SITE ASSESSMENT REPORT

HERBSTER F35-27 TANK BATTERY

ECMC REMEDIATION # 20520

Prepared for:

noble energy

1099 18th Street
Suite 1500
Denver, CO 80202

Prepared by:

TASMAN EST. 2009

4725 Independence Street
Wheat Ridge, CO 80033

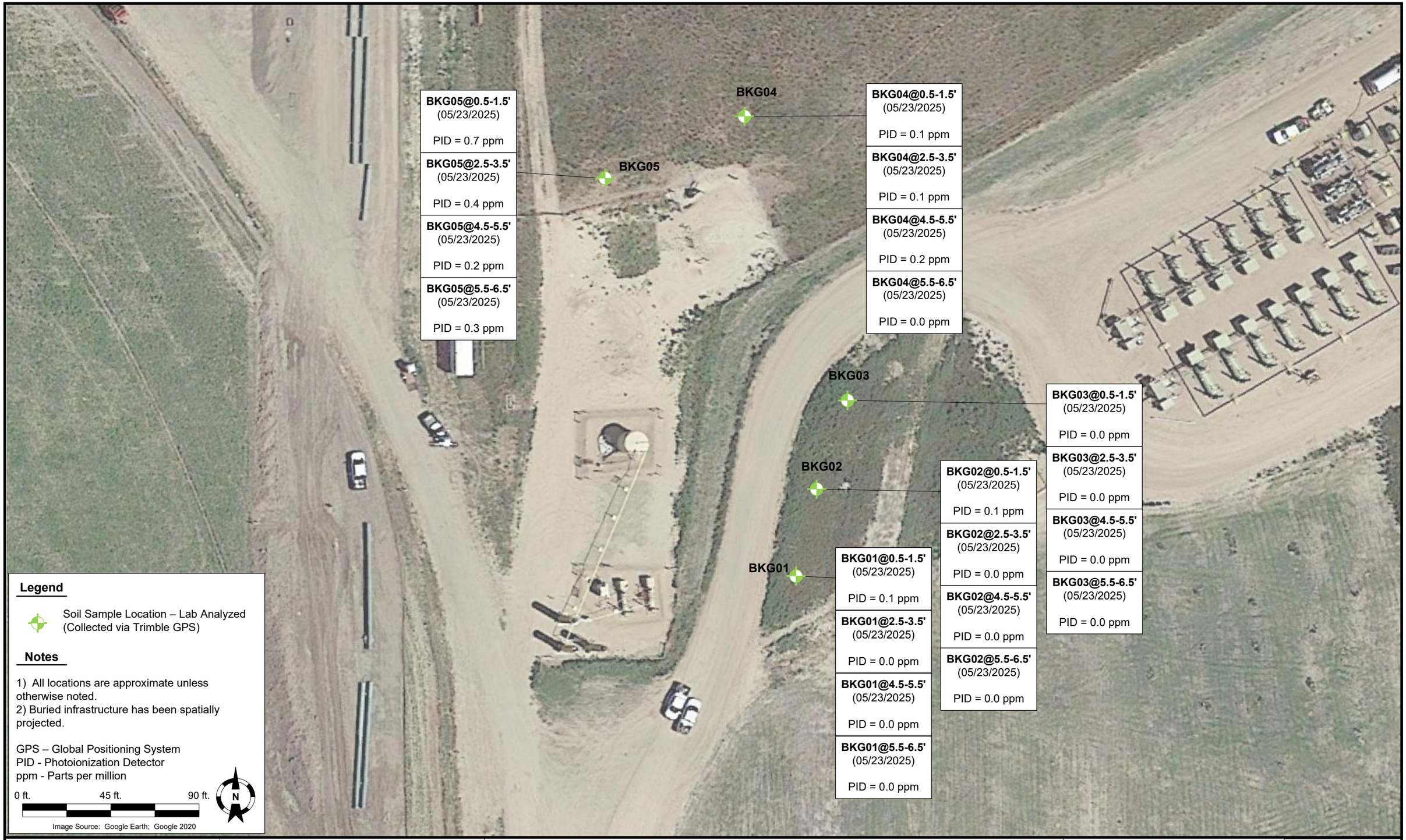
DATE:	July 24, 2025
DESIGNED BY:	J. Whritenour
DRAWN BY:	J. Meier

Tasman, Inc.
4725 Independence Street
Wheat Ridge, CO 80033

Noble Energy, Inc. – DJ Basin
Herbster F35-27 Tank Battery
SWSE, Section 26, Township 5 North, Range 65 West
Weld County, Colorado

SOIL BORING LOCATION MAP

FIGURE 1



DATE:	July 25, 2025
DESIGNED BY:	J. Whritenour
DRAWN BY:	J. Meier

Tasman, Inc.
4725 Independence Street
Wheat Ridge, CO 80033

Noble Energy, Inc. – DJ Basin
Herbster F35-27 Tank Battery
SWSE, Section 26, Township 5 North, Range 65 West
Weld County, Colorado

SOIL BORING LOCATION MAP (BACKGROUNDS)

FIGURE 2

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE ENERGY, INC. (100322)
HERBSTER F35-27 TANK BATTERY, WELD, COLORADO
REM # 20520

Sample ID	Sample Date	Depth (ft. bgs)	GPS Data[1] Latitude/Longitude		PDOP Value	VOC Concentration[2] (ppm)
AST01@0.5	5/20/2021	0.5	40.366505	-104.630248	1.2	0.0
Flare01@0.5'	5/20/2021	0.5	40.366254	-104.630373	1.0	0.0
Flare02@0.5'	5/20/2021	0.5	40.366210	-104.630370	1.0	0.0
Flare03@0.5	5/20/2021	0.5	40.366207	-104.630319	1.0	0.0
FS01@5'	5/20/2021	5	40.366503	-104.630302	1.2	0.0
MH01@0.5'	5/20/2021	0.5	40.366267	-104.630302	1.0	0.0
SEP01-DL@3'	5/20/2021	3	40.366313	-104.630249	1.1	0.0
SEP01-FL@3'	5/20/2021	3	40.366269	-104.630237	1.1	0.0
SS01@2.5'	5/20/2021	2.5	40.366532	-104.630297	1.3	0.0
SS02@2.5'	5/20/2021	2.5	40.366498	-104.630259	1.2	0.0
SS03@2.5'	5/20/2021	2.5	40.366471	-104.630301	1.2	0.0
SS04@2.5'	5/20/2021	2.5	40.366502	-104.630323	1.3	0.0
BG02@0.5'	5/20/2021	0.5	40.366530	-104.630207	1.1	0.0
BG02@2.5'	5/20/2021	2.5	40.366530	-104.630207	1.1	0.0
BG02@5'	5/20/2021	5	40.366530	-104.630207	1.1	0.0
SB01@0.5-1.5'	5/20/2025	0.5-1.5	40.366500	-104.630235	NC	0.6
SB01@1.5-2.5'	5/20/2025	1.5-2.5	40.366500	-104.630235	NC	1.0
SB02@5-6'	5/20/2025	5-6	40.366498	-104.630287	NC	2.5
SB02@6-7'	5/20/2025	6-7	40.366498	-104.630287	NC	0.0
SB03@2-3'	5/20/2025	2-3	40.366518	-104.630287	NC	0.4
SB04@0.5-1.5'	5/20/2025	0.5-1.5	40.366562	-104.630265	NC	0.0
SB04@5-6'	5/20/2025	5-6	40.366562	-104.630265	NC	0.0
SB05@0.5-1.5'	5/20/2025	0.5-1.5	40.366499	-104.630167	NC	0.5
SB05@5-6'	5/20/2025	5-6	40.366499	-104.630167	NC	1.2
SB06@0.5-1.5'	5/20/2025	0.5-1.5	40.366434	-104.630256	NC	0.0
SB06@5-6'	5/20/2025	5-6	40.366434	-104.630256	NC	0.0
SB07@0.5-1.5'	5/20/2025	0.5-1.5	40.366496	-104.630369	NC	0.2
SB07@5-6'	5/20/2025	5-6	40.366496	-104.630369	NC	0.6
SB08@2.5-3.5'	5/20/2025	2.5-3.5	40.366307	-104.630230	NC	0.1
SB08@3.5-4.5'	5/20/2025	3.5-4.5	40.366307	-104.630230	NC	0.4
SB09@2.5-3.5'	5/20/2025	2.5-3.5	40.366265	-104.630224	NC	0.7
SB09@4.5-5.5'	5/20/2025	4.5-5.5	40.366265	-104.630224	NC	0.7
SB10@2.5-3.5'	5/20/2025	2.5-3.5	40.366350	-104.630230	NC	0.9
SB11@2.5-3.5'	5/20/2025	2.5-3.5	40.366292	-104.630162	NC	0.4
SB12@2.5-3.5'	5/20/2025	2.5-3.5	40.366222	-104.630231	NC	0.0
SB13@2.5-3.5'	5/20/2025	2.5-3.5	40.366280	-104.630309	NC	0.1
BKG01@0.5-1.5'	5/23/2025	0.5-1.5	40.366304	-104.629930	NC	0.1
BKG01@2.5-3.5'	5/23/2025	2.5-3.5	40.366304	-104.629930	NC	0
BKG01@4.5-5.5'	5/23/2025	4.5-5.5	40.366304	-104.629930	NC	0
BKG01@5.5-6.5'	5/23/2025	5.5-6.5	40.366304	-104.629930	NC	0
BKG02@0.5-1.5'	5/23/2025	0.5-1.5	40.366428	-104.629888	NC	0.1
BKG02@2.5-3.5'	5/23/2025	2.5-3.5	40.366428	-104.629888	NC	0
BKG02@4.5-5.5'	5/23/2025	4.5-5.5	40.366428	-104.629888	NC	0
BKG02@5.5-6.5'	5/23/2025	5.5-6.5	40.366428	-104.629888	NC	0
BKG03@0.5-1.5'	5/23/2025	0.5-1.5	40.366555	-104.629836	NC	0
BKG03@2.5-3.5'	5/23/2025	2.5-3.5	40.366555	-104.629836	NC	0
BKG03@4.5-5.5'	5/23/2025	4.5-5.5	40.366555	-104.629836	NC	0
BKG03@5.5-6.5'	5/23/2025	5.5-6.5	40.366555	-104.629836	NC	0
BKG04@0.5-1.5'	5/23/2025	0.5-1.5	40.366951	-104.630004	NC	0.1

TABLE 1
FIELD DATA SUMMARY TABLE
NOBLE ENERGY, INC. (100322)
HERBSTER F35-27 TANK BATTERY, WELD, COLORADO
REM # 20520

Sample ID	Sample Date	Depth (ft. bgs)	GPS Data[1] Latitude/Longitude		PDOP Value	VOC Concentration[2] (ppm)
BKG04@2.5-3.5'	5/23/2025	2.5-3.5	40.366951	-104.630004	NC	0.1
BKG04@4.5-5.5'	5/23/2025	4.5-5.5	40.366951	-104.630004	NC	0.2
BKG04@5.5-6.5'	5/23/2025	5.5-6.5	40.366951	-104.630004	NC	0
BKG05@0.5-1.5'	5/23/2025	0.5-1.5	40.366933	-104.630259	NC	0.7
BKG05@2.5-3.5'	5/23/2025	2.5-3.5	40.366933	-104.630259	NC	0.4
BKG05@4.5-5.5'	5/23/2025	4.5-5.5	40.366933	-104.630259	NC	0.2
BKG05@5.5-6.5'	5/23/2025	5.5-6.5	40.366933	-104.630259	NC	0.3

Notes:
1. Global Positioning System (GPS) data is provided in decimal degrees using North American Datum (NAD) 83 UTM Zone 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
ft. = Feet
bgs = Below ground surface
NC = Not collected
NA = Not analyzed
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 ENERGY, INC. (100322)
HERBSTER F35-27 TANK BATTERY, WELD, COLORADO
REM # 20520

Sample ID	Sample Date	Depth (ft. bgs)	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**		
AST01@0.5'	5/20/2021	0.5	*<0.0020*	*<0.0050*	*<0.0050*	*<0.010*	*<0.0050*	*<0.0050*	*<0.0038*	*<50*	*<0.50*	*<50*	*<50*
FS01@5'	5/20/2021	5	*<0.0020*	*<0.0050*	*<0.0050*	*<0.010*	*<0.0050*	*<0.0050*	*<0.0038*	*<50*	*<0.50*	*<50*	*<50*
SEP01-DL@3'	5/20/2021	3	*<0.0020*	*<0.0050*	*<0.0050*	*<0.010*	*<0.0050*	*<0.0050*	*<0.0038*	*<50*	*<0.50*	*<50*	*<50*
SEP01-FL@3'	5/20/2021	3	*<0.0020*	*<0.0050*	*<0.0050*	*<0.010*	*<0.0050*	*<0.0050*	*<0.0038*	*<50*	*<0.50*	*<50*	*<50*
SS01@2.5'	5/20/2021	2.5	*<0.0020*	*<0.0050*	*<0.0050*	*<0.010*	*<0.0050*	*<0.0050*	*<0.0038*	*<50*	*<0.50*	*<50*	*<50*
SB01@0.5-1.5'	5/20/2025	0.5-1.5	*<0.0011*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<7.2*	*<0.22*	*<4.8*	*<7.2*
SB01@1.5-2.5'	5/20/2025	1.5-2.5	*<0.0011*	*<0.0021*	*<0.0021*	*<0.0021*	*<0.0021*	*<0.0021*	*<0.0022*	*<6.7*	*<0.21*	*<4.5*	*<6.7*
SB02@5-6'	5/20/2025	5-6	*<0.0011*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0025*	55.6	*<0.23*	*<4.5*	55.6
SB02@6-7'	5/20/2025	6-7	*<0.0010*	*<0.0021*	*<0.0021*	*<0.0021*	*<0.0021*	*<0.0021*	*<0.0021*	*<5.9*	*<0.21*	*<3.9*	*<5.9*
SB03@2-3'	5/20/2025	2-3	*<0.0011*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<6.1*	*<0.22*	*<4.1*	*<6.1*
SB04@0.5-1.5'	5/20/2025	0.5-1.5	*<0.0012*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0022*	*<6.8*	*<0.23*	*<4.5*	*<6.8*
SB04@5-6'	5/20/2025	5-6	*<0.0012*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0022*	*<6.8*	*<0.23*	*<4.5*	*<6.8*
SB05@0.5-1.5'	5/20/2025	0.5-1.5	*<0.0011*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<6.3*	*<0.22*	*<4.2*	*<6.3*
SB05@5-6'	5/20/2025	5-6	*<0.0010*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0020*	*<0.0021*	*<6.1*	*<0.20*	*<4.1*	*<6.1*
SB06@0.5-1.5'	5/20/2025	0.5-1.5	*<0.0011*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<6.2*	*<0.22*	*<4.1*	*<6.2*
SB06@5-6'	5/20/2025	5-6	*<0.0011*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0023*	*<6.8*	*<0.22*	*<4.5*	*<6.8*
SB07@0.5-1.5'	5/20/2025	0.5-1.5	*<0.0011*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0023*	*<6.2*	*<0.22*	*<4.1*	*<6.2*
SB07@5-6'	5/20/2025	5-6	*<0.0012*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0024*	*<7.0*	*<0.23*	*<4.7*	*<7.0*
SB08@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0011*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0024*	*<6.6*	*<0.23*	*<4.4*	*<6.6*
SB08@3.5-4.5'	5/20/2025	3.5-4.5	*<0.0011*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0023*	*<6.4*	*<0.22*	*<4.3*	*<6.4*
SB09@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0012*	*<0.0024*	*<0.0024*	*<0.0024*	*<0.0024*	*<0.0024*	*<0.0023*	*<6.3*	*<0.24*	*<4.2*	*<6.3*
SB09@4.5-5.5'	5/20/2025	4.5-5.5	*<0.00094*	*<0.0019*	*<0.0019*	*<0.0019*	*<0.0019*	*<0.0019*	*<0.0021*	*<5.9*	*<0.19*	*<4.0*	*<5.9*
SB10@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0011*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0023*	*<6.3*	*<0.22*	*<4.2*	*<6.3*
SB11@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0011*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	*<0.0022*	9.27	*<0.22*	*<4.1*	9.27
SB12@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0012*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0023*	*<0.0024*	*<7.3*	*<0.23*	*<4.9*	*<7.3*
SB13@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0010*	*<0.0021*	*<0.0021*	*<0.0021*	*<0.0021*	*<0.0021*	*<0.0022*	*<5.8*	*<0.21*	*<3.8*	*<5.8*

TABLE 2
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA
NOBLE ENERGY, INC. (100322)
HERBSTER F35-27 TANK BATTERY, WELD, COLORADO
REM # 20520

Sample ID	Sample Date	Depth (ft. bgs)	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**		

Notes:

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. ** Summation of GRO+DRO+ORO must be less than 500 mg/kg.

ECMC = Energy and Carbon Management Commission
(<) = Analytical result is less than the indicated laboratory reporting limit.
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
ft. = Feet
bgs = Below ground surface
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 ENERGY, INC. (100322)
HERBSTER F35-27 TANK BATTERY, WELD, COLORADO
REM # 20520

Sample ID	Sample Date	Depth (ft. bgs)	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
AST01@0.5'	5/20/2021	0.5	*<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'	5/20/2021	5	*<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@3'	5/20/2021	3	*<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-FL@3'	5/20/2021	3	*<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'	5/20/2021	2.5	*<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*
SB01@0.5-1.5'	5/20/2025	0.5-1.5	*<0.0044*	*<0.0044*	*<0.0055*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*
SB01@1.5-2.5'	5/20/2025	1.5-2.5	*<0.0044*	*<0.0044*	*<0.0055*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*
SB02@5-6'	5/20/2025	5-6	*<0.0050*	*<0.0050*	*<0.0062*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*	*<0.0050*
SB02@6-7'	5/20/2025	6-7	*<0.0042*	*<0.0042*	*<0.0052*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*
SB03@2-3'	5/20/2025	2-3	*<0.0045*	*<0.0045*	*<0.0056*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*
SB04@0.5-1.5'	5/20/2025	0.5-1.5	*<0.0044*	*<0.0044*	*<0.0056*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*	*<0.0044*
SB04@5-6'	5/20/2025	5-6	*<0.0045*	*<0.0045*	*<0.0056*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*
SB05@0.5-1.5'	5/20/2025	0.5-1.5	*<0.0045*	*<0.0045*	*<0.0056*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*
SB05@5-6'	5/20/2025	5-6	*<0.0042*	*<0.0042*	*<0.0052*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*
SB06@0.5-1.5'	5/20/2025	0.5-1.5	*<0.0045*	*<0.0045*	*<0.0056*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*
SB06@5-6'	5/20/2025	5-6	*<0.0046*	*<0.0046*	*<0.0058*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*
SB07@0.5-1.5'	5/20/2025	0.5-1.5	*<0.0047*	*<0.0047*	*<0.0059*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*
SB07@5-6'	5/20/2025	5-6	*<0.0047*	*<0.0047*	*<0.0059*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*
SB08@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0048*	*<0.0048*	*<0.0060*	*<0.0048*	*<0.0048*	*<0.0048*	*<0.0048*	*<0.0048*	*<0.0048*	*<0.0048*	*<0.0048*	*<0.0048*	*<0.0048*	*<0.0048*
SB08@3.5-4.5'	5/20/2025	3.5-4.5	*<0.0046*	*<0.0046*	*<0.0058*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*	*<0.0046*
SB09@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0047*	*<0.0047*	*<0.0059*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	*<0.0047*	0.0029[J]	*<0.0047*	*<0.0047*	0.0024[J]	*<0.0047*	*<0.0047*
SB09@4.5-5.5'	5/20/2025	4.5-5.5	*<0.0042*	*<0.0042*	*<0.0053*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*	*<0.0042*
SB10@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0045*	*<0.0045*	*<0.0057*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*	*<0.0045*
SB11@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0043*	*<0.0043*	*<0.0054*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*
SB12@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0049*	*<0.0049*	*<0.0061*	*<0.0049*	*<0.0049*	*<0.0049*	*<0.0049*	*<0.0049*	*<0.0049*	*<0.0049*	*<0.0049*	*<0.0049*	*<0.0049*	*<0.0049*
SB13@2.5-3.5'	5/20/2025	2.5-3.5	*<0.0043*	*<0.0043*	*<0.0054*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*	*<0.0043*

Notes:

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.

J. Result is detected but below the reporting limit, therefore, result is an estimated concentration.
ECMC = Energy and Carbon Management Commission
(<) = Analytical result is less than the indicated laboratory reporting limit.
mg/kg = Milligrams per kilogram
ft. = Feet
bgs = Below ground surface
NA = Not analyzed
Source material characterization sample, excavated and transported off site for disposal.
Material excavated and transported off site for disposal.

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE ENERGY, INC. (100322)
HERBSTER F35-27 TANK BATTERY, WELD, COLORADO
REM # 20520

Sample ID	Sample Date	Depth (ft. bgs)	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
AST01@0.5'	5/20/2021	0.5	**9.93**	**7.33**	**76.4**	0.318
FS01@5'	5/20/2021	5	**8.4**	0.870	2.23	0.423
SEP01-DL@3'	5/20/2021	3	**8.57**	0.528	1.88	0.799
SEP01-FL@3'	5/20/2021	3	**9.74**	0.411	1.80	1.04
SS01@2.5'	5/20/2021	2.5	8.16	1.42	0.820	1.10
SB01@0.5-1.5'	5/20/2025	0.5-1.5	8.09	1.6	2.63	0.583
SB01@1.5-2.5'	5/20/2025	1.5-2.5	8.16	1.1	2.74	*<0.50*
SB02@5-6'	5/20/2025	5-6	**8.48**	1.2	4.41	0.520
SB02@6-7'	5/20/2025	6-7	**8.53**	1.2	**6.13**	*<0.50*
SB03@2-3'	5/20/2025	2-3	7.93	**4.1**	4.71	*<0.50*
SB04@0.5-1.5'	5/20/2025	0.5-1.5	8.29	1.4	4.01	*<0.50*
SB04@5-6'	5/20/2025	5-6	**8.53**	1.3	**6.34**	*<0.50*
SB05@0.5-1.5'	5/20/2025	0.5-1.5	**8.52**	1.0	4.26	*<0.50*
SB05@5-6'	5/20/2025	5-6	**8.40**	1.2	4.16	*<0.50*
SB06@0.5-1.5'	5/20/2025	0.5-1.5	**8.44**	0.64	2.83	0.985
SB06@5-6'	5/20/2025	5-6	7.88	1.5	4.88	*<0.50*
SB07@0.5-1.5'	5/20/2025	0.5-1.5	7.95	0.95	3.26	*<0.50*
SB07@5-6'	5/20/2025	5-6	7.99	1.3	0.522	0.900
SB08@2.5-3.5'	5/20/2025	2.5-3.5	**8.58**	0.97	4.52	*<0.50*
SB08@3.5-4.5'	5/20/2025	3.5-4.5	**8.63**	1.3	5.83	*<0.50*
SB09@2.5-3.5'	5/20/2025	2.5-3.5	8.02	3.9	**6.95**	0.695
SB09@4.5-5.5'	5/20/2025	4.5-5.5	**8.39**	0.84	2.98	*<0.50*
SB10@2.5-3.5'	5/20/2025	2.5-3.5	7.79	3.9	**7.71**	1.02
SB11@2.5-3.5'	5/20/2025	2.5-3.5	8.03	1.9	5.22	*<0.50*
SB12@2.5-3.5'	5/20/2025	2.5-3.5	**8.42**	0.64	4.47	0.823
SB13@2.5-3.5'	5/20/2025	2.5-3.5	8.23	0.82	5.87	*<0.50*
BG02@0.5'	5/20/2021	0.5	8.27	0.928	3.24	0.631
BG02@2.5'	5/20/2021	2.5	8.28	0.445	3.51	0.426
BKG01@0.5-1.5'	5/23/2025	0.5-1.5	7.68	5.2	8.00	1.80
BKG01@2.5-3.5'	5/23/2025	2.5-3.5	7.91	12.3	17.2	0.575
BKG01@4.5-5.5'	5/23/2025	4.5-5.5	8.39	0.83	5.18	*<0.50*
BKG01@5.5-6.5'	5/23/2025	5.5-6.5	8.21	1.5	4.39	*<0.50*
BKG02@0.5-1.5'	5/23/2025	0.5-1.5	7.98	9.2	14.7	*<0.50*
BKG02@2.5-3.5'	5/23/2025	2.5-3.5	8.01	13.4	19.6	0.860
BKG02@4.5-5.5'	5/23/2025	4.5-5.5	7.71	0.91	5.56	*<0.50*
BKG02@5.5-6.5'	5/23/2025	5.5-6.5	7.73	0.70	5.32	*<0.50*

TABLE 4
SUMMARY OF SOIL SUITABILITY FOR RECLAMATION
NOBLE ENERGY, INC. (100322)
HERBSTER F35-27 TANK BATTERY, WELD, COLORADO
REM # 20520

Sample ID	Sample Date	Depth (ft. bgs)	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
BKG03@0.5-1.5'	5/23/2025	0.5-1.5	7.98	3.7	6.63	0.724
BKG03@2.5-3.5'	5/23/2025	2.5-3.5	8.31	1.6	7.79	*<0.50*
BKG03@4.5-5.5'	5/23/2025	4.5-5.5	8.19	2.7	9.73	*<0.50*
BKG03@5.5-6.5'	5/23/2025	5.5-6.5	8.05	3.8	8.95	*<0.50*
BKG04@0.5-1.5'	5/23/2025	0.5-1.5	7.89	4.6	4.51	0.619
BKG04@2.5-3.5'	5/23/2025	2.5-3.5	8.59	7.9	23.5	0.528
BKG04@4.5-5.5'	5/23/2025	4.5-5.5	8.34	1.2	5.63	*<0.50*
BKG04@5.5-6.5'	5/23/2025	5.5-6.5	8.04	3.3	6.12	*<0.50*
BKG05@0.5-1.5'	5/23/2025	0.5-1.5	7.82	3.8	3.49	0.588
BKG05@2.5-3.5'	5/23/2025	2.5-3.5	8.34	3.7	10.1	*<0.50*
BKG05@4.5-5.5'	5/23/2025	4.5-5.5	8.18	4.7	9.35	*<0.50*
BKG05@5.5-6.5'	5/23/2025	5.5-6.5	8.10	1.2	5.06	*<0.50*
Maximum Background Concentration			8.59	13.4	23.5	-

Notes:

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within background concentrations.
2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
3. Brown highlighted soil analytical values indicate a regulatory exceedance.

ECMC = Energy and Carbon Management Commission
(<) = Analytical result is less than the indicated laboratory reporting limit.
mg/L = Milligrams per liter
ft. = Feet
bgs = Below ground surface
NA = Not analyzed
EC = Electrical conductivity
SAR = Sodium adsoprtion ratio
mmhos/cm = Millimohs per centimeter

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 ENERGY, INC. (100322)
HERBSTER F35-27 TANK BATTERY, WELD, COLORADO
REM # 20520

Sample ID	Sample Date	Depth (ft. bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI)[6] (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
SB01@0.5-1.5'	5/20/2025	0.5-1.5	**2.9**	**98.8**	0.20	<0.49*	9.9	8.8	8.0	0.22	<0.054	38.0
SB01@1.5-2.5'	5/20/2025	1.5-2.5	**4.0**	60.8	0.074	<0.45*	4.8	5.9	4.7	<0.20	<0.050	18.9
SB02@5-6'	5/20/2025	5-6	**4.0**	**222**	0.17	<0.49*	10.6	9.6	10.5	<0.40*	<0.099	40.6
SB02@6-7'	5/20/2025	6-7	**1.3**	34.4	0.056	<0.46*	5.2	4.8	4.1	<0.20	<0.050	18.5
SB03@2-3'	5/20/2025	2-3	**3.1**	**106**	0.11	<0.46*	6.4	6.6	6.9	<0.23	<0.058	25.5
SB04@0.5-1.5'	5/20/2025	0.5-1.5	**3.9**	**152**	0.15	<0.48*	8.0	8.4	9.4	<0.23	<0.059	34.7
SB04@5-6'	5/20/2025	5-6	**3.4**	**141**	0.12	<0.50*	9.5	9.1	10.2	<0.22	<0.054	36.1
SB05@0.5-1.5'	5/20/2025	0.5-1.5	**3.0**	**116**	0.15	<0.45*	8.7	8.5	8.9	<0.23	<0.058	36.8
SB05@5-6'	5/20/2025	5-6	**0.93**	79.3	<0.053	<0.42*	3.3	3.5	3.0	<0.21	<0.053	13.5
SB06@0.5-1.5'	5/20/2025	0.5-1.5	**2.9**	**109**	0.31	<0.49*	13.9	12.9	10.1	**0.34**	0.059	54.1
SB06@5-6'	5/20/2025	5-6	**3.6**	**157**	0.15	<0.49*	9.2	8.4	8.4	0.20	<0.051	33.9
SB07@0.5-1.5'	5/20/2025	0.5-1.5	**2.0**	57.4	0.10	<0.46*	6.4	5.9	5.4	<0.19	<0.047	24.4
SB07@5-6'	5/20/2025	5-6	**3.0**	**111**	0.30	<0.48*	11.8	**14.0**	10.5	**0.30**	<.0.060	50.5
SB08@2.5-3.5'	5/20/2025	2.5-3.5	**2.3**	63.2	0.096	<0.50*	6.6	6.1	5.6	<0.23	<0.056	21.8
SB08@3.5-4.5'	5/20/2025	3.5-4.5	**3.5**	**97.5**	0.12	<0.48*	7.5	7.2	7.5	<0.23	<0.058	28.3
SB09@2.5-3.5'	5/20/2025	2.5-3.5	**2.7**	**100**	0.25	<0.48*	12.3	13.6	10.3	**0.26**	0.062	49.7
SB09@4.5-5.5'	5/20/2025	4.5-5.5	**0.78**	15.9	*<0.051*	*<0.41**	1.6	2.5	1.6	*<0.20*	*<0.051*	8.3
SB10@2.5-3.5'	5/20/2025	2.5-3.5	**3.1**	**111**	0.28	*<0.50**	13.0	12.4	10.3	**0.39**	*<0.061*	52.5
SB11@2.5-3.5'	5/20/2025	2.5-3.5	**1.0**	24.6	*<0.056*	*<0.44**	2.5	3.9	2.8	*<0.22*	*<0.056*	12.3
SB12@2.5-3.5'	5/20/2025	2.5-3.5	**3.4**	**121**	0.32	*<0.51**	15.1	**15.2**	12.1	**0.32**	0.066	63.4
SB13@2.5-3.5'	5/20/2025	2.5-3.5	**0.6**	20.4	*<0.056*	*<0.44**	1.9	2.5	2.0	*<0.22*	*<0.056*	8.5
BKG01@0.5-1.5'	5/23/2025	0.5-1.5	3.0	112	0.31	*<0.46**	18.0	13.7	11.2	0.39	0.058	66.6
BKG01@2.5-3.5'	5/23/2025	2.5-3.5	3.4	127	0.076	0.86	6.1	6.0	6.9	*<0.24*	*<0.059*	23.9
BKG01@4.5-5.5'	5/23/2025	4.5-5.5	0.72	16.6	*<0.054*	*<0.44**	2.0	2.8	1.9	*<0.22*	*<0.054*	8.7
BKG01@5.5-6.5'	5/23/2025	5.5-6.5	0.70	29.1	0.073	*<0.48**	3.5	3.5	3.0	0.89	*<0.060*	13.4
BKG02@0.5-1.5'	5/23/2025	0.5-1.5	3.8	135	0.25	*<0.47**	14.5	11.2	12.3	0.33	*<0.059*	51.6
BKG02@2.5-3.5'	5/23/2025	2.5-3.5	3.9	146	0.094	*<0.47**	6.7	6.6	8.1	*<0.23*	*<0.058*	23.8
BKG02@4.5-5.5'	5/23/2025	4.5-5.5	1.3	19.6	*<0.062*	*<0.50**	4.5	5.4	3.5	*<0.25*	*<0.062*	16.1
BKG02@5.5-6.5'	5/23/2025	5.5-6.5	1.1	22.1	*<0.062*	*<0.50**	3.4	3.6	4.5	*<0.25*	*<0.062*	14.1
BKG03@0.5-1.5'	5/23/2025	0.5-1.5	2.9	106	0.30	*<0.45**	12.9	12.7	10.6	0.34	*<0.058*	55.6
BKG03@2.5-3.5'	5/23/2025	2.5-3.5	0.94	12.6	*<0.051*	*<0.42**	1.7	3.0	1.7	*<0.20*	*<0.051*	8.7

TABLE 5
SUMMARY OF METALS IN SOIL CHEMISTRY DATA
NOBLE ENERGY, INC. (100322)
HERBSTER F35-27 TANK BATTERY, WELD, COLORADO
REM # 20520

Sample ID	Sample Date	Depth (ft. bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI)[6] (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
BKG03@4.5-5.5'	5/23/2025	4.5-5.5	9.9	181	0.13	*<0.51* *	15.1	11.7	9.8	0.34	*<0.062*	43.9
BKG03@5.5-6.5'	5/23/2025	5.5-6.5	12.7	81.7	0.21	0.54	23.8	13.6	11.7	0.41	0.067	51.2
BKG04@0.5-1.5'	5/23/2025	0.5-1.5	2.0	67.4	0.15	*<0.44* *	7.8	8.5	6.4	0.26	*<0.053*	30.0
BKG04@2.5-3.5'	5/23/2025	2.5-3.5	2.3	60.9	0.062	*<0.48* *	4.4	5.0	5.1	*<0.23*	*<0.058*	18.4
BKG04@4.5-5.5'	5/23/2025	4.5-5.5	3.7	249	0.27	*<0.55* *	17.9	14.8	20.7	0.35	*<0.069*	65.2
BKG04@5.5-6.5'	5/23/2025	5.5-6.5	4.2	131	0.24	*<0.51* *	8.6	7.2	7.2	0.35	*<0.063*	35.4
BKG05@0.5-1.5'	5/23/2025	0.5-1.5	2.4	67.9	0.15	*<0.43* *	8.2	8.3	7.2	0.27	*<0.055*	31.2
BKG05@2.5-3.5'	5/23/2025	2.5-3.5	1.7	76.4	*<0.055*	*<0.47* *	5.1	4.6	3.9	*<0.22*	*<0.055*	19.2
BKG05@4.5-5.5'	5/23/2025	4.5-5.5	1.8	62.0	0.10	*<0.46* *	5.5	4.8	4.9	*<0.23*	*<0.056*	20.6
BKG05@5.5-6.5'	5/23/2025	5.5-6.5	0.56	10.8	*<0.055*	*<0.46* *	2.4	2.6	2.2	*<0.22*	*<0.055*	9.3
1.25x Maximum Background Concentration			16	311	-	1.1	-	18.5	-	1.1	-	-

Notes:

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x background concentrations.
2. **Bold** faced values exceed the ECMC Table 915-1 limit(s) and native background concentrations.
3. Red & blue highlighted soil analytical values indicate an exceedance of the referenced soil screening level (SSL).
4. Reporting limit used for 1.25 multiplier when all background results for a specific metal are non-detect.
5. * Indicates laboratory minimum detection limit in excess of SSL.
6. Compound falls within the ECMC Table 915-1 footnote 9.

ECMC = Energy & Carbon Management Commission
(<) = Analytical result is less than the indicated laboratory reporting limit.
mg/kg = Milligrams per kilogram
ft. = Feet
bgs = Below ground surface
NA = Not analyzed
Source material characterization sample, excavated and transported off site for disposal.
Material excavated and transported off site for disposal.

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB01
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** E of SB02
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630235
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2025	**LONGITUDE (NAD 83):** 40.366500
TOTAL WELL DEPTH (FT. BGS): 3	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Brown sand, fine to coarse grained with traces of gravel, well graded, no odor, no staining, moist	SW			0
			Tan sand, fine to coarse grained with traces of gravel, well graded, no odor, no staining, moist				
3							3

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB02
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** W of SB01
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630287
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2026	**LONGITUDE (NAD 83):** 40.366498
TOTAL WELL DEPTH (FT. BGS): 7	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Brown sand, fine to coarse grained, well graded, no odor, no staining, moist				0
			Tan sand, fine to coarse grained, well graded, no odor, iron staining, moist	SW			
5							5

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB03
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** N of SB02
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630287
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2027	**LONGITUDE (NAD 83):** 40.366518
TOTAL WELL DEPTH (FT. BGS): 3	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Brown sand, fine to coarse grained with traces of gravel, well graded, no odor, no staining, moist	SW			0
1							1
2			Tan sand, fine to coarse grained with traces of gravel, well graded, no odor, no staining, moist				2
3							3

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB04
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** N of SB03
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630265
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2028	**LONGITUDE (NAD 83):** 40.366562
TOTAL WELL DEPTH (FT. BGS): 6	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil

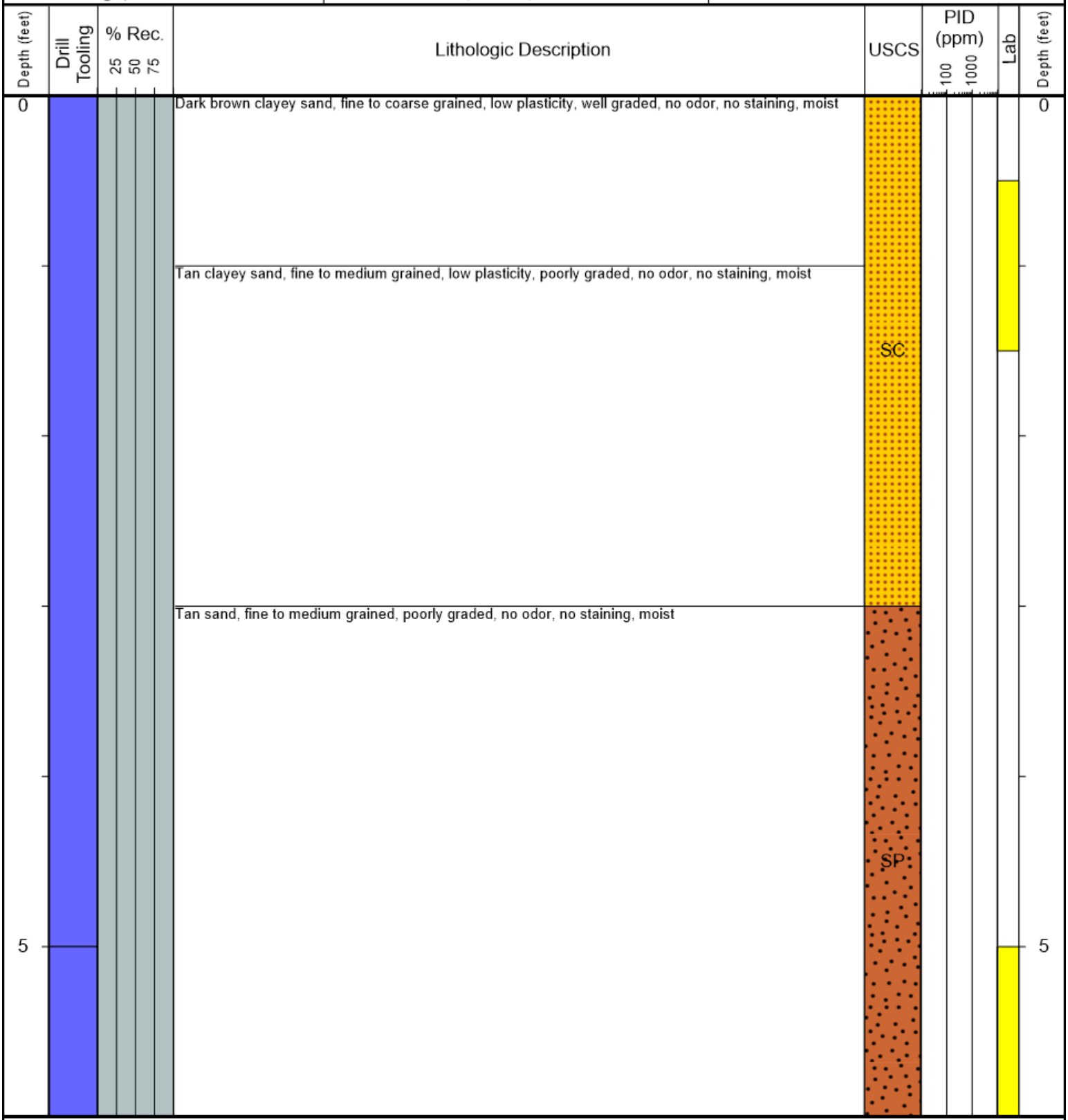
Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Brown sand, fine to coarse grained, well graded, no odor, no staining, moist				0
			Tan sand, fine to coarse grained, well graded, no odor, no staining, moist	SW			
5							5

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB05
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** E of SB01
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630167
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2029	**LONGITUDE (NAD 83):** 40.366499
TOTAL WELL DEPTH (FT. BGS): 6	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil

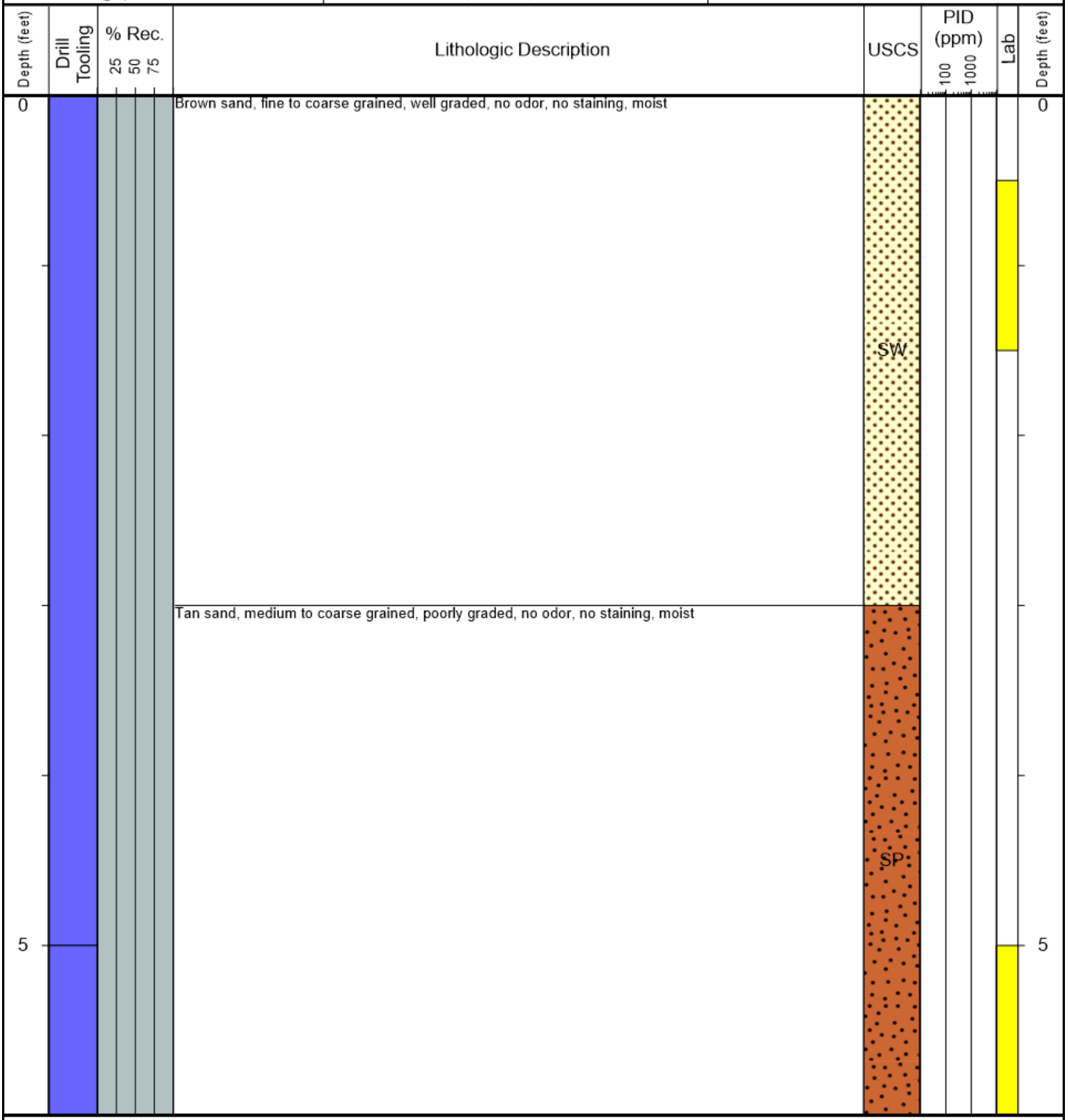


Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB06
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** S of SB01
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630256
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2030	**LONGITUDE (NAD 83):** 40.366434
TOTAL WELL DEPTH (FT. BGS): 6	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil



Drilling / Sample Method:

- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

Laboratory Sample Types:

- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB07
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** W of SB02
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630369
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2031	**LONGITUDE (NAD 83):** 40.366496
TOTAL WELL DEPTH (FT. BGS): 6	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil

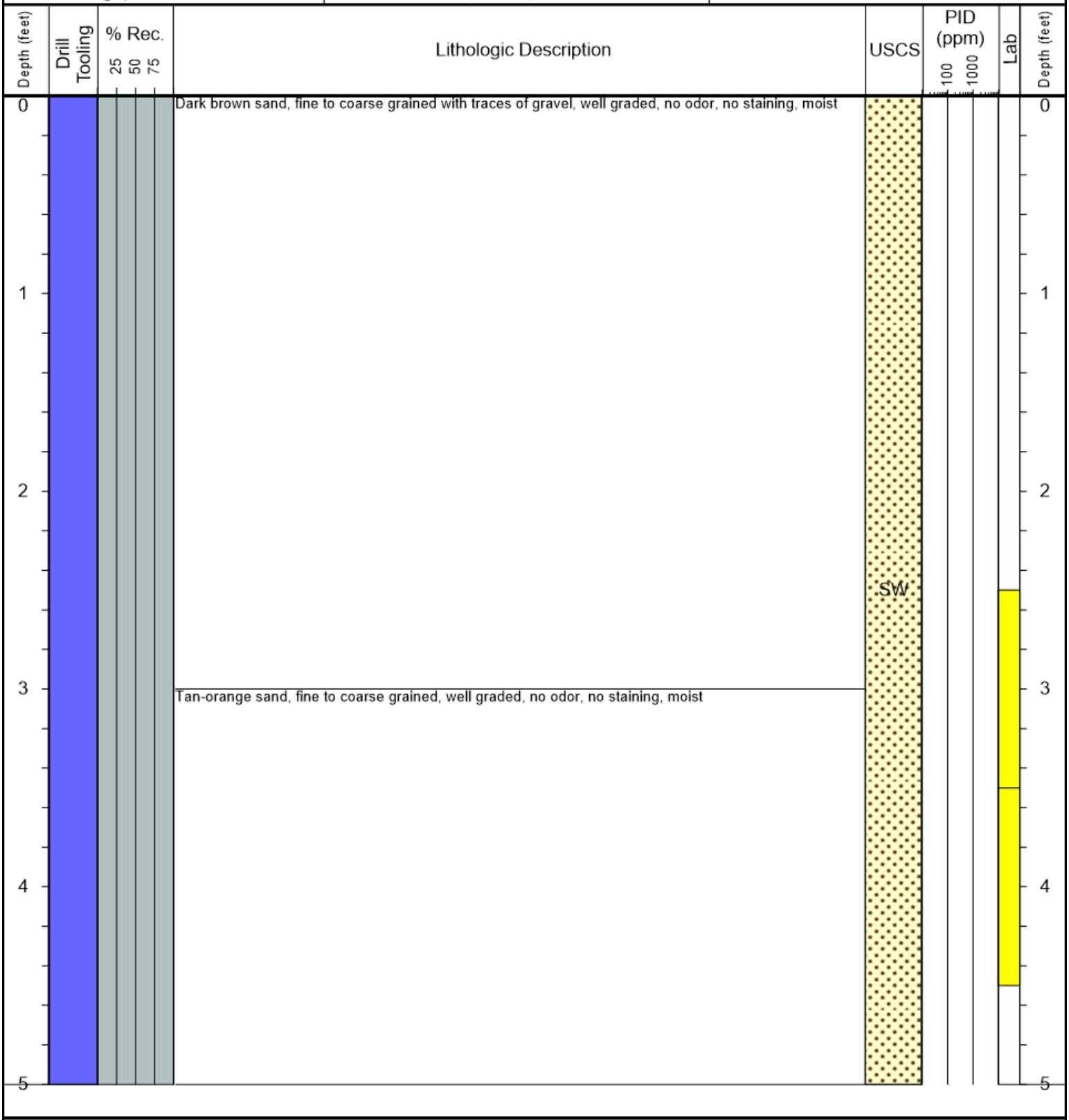
Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Dark brown sand, fine to coarse grained with trace gravel, well graded, no odor, no staining, moist				0
			Tan sand, fine to coarse grained, well graded, no odor, no staining, moist	SW			
5							5

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB08
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** N of SB09
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630230
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2032	**LONGITUDE (NAD 83):** 40.366307
TOTAL WELL DEPTH (FT. BGS): 5	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil



Drilling / Sample Method:

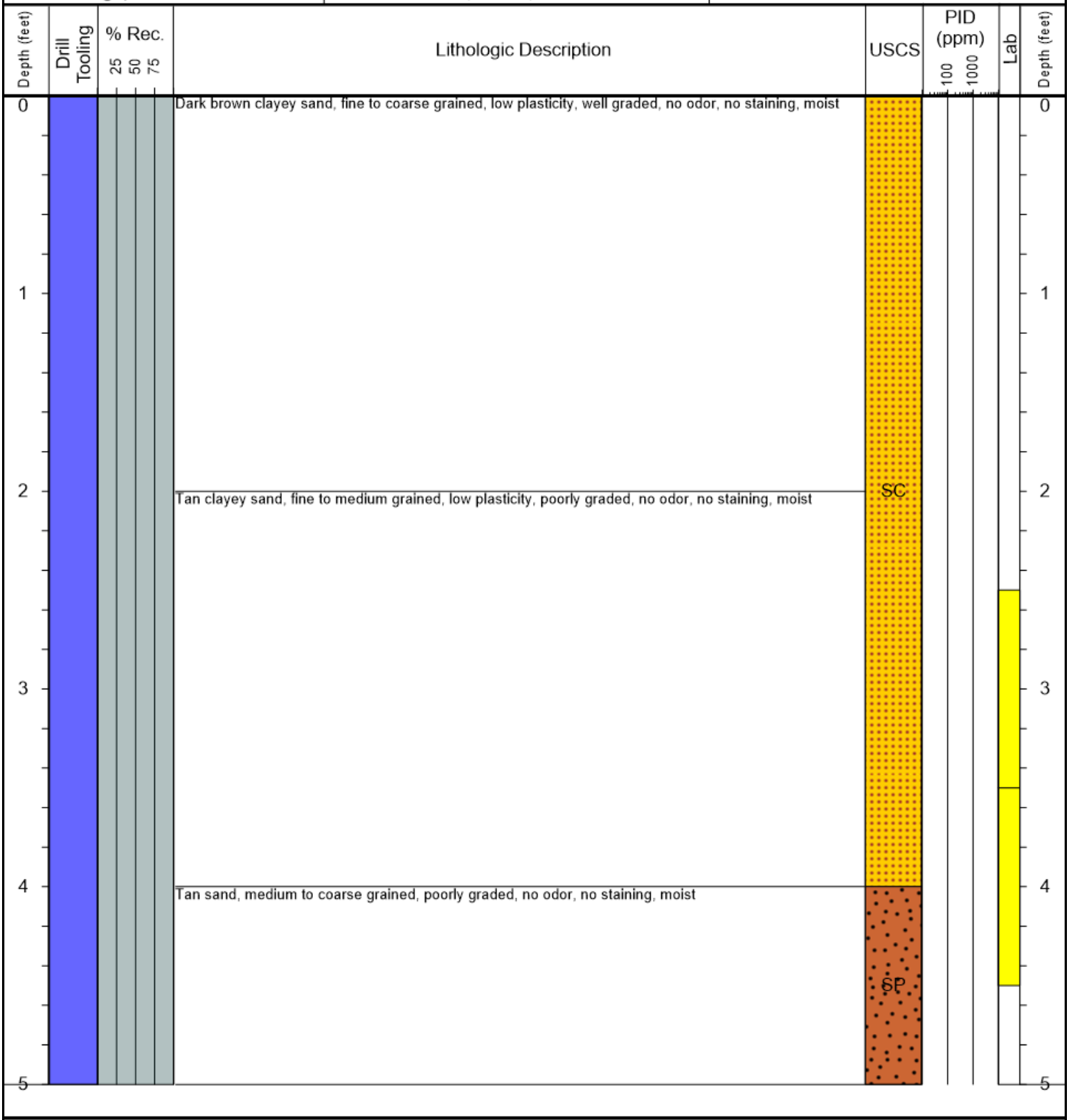
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

Laboratory Sample Types:

- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB09
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** S of SB08
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630224
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2033	**LONGITUDE (NAD 83):** 40.366265
TOTAL WELL DEPTH (FT. BGS): 5	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil



Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB10
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** N of SB08
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630230
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2034	**LONGITUDE (NAD 83):** 40.366350
TOTAL WELL DEPTH (FT. BGS): 4	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil

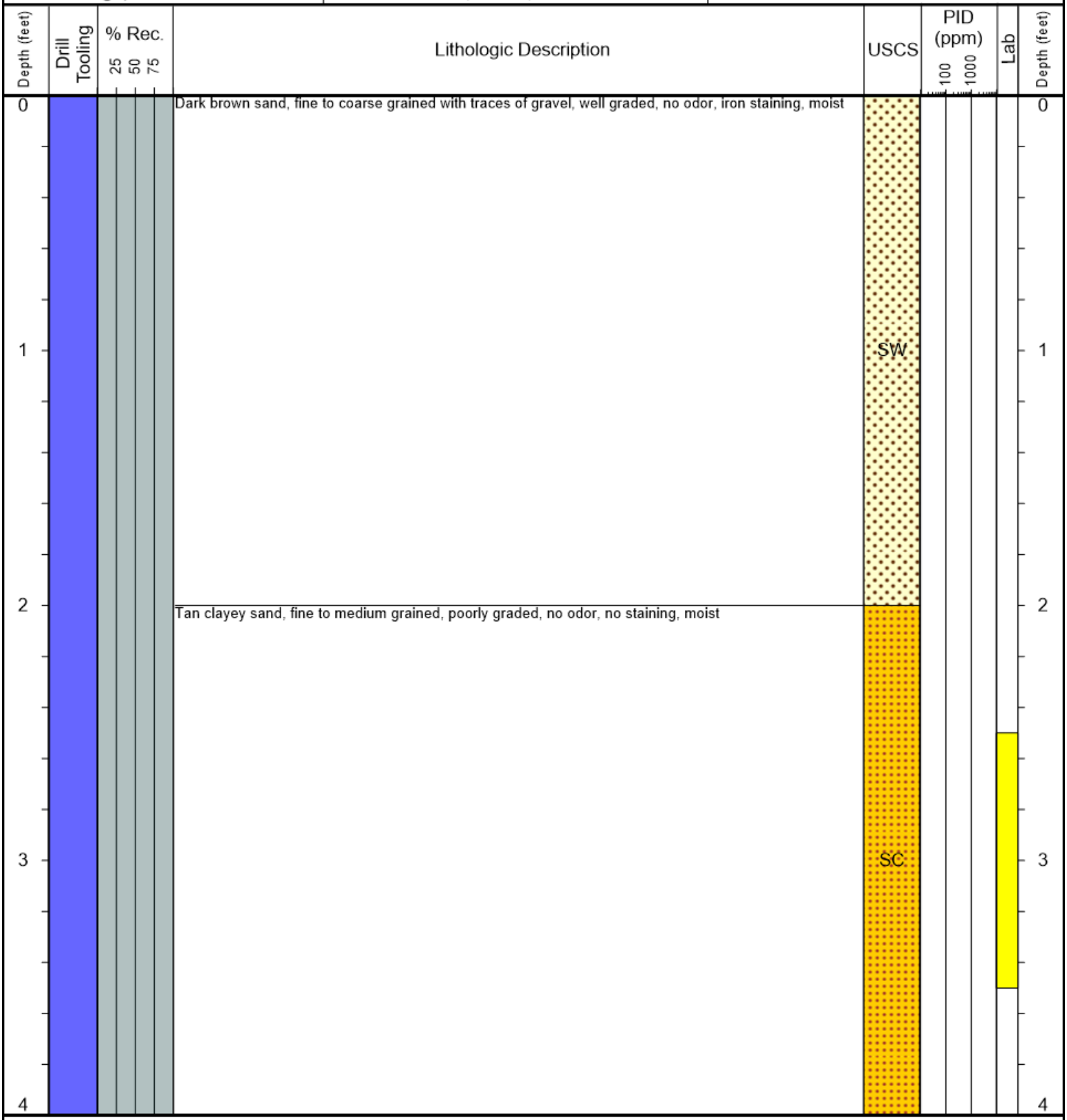
Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Dark brown clayey sand, fine to coarse grained, low plasticity, well graded, no odor, iron staining, moist				0
1			Tan clayey sand, medium grained, poorly graded, no odor, no staining, moist	SC			1
2							2
3							3
4							4

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB11
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** E of SB08
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630162
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2035	**LONGITUDE (NAD 83):** 40.366292
TOTAL WELL DEPTH (FT. BGS): 4	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil



Drilling / Sample Method:

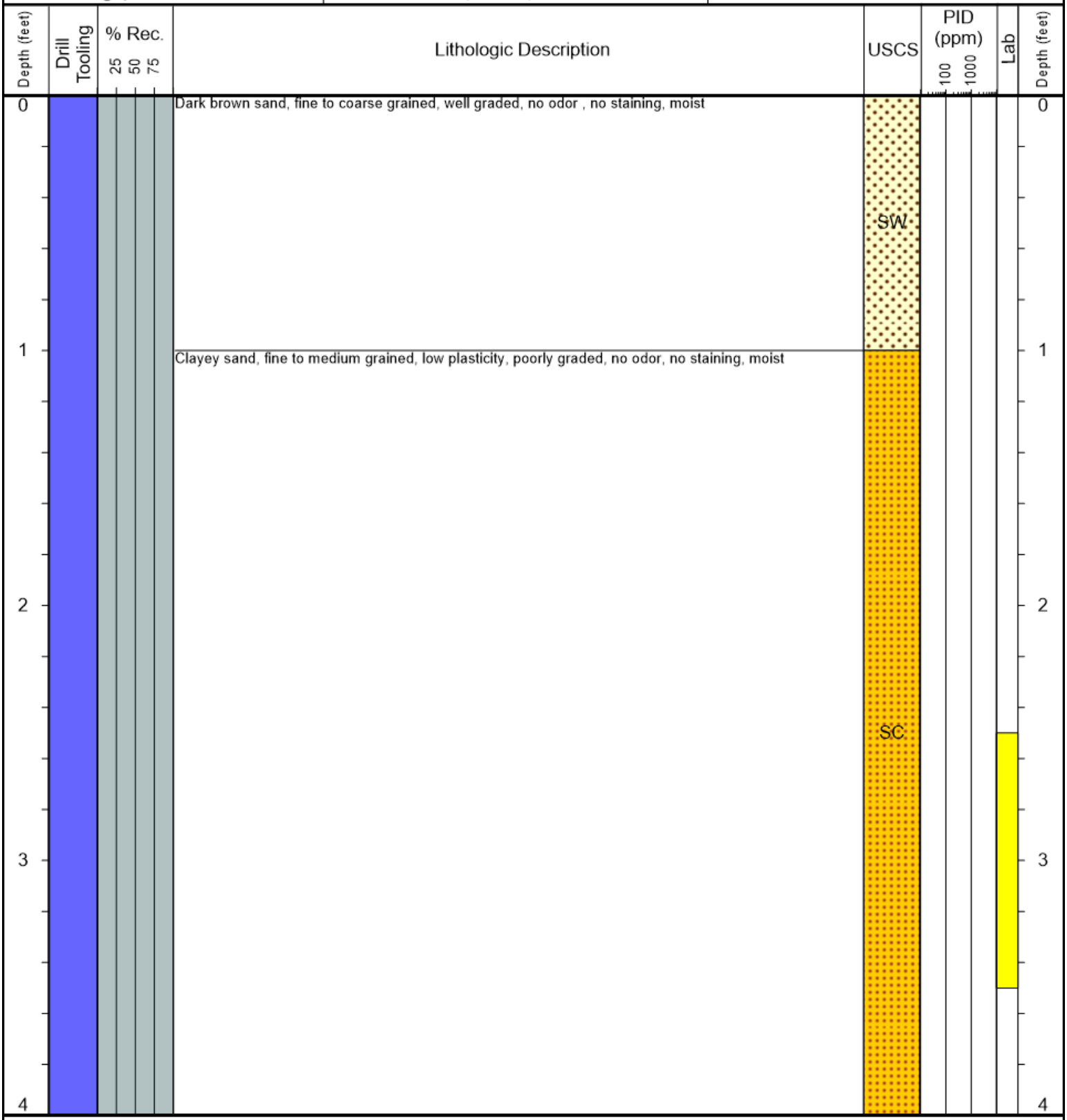
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

Laboratory Sample Types:

- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB12
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** S of SB09
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630231
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2036	**LONGITUDE (NAD 83):** 40.366222
TOTAL WELL DEPTH (FT. BGS): 4	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil



Drilling / Sample Method:

- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

Laboratory Sample Types:

- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: Ulises Sandoval	
PROJECT MANAGER: Mike Medina	**BORING ID:** SB13
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** W of SB09
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630309
DATE STARTED - COMPLETED: 5/20/2025- 5/20/2037	**LONGITUDE (NAD 83):** 40.366280
TOTAL WELL DEPTH (FT. BGS): 4	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native Soil

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Dark brown sand, fine to coarse grained, well graded, no odor, no staining, moist	SW			0
1			Brown clayey sand, fine to medium grained, low plasticity, poorly graded, no odor, no staining, moist	SC			1
2							2
3			Gray clayey sand, fine to medium grained, low plasticity, poorly graded, no odor, no staining, moist				3
4							4

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: R. Noble/J. Meier	
PROJECT MANAGER: Mike Medina	**BORING ID:** BKG01
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** SSW of BKG02
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.629934
DATE STARTED - COMPLETED: 7/25/2025- 7/25/2025	**LONGITUDE (NAD 83):** 40.366307
TOTAL WELL DEPTH (FT. BGS): 6.5	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native soil

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Brown sand, medium to fine grain, poor graded, noncohesive, loose, no odor, no staining, dry	SP			0
			Brown clayey sand, fine grain with trace medium grain, medium plasticity, no odor, no staining, dry	SC			
			Brown silty sand, fine grain, poor sorted, noncohesive, soft, loose, no odor, no staining, dry	SM			
5			Tan, orange, white sand, medium to fine grain, poor graded, soft, noncohesive, no odor, no staining, dry	SP			5

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: R. Noble/J. Meier	
PROJECT MANAGER: Mike Medina	**BORING ID:** BKG02
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** NNE of BKG01
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.629893
DATE STARTED - COMPLETED: 7/25/2025- 7/25/2025	**LONGITUDE (NAD 83):** 40.366430
TOTAL WELL DEPTH (FT. BGS): 6.5	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native soil

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Brown sand, medium to fine grain, poor graded, noncohesive, stiff/medium, no odor, no staining, dry	SP			0
			Brown clayey sand, fine grain, stiff, poorly graded, medium plasticity, no odor, no staining, dry	SC			
			Brown, orange staining, silty sand, loose, fine grain, poorly graded, noncohesive, no odor, no staining, dry	SM			
5			Brown, orange, white sand, medium to fine grain, poorly graded, noncohesive, soft, no odor, no staining, dry	SP			5

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: R. Noble/J. Meier	
PROJECT MANAGER: Mike Medina	**BORING ID:** BKG03
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** NNE of BKG02
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.629839
DATE STARTED - COMPLETED: 7/25/2025- 7/25/2025	**LONGITUDE (NAD 83):** 40.366552
TOTAL WELL DEPTH (FT. BGS): 6.5	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native soil

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Brown sand, medium to fine grain, poorly graded, noncohesive, loose, no odor, no staining, dry	SP			0
			Brown clayey sand, fine grain with trace medium grains, poorly graded, medium plasticity, no odor, no staining, dry	SC			
			Brown, black silty sand with orange staining, fine grain, poorly graded, low plasticity, medium stiffness, no odor, no staining, dry	SM			
			Brown sand, medium to fine grain, poorly graded, noncohesive, loose, no odor, no staining, dry	SP			
5			Tan sand, coarse grain, poorly graded, noncohesive, loose, no odor, no staining, dry				5
			Light brown clay with sand, fine grain, high plasticity, poorly graded, soft, no odor, no staining, dry	CL			

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: R. Noble/J. Meier	
PROJECT MANAGER: Mike Medina	**BORING ID:** BKG04
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** E of BKG05
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630024
DATE STARTED - COMPLETED: 7/25/2025- 7/25/2025	**LONGITUDE (NAD 83):** 40.366951
TOTAL WELL DEPTH (FT. BGS): 6.5	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native soil

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Brown sand with silt, medium to fine grain, stiff, noncohesive, nonplastic, poorly graded, no odor, no staining, dry	SP			0
			Light brown silty sand, fine grain, poorly grade, soft, loose, noncohesive, nonplastic, no odor, no staining, dry				
			Brown silty sand, fine grain, poorly grade, soft, loose, noncohesive, nonplastic, no odor, no staining, dry				
			Tan silty sand, fine grain, poorly grade, soft, loose, noncohesive, nonplastic, no odor, no staining, dry	SM			
5							5

Drilling / Sample Method:
- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

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

4725 Independence St.
Wheat Ridge, CO 80033

CLIENT: Noble	**Herbster F35-27**
LOGGED BY: R. Noble/J. Meier	
PROJECT MANAGER: Mike Medina	**BORING ID:** BKG05
DRILLING CONTRACTOR: Tasman	
DRILLING EQUIPMENT: Hand Auger	**LOCATION:** W of BKG04
DRILL BIT SIZE (INCHES): 2.875	**LATITUDE (NAD 83):** -104.630279
DATE STARTED - COMPLETED: 7/25/2025- 7/25/2025	**LONGITUDE (NAD 83):** 40.366865
TOTAL WELL DEPTH (FT. BGS): 6.5	**GROUND ELEVATION (FT. AMSL):** Not Measured
DEPTH TO WATER (FT. BGS): Not Encountered	**ABANDONMENT METHOD:** Native soil

Depth (feet)	Drill Tooling	% Rec. (25, 50, 75)	Lithologic Description	USCS	PID (ppm) (100, 1000)	Lab	Depth (feet)
0			Brown sand with silt, stiff, medium to fine grain, noncohesive, nonplastic, no odor, no staining, dry	SP			0
			Brown silty sand, medium, fine grain, noncohesive, nonplastic, no odor, no staining, dry	SM			
			Brown sand with silt, soft, loose fine grain, noncohesive, nonplastic, no odor, no staining, dry				
			Orangish brown sand with silt, soft, loose fine grain, noncohesive, nonplastic, no odor, no staining, dry				
			Light brown sand with silt, soft, loose fine grain, noncohesive, nonplastic, no odor, no staining, dry	SP			
5			Brown sand with silt, soft, loose fine grain, noncohesive, nonplastic, no odor, orange staining, moist				5

Drilling / Sample Method:

- Macro-Core
- Expendable Well Tip
- Hand Auger
- HydroPunch Groundwater Sampler

Laboratory Sample Types:

- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab