

**SITE ASSESSMENT REPORT**  
**SATER CC 18-17D TANK BATTERY**

**ECMC REMEDIATION # 31874**

Prepared for:



1099 18th Street  
Suite 1500  
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Prepared by:



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DATE:	May 1, 2025
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**Noble Energy, Inc. – 100322**  
**Sater CC 18-17D Tank Battery**  
 NENE, Section 18, Township 4 North, Range 63 West  
 Weld County, Colorado

SOIL BORING  
 LOCATION MAP

FIGURE  
 1

**TABLE 1**  
**FIELD DATA SUMMARY TABLE**  
**NOBLE ENERGY, INC. - 100322**  
**SATER CC18-17D TANK BATTERY, WELD COUNTY, COLORADO**  
**REM # 31874**

Sample ID	Sample Date	Depth (ft. bgs)	GPS Data Latitude/Longitude		PDOP Value	VOC Concentration (ppm)
<b><i>April 2024 Initial Decommissioning</i></b>						
AST01@0.5'	04/08/2024	0.5	40.316622	-104.474874	NC	0.1
AST02@0.5'	04/08/2024	0.5	40.316607	-104.474824	NC	0.1
FLARE01@0.5'	04/08/2024	0.5	40.316661	-104.475341	NC	0.1
FS01@4'	04/08/2024	4	40.316614	-104.474982	NC	0.6
MH01@0.5'	04/08/2024	0.5	40.316707	-104.475313	NC	0.0
MH02@0.5'	04/08/2024	0.5	40.316577	-104.475233	NC	0.1
SS01@3'	04/08/2024	3	40.316627	-104.474974	NC	0.2
SS02@3'	04/08/2024	3	40.316603	-104.474929	NC	0.6
SS03@3'	04/08/2024	3	40.316595	-104.474976	NC	0.3
SS04@3'	04/08/2024	3	40.316618	-104.475011	NC	0.1
SEP01-DL@3'	04/09/2024	3	40.316679	-104.475244	1.0	1.3
SEP01-FL@3'	04/09/2024	3	40.316670	-104.475275	1.0	1.2
SEP02-DL@3'	04/09/2024	3	40.316627	-104.475223	0.9	1.2
SEP02-FL@3'	04/09/2024	3	40.316621	-104.475271	0.9	0.8
<b><i>May 2025 Site Assessment</i></b>						
BH01@6-7'	05/01/2025	6-7	40.316621	-104.474982	0.9	1.1
BH02@4-5'	05/01/2025	4-5	40.316701	-104.474979	0.8	0.7
BH02@6-7'	05/01/2025	6-7	40.316701	-104.474979	0.8	1.1
BH03@4-5'	05/01/2025	4-5	40.316610	-104.474813	0.9	1.0
BH03@6-7'	05/01/2025	6-7	40.316610	-104.474813	0.9	1.2

Sample ID	Sample Date	Depth (ft. bgs)	GPS Data		PDOP Value	VOC Concentration (ppm)
			Latitude/Longitude			
BH04@4-5'	05/01/2025	4-5	40.316508	-104.474986	0.8	4.5
BH04@6-7'	05/01/2025	6-7	40.316508	-104.474986	0.8	0.3
BH05@4-5'	05/01/2025	4-5	40.316614	-104.475122	0.8	0.9
BH05@6-7'	05/01/2025	6-7	40.316614	-104.475122	0.8	2.0
<b>Background Samples</b>						
BG01@0.5'	04/09/2024	0.5	40.316001	-104.480058	0.9	0.4
BG01@3'	04/09/2024	3	40.316001	-104.480058	0.9	0.5
BG01@4'	04/09/2024	4	40.316001	-104.480058	0.9	0.7
BKG02@4-5'	05/01/2025	4-5	40.316928	-104.475723	0.8	0.4
BKG02@6-7'	05/01/2025	6-7	40.316928	-104.475723	0.8	0.5
BKG03@4-5'	05/01/2025	4-5	40.316719	-104.474414	1.0	1.2
BKG03@6-7'	05/01/2025	6-7	40.316719	-104.474414	1.0	1.4
BKG04@4-5'	05/01/2025	4-5	40.316350	-104.474910	0.9	0.5
BKG04@6-7'	05/01/2025	6-7	40.316350	-104.474910	0.9	0.6
BKG05@4-5'	05/01/2025	4-5	40.316398	-104.475599	0.8	0.2
BKG05@6-7'	05/01/2025	6-7	40.316398	-104.475599	0.8	0.6
BKG06@4-5'	05/01/2025	4-5	40.316660	-104.475697	0.8	0.2
BKG06@6-7'	05/01/2025	6-7	40.316660	-104.475697	0.8	0.0

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 = Data not collected

TABLE 2  
SUMMARY OF VOLATILE ORGANIC SOIL CHEMISTRY DATA  
NOBLE ENERGY, INC. - 100322  
SATER CC18-17D TANK BATTERY, WELD COUNTY, COLORADO  
REM # 31874

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**		
<b>April 2024 Initial Decommissioning</b>													
AST01@0.5'	04/08/2024	0.5	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<0.50	<50	<50
AST02@0.5'	04/08/2024	0.5	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<0.50	<50	<50
FS01@4'	04/08/2024	4	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<0.50	<50	<50
SS02@3'	04/08/2024	3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<0.50	<50	<50
SEP01-DL@3'	04/09/2024	3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<0.50	<50	<50
SEP01-FL@3'	04/09/2024	3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<0.50	<50	<50
SEP02-DL@3'	04/09/2024	3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<0.50	<50	<50
SEP02-FL@3'	04/09/2024	3	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	<0.0038	<50	<0.50	<50	<50
<b>May 2025 Site Assessment</b>													
BH01@6-7'	05/01/2025	6-7	<0.0011	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0029	<6.9	<0.22	<4.6	<6.9
BH02@4-5'	05/01/2025	4-5	<0.0010	<0.0020	<0.0020	<0.0020	<0.0020	<0.0020	<0.0027	<6.0	<0.20	<4.0	<6.0
BH02@6-7'	05/01/2025	6-7	<0.0011	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0028	<6.5	<0.22	<4.4	<6.5
BH03@4-5'	05/01/2025	4-5	<0.0010	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0026	<6.3	<0.21	<4.2	<6.3
BH03@6-7'	05/01/2025	6-7	<0.0011	<0.0023	<0.0023	<0.0023	<0.0023	<0.0023	<0.0028	<6.7	<0.23	<4.5	<6.7
BH04@4-5'	05/01/2025	4-5	<0.0011	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0027	<5.9	<0.21	<4.0	<5.9
BH04@6-7'	05/01/2025	6-7	<0.0011	<0.0022	<0.0022	<0.0022	<0.0022	<0.0022	<0.0029	<6.0	<0.22	<4.0	<6.0
BH05@4-5'	05/01/2025	4-5	<0.0011	<0.0021	<0.0021	<0.0021	<0.0021	<0.0021	<0.0027	<6.2	<0.21	<4.1	<6.2
BH05@6-7'	05/01/2025	6-7	<0.0012	<0.0024	<0.0024	<0.0024	<0.0024	<0.0024	<0.0030	<6.7	<0.24	<4.5	<6.7

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 & 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

TABLE 3  
SUMMARY OF POLYCYCLIC AROMATIC HYDROCARBON SOIL CHEMISTRY DATA  
NOBLE ENERGY, INC. - 100322  
SATER CC18-17D TANK BATTERY, WELD COUNTY, COLORADO  
REM # 31874

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	1,800	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
<b>April 2024 Initial Decommissioning</b>																
AST01@0.5'	04/08/2024	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
AST02@0.5'	04/08/2024	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@4'	04/08/2024	4	<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@3'	04/08/2024	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-DL@3'	04/09/2024	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'	04/09/2024	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
SEP02-DL@3'	04/09/2024	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
SEP02-FL@3'	04/09/2024	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
<b>May 2025 Site Assessment</b>																
BH01@6-7'	05/01/2025	6-7	<0.0029	<0.0029	<0.0029	<0.015	<0.015	<0.015	<0.0029	<0.015	<0.0029	<0.0029	<0.015	<0.0029	<0.0029	<0.0029
BH02@4-5'	05/01/2025	4-5	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027
BH02@6-7'	05/01/2025	6-7	<0.0028	<0.0028	<0.0028	<0.014	<0.014	<0.014	<0.0028	<0.014	<0.0028	<0.0028	<0.014	<0.0028	<0.0028	<0.0028
BH03@4-5'	05/01/2025	4-5	<0.0026	<0.0026	<0.0026	<0.013	<0.013	<0.013	<0.0026	<0.013	<0.0026	<0.0026	<0.013	<0.0026	<0.0026	<0.0026
BH03@6-7'	05/01/2025	6-7	<0.0028	<0.0028	<0.0028	<0.014	<0.014	<0.014	<0.0028	<0.014	<0.0028	<0.0028	<0.014	<0.0028	<0.0028	<0.0028
BH04@4-5'	05/01/2025	4-5	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027
BH04@6-7'	05/01/2025	6-7	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029	<0.0029
BH05@4-5'	05/01/2025	4-5	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027	<0.0027
BH05@6-7'	05/01/2025	6-7	<0.0030	<0.0030	0.0016	<0.0030	<0.0030	<0.0030	0.00054	<0.0030	0.0011	<0.0030	<0.0030	<0.0030	<0.0030	<0.0030

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)

(<) = Analytical result is less than the indicated laboratory reporting limit.

mg/kg = Milligrams per kilogram

ft. = Feet

bgs = Below ground surface

**TABLE 4**  
**SUMMARY OF SOIL SUITABILITY FOR RECLAMATION**  
**NOBLE ENERGY, INC. - 100322**  
**SATER CC18-17D TANK BATTERY, WELD COUNTY, COLORADO**  
**REM # 31874**

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
<i>April 2024 Initial Decommissioning</i>						
AST01@0.5'	04/08/2024	0.5	7.61	0.0148	0.0270	<2.00
AST02@0.5'	04/08/2024	0.5	8.77	0.112	0.134	<2.00
FS01@4'	04/08/2024	4	8.85	0.0997	0.0970	<2.00
SS02@3'	04/08/2024	3	8.05	0.0285	0.0650	<2.00
SEP01-DL@3'	04/09/2024	3	8.16	0.0407	0.0549	<2.00
SEP01-FL@3'	04/09/2024	3	8.19	0.0635	0.108	<2.00
SEP02-DL@3'	04/09/2024	3	8.40	0.147	0.252	<2.00
SEP02-FL@3'	04/09/2024	3	8.60	0.0250	0.107	<2.00
<i>May 2025 Site Assessment</i>						
BH01@6-7'	05/01/2025	6-7	8.27	0.58	1.71	<0.50
BH02@4-5'	05/01/2025	4-5	7.40	0.89	0.192	<0.50
BH02@6-7'	05/01/2025	6-7	7.79	0.84	0.255	<0.50
BH03@4-5'	05/01/2025	4-5	7.59	0.62	0.526	<0.50
BH03@6-7'	05/01/2025	6-7	7.29	0.77	0.355	<0.50
BH04@4-5'	05/01/2025	4-5	7.77	0.33	0.249	<0.50
BH04@6-7'	05/01/2025	6-7	7.19	0.42	0.165	<0.50
BH05@4-5'	05/01/2025	4-5	7.88	0.37	0.136	<0.50
BH05@6-7'	05/01/2025	6-7	7.55	0.41	0.215	<0.50

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
<b>Background Sampling</b>						
BG01@0.5'	04/09/2024	0.5	7.65	NA	NA	NA
BG01@3'	04/09/2024	3	8.37	NA	NA	NA
BG01@4'	04/09/2024	4	8.71	NA	NA	NA
BKG02@4-5'	05/01/2025	4-5	8.44	0.17	0.680	<0.50
BKG02@6-7'	05/01/2025	6-7	7.85	0.56	1.27	<0.50
BKG03@4-5'	05/01/2025	4-5	7.61	0.51	0.361	<0.50
BKG03@6-7'	05/01/2025	6-7	7.65	0.55	0.810	<0.50
BKG04@4-5'	05/01/2025	4-5	7.49	0.64	0.348	<0.50
BKG04@6-7'	05/01/2025	6-7	7.46	1.5	0.864	<0.50
BKG05@4-5'	05/01/2025	4-5	7.62	0.27	0.280	<0.50
BKG05@6-7'	05/01/2025	6-7	7.70	0.57	0.851	<0.50
BKG06@4-5'	05/01/2025	4-5	7.66	0.35	0.318	<0.50
BKG06@6-7'	05/01/2025	6-7	7.90	0.38	0.906	<0.50
Maximum Background Concentration			8.71	-	-	-

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x maximum 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.

NA - Not analyzed

ECMC = Colorado Energy & Carbon Management Commission

EC = Electrical conductivity

SAR = Sodium adsorption ratio

mmhos/cm = millimhos per centimeter

mg/L = milligram per liter

(<) = Analytical result is less than the indicated laboratory reporting limit.

ft. = Feet

bgs = Below ground surface

**TABLE 5**  
**SUMMARY OF METALS IN SOIL CHEMISTRY DATA**  
**NOBLE ENERGY, INC. - 100322**  
**SATER CC18-17D TANK BATTERY, WELD COUNTY, COLORADO**  
**REM # 31874**

Sample ID	Sample Date	Depth (ft. bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) <sup>(4)</sup> (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	15,000	71	0.3	3,100	400	1,500	390	390	23,000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
<b>April 2024 Initial Decommissioning</b>												
AST01@0.5'	04/08/2024	0.5	2.17	79.9	0.358	<0.30*	5.48	10.6	4.72	<0.260	0.0559	18.0
AST02@0.5'	04/08/2024	0.5	2.38	45.9	<0.200	<0.30*	4.06	6.71	4.11	<0.260	0.0376	15.0
FS01@4'	04/08/2024	4	1.82	56.7	<0.200	<0.30*	3.98	5.01	3.87	<0.260	0.0408	14.7
SS02@3'	04/08/2024	3	2.09	67.2	0.272	<0.30*	5.45	7.19	4.31	<0.234	0.0481	17.5
SEP01-DL@3'	04/09/2024	3	1.46	55.0	<0.179	<0.30*	3.80	3.72	2.86	<0.232	0.0240	16.7
SEP01-FL@3'	04/09/2024	3	1.61	63.2	0.200	<0.30*	5.82	5.05	3.54	<0.260	0.0278	23.1
SEP02-DL@3'	04/09/2024	3	1.66	61.0	<0.200	<0.30*	5.54	4.95	3.48	<0.260	0.0253	22.6
SEP02-FL@3'	04/09/2024	3	1.74	68.1	0.220	<0.30*	6.88	6.01	3.81	<0.260	0.0310	26.0
<b>May 2025 Site Assessment</b>												
BH01@6-7'	05/01/2025	6-7	2.1	127	0.15	<0.47*	9.9	8.2	8.2	4.0	<0.29	42.2
BH02@4-5'	05/01/2025	4-5	1.9	66.6	<0.13	<0.44*	4.0	4.7	3.8	2.2	<0.26	16.6
BH02@6-7'	05/01/2025	6-7	2.8	124	0.16	<0.44*	5.7	6.4	6.6	2.7	<0.27	25.7
BH03@4-5'	05/01/2025	4-5	2.1	66.8	<0.13	<0.44*	3.3	4.1	3.5	2.1	<0.26	14.9
BH03@6-7'	05/01/2025	6-7	3.4	114	<0.13	<0.47*	4.2	5.1	5.5	1.9	<0.27	18.9
BH04@4-5'	05/01/2025	4-5	3.0	109	0.18	<0.43*	5.9	6.4	6.2	3.1	<0.26	27.0
BH04@6-7'	05/01/2025	6-7	2.7	254	0.42	<0.45*	15.9	13.4	12.9	4.8	<0.28	64.2
BH05@4-5'	05/01/2025	4-5	2.7	89.6	0.13	<0.42*	4.7	5.3	5.1	2.6	<0.26	24.9
BH05@6-7'	05/01/2025	6-7	1.8	145	0.31	<0.48*	12.0	10	8.5	3.5	<0.30	48.5
<b>Background Sampling</b>												
BG01@0.5'	04/09/2024	0.5	1.64	78.5	0.205	<0.30*	7.95	6.52	3.94	<0.260	0.0290	26.7
BG01@3'	04/09/2024	3	1.67	62.1	<0.200	<0.30*	4.92	4.51	3.47	<0.260	0.0349	22.3
BG01@4'	04/09/2024	4	1.71	59.7	<0.181	<0.30*	5.04	4.56	3.18	<0.236	0.0224	19.5
BKG02@4-5'	05/01/2025	4-5	1.4	57.3	<0.13	<0.43*	3.8	4.0	3.7	2.2	<0.26	17.3
BKG02@6-7'	05/01/2025	6-7	2.2	57.1	<0.13	<0.4*	2.5	2.9	2.8	1.5	<0.26	12.2
BKG03@4-5'	05/01/2025	4-5	3.1	69.4	<0.13	<0.43*	3.5	4.1	3.5	1.7	<0.25	14.9
BKG03@6-7'	05/01/2025	6-7	3.1	149	0.16	<0.44*	8.2	8.7	7.1	3.0	<0.25	31.7
BKG04@4-5'	05/01/2025	4-5	1.7	71.0	<0.13	<0.42*	3.4	4.0	3.5	2.3	<0.26	17.0

Sample ID	Sample Date	Depth (ft. bgs)	Arsenic (mg/kg)	Barium (mg/kg)	Cadmium (mg/kg)	Chromium (VI) <sup>(4)</sup> (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	15,000	71	0.3	3,100	400	1,500	390	390	23,000
ECMC Table 915-1 Limits (Protection of Groundwater SSL)			0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
BKG04@6-7'	05/01/2025	6-7	2.9	174	0.28	<0.42*	11.2	9.9	9.7	4.3	<0.27	46.8
BKG05@4-5'	05/01/2025	4-5	2.6	85.6	<0.12	<0.40*	5.1	5.7	5.7	2.7	<0.24	24.1
BKG05@6-7'	05/01/2025	6-7	3.0	112	<0.13	<0.44*	4.8	6.3	6.6	3.3	<0.27	27.5
BKG06@4-5'	05/01/2025	4-5	1.5	63.8	<0.12	<0.41*	3.2	4.1	3.4	2.3	<0.24	14.6
BKG06@6-7'	05/01/2025	6-7	2.4	75.9	<0.13	<0.43*	4.8	5.9	5.8	2.4	<0.26	22.7
1.25x Maximum Background Concentration			3.9	218	0.35	-	-	-	-	5.4	-	-

1. **Bold** faced values exceed the ECMC Table 915-1 limit(s), but are within 1.25x maximum background concentrations.

2. **Red** 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. Compound falls within 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

\* Indicates laboratory minimum detection limit in excess of SSL

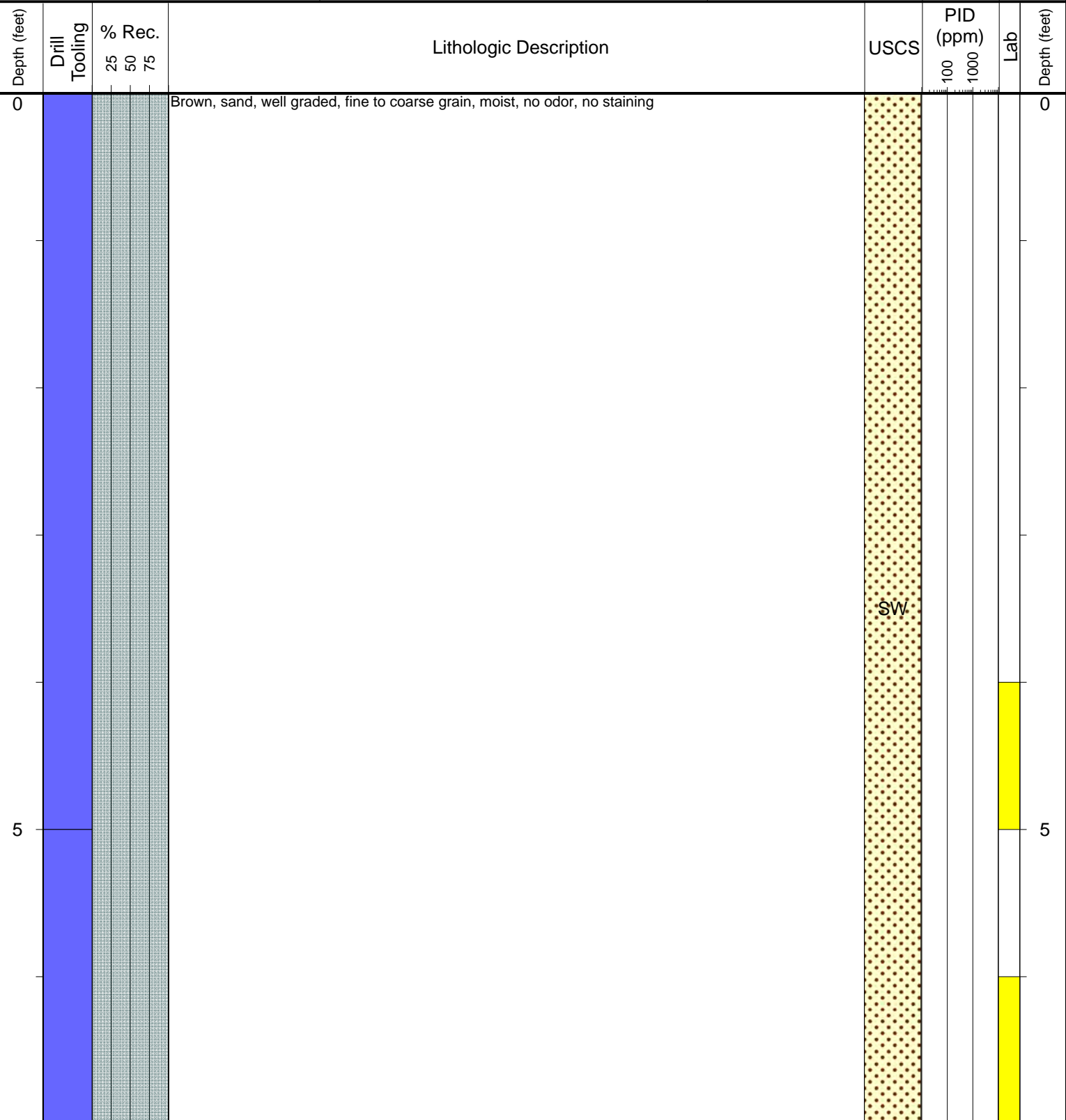




**CLIENT:** Noble  
**LOGGED BY:** Billy Morrow  
**PROJECT MANAGER:** Eric Vonde  
**DRILLING CONTRACTOR:** Tasman  
**DRILLING EQUIPMENT:** Hand Auger  
**DRILL BIT SIZE (INCHES):** 2.375  
**DATE STARTED - COMPLETED:** 5/1/2025 - 5/1/2025  
**TOTAL WELL DEPTH (FT. BGS):** 7  
**DEPTH TO WATER (FT. BGS):** Not Encountered

**Sater CC18-17D**  
**BORING ID:** BH02  
**LOCATION:** Weld County, Colorado  
**LATITUDE (NAD 83):** 40.316703  
**LONGITUDE (NAD 83):** -104.474983  
**GROUND ELEVATION (FT. AMSL):** Not Measured  
**ABANDONMENT METHOD:** Native Soil

**4725 Independence St.**  
**Wheat Ridge, CO 80033**



**Drilling / Sample Method:**

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

**Laboratory Sample Types:**

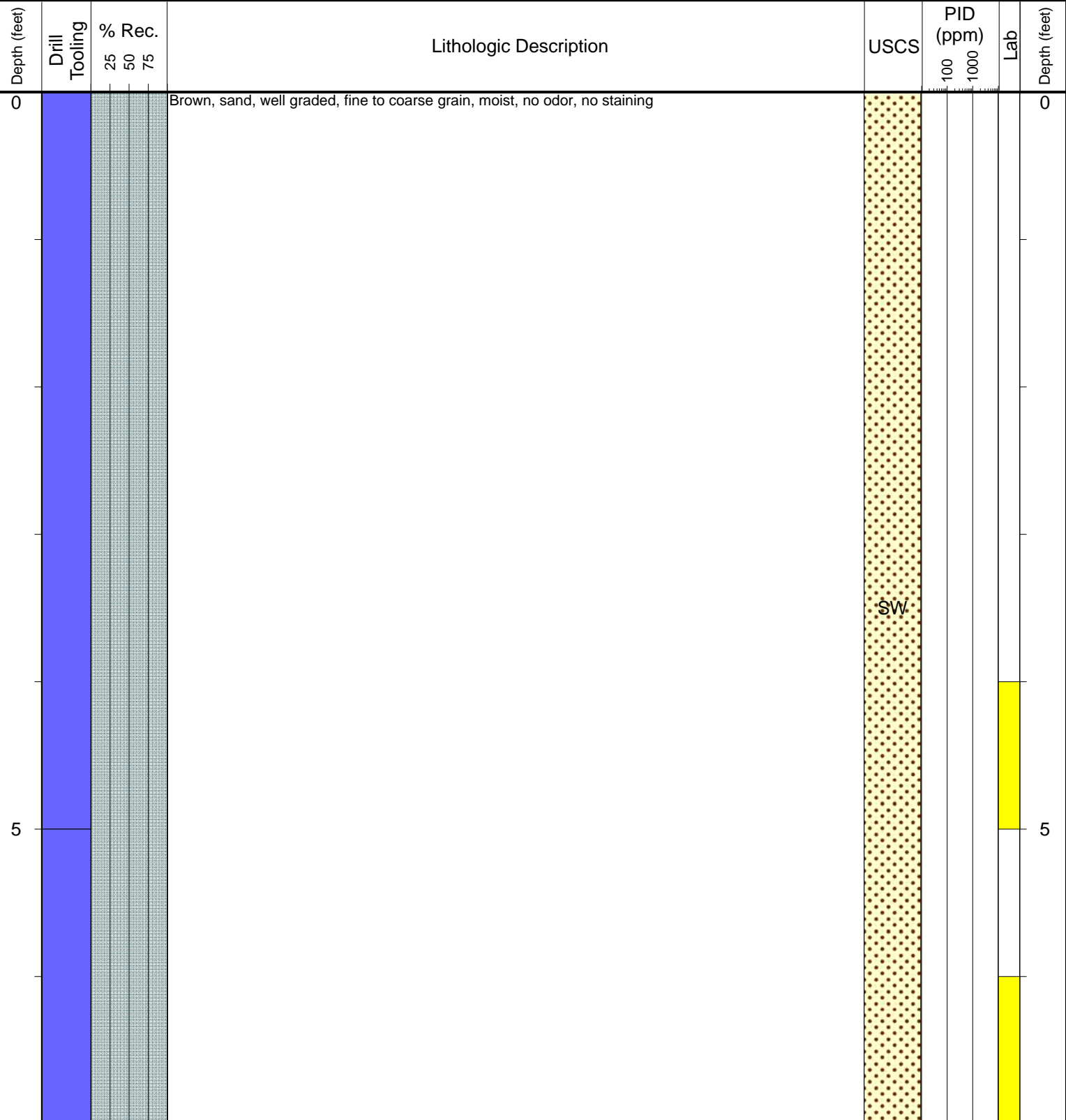
- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab



**CLIENT:** Noble  
**LOGGED BY:** Billy Morrow  
**PROJECT MANAGER:** Eric Vonde  
**DRILLING CONTRACTOR:** Tasman  
**DRILLING EQUIPMENT:** Hand Auger  
**DRILL BIT SIZE (INCHES):** 2.375  
**DATE STARTED - COMPLETED:** 5/1/2025 - 5/1/2025  
**TOTAL WELL DEPTH (FT. BGS):** 7  
**DEPTH TO WATER (FT. BGS):** Not Encountered

**Sater CC18-17D**  
**BORING ID:** BH03  
**LOCATION:** Weld County, Colorado  
**LATITUDE (NAD 83):** 40.316608  
**LONGITUDE (NAD 83):** -104.474824  
**GROUND ELEVATION (FT. AMSL):** Not Measured  
**ABANDONMENT METHOD:** Native Soil

**4725 Independence St.**  
**Wheat Ridge, CO 80033**



**Drilling / Sample Method:**

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

**Laboratory Sample Types:**

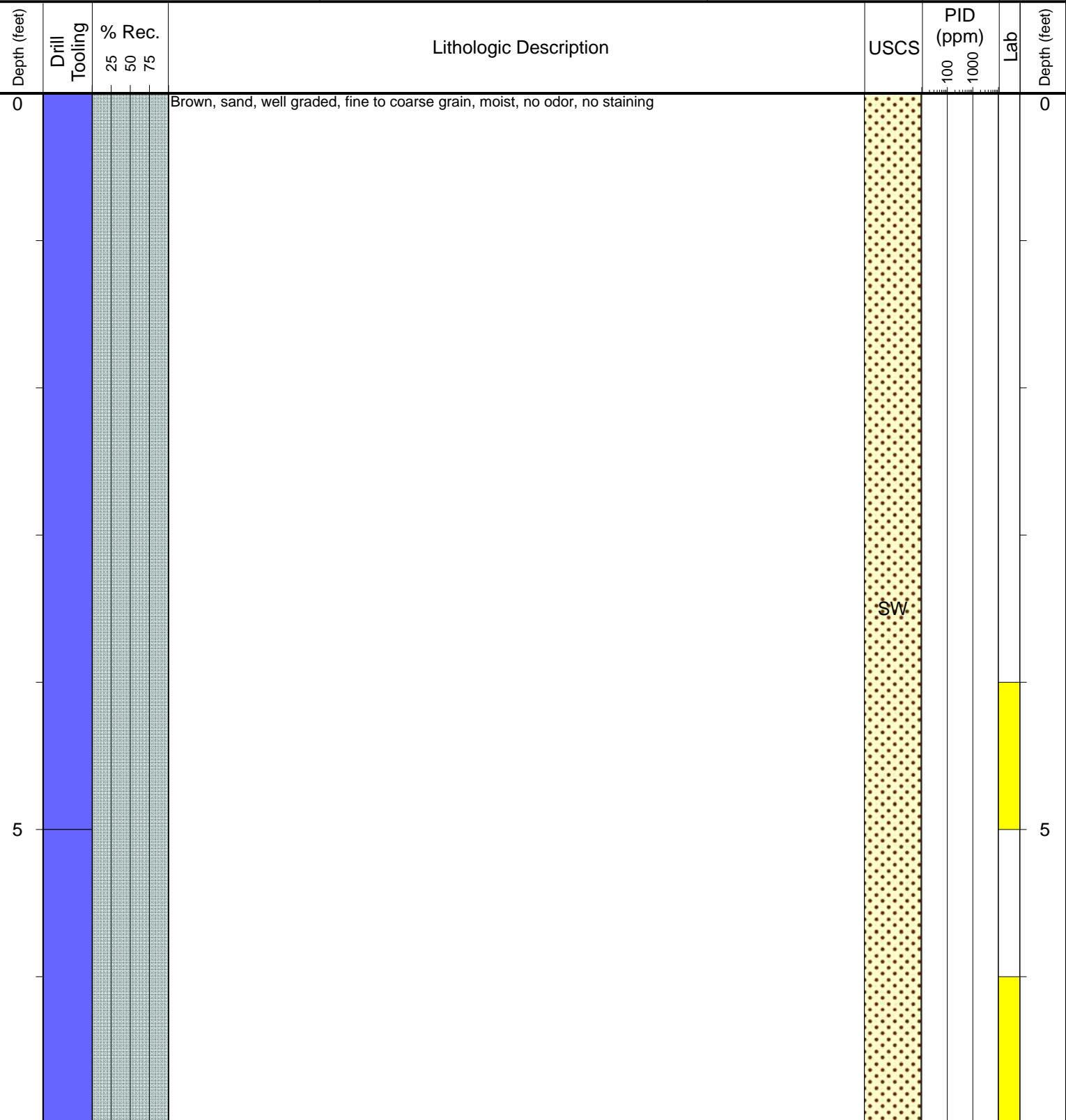
- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab



**CLIENT:** Noble  
**LOGGED BY:** Billy Morrow  
**PROJECT MANAGER:** Eric Vonde  
**DRILLING CONTRACTOR:** Tasman  
**DRILLING EQUIPMENT:** Hand Auger  
**DRILL BIT SIZE (INCHES):** 2.375  
**DATE STARTED - COMPLETED:** 5/1/2025 - 5/1/2025  
**TOTAL WELL DEPTH (FT. BGS):** 7  
**DEPTH TO WATER (FT. BGS):** Not Encountered

**Sater CC18-17D**  
**BORING ID:** BH04  
**LOCATION:** Weld County, Colorado  
**LATITUDE (NAD 83):** 40.316509  
**LONGITUDE (NAD 83):** -104.474984  
**GROUND ELEVATION (FT. AMSL):** Not Measured  
**ABANDONMENT METHOD:** Native Soil

**4725 Independence St.**  
**Wheat Ridge, CO 80033**



**Drilling / Sample Method:**

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

**Laboratory Sample Types:**

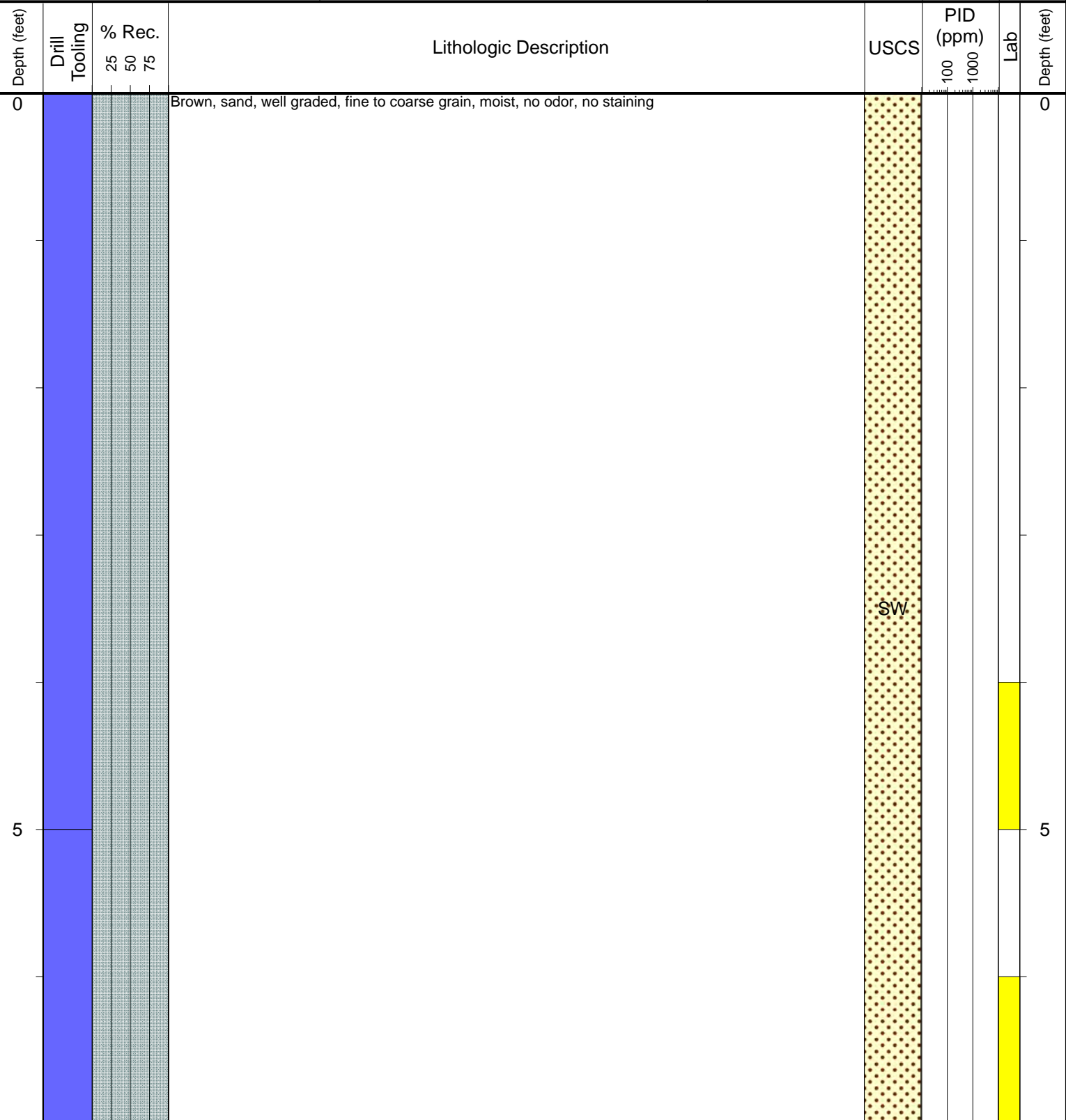
- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab



**CLIENT:** Noble  
**LOGGED BY:** Billy Morrow  
**PROJECT MANAGER:** Eric Vonde  
**DRILLING CONTRACTOR:** Tasman  
**DRILLING EQUIPMENT:** Hand Auger  
**DRILL BIT SIZE (INCHES):** 2.375  
**DATE STARTED - COMPLETED:** 5/1/2025 - 5/1/2025  
**TOTAL WELL DEPTH (FT. BGS):** 7  
**DEPTH TO WATER (FT. BGS):** Not Encountered

**Sater CC18-17D**  
**BORING ID:** BH05  
**LOCATION:** Weld County, Colorado  
**LATITUDE (NAD 83):** 40.316616  
**LONGITUDE (NAD 83):** -104.475122  
**GROUND ELEVATION (FT. AMSL):** Not Measured  
**ABANDONMENT METHOD:** Native Soil

**4725 Independence St.**  
**Wheat Ridge, CO 80033**



**Drilling / Sample Method:**

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

**Laboratory Sample Types:**

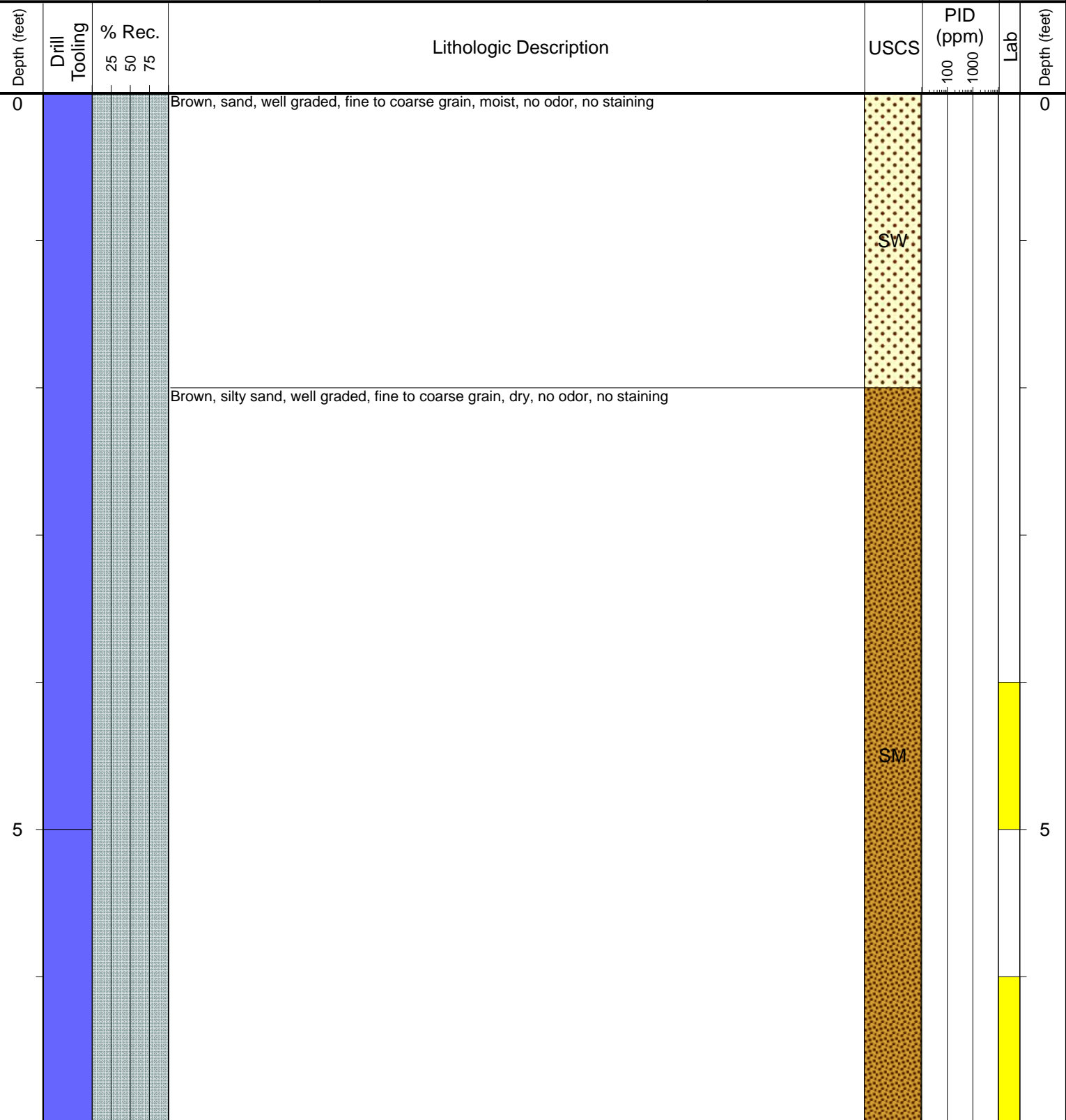
- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab



**CLIENT:** Noble  
**LOGGED BY:** Billy Morrow  
**PROJECT MANAGER:** Eric Vonde  
**DRILLING CONTRACTOR:** Tasman  
**DRILLING EQUIPMENT:** Hand Auger  
**DRILL BIT SIZE (INCHES):** 2.375  
**DATE STARTED - COMPLETED:** 5/1/2025 - 5/1/2025  
**TOTAL WELL DEPTH (FT. BGS):** 7  
**DEPTH TO WATER (FT. BGS):** Not Encountered

**Sater CC18-17D**  
**BORING ID:** BKG02  
**LOCATION:** Weld County, Colorado  
**LATITUDE (NAD 83):** 40.316930  
**LONGITUDE (NAD 83):** -104.475726  
**GROUND ELEVATION (FT. AMSL):** Not Measured  
**ABANDONMENT METHOD:** Native Soil

**4725 Independence St.**  
**Wheat Ridge, CO 80033**



**Drilling / Sample Method:**

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

**Laboratory Sample Types:**

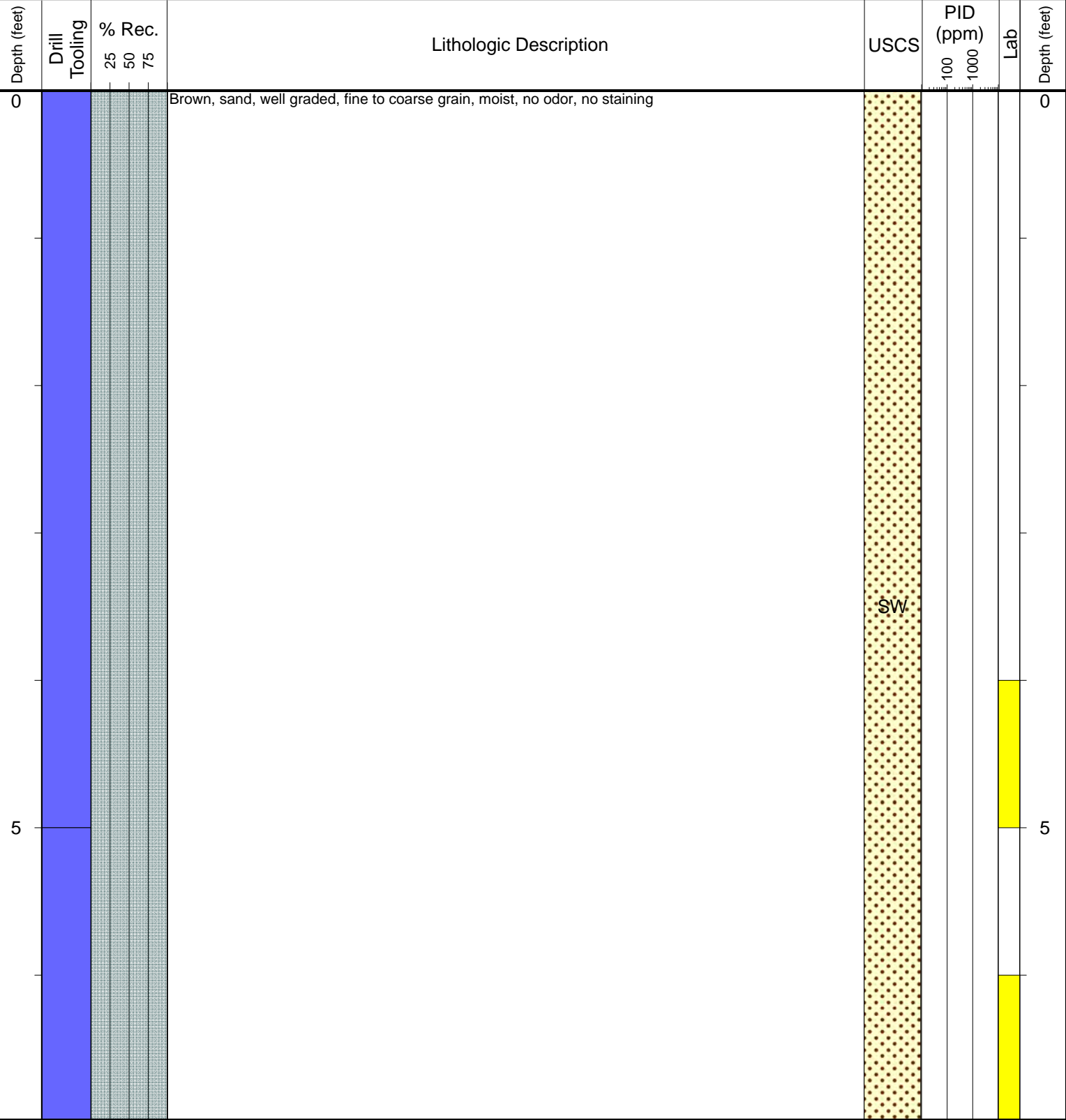
- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab



**CLIENT:** Noble  
**LOGGED BY:** Billy Morrow  
**PROJECT MANAGER:** Eric Vonde  
**DRILLING CONTRACTOR:** Tasman  
**DRILLING EQUIPMENT:** Hand Auger  
**DRILL BIT SIZE (INCHES):** 2.375  
**DATE STARTED - COMPLETED:** 5/1/2025 - 5/1/2025  
**TOTAL WELL DEPTH (FT. BGS):** 7  
**DEPTH TO WATER (FT. BGS):** Not Encountered

**Sater CC18-17D**  
**BORING ID:** BKG03  
**LOCATION:** Weld County, Colorado  
**LATITUDE (NAD 83):** 40.316715  
**LONGITUDE (NAD 83):** -104.474421  
**GROUND ELEVATION (FT. AMSL):** Not Measured  
**ABANDONMENT METHOD:** Native Soil

**4725 Independence St.**  
**Wheat Ridge, CO 80033**



**Drilling / Sample Method:**

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

**Laboratory Sample Types:**

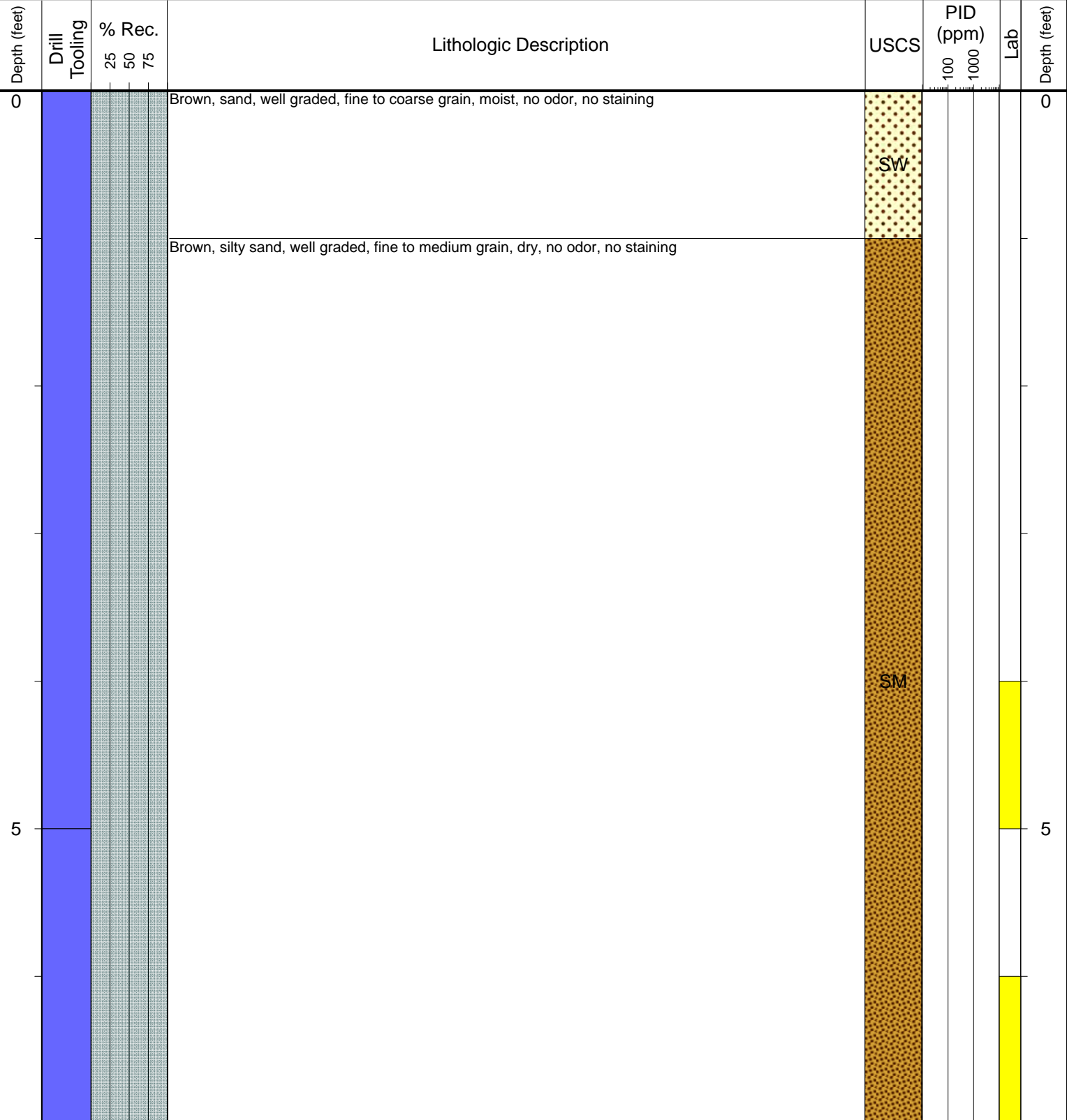
- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab



**CLIENT:** Noble  
**LOGGED BY:** Billy Morrow  
**PROJECT MANAGER:** Eric Vonde  
**DRILLING CONTRACTOR:** Tasman  
**DRILLING EQUIPMENT:** Hand Auger  
**DRILL BIT SIZE (INCHES):** 2.375  
**DATE STARTED - COMPLETED:** 5/1/2025 - 5/1/2025  
**TOTAL WELL DEPTH (FT. BGS):** 7  
**DEPTH TO WATER (FT. BGS):** Not Encountered

**Sater CC18-17D**  
**BORING ID:** BKG04  
**LOCATION:** Weld County, Colorado  
**LATITUDE (NAD 83):** 40.316348  
**LONGITUDE (NAD 83):** -104.474905  
**GROUND ELEVATION (FT. AMSL):** Not Measured  
**ABANDONMENT METHOD:** Native Soil

**4725 Independence St.**  
**Wheat Ridge, CO 80033**



**Drilling / Sample Method:**

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

**Laboratory Sample Types:**

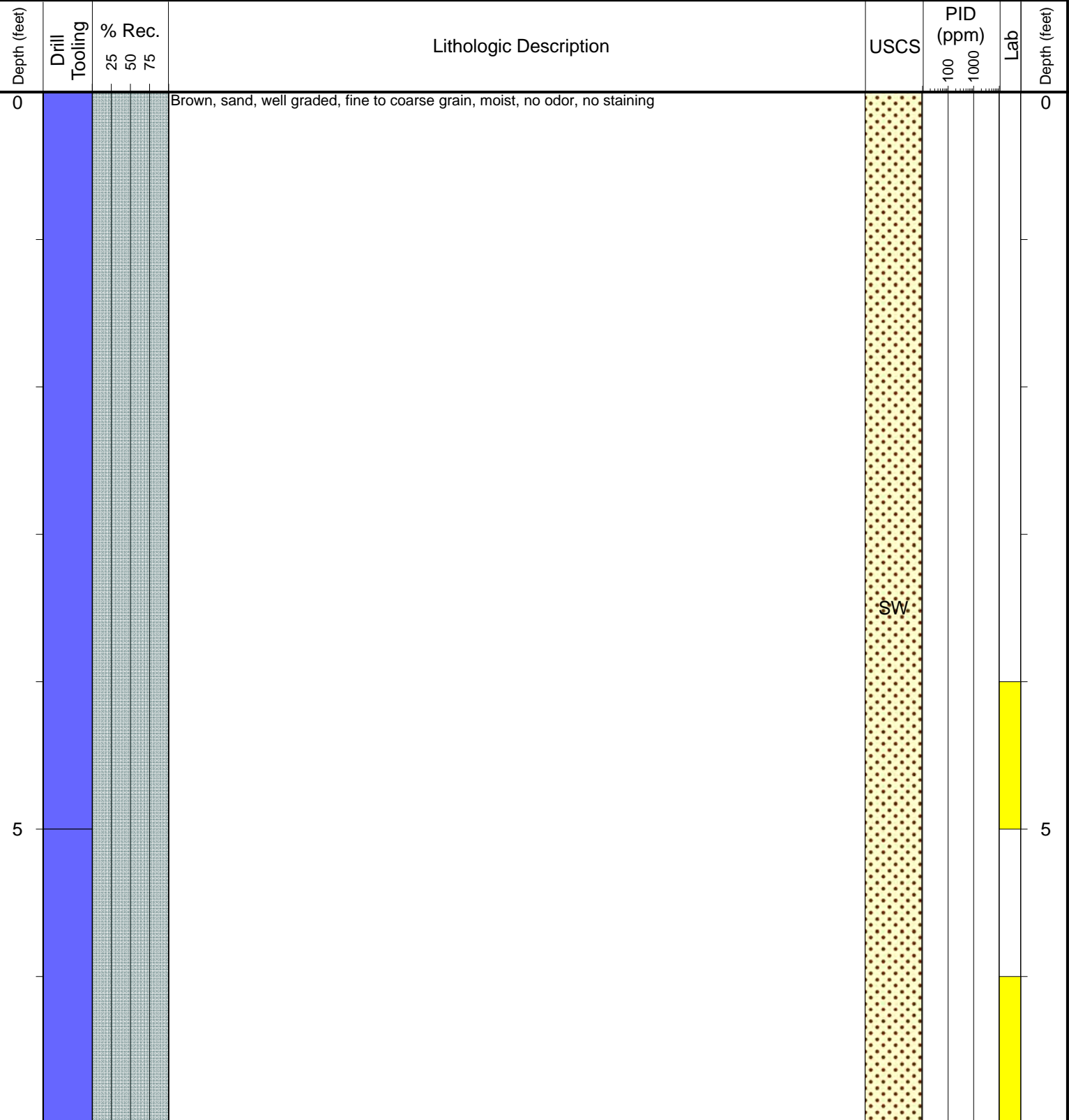
- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab



**CLIENT:** Noble  
**LOGGED BY:** Billy Morrow  
**PROJECT MANAGER:** Eric Vonde  
**DRILLING CONTRACTOR:** Tasman  
**DRILLING EQUIPMENT:** Hand Auger  
**DRILL BIT SIZE (INCHES):** 2.375  
**DATE STARTED - COMPLETED:** 5/1/2025 - 5/1/2025  
**TOTAL WELL DEPTH (FT. BGS):** 7  
**DEPTH TO WATER (FT. BGS):** Not Encountered

**Sater CC18-17D**  
**BORING ID:** BKG05  
**LOCATION:** Weld County, Colorado  
**LATITUDE (NAD 83):** 40.316397  
**LONGITUDE (NAD 83):** -104.475598  
**GROUND ELEVATION (FT. AMSL):** Not Measured  
**ABANDONMENT METHOD:** Native Soil

**4725 Independence St.**  
**Wheat Ridge, CO 80033**



**Drilling / Sample Method:**

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

**Laboratory Sample Types:**

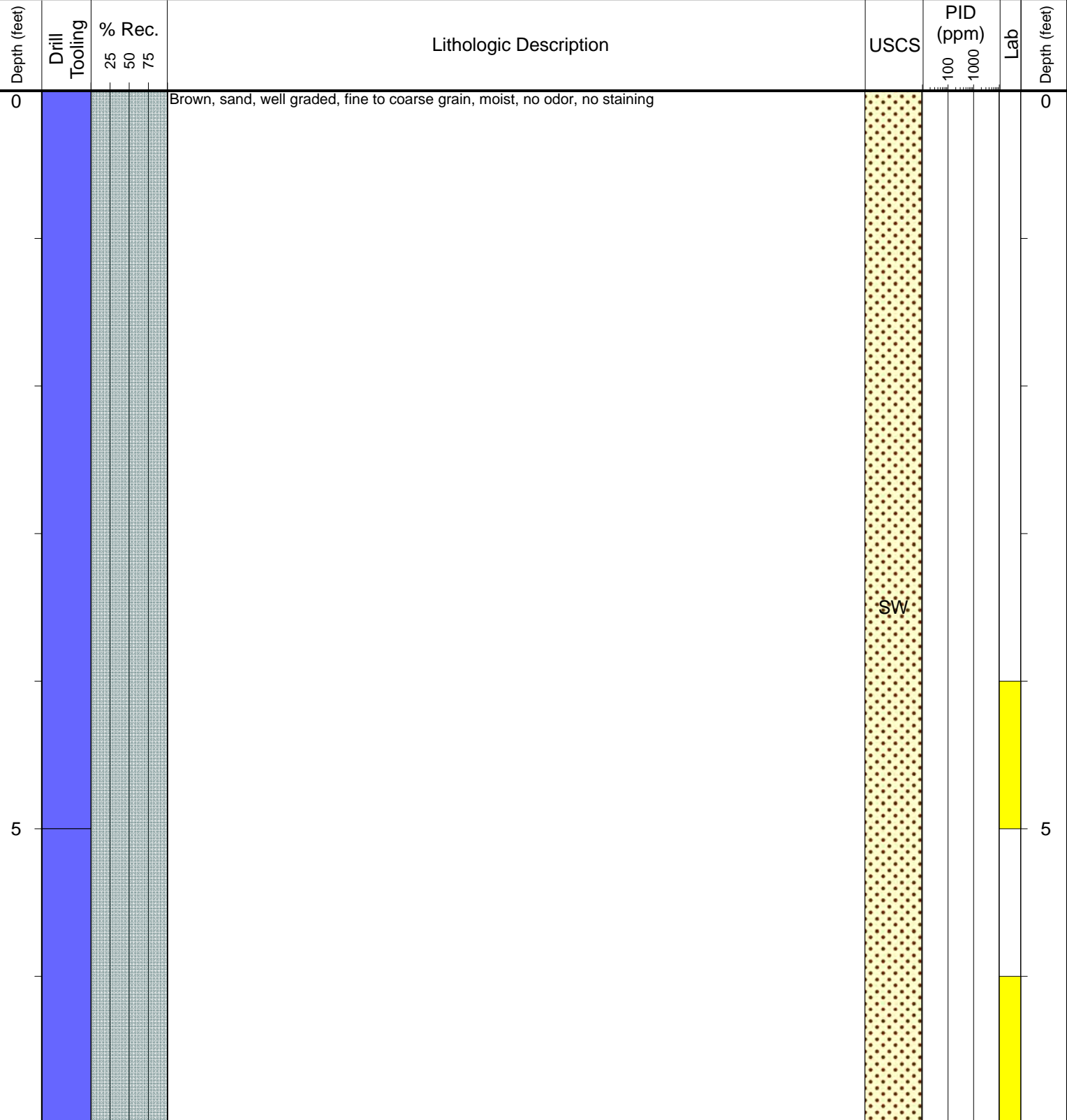
- Geotechnical Lab
- Analytical Chemistry Lab
- Geotechnical & Analytical Chemistry Lab



**CLIENT:** Noble  
**LOGGED BY:** Billy Morrow  
**PROJECT MANAGER:** Eric Vonde  
**DRILLING CONTRACTOR:** Tasman  
**DRILLING EQUIPMENT:** Hand Auger  
**DRILL BIT SIZE (INCHES):** 2.375  
**DATE STARTED - COMPLETED:** 5/1/2025 - 5/1/2025  
**TOTAL WELL DEPTH (FT. BGS):** 7  
**DEPTH TO WATER (FT. BGS):** Not Encountered

**Sater CC18-17D**  
**BORING ID:** BKG06  
**LOCATION:** Weld County, Colorado  
**LATITUDE (NAD 83):** 40.316663  
**LONGITUDE (NAD 83):** -104.475695  
**GROUND ELEVATION (FT. AMSL):** Not Measured  
**ABANDONMENT METHOD:** Native Soil

**4725 Independence St.**  
**Wheat Ridge, CO 80033**



**Drilling / Sample Method:**

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

**Laboratory Sample Types:**

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