Soil Boring Log

Site Name: Maudlin Gulch Tank Battery
Well/boring #: MW-9
Location Description: approximately 80' south of MW-1
Date Drilled: Monday, April 6th, 2020
Drilling Method: 4 1/4" ID Hollow Stem Augers

Depth (feet BGS)	Description (soil type, moisture, odor, staining)	Sample Location	Blow Counts for each 6" increment	Soil Headspace PID	Static Water Level	Well Construction
1	Pothole - 0-5'. Brown - black dense silt with fine - medium grained gravel					riser / concrete
2						riser / bentonite
3						riser / bentonite
4						riser / bentonite
5						riser / silica sand
6	Collect 3" split spoon from 5-7' bgs. Top 6" of spoon is pink, dry silt and gravel, then mottled gray-black, moist, soft silt/clay with hydrocarbon odor.		2/3/2/3	396		screen / silica sand
7						screen / silica sand
8						screen / silica sand
9						screen / silica sand
10	Collect 3" split spoon from 9.5-11.5' bgs. Tip of center bit is not wet when pulled prior to sample collection. Black, soft, moist - wet silt with some clay, wet about 1' from top of spoon. Hydrocarbon odor present.		1/2/1/2	419		screen / silica sand
11						screen / silica sand
12						screen / silica sand
13						screen / silica sand
14						screen / silica sand
15	Collect 3" split spoon sample from 14.5-16.5' bgs. Very moist- slightly wet, clay. Top 3" of spoon is black clay, remainder is gray clay with slight to no hydrocarbon odor. PID is from gray clay portion only.		3/3/5/8	15		screen / silica sand
16						screen / silica sand
17						screen / silica sand
18	Encounter rock at 17' bgs while drilling. Auger refusal on rock. Attempted to collect 3" spilt spoon at 17.5' bgs, no sample recovery.		1/25-0.25"			screen / silica sand

EOB - 17.5' Installed 2", schedule 40 PVC , flush thread well at 17.5' bgs with screen from 17.5-5' bgs, sand from 17.5'-4 'bgs, bentonite from 4-1' bgs and concrete from 1-0' bgs. Installed above grade steel protector. Water level indicated on log is from 4/9/2020 gauging data as calculated to feet below ground surface.