

May 4, 2021



John Price
646 S 7900 W
Ogden, Utah 84404

RE: Wastewater Site and Soils Evaluation #15126
1900 S 7500 W, Ogden UT
Parcel # 10-048-0030

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on April 8, 2021. The exploration pit(s) is located at the referenced GPS coordinate and datum. The soil texture and structure, as classified using the USDA system, are as follows:

Exploration Pit #1 (UTM Zone 12 Nad 83 0402610 E 4565215 N)
0-23" Fine Sandy Loam, Granular Structure
23-34" Loam, Massive Structure, Few Red Mottles
34-54" Fine Sandy Loam, Massive Structure, Common Red Mottles
Groundwater Encountered At 54"

Exploration Pit #2 (UTM Zone 12 Nad 83 0402607 E 4565180 N)
0-20" Sandy Loam, Granular Structure
20-60" Sandy Loam, Massive Structure
Groundwater Encountered At 54"

Exploration Pit #3 (UTM Zone 12 Nad 83 0402584 E 4565223 N)
0-18" Sandy Loam, Granular Structure
18-42" Sandy Loam, Massive Structure
42-60" Fine Sandy Loam, Massive Structure, Common Red Mottles, compacted layer
Groundwater Encountered At 59"

Exploration Pit #4 (UTM Zone 12 Nad 83 0402540 E 4565224 N)
0-10" Sandy Loam, Granular Structure
10-13" Sandy Loam, Blocky Structure
13-56" Sandy Loam, Massive Structure
56-58" Sandy Loam with Gravelly Like Sandstone Material, Massive Structure, Common Red Mottles
Groundwater Encountered At 58"

Exploration Pit #5 (UTM Zone 12 Nad 83 0402499 E 4565227 N)
0-19" Fine Sandy Loam, Granular Structure
19-43" Fine Sandy Loam, Blocky Structure
43-47" Fine Sandy Loam, Massive/Platy Structure (Very Compact, possible Caliche or chemical soil), Common Red Mottles
47-49" Fine Sandy Loam, Massive Structure
Groundwater Encountered At 49"

Exploration Pit #6 (UTM Zone 12 Nad 83 0402456 E 4565230 N)
0-16" Sandy Loam, Granular Structure
16-47" Sandy Loam, Massive Structure
Groundwater Encountered At 47"

Exploration Pit #7 (UTM Zone 12 Nad 83 0402416 E 4565232 N)
0-16" Sandy Loam, Granular Structure
16-31" Sandy Loam, Massive Structure
31-50" Sandy Loam (Possible Loamy Sand), Massive Structure
Groundwater Encountered At 50"

Exploration Pit #8 (UTM Zone 12 Nad 83 0402380 E 4565232 N) **Pit Adjacent to Large Area of Cat Tails**

0-14" Fine Sandy Loam, Granular Structure
14-22" Fine Sandy Loam, Blocky Structure
22-34" Fine Sandy Loam, Massive Structure, Common Red Mottles
34-47" Fine Sandy Loam, Massive Structure, Many Red Mottles
Groundwater Encountered At 47"

Exploration Pit #9 (UTM Zone 12 Nad 83 0402320 E 4565198 N)

0-6" Fill (Roadway Area)
6-43" Sandy Loam, Massive Structure
43-54" Silt Loam, Massive/Blocky Structure, Many Grey Mottles
Groundwater Encountered At 54"

For consideration of an At-Grade wastewater system feasibility please conduct the required percolation test so that the bottom of the percolation test hole is at 50 inches deep from the original grade.

Exploration Pit #10 (UTM Zone 12 Nad 83 0402283 E 4565201 N)

0-15" Loam, Granular Structure
15-27" Fine Sandy Loam, Blocky Structure, Few Red Mottles
27-50" Sandy Loam, Massive Structure, Few Red Mottles
Groundwater Encountered At 50"

Exploration Pit #11 (UTM Zone 12 Nad 83 402291 E 4565088 N)

0-18" Sandy Loam, Granular Structure
18-34" Loam, Blocky Structure
34-39" Loamy Sand, Single Grain Structure
39-55" Silt Loam w/ Fine Sandy Loam Lens', Massive Structure, Many Grey Mottles
Groundwater Encountered At 55"

For consideration of an At-Grade wastewater system feasibility please conduct the required percolation test so that the bottom of the percolation test hole is at 50 inches deep from the original grade.

Exploration Pit #12 (UTM Zone 12 Nad 83 402328 E 4565091 N)

0-16" Fine Sandy Loam, Granular Structure
16-20" Fine Sandy Loam, Granular Structure near Platy Structure, Compact, possible Caliche or chemical soil)
20-42" Fine Sandy Loam, Massive Structure, Many Red Mottles
42-56" Sandy Loam, Single Grained Structure when dry
Groundwater Encountered At 56"

Exploration Pit #13 (UTM Zone 12 Nad 83 402301 E 4565043 N)

0-18" Sandy Loam, Granular Structure
18-42" Sandy Loam, Massive Structure
42-60" Fine Sandy Loam w/ Silt Loam Lens', Massive Structure

For consideration of an At-Grade wastewater system feasibility please conduct the required percolation test so that the bottom of the percolation test hole is at 50 inches deep from the original grade.

Exploration Pit #14 (UTM Zone 12 Nad 83 402277 E 4564978 N)

0-16" Sandy Loam, Granular Structure
16-42" Fine Sandy Loam, Massive Structure
42-46" Very Fine Sandy Loam, Massive Structure, Many Red Mottles
46-60" Loamy Sand, Single Grain Structure, Many Red Mottles
Groundwater Encountered At 58"

Exploration Pit #15 (UTM Zone 12 Nad 83 402379 E 4564958 N)

0-18" Loam, Granular Structure
18-46" Fine Sandy Loam, Blocky Structure, Common Red Mottles Below 40"
46-53" Silt Loam, Massive Structure, Many Red Mottles
Groundwater Encountered At 53"

For consideration of an At-Grade wastewater system feasibility please conduct the required

percolation test so that the bottom of the percolation test hole is at 50 inches deep from the original grade.

Exploration Pit #16 (UTM Zone 12 Nad 83 402372 E 4565038 N)

0-16" Sandy Loam, Granular Structure
16-25" Sandy Loam, Massive Structure,
25-36" Sandy Loam (near loamy sand), Massive Structure/ Single Grained Structure when dry.
36-60" Fine Sandy Loam, Platy Structure, Many Red Mottles

Exploration Pit #17 (UTM Zone 12 Nad 83 402394 E 4565091 N)

0-16" Fine Sandy Loam, Granular Structure
16-46" Fine Sandy Loam, Blocky Structure, Few Red Mottles Below 36"
46-49" Silt Loam, Massive Structure, Many Red Mottles
Groundwater Encountered At 49"

For consideration of an At-Grade wastewater system feasibility please conduct the required percolation test so that the bottom of the percolation test hole is at 50 inches deep from the original grade.

Exploration Pit #18 (UTM Zone 12 Nad 83 402445 E 4565091 N)

0-18" Sandy Loam, Granular Structure
18-34" Sandy Loam, Blocky Structure
34-56" Fine Sandy Loam, Massive Structure
Groundwater Encountered At 56"

Exploration Pit #19 (UTM Zone 12 Nad 83 402492 E 4565094 N)

0-21" Sandy Loam, Granular Structure
21-48" Sandy Loam, Massive Structure
48-60" Loamy Sand, Massive Structure/ Single Grained Structure when dry.
Groundwater Encountered At 60"

Exploration Pit #20 (UTM Zone 12 Nad 83 402532 E 4565103 N)

0-17" Fine Sandy Loam, Granular Structure
17-28" Fine Sandy Loam, Blocky Structure
28-45" Silt Loam, Massive Structure, Many Red Mottles
45-54" Fine Sandy Loam near Fine Loamy Sand, Massive Structure/ Single Grained Structure when dry., Many Red Mottles
Groundwater Encountered At 54"

Conduct the required percolation test so that the bottom of the percolation test hole is at 36 inches deep from the original grade

Exploration Pit #21 (UTM Zone 12 Nad 83 402577 E 4565102 N)

0-12" Sandy Loam, Granular Structure
12-36" Sandy Loam, Blocky Structure
36-58" Sandy Loam, Massive Structure
Groundwater Encountered At 58"

Exploration pits should be backfilled immediately upon completion to prevent a hazardous environment that may cause death or injury to people or animals.

Percolation tests may be completed by any individual on the enclosed list. The stabilized percolation test results are to be submitted to this office for review prior to the recommendation for further development to the appropriate planning agency or prior to the issuance of a wastewater disposal permit.

If you have any further questions, contact this office at your convenience.

Sincerely,


Summer Day, LEHS III, Program Manager
Environmental Health Division
801-399-7160