



June 5, 2020

Weber County Planning Commission  
2380 Washington Blvd.  
Ogden, UT 84401

RE: Scott Hale  
Approx 5638 N 3100 E  
Parcel #22-004-0142  
Soil log #15198

Gentlemen:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on June 3, 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 426851 E 4579128 N)  
0-16" Loam, Granular Structure  
16-32" Gravelly Sandy Loam, Massive Structure, 40% Gravel  
32-60" Gravelly Sandy Loam, Massive Structure, 70% Gravel

Exploration Pit #2 (UTM Zone 12 Nad 83 426818 E 4579165 N)  
0-23" Loam, Granular Structure  
23-48" Gravelly Sandy Loam, Massive Structure, 20% Gravel  
48-61" Gravelly Sandy Loam, Massive Structure, 75% Gravel

Exploration Pit #3 (UTM Zone 12 Nad 83 426737 E 4579214 N)  
0-23" Loam, Granular Structure  
23-41" Gravelly Sandy Loam, Massive Structure, 20% Gravel  
41-60" Gravelly Sandy Loam, Massive Structure, 75% Gravel

Exploration Pit #4 (UTM Zone 12 Nad 83 426639 E 4579410 N)  
0-23" Loam, Granular Structure  
23-39" Sandy Loam, Blocky Structure  
39-98" Gravelly Sandy Loam, Massive Structure, 70% Gravel

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

#### DESIGN REQUIREMENTS

Culinary water will be provided by a private well. **The placement of the well is critical so as to provide the required 100 foot protection zone.** The well will need to be dug, tested and the water supply approved prior to issuance of a wastewater disposal permit.

Anticipated ground water tables not to exceed 48 inches, fall within the range of acceptability for the utilization of a Conventional Wastewater Disposal System as a means of wastewater disposal. Maximum trench depth is limited to 18 inches. The absorption system is to be designed using a maximum loading rate of 0.45 gal/ft<sup>2</sup>/day as required for the gravelly sandy loam, massive structure soil horizon.

Plans for the construction of any wastewater disposal system are to be prepared by a Utah State certified individual and submitted to this office for review prior to the issuance of a Wastewater Disposal permit.

The following items are required for a formal **subdivision review**; application, receipt of the appropriate fee, and a full sized copy of the subdivision plats showing the location of exploration pits and percolation tests as well as the documented soil horizons and percolation rates. A subdivision review will not occur until all items are submitted. Mylars submitted for signature without this information will be returned

Each on-site individual wastewater disposal system must be installed in accordance with R317-4, Utah Administrative Code, Individual Wastewater Disposal Systems and Weber-Morgan District Health Department Rules. Final approval will be given only after an on-site inspection of the completed project and prior to the accomplishment of any backfilling.

Please be advised that the conditions of this letter are valid for a period of 18 months. At that time the site will be re-evaluated in relation to rules in effect at that time.

Sincerely,



Ryan Klinge  
Environmental Health Division  
801-399-7160