geosciences

LMCI

GENERAL OBSERVATION FORM

Client: Noble

Site Area/AOC: Thompson 28-10 Date: 2/28/2023

Task/Location Description: Facility Decomissioning

Daily Forecast/Weather: Clear 40s Personnel: Martin Medeiros

Description of Activities:

Time	Description
10:00	Arrive on site
	Speak with Joel about scope of work, Soil sampler not needed until 1. Depart site
13:05	Arrive back on site and speak with Joel about scope of work,complete field prep
14:30	Depart site
	2/28
10:20	Arrive on site, complete JSA
	Sampled in conjunction with FL
	3/2
10:35	Arrive on site, prepare for sampling event
10:45	Begin sampling event
11:10	Complete sampling event and begin field screening
	All samples sent to Summit

Photographic Log

Equipment ID: SEP01-FL@3.5'	Equipment Type: Separator	
Material: Steel	Volume:	Contents: Oil/Gas/Water
Notes/Conditions:		

Equipment ID: MH01@0.5'	Equipment Type:	
Material:	Volume:	Contents:
Notes/Conditions:		

Photographic Log

Equipment ID: MH02@0.5'	**Equipment Type:** Partially Buried Vault	
Material: Concrete	**Volume:**	**Contents:** Produced Water
Notes/Conditions:		

Equipment ID: Flare01@0.5'	**Equipment Type:** Emission Control Device	
Material: Concrete	**Volume:**	**Contents:**
Notes/Conditions:		

TANK BATTERY DECOMMISSIONING

Photographic Log

Equipment ID: SEP01-DL@4'	**Equipment Type:** Dump Line	
Material: Steel	**Volume:**	**Contents:** Produced Water
Notes/Conditions: Sample collected by Back hoe, poor soil grade		

Equipment ID: AST01@0.5'	**Equipment Type:** Above Ground Storage Tank	
Material: Steel	**Volume:**	**Contents:** Crude Oil
Notes/Conditions:		

TANK BATTERY DECOMMISSIONING

Photographic Log

Equipment ID: SS01@2.5'	**Equipment Type:** Partially Buried Vault	
Material: Concrete	**Volume:**	**Contents:** Produced Water
Notes/Conditions:		

Equipment ID: SS02	**Equipment Type:** Partially Buried Vault	
Material: Concrete	**Volume:**	**Contents:** Produced Water
Notes/Conditions:		

TANK BATTERY DECOMMISSIONING

Photographic Log

Equipment ID: SS03@2.5'	**Equipment Type:** Partially Buried Vault	
Material: Concrete	**Volume:**	**Contents:** Produced Water
Notes/Conditions:		

Equipment ID: SS04	**Equipment Type:** Partially Buried Vault	
Material: Concrete	**Volume:**	**Contents:** Produced Water
Notes/Conditions:		

Photographic Log

Equipment ID: FS01@5.5'	**Equipment Type:** Partially Buried Vault		**Equipment ID:**	**Equipment Type:**	
Material: Concrete	**Volume:**	**Contents:** Produced Water	**Material:**	**Volume:**	**Contents:**
Notes/Conditions:			**Notes/Conditions:**		