

BRIAN W. BENNION, M.P.A., L.E.H.S.
Health Officer/Executive Director



November 12, 2020

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

RE: Robert Marker
3196 E 3350 N, Huntsville UT
Parcel #22-354-0001
Soil log #15096

Gentlemen:

An evaluation of the site and soils at the above-referenced address was completed by staff of this office on November 4, 2020. The exploration pits are located at the referenced GPS coordinates and datum. The soil texture and structure, as classified using the USDA system, are as follows:

Exploration Pit #1 (UTM Zone 12T, Nad 83, 427120 E 4574667 N)
0-20" Gravelly Sandy Loam, Granular Structure, 15% Gravel
20-55" Gravelly Sandy Loam, Blocky Structure, 30% Gravel
55-96" Gravelly Sandy Loam, Massive Structure, 30% Gravel
96-108" Very Gravelly Sandy Loam, Massive Structure, 50% Gravel

Exploration Pit #2 (UTM Zone 12T, Nad 83, 427157 E 4574792 N)
0-26" Gravelly Sandy Loam, Granular/Blocky Structure, 15% Gravel
26-77" Gravelly Sandy Loam, Massive Structure, 30% Gravel
77-115" Very Gravelly Coarse Sandy Loam, Massive Structure, 50% Gravel

Exploration Pit #3 (UTM Zone 12T, Nad 83, 427187 E 4574893 N)
0-24" Gravelly Sandy Loam, Granular Structure, 25% Gravel
24-73" Very Gravelly Coarse Sandy Loam, Massive Structure, 60% Gravel
73-98" Gravelly Sandy Loam, Massive Structure, 30% Gravel, Common Red Mottling
98-118" Very Gravelly Coarse Sandy Loam, Massive Structure, 60% 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.

Lots 1-3: Anticipated ground water tables not to exceed 60 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/ft²/day as required for the gravelly-very gravelly sandy loam, massive structure soil horizons.

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

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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