



Laramie Energy  
1401 17th Street  
Denver, CO 80202

CO Land #1

SB1



Date Started : 11/24/20  
Detector : MiniRae PID  
Hole Diameter : 2.125"  
Drilling Method : Solid Stem Auger  
Sampling Method : Split Spoon  
Drilling Company : CO Drilling and Sampling  
Latitude : 39.192007°  
Longitude : -107.911510°  
Project Number : 017-010  
Logged By : R. Johnson

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	Moisture (%)	Fines (%)	Structure	PID (ppm)	Staining	Recovery (in)	Sample	Blow Count
0			0-2: Dark brown CLAY with trace sand. Moist. No odor.	70	70	M	0.4	N	20		1,2,8,1
	CL										
			2-4: Dark brown SANDY CLAY, moist, no odor.	70	70	M	31.9	Y	18		1,1,2,2
	CL										
			4-6: Dark brown CLAY, trace sand, moist, no odor.	70	70	M	3.3	N	20		2,2,3,4
5	CL										
			6-8: One foot dark brown clay into one foot black heavily stained CLAY. Strong odor. Moist.	70	70	M	531	Y	24		2,3,4,5
	CL		Advance to 9'								
			9-11: Dark grey stiff CLAY. Strong odor. Moist.	70	80	M	1051	Y	20	9-11	2,3,10,5
10	CL										
			11-13: Black CLAY with gravel, strong odor, wet, limited sample.	100	60	M	468	Y	12	11-13	7,7,12,17
	CL		Groundwater encountered at approximately 11'.								
			13-15: Dark grey CLAYEY GRAVEL, strong odor, wet, limited sample.	100	30	M	108	Y	8	13-15	7,13,17,16
	CG										
15			15-17: Dark grey CLAYEY GRAVEL, strong odor, wet, limited sample.	100	30	M	34.0	Y	6	15-17	8,16,19,6
	CG										
			17-19: Dark grey CLAYEY GRAVEL, no odor, wet, limited sample.	100	20	M	31.0	Y	6	17-19	11,22,27
	CG										
20			19-21: Dark grey clayey gravel into tan clay into red SHALE, slight odor.	70	70	BR	11.9	Y	16	19-21	4,9,21,39
	SH										
			21-23: Slough (grey gravels) into 5" red SHALE. Limited sample.	60	80	BR	3.8	N	6	21-23	19,27
	SH										

TD at 23' @ 1145