

SITE ASSESSMENT REPORT
KASTNER 41-03 FLOWLINE
ECMC SPILL TRACKING # 479965
ECMC REMEDIATION # 17229

Prepared for:



2115 117th Avenue
Greeley, CO 80631

Prepared by:



6855 W. 119th Ave
Broomfield, CO 80020

TABLES

TABLE 1
SOIL ANALYTICAL DATA
NOBLE ENERGY, INC. - KASTNER 41-03 FLOWLINE

Soil Sample ID	Date	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 ^{1,2}		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 ^{1,2,3}		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
FL01-B@4'	04/28/21	<0.0020	0.0063	0.0085	0.15	0.013	0.26	0.0049	21	96	<50	<0.00500	0.0273	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	<0.00500	0.00559	0.0112	<0.00500	0.00506	0.0286	0.0600
BH01@4'	08/12/21	<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	
BH01@12'	08/12/21	<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	
BH02@4'	08/12/21	<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	
BH02@12'	08/12/21	<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	
BH03@4'	08/12/21	<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	
BH03@12'	08/12/21	<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	
BH04@4'	08/12/21	<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	
BH04@12'	08/12/21	<0.0020	<0.0050	<0.0050	<0.010	<0.0050	<0.0050	0.0056	<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	
BH04R@4'	12/21/21	<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	
BH04R@13-14	12/21/21	<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	
BH05@4'	08/12/21	<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	
BH05@12'	08/12/21	<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	
BH06@4'	12/21/21	<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	
BH06@13-14'	12/21/21	<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	
BH07@4'	12/21/21	<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	
BH07@13-14'	12/21/21	<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	
BH08@4'	12/21/21	<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	
BH08@13-14'	12/21/21	<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	

Soil Sample ID	Date	pH	SAR	EC (mmhos/cm)	Boron (mg/L)
SSR ^{1,2}		6 - 8.3	<6	<4mmhos/cm	2
FL01-B@4'	04/28/21	8.38	0.297	0.576	0.0683
BH01@4'	08/12/21	8.09	0.851	0.321	0.0919
BH01@12'	08/12/21	8.15	0.958	0.728	0.0429
BH02@4'	08/12/21	8.04	0.622	0.495	0.0544
BH02@12'	08/12/21	7.98	0.747	0.968	0.0819
BH03@4'	08/12/21	8.04	0.567	0.930	0.0605
BH03@12'	08/12/21	8.02	0.565	0.645	0.0452
BH04@4'	08/12/21	8.15	0.390	0.472	0.0668
BH04@12'	08/12/21	8.09	0.649	0.477	0.0881
BH04R@4'	12/21/21	8.79	NA	NA	NA
BH04R@13-14	12/21/21	8.44	NA	NA	NA
BH05@4'	08/12/21	7.94	0.227	0.826	0.128
BH05@12'	08/12/21	8.31	0.363	0.342	0.0421
BH06@4'	12/21/21	7.94	NA	NA	NA
BH06@13-14'	12/21/21	8.48	NA	NA	NA
BH07@4'	12/21/21	8.51	NA	NA	NA
BH07@13-14'	12/21/21	8.35	NA	NA	NA
BH08@4'	12/21/21	8.69	NA	NA	NA
BH08@13-14'	12/21/21	8.57	NA	NA	NA
BG01@4'	08/12/21	7.50	NA	NA	NA
BG02@4'	09/13/22	7.76	NA	NA	NA
BG02@8'	09/13/22	8.08	NA	NA	NA
BG03@4'	09/13/22	7.77	NA	NA	NA
BG03@8'	09/13/22	8.06	NA	NA	NA
BG04@4'	09/13/22	7.83	NA	NA	NA
BG04@8'	09/13/22	7.94	NA	NA	NA
BG05@4'	09/13/22	8.14	NA	NA	NA
BG05@8'	09/13/22	8.11	NA	NA	NA
BG06@4'	09/13/22	8.17	NA	NA	NA
BG06@8'	09/13/22	8.04	NA	NA	NA
Highest Background		8.17	-	-	-

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 ^{1,2}		0.68	15,000	71	0.3	3,100	400	1,500	390	390	23,000
Protection of Groundwater		0.29	82	0.38	0.00067	46	14	26	0.26	0.8	370
BH01@4'	08/12/21	2.86	63.5	<0.223	<0.30	5.07	7.09	5.13	0.631	0.0252	24.4
BG01@4'	08/12/21	2.86	64.4	<0.207	<0.30	4.74	5.08	5.09	0.682	0.0252	23.0
BG02@4'	09/13/22	4.37	NA	NA	NA	NA	NA	NA	0.572	NA	NA
BG02@8'	09/13/22	2.99	NA	NA	NA	NA	NA	NA	0.355	NA	NA
BG03@4'	09/13/22	2.84	NA	NA	NA	NA	NA	NA	0.493	NA	NA
BG03@8'	09/13/22	2.25	NA	NA	NA	NA	NA	NA	0.433	NA	NA
BG04@4'	09/13/22	3.44	NA	NA	NA	NA	NA	NA	0.675	NA	NA
BG04@8'	09/13/22	3.15	NA	NA	NA	NA	NA	NA	0.682	NA	NA
BG05@4'	09/13/22	4.69	NA	NA	NA	NA	NA	NA	0.730	NA	NA
BG05@8'	09/13/22	3.52	NA	NA	NA	NA	NA	NA	0.846	NA	NA
BG06@4'	09/13/22	2.85	NA	NA	NA	NA	NA	NA	0.692	NA	NA
BG06@8'	09/13/22	3.75	NA	NA	NA	NA	NA	NA	0.622	NA	NA
Mean Background Concentration		3.34	-	-	-	-	-	-	0.617	-	-
Mean Background x1.25		4.17	-	-	-	-	-	-	0.771	-	-
Highest Background		4.69	-	-	-	-	-	-	0.846	-	-
Highest Background x1.25		5.86	-	-	-	-	-	-	1.06	-	-

Notes:

- Compounds referenced from 2 CCR 404-1, Table 915-1, effective January 15, 2021.
- Soil Screening Levels (SSL) and Soil Suitability for Reclamation (SSR) standards referenced from EPA Regional Screening Levels (EPA RSLs) for Chemical Contaminants at Superfund Sites, effective November 2020.
- 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 = Millmhos 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) = Benzanthracene
Benzo(b) = Benzofluoranthene
Benzo(k) = Benzofluoranthene
Benzo(a) = Benzopyrene
A,H = Dibenzoanthracene
1,2,3-CD = Indenopyrene
1-M = 1-methylnaphthalene
2-M = 2-methylnaphthalene
NA = Not Analyzed

FIGURES

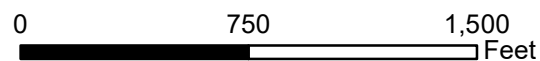
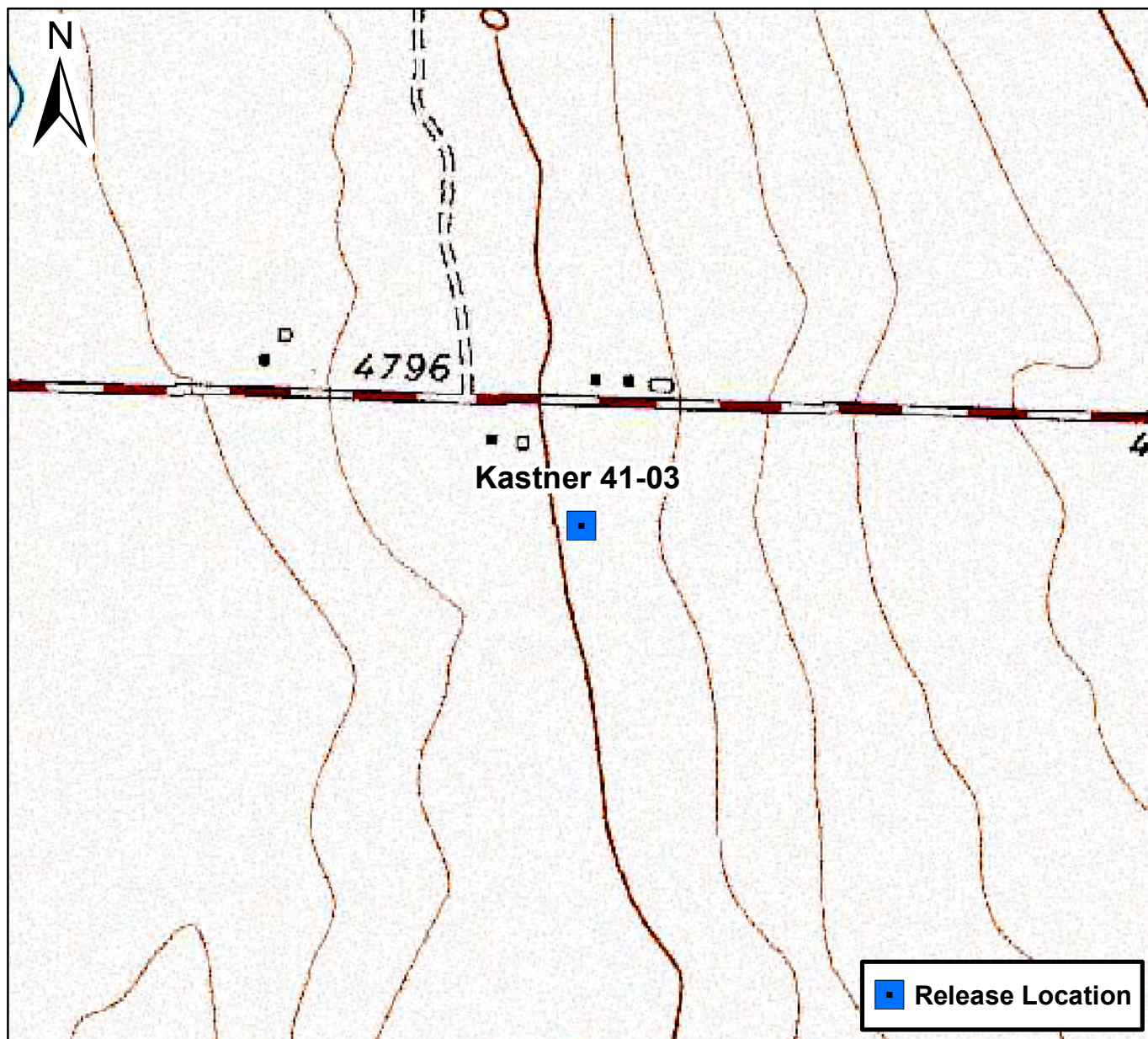
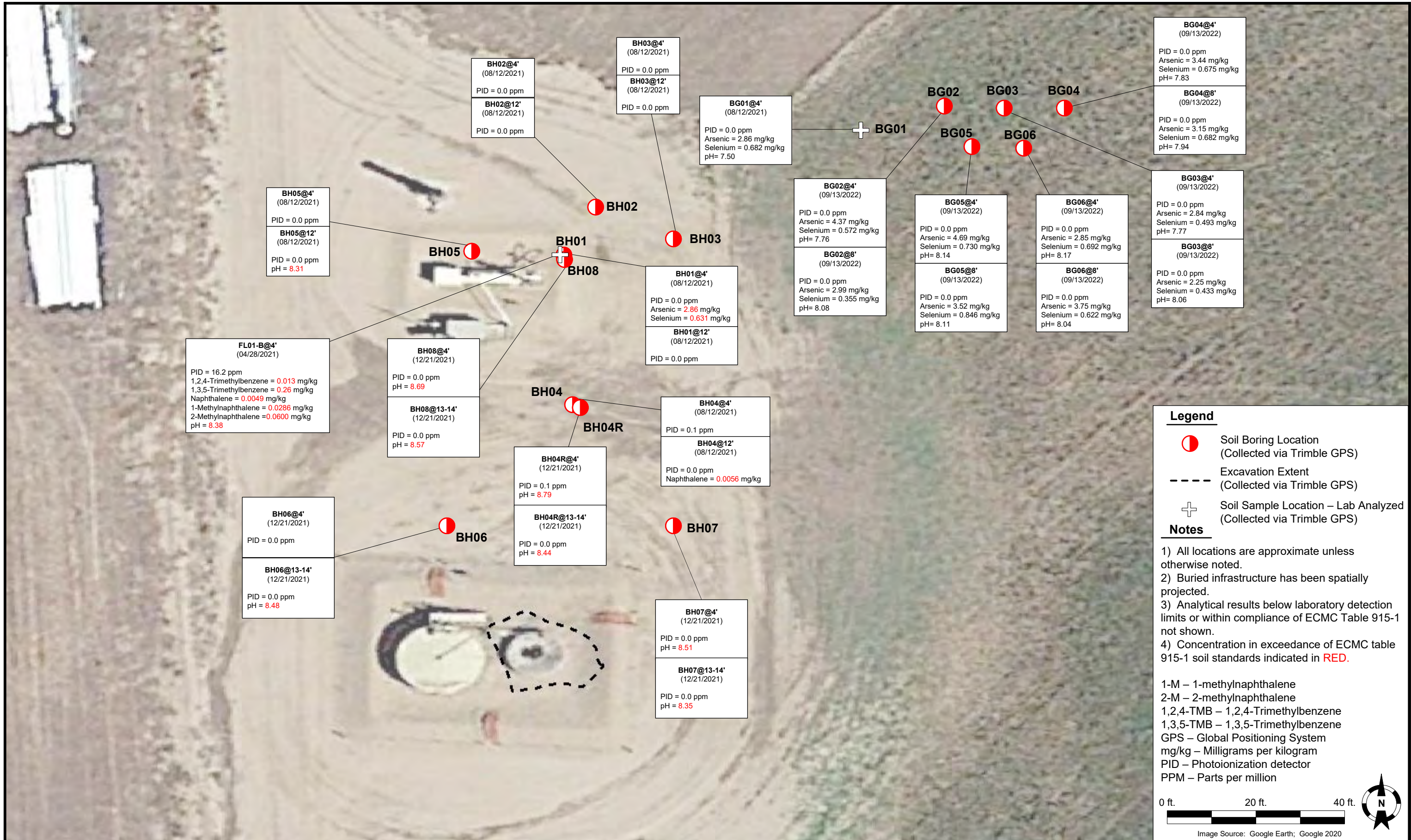



Figure 1

Site Location Map
Kastner 41-03
NWNE S3 T6N R65W
Weld County, Colorado







DATE: November 11, 2023	 TASMAN Tasman, Inc. 6855 W. 119th Ave Broomfield, CO 80020	Noble Energy, Inc. – DJ Basin Kastner 41-03 Water Well Investigation NWNE, Section 3, Township 6 North, Range 65 West Weld County, Colorado	Water Well Investigation Location Map	FIGURE 3
DESIGNED BY: JW				
DRAWN BY: JC				

ATTACHMENT A
LABORATORY SOIL ANALYTICAL DATA REPORTS

Summit Scientific

4653 Table Mountain Drive, Golden, Colorado 80403

303.277.9310

September 22, 2022

Jacob Whritenour

Tasman Geosciences

6855 W. 119th Ave.

Broomfield, CO 80020

RE: Noble - Kastner 41-03

Work Order #2209237

Enclosed are the results of analyses for samples received by Summit Scientific on 09/13/22 15:40. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

A handwritten signature in black ink, appearing to read "Mikayla Axtell". The signature is written in a cursive, flowing style.

Mikayla Axtell For Paul Shrewsbury

President



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
BG02@4'	2209237-01	Soil	09/13/22 13:25	09/13/22 15:40
BG02@8'	2209237-02	Soil	09/13/22 13:30	09/13/22 15:40
BG03@4'	2209237-03	Soil	09/13/22 13:35	09/13/22 15:40
BG03@8'	2209237-04	Soil	09/13/22 13:40	09/13/22 15:40
BG04@4'	2209237-05	Soil	09/13/22 13:45	09/13/22 15:40
BG04@8'	2209237-06	Soil	09/13/22 13:50	09/13/22 15:40
BG05@4'	2209237-07	Soil	09/13/22 13:55	09/13/22 15:40
BG05@8'	2209237-08	Soil	09/13/22 14:00	09/13/22 15:40
BG06@4'	2209237-09	Soil	09/13/22 14:05	09/13/22 15:40
BG06@8'	2209237-10	Soil	09/13/22 14:10	09/13/22 15:40

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Summit Scientific

S₂

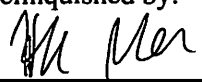

2209237

4653 Table Mountain Drive ♦ Golden, Colorado 80403
303-277-9310

Page 1 of 1

Client: Noble / Tasman Project Manager: Jake Whritenour Invoice: Erica Zuniga
Address: 6855 W. 119th Ave E-Mail: jwhritenour@tasman-geo.com
City/State/Zip: Broomfield, CO 80020
Phone: 303-827-1311 Project Name: Kastner 41-03
Sampler Name: Hunter Merlo Project Number:

ID	Sample Description	Date Sampled	Time Sampled	# of containers	Preservative				Matrix				Analysis Requested								Special Instructions
					HCl	HNO ₃	None	Other	Water	Soil	Air-Canister #	Other	VOC - 915	TPH - 915	PAH - 915	pH, EC, SAR	Boron - HWS	HOLD	Arsenic, Selenium	pH	
1	B602E4'	9/13/22	1325	1			X			X									X	X	pH, EC, SAR by saturated paste
2	B602E8'		1330																		
3	B603E4'		1335																		
4	B603E8'		1340																		
5	B604E4'		1345																		
6	B604E8'		1350																		
7	B605E4'		1355																		
8	B605E8'		1400																		
9	B606E4'		1405																		
10	B606E8'	✓	1410	✓						✓									✓	✓	

Relinquished by: 	Date/Time: 9/13/22 1540	Received by: Tasman's Lock Box Summit	Date/Time: 9/13/22 1540	Turn Around Time (Check) Same Day _____ 72 hours 24 hours _____ Standard <input checked="" type="checkbox"/> 48 hours _____	Notes:
Relinquished by: Tasman's Lock Box	Date/Time: 9/13/22 1540	Received by: 	Date/Time: 9/13/22 1540	Sample Integrity: Temperature Upon Receipt: 6.2	
Relinquished by:	Date/Time:	Received by:	Date/Time:	Samples Intact: <input checked="" type="radio"/> Yes <input type="radio"/> No	

S₂

Sample Receipt Checklist

S2 Work Order#

2209237

Client: Noble HasmanClient Project ID: Kastner 4103

Shipped Via: H.D./P.U./FedEx/UPS/USPS/Other

Airbill #:

☐ ☒ ☐ ☐ ☐

Matrix (Check all that apply)

Air

☐

Soil/Solid

☒

Water

☐

Other

☐

Temp (°C)

Thermometer #

	Yes	No	N/A	Comments (if any)
If samples require cooling, is the temperature < 6°C? ⁽¹⁾ NOTE: If samples are delivered the same day of sampling, this requirement is met if there is evidence that cooling has begun.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	OUT CE
If custody seals are present, are they intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Are samples due within 48 hours present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Are water samples with short hold times present? Note the short hold analysis in the comments column - pH, Nitrate/Nitrite, Ferrous Iron (Fe ²⁺), Hexavalent Chromium (Cr ⁶⁺ , Cr VI), COD/BOD, Total Coliform, E. Coli, Total Residual Chlorine (TRC), Dissolved Oxygen	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Is a chain-of-custody (COC) form present and filled out Completely? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Is the COC properly relinquished by the client w/ date and time recorded? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Were all samples received intact? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Was adequate sample volume provided? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Does the COC agree with the number and type of sample bottles received? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Do the sample IDs on the bottle labels match the COC? ⁽¹⁾	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
For volatiles in water – is there headspace present? If yes, contact client and note in narrative.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
Are samples preserved that require preservation (excluding cooling) ? ⁽¹⁾ Note the type of preservative in the comments column – HCl, H ₂ SO ₄ , NaOH, HNO ₃ , etc.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If samples are acid preserved for metals, is the pH ≤ 2? ⁽¹⁾ Record the pH in Comments.	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
If dissolved metals are requested, were samples field filtered?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	

Additional Comments (if any):

⁽¹⁾ If NO, then contact the client before proceeding with analysis and note in case narrative.

Custodian Printed Name

Date/Time

9.13.22

19:00



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG02@4'
2209237-01 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	4.37	0.200	mg/kg dry	1	BF10525	09/21/22	09/21/22	EPA 6020B	
Selenium	0.572	0.260	"	"	"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	93.9		%	1	BF10423	09/16/22	09/20/22	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **09/13/22 13:25**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	7.76		pH Units	1	BF10380	09/15/22	09/19/22	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG02@8'
2209237-02 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	2.99	0.200	mg/kg dry	1	BF10525	09/21/22	09/22/22	EPA 6020B	
Selenium	0.355	0.260	"	"	"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	96.4		%	1	BF10423	09/16/22	09/20/22	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **09/13/22 13:30**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	8.08		pH Units	1	BF10380	09/15/22	09/19/22	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG03@4'
2209237-03 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	2.84	0.200		mg/kg dry	1	BF10525	09/21/22	09/22/22	EPA 6020B	
Selenium	0.493	0.260		"	"	"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	94.2			%	1	BF10423	09/16/22	09/20/22	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **09/13/22 13:35**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	7.77			pH Units	1	BF10380	09/15/22	09/19/22	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:

09/22/22 13:23

BG03@8'
2209237-04 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	2.25	0.200	mg/kg dry	1	BF10525	09/21/22	09/22/22	EPA 6020B	
Selenium	0.433	0.260	"	"	"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	96.9		%	1	BF10423	09/16/22	09/20/22	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **09/13/22 13:40**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	8.06		pH Units	1	BF10380	09/15/22	09/19/22	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:

09/22/22 13:23

BG04@4'
2209237-05 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	3.44	0.200	mg/kg dry	1	BF10525	09/21/22	09/22/22	EPA 6020B	
Selenium	0.675	0.260	"	"	"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	94.0		%	1	BF10423	09/16/22	09/20/22	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **09/13/22 13:45**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	7.83		pH Units	1	BF10380	09/15/22	09/19/22	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:

09/22/22 13:23

BG04@8'
2209237-06 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	3.15	0.200	mg/kg dry	1	BF10525	09/21/22	09/22/22	EPA 6020B	
Selenium	0.682	0.260	"	"	"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	94.0		%	1	BF10423	09/16/22	09/20/22	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **09/13/22 13:50**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	7.94		pH Units	1	BF10380	09/15/22	09/19/22	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG05@4'
2209237-07 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 13:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	4.69	0.200	mg/kg dry	1	BF10525	09/21/22	09/22/22	EPA 6020B	
Selenium	0.730	0.260	"	"	"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 13:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	92.1		%	1	BF10423	09/16/22	09/20/22	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **09/13/22 13:55**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	8.14		pH Units	1	BF10380	09/15/22	09/19/22	EPA 9045D	

Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG05@8'
2209237-08 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	3.52	0.200	mg/kg dry	1	BF10525	09/21/22	09/22/22	EPA 6020B	
Selenium	0.846	0.260	"	"	"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	92.8		%	1	BF10423	09/16/22	09/20/22	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **09/13/22 14:00**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	8.11		pH Units	1	BF10380	09/15/22	09/19/22	EPA 9045D	

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG06@4'
2209237-09 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 14:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
Arsenic	2.85	0.200		mg/kg dry	1	BF10525	09/21/22	09/22/22	EPA 6020B	
Selenium	0.692	0.260		"	"	"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 14:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
% Solids	94.6			%	1	BF10423	09/16/22	09/20/22	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **09/13/22 14:05**

Analyte	Result	Reporting		Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit								
pH	8.17			pH Units	1	BF10380	09/15/22	09/19/22	EPA 9045D	

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

BG06@8'
2209237-10 (Soil)

Summit Scientific

Total Metals by EPA 6020B

Date Sampled: **09/13/22 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
Arsenic	3.75	0.200	mg/kg dry	1	BF10525	09/21/22	09/22/22	EPA 6020B	
Selenium	0.622	0.260	"	"	"	"	"	"	

Physical Parameters by APHA/ASTM/EPA Methods

Date Sampled: **09/13/22 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
% Solids	93.5		%	1	BF10423	09/16/22	09/20/22	Calculation	

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction

Date Sampled: **09/13/22 14:10**

Analyte	Result	Reporting		Dilution	Batch	Prepared	Analyzed	Method	Notes
		Limit	Units						
pH	8.04		pH Units	1	BF10380	09/15/22	09/19/22	EPA 9045D	

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

Total Metals by EPA 6020B - Quality Control

Summit Scientific

Analyte	Reporting			Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes

Batch BFI0525 - EPA 3050B

Blank (BFI0525-BLK1)

Prepared & Analyzed: 09/21/22

Arsenic	ND	0.200	mg/kg wet
Selenium	ND	0.260	"

LCS (BFI0525-BS1)

Prepared & Analyzed: 09/21/22

Arsenic	42.8	0.200	mg/kg wet	40.0	107	80-120
Selenium	3.99	0.260	"	4.00	99.8	80-120

Duplicate (BFI0525-DUP1)

Source: 2209237-01

Prepared & Analyzed: 09/21/22

Arsenic	4.49	0.200	mg/kg dry	4.37	2.66	20
Selenium	0.694	0.260	"	0.572	19.2	20

Matrix Spike (BFI0525-MS1)

Source: 2209237-01

Prepared: 09/21/22 Analyzed: 09/22/22

Arsenic	48.2	0.200	mg/kg dry	42.6	4.37	103	75-125
Selenium	4.18	0.260	"	4.26	0.572	84.7	75-125

Matrix Spike Dup (BFI0525-MSD1)


Source: 2209237-01

Prepared: 09/21/22 Analyzed: 09/22/22

Arsenic	50.4	0.200	mg/kg dry	42.6	4.37	108	75-125	4.46	25
Selenium	4.38	0.260	"	4.26	0.572	89.4	75-125	4.69	25

Summit Scientific

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Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD	
		Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

Batch BFI0423 - General Preparation

Duplicate (BFI0423-DUP1)

Source: 2209236-01

Prepared: 09/16/22 Analyzed: 09/20/22

% Solids	81.5	%	79.8	2.09	20
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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]

Project Manager: Jacob Whritenour

Reported:

09/22/22 13:23

Physical Parameters by APHA/ASTM/EPA Methods, Saturated Paste Extraction - Quality Control

Summit Scientific

Analyte	Result	Reporting		Spike Level	Source		%REC		RPD	
		Limit	Units		Result	%REC	Limits	RPD	Limit	Notes

Batch BFI0380 - General Preparation

LCS (BFI0380-BS1)

Prepared: 09/15/22 Analyzed: 09/19/22

pH	9.12	pH Units	9.18	99.3	95-105
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Duplicate (BFI0380-DUP1)

Source: 2209227-01

Prepared: 09/15/22 Analyzed: 09/19/22

pH	7.72	pH Units	7.54	2.36	20
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Summit Scientific

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



Tasman Geosciences
6855 W. 119th Ave.
Broomfield CO, 80020

Project: Noble - Kastner 41-03

Project Number: [none]
Project Manager: Jacob Whritenour

Reported:
09/22/22 13:23

Notes and Definitions

DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference

ATTACHMENT B
BORING LOGS



6855 W. 119th Ave.
Broomfield, CO 80020

CLIENT: Tasman

LOGGED BY: Hunter Merlo

PROJECT MANAGER: Jake Whritenour

DRILLING CONTRACTOR: Tasman

DRILLING EQUIPMENT: Hand Auger/ Power Probe

DRILL BIT SIZE (INCHES): 2.375"

DATE STARTED - COMPLETED: 8/12/21 - 8/12/21

TOTAL WELL DEPTH (FT. BGS): 12

DEPTH WATER ENCOUNTERED (FT. BGS): NM

Kastner 41-03

BORING ID: BH01

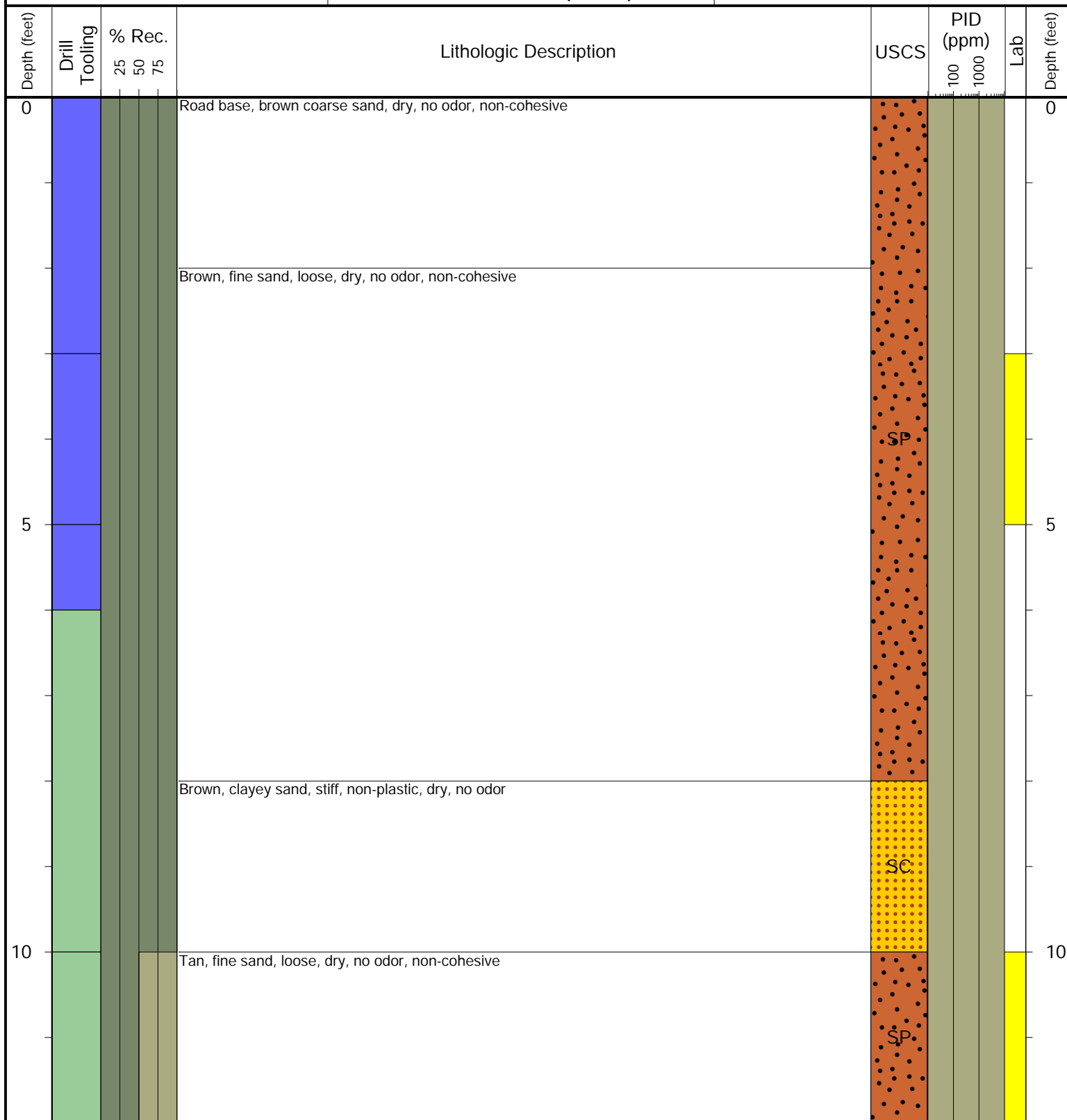
LOCATION: Weld County, Colorado

LATITUDE (WGS 84): 40.521887103159

LONGITUDE (WGS 84): -104.6490796186

GROUND ELEVATION (FT. AMSL): NM

ABANDONMENT METHOD: Bentonite



Drilling / Sample Method:

Macro-Core

Expendable Well Tip

Perforated Injection Tool

Hand Auger

Laboratory Sample Types:

Geotechnical Lab

Analytical Chemistry Lab

Geotechnical & Analytical Chemistry Lab



6855 W. 119th Ave.
Broomfield, CO 80020

CLIENT: Tasman

LOGGED BY: Hunter Merlo

PROJECT MANAGER: Jake Whritenour

DRILLING CONTRACTOR: Tasman

DRILLING EQUIPMENT: Hand Auger/ Power Probe

DRILL BIT SIZE (INCHES): 2.375"

DATE STARTED - COMPLETED: 8/12/21 - 8/12/21

TOTAL WELL DEPTH (FT. BGS): 12

DEPTH WATER ENCOUNTERED (FT. BGS): NM

Kastner 41-03

BORING ID: BH02

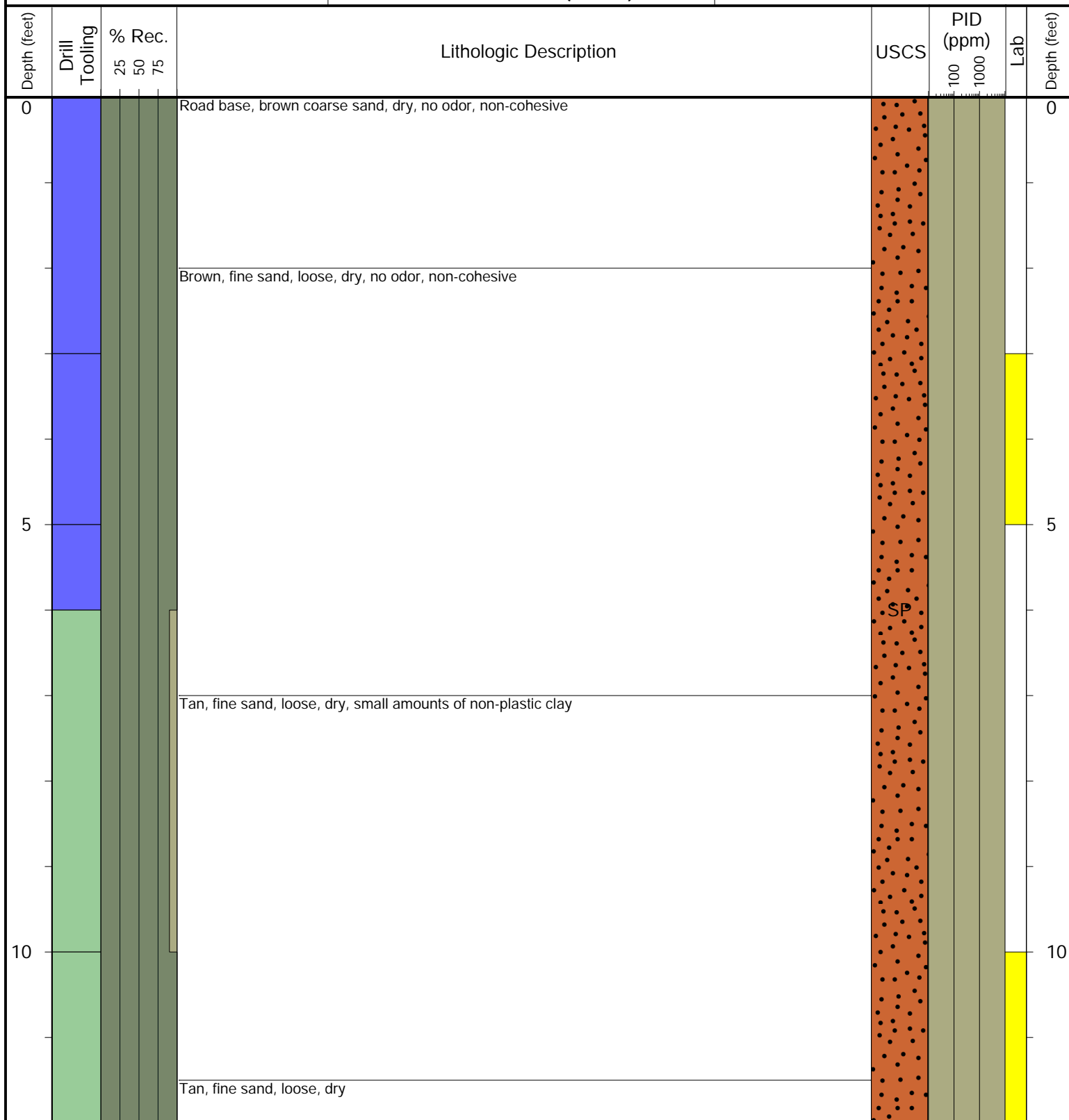
LOCATION: Weld County, Colorado

LATITUDE (WGS 84): 40.521915412175

LONGITUDE (WGS 84): -104.64905926768

GROUND ELEVATION (FT. AMSL): NM

ABANDONMENT METHOD: Bentonite



Drilling / Sample Method:

Macro-Core

Expendable Well Tip

Perforated Injection Tool

Hand Auger

Laboratory Sample Types:

Geotechnical Lab

Analytical Chemistry Lab

Geotechnical & Analytical Chemistry Lab



6855 W. 119th Ave.
Broomfield, CO 80020

CLIENT: Tasman

LOGGED BY: Hunter Merlo

PROJECT MANAGER: Jake Whritenour

DRILLING CONTRACTOR: Tasman

DRILLING EQUIPMENT: Hand Auger/ Power Probe

DRILL BIT SIZE (INCHES): 2.375"

DATE STARTED - COMPLETED: 8/12/21 - 8/12/21

TOTAL WELL DEPTH (FT. BGS): 12

DEPTH WATER ENCOUNTERED (FT. BGS): NM

Kastner 41-03

BORING ID: BH03

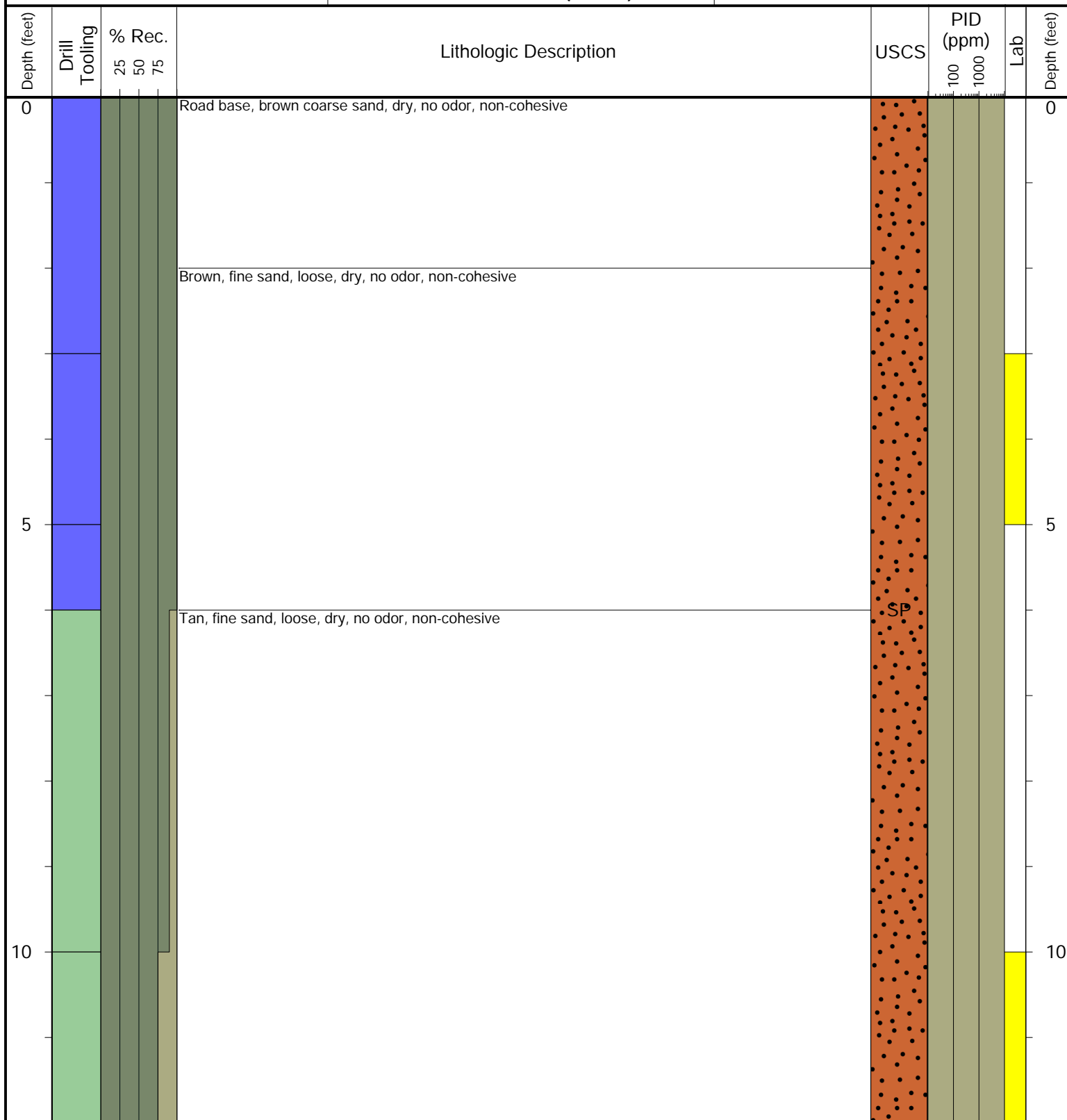
LOCATION: Weld County, Colorado

LATITUDE (WGS 84): 40.521897585116

LONGITUDE (WGS 84): -104.64900951004

GROUND ELEVATION (FT. AMSL): NM

ABANDONMENT METHOD: Bentonite



Drilling / Sample Method:

Macro-Core

Expendable Well Tip

Perforated Injection Tool

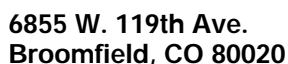
Hand Auger

Laboratory Sample Types:

Geotechnical Lab

Analytical Chemistry Lab

Geotechnical & Analytical Chemistry Lab



DEPTH WATER ENCOUNTERED (FT. BGS): NM

ABANDONMENT METHOD: Bentonite





6855 W. 119th Ave.
Broomfield, CO 80020

CLIENT: Tasman

LOGGED BY: Hunter Merlo

PROJECT MANAGER: Jake Whritenour

DRILLING CONTRACTOR: Tasman

DRILLING EQUIPMENT: Hand Auger/ Power Probe

DRILL BIT SIZE (INCHES): 2.375"

DATE STARTED - COMPLETED: 8/12/21 - 8/12/21

TOTAL WELL DEPTH (FT. BGS): 12

DEPTH WATER ENCOUNTERED (FT. BGS): NM

Kastner 41-03

BORING ID: BH05

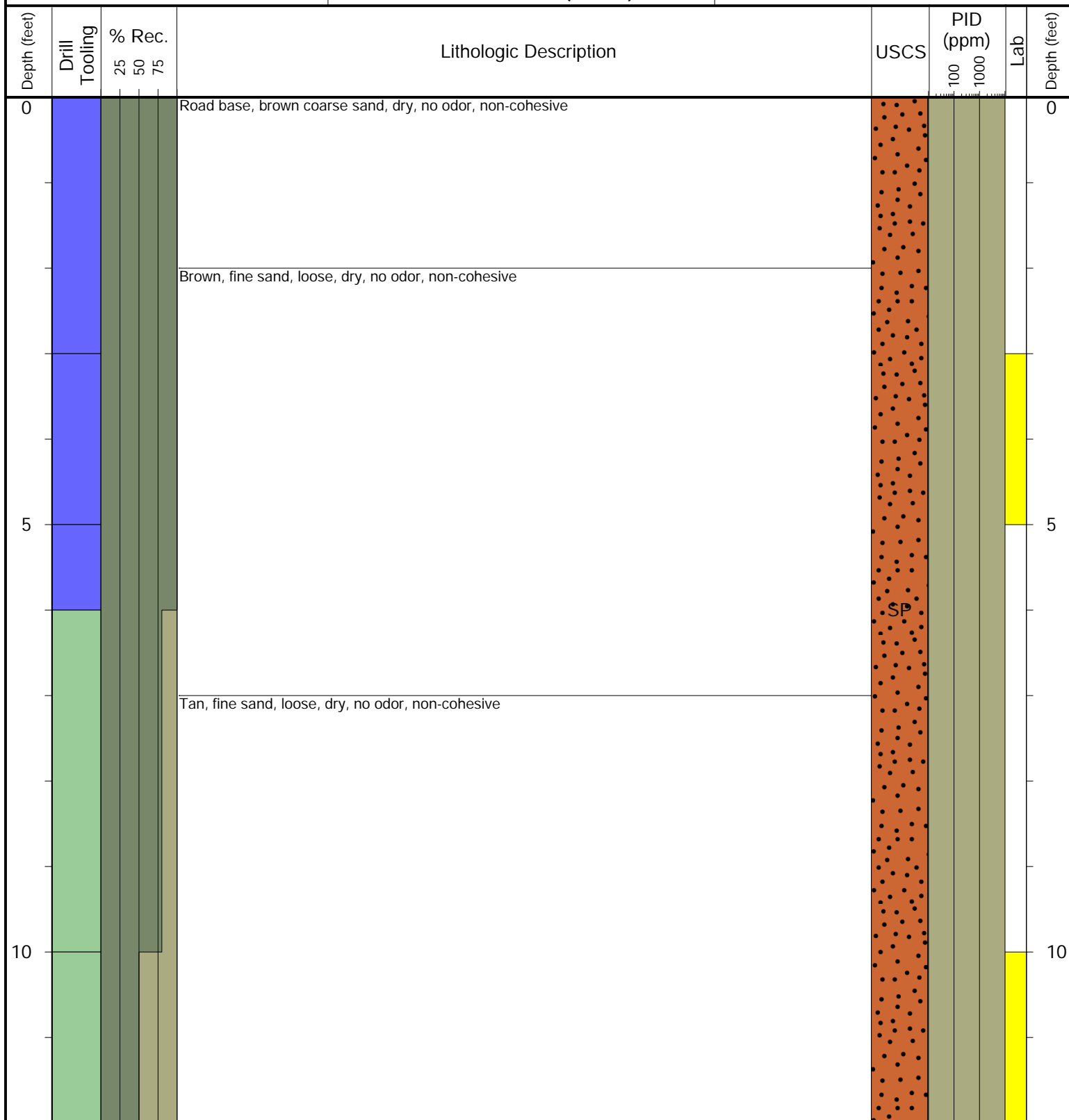
LOCATION: Weld County, Colorado

LATITUDE (WGS 84): 40.521891653995

LONGITUDE (WGS 84): -104.64913376591

GROUND ELEVATION (FT. AMSL): NM

ABANDONMENT METHOD: Bentonite



Drilling / Sample Method:

Macro-Core

Expendable Well Tip

Perforated Injection Tool

Hand Auger

Laboratory Sample Types:

Geotechnical Lab

Analytical Chemistry Lab

Geotechnical & Analytical Chemistry Lab



6855 W. 119th Ave.
Broomfield, CO 80020

CLIENT: Tasman

LOGGED BY: Daniel Qua

PROJECT MANAGER: Jake Whritenour

DRILLING CONTRACTOR: Tasman

DRILLING EQUIPMENT: Hand Auger/ Power Probe

DRILL BIT SIZE (INCHES): 2.375"

DATE STARTED - COMPLETED: 12/21/21 - 12/21/21

TOTAL WELL DEPTH (FT. BGS): 14

DEPTH WATER ENCOUNTERED (FT. BGS): NM

Kastner 41-03

BORING ID: BH04R

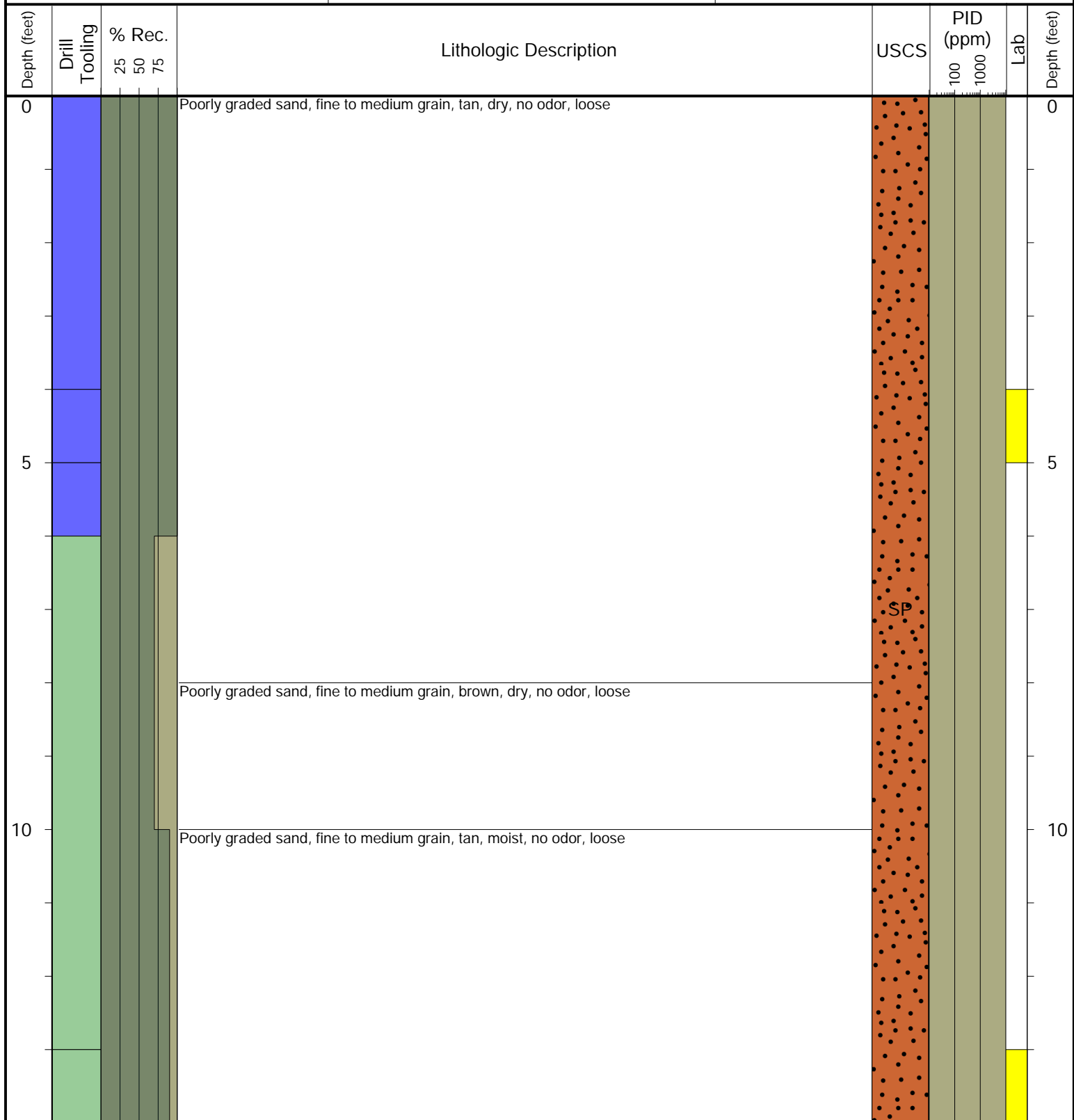
LOCATION: Weld County, Colorado

LATITUDE (WGS 84): 40.521794181

LONGITUDE (WGS 84): -104.649069503

GROUND ELEVATION (FT. AMSL): 4806.97

ABANDONMENT METHOD: Bentonite



Drilling / Sample Method:

Macro-Core

Expendable Well Tip

Perforated Injection Tool

Hand Auger

Laboratory Sample Types:

Geotechnical Lab

Analytical Chemistry Lab

Geotechnical & Analytical Chemistry Lab



6855 W. 119th Ave.
Broomfield, CO 80020

CLIENT: Tasman

LOGGED BY: Daniel Qua

PROJECT MANAGER: Jake Whritenour

DRILLING CONTRACTOR: Tasman

DRILLING EQUIPMENT: Hand Auger/ Power Probe

DRILL BIT SIZE (INCHES): 2.375"

DATE STARTED - COMPLETED: 12/21/21 - 12/21/21

TOTAL WELL DEPTH (FT. BGS): 14

DEPTH WATER ENCOUNTERED (FT. BGS): NM

Kastner 41-03

BORING ID: BH06

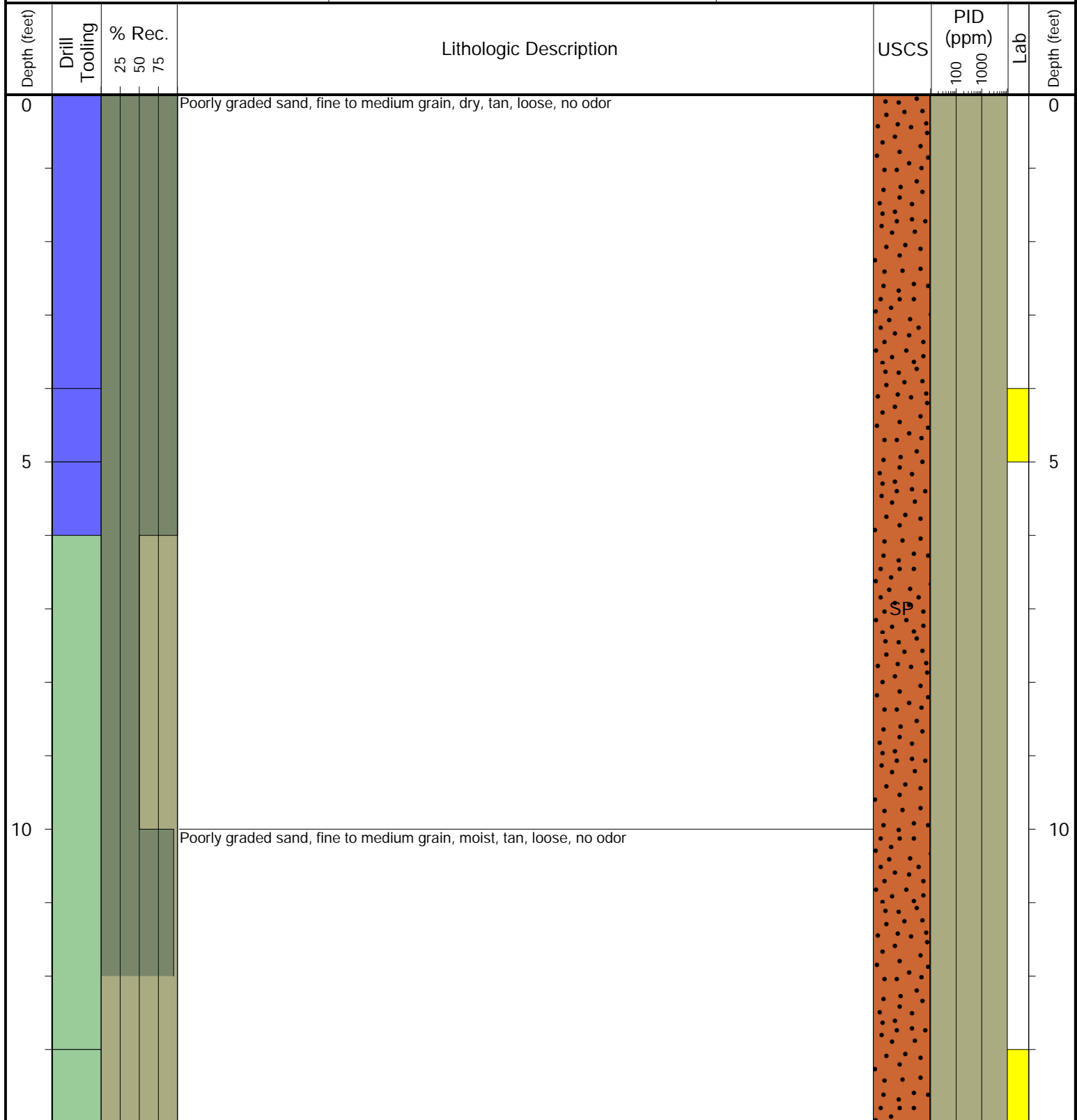
LOCATION: Weld County, Colorado

LATITUDE (WGS 84): 40.521789915

LONGITUDE (WGS 84): -104.649143834

GROUND ELEVATION (FT. AMSL): 4806.433

ABANDONMENT METHOD: Bentonite



Drilling / Sample Method:

Macro-Core

Expendable Well Tip

Perforated Injection Tool

Hand Auger

Laboratory Sample Types:

Geotechnical Lab

Analytical Chemistry Lab

Geotechnical & Analytical Chemistry Lab



6855 W. 119th Ave.
Broomfield, CO 80020

CLIENT: Tasman

LOGGED BY: Daniel Qua

PROJECT MANAGER: Jake Whritenour

DRILLING CONTRACTOR: Tasman

DRILLING EQUIPMENT: Hand Auger/ Power Probe

DRILL BIT SIZE (INCHES): 2.375"

DATE STARTED - COMPLETED: 12/21/21 - 12/21/21

TOTAL WELL DEPTH (FT. BGS): 14

DEPTH WATER ENCOUNTERED (FT. BGS): NM

Kastner 41-03

BORING ID: BH07

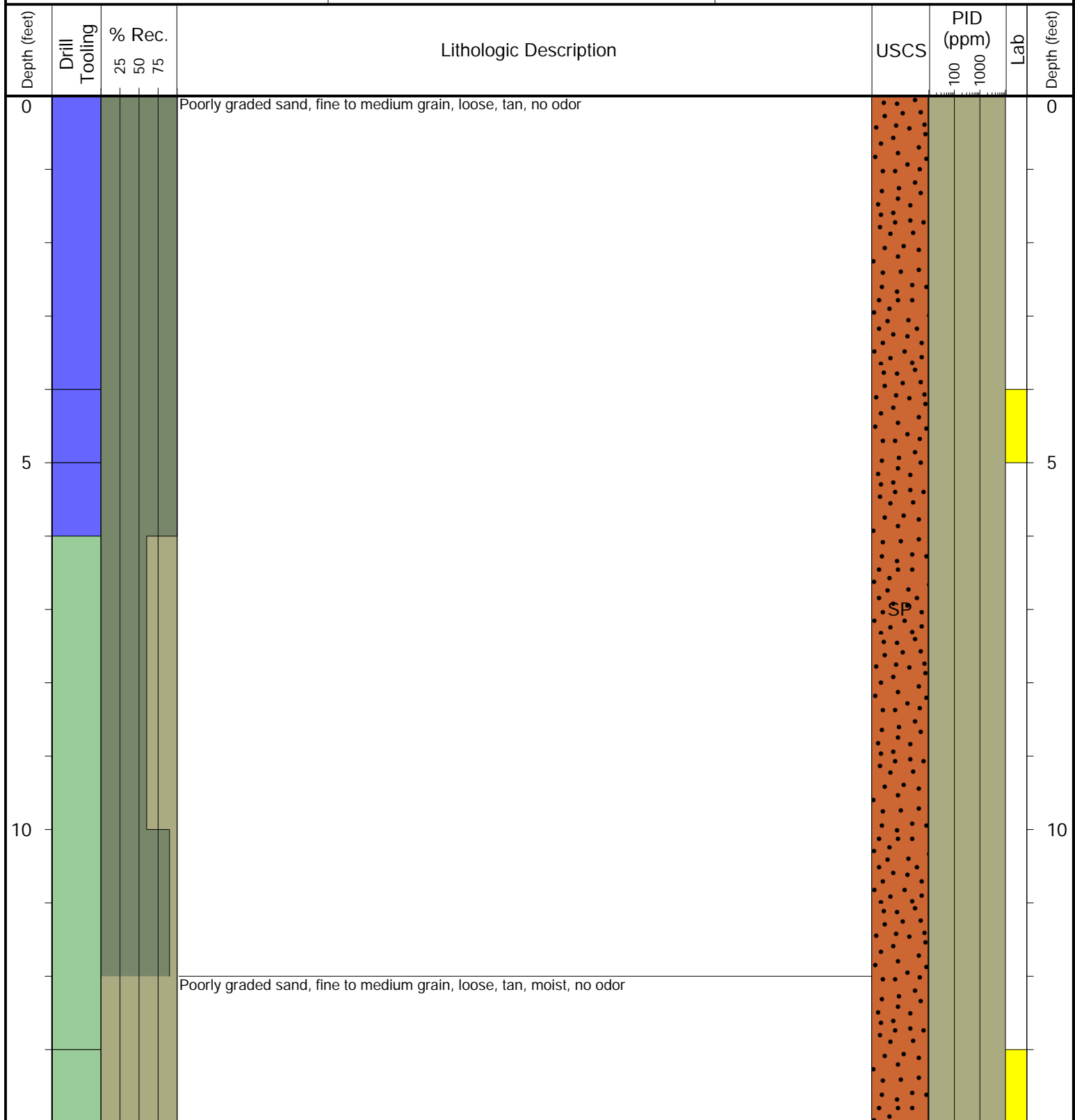
LOCATION: Weld County, Colorado

LATITUDE (WGS 84): 40.521737523

LONGITUDE (WGS 84): -104.649074452

GROUND ELEVATION (FT. AMSL): 4804.345

ABANDONMENT METHOD: Bentonite



Drilling / Sample Method:

- Macro-Core
- Expendable Well Tip
- Perforated Injection Tool
- Hand Auger

Laboratory Sample Types:

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



6855 W. 119th Ave.
Broomfield, CO 80020

CLIENT: Tasman

LOGGED BY: Daniel Qua

PROJECT MANAGER: Jake Whritenour

DRILLING CONTRACTOR: Tasman

DRILLING EQUIPMENT: Hand Auger/ Power Probe

DRILL BIT SIZE (INCHES): 2.375"

DATE STARTED - COMPLETED: 12/21/21 - 12/21/21

TOTAL WELL DEPTH (FT. BGS): 14

DEPTH WATER ENCOUNTERED (FT. BGS): NM

Kastner 41-03

BORING ID: BH08

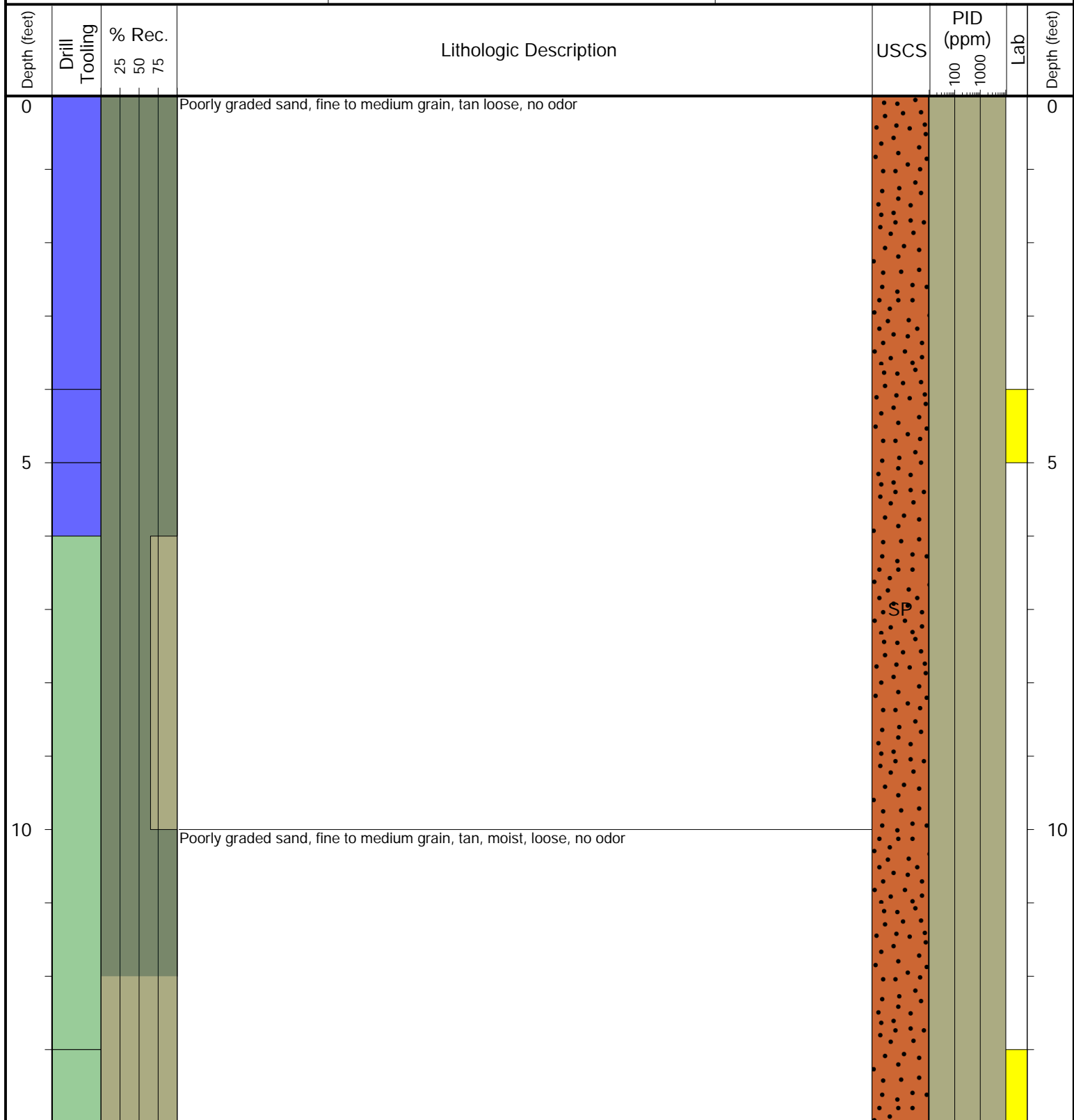
LOCATION: Weld County, Colorado

LATITUDE (WGS 84): 40.521786835

LONGITUDE (WGS 84): -104.64898752

GROUND ELEVATION (FT. AMSL): 4807.28

ABANDONMENT METHOD: Bentonite



Drilling / Sample Method:

Macro-Core

Expendable Well Tip



Perforated Injection Tool



Hand Auger

Laboratory Sample Types:

Geotechnical Lab

Analytical Chemistry Lab



Geotechnical & Analytical Chemistry Lab