



# Panhandle Health District

Healthy People in Healthy Communities

**Public Health**  
Prevent. Promote. Protect.

Owner:

**RICK HOWARTH**  
615 LAKEVIEW BLVD  
SANDPOINT ID 83864

Applicant:

**GARY SCHICKEDANZ**  
198 FLOYDS RD  
SAGLE ID 83860

## PRELIMINARY SOIL ANALYSIS

**Preliminary Soil Analysis #** 24-09-08209

**Report Date:** 11/27/2024

**Note: This Speculative Site Evaluation indicates potential suitability of soils for on-site sewage disposal. Approval to construct a sewage disposal system can only be granted by a valid Septic Permit.**

**Parcel #** RP57N02W164952A  
**Township:** 57N **Range:** 02W **Section:** 16  
**Acre(s):** 32.82

### Site Summary -

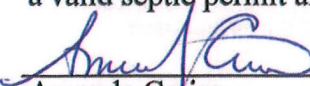
This property is a mostly forested parcel with drainages through the northern half. This property was assessed for future subdivision. Twenty-two test holes were examined throughout the parcel, approximately one of each lot. See test hole locations on the attached map.

Depending on the lot, the site appears suitable for pre-treatment (ETPS, Recirculation Gravel, Intermittent Sand Filter, or any approved proprietary product) or a basic system. Any drainfield permitted in this area will be sized for C-2 soils, except C-1 on lot 21 if located near the test hole.

Lot 4&5 may have restrictions on drainfield locations due to the drainages on the property. Each drainfield and replacement will require a 100' setback from the drainages.

For planning purposes: Any drainages along the roadways will require a 50' setback from drainfields. The sizing for a basic drainfield for a 3 bedroom house is 1250 sqft. A 4 bedroom house is 1500 sqft. The sizing for a pretreatment drainfield for a 3 bedroom house is 833 sqft. A 4 bedroom house is 1000 sqft. Each property will require a primary and reserve system accounted for.

**THIS EVALUATION IS NOT A PERMIT** and is only to be used to show that the property is suitable for subsurface sewage disposal. Approval to construct a sewage disposal system (septic) can only be granted by a valid septic permit after a completed Septic Application has been submitted.

  
Amanda Cerise  
Environmental Health Specialist

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Kootenai County  
8500 N Atlas Rd.  
Hayden, ID 83835  
208.415.5110

Bonner County  
2101 W. Pine St.  
Sandpoint, ID 83864  
208.263.6384

Shoshone County  
35 Wildcat Way  
Kellogg, ID 83837  
208.786.7474

Boundary County  
7402 Caribou St.  
Bonners Ferry, ID 83805  
208.267.5558

Benewah County  
137 N. 8th St.  
St. Maries, ID 83861  
208.245.4556

# Preliminary Soil Analysis Information

24-09-08209

## OBSERVATIONS/ FEATURES OF CONCERN

Neighboring Well(s):	N/A	Slopes:	N/A
Scarps:	N/A	Permanent/ Intermittent Surface Water:	100' on some lots
Temporary Surface Water:	N/A	Normal Ground Water:	mottling between 24-96" depending on lot
Seasonal Ground Water:	mottling between 24-96" depending on lot	Rock Outcrops:	N/A
Limiting Layer(s):	mottling on some lots		

## TEST HOLE INFORMATION

<u>Test Hole:</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Other Descriptor:</u>	<u>Comment:</u>
1	0-10" B2 Silt Loam 10-96" C2 Clay Loam, mottle @ 37"	C-2	Mottling	Appears suitable for pretreatment
<u>Test Hole:</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Other Descriptor:</u>	<u>Comment:</u>
2	0-12" B2 Silt Loam 12-96" C2 Clay Loam, mottle @ 39"	C-2	Mottling	Appears suitable for pretreatment
<u>Test Hole: (2)</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Other Descriptor:</u>	<u>Comment:</u>
3	0-12" B2 Silt Loam 12-96" C2 Clay Loam, mottle @ 33"	C-2	Mottling	Appears suitable for pretreatment
<u>Test Hole: (3)</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Comment:</u>	
4	0-10" B2 Silt Loam 10-96" C2 Clay Loam	C-2	Appears suitable for a basic system	
<u>Test Hole: (4)</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Other Descriptor:</u>	<u>Comment:</u>
5	0-10" B2 Silt Loam 10-96" C2 Clay Loam, mottle @ 40"	C-2	Mottling	Appears suitable for pretreatment
<u>Test Hole: (5)</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Other Descriptor:</u>	<u>Comment:</u>
6	0-12" B2 Silt Loam 12-96" C2 Clay Loam, mottle @ 41"	C-2	Mottling	Appears suitable for pretreatment
<u>Test Hole: (6)</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Other Descriptor:</u>	<u>Comment:</u>
7	0-12" B2 Silt Loam 12-96" C2 Clay Loam, mottle @ 39"	C-2	Mottling	Appears suitable for pretreatment
<u>Test Hole: (7)</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Comment:</u>	
8	0-12" B2 Silt Loam 12-96" C2 Clay Loam	C-2	Appears suitable for basic system	
<u>Test Hole: (8)</u>	<u>Soil Profile:</u>	<u>Soil Design Sub-Group:</u>	<u>Other Descriptor:</u>	<u>Comments:</u>
9	0-12" B2 Silt Loam 12-96" C2 Clay Loam, mottle @ 53"	C-2	Mottling	Appears suitable for a basic system with max depth of 17" or pretreatment

<b>Test Hole: (9)</b> 10	<b>Soil Profile:</b> 0-12" B2 Silt Loam 12-96" C2 Clay Loam	<b>Soil Design Sub-Group:</b> C-2	<b>Comments:</b> lot 24 - Appears suitable for a basic system
<b>Test Hole: (10)</b> 11	<b>Soil Profile:</b> 0-14" B2 Silt Loam 14-96" C2 Clay Loam	<b>Soil Design Sub-Group:</b> C-2	<b>Comments:</b> lot 17,18,19 - Appears suitable for a basic system
<b>Test Hole: (11)</b> 12	<b>Soil Profile:</b> 0-10" B2 Silt Loam 10-96" C2 Clay Loam	<b>Soil Design Sub-Group:</b> C-2	<b>Comments:</b> Lot 16,20 - Appears suitable for a basic system
<b>Test Hole: (12)</b> 13	<b>Soil Profile:</b> 0-18" B2 Silt Loam 18-96" C2 Clay Loam	<b>Soil Design Sub-Group:</b> C-2	<b>Comments:</b> Lot 15 - too close to drainage, another location on lot meeting 100' setback will be required
<b>Test Hole: (13)</b> 14	<b>Soil Profile:</b> 0-12" B2 Silt Loam 12-96" B1 Sandy Loam, 60-95" @ cobble, mottle @ 96"	<b>Soil Design Sub-Group:</b> C-1	<b>Other Descriptor:</b> Mottling <b>Comments:</b> Lot 21 - Appears suitable for a basic system
<b>Test Hole: (14)</b> 15	<b>Soil Profile:</b> 0-12" B2 Silt Loam 12-96" C2 Clay Loam	<b>Soil Design Sub-Group:</b> C-2	<b>Comments:</b> Lot 22 - Appears suitable for a basic system
<b>Test Hole: (15)</b> 16	<b>Soil Profile:</b> 0-14" B2 Silt Loam 14-96" C2 Clay Loam	<b>Soil Design Sub-Group:</b> C-2	<b>Comments:</b> Lot 23 - Appears suitable for a basic system
<b>Test Hole: (16)</b> 17	<b>Soil Profile:</b> 0-10" B2 Silt Loam 10-96" C2 Clay Loam, mottle @ 32"	<b>Soil Design Sub-Group:</b> C-2	<b>Other Descriptor:</b> Mottling <b>Comments:</b> Lot 14 - Appears suitable for pretreatment
<b>Test Hole: (17)</b> 18	<b>Soil Profile:</b> 0-10" B2 Silt Loam 10-48" C2 Clay Loam, mottle @ 38" 48-96" B1 Very Fine Sandy Loam	<b>Soil Design Sub-Group:</b> C-2	<b>Other Descriptor:</b> Mottling <b>Comments:</b> Lot 13 - Appears suitable for pretreatment
<b>Test Hole: (18)</b> 19	<b>Soil Profile:</b> 0-10" B2 Silt Loam 10-46" C2 Clay Loam, mottle @ 34" 46-96" B1 Very Fine Sandy Loam	<b>Soil Design Sub-Group:</b> C-2	<b>Other Descriptor:</b> Mottling <b>Comments:</b> Lot 12 - Appears suitable for pretreatment
<b>Test Hole: (19)</b> 20	<b>Soil Profile:</b> 0-8" B2 Silt Loam 8-48" C2 Clay Loam, mottle @ 34" 48-96" B1 Very Fine Sandy Loam	<b>Soil Design Sub-Group:</b> C-2	<b>Other Descriptor:</b> Mottling <b>Comments:</b> Lot 11 - Appears suitable for pretreatment
<b>Test Hole: (20)</b> 21	<b>Soil Profile:</b> 0-10" B2 Silt Loam 10-16" C2 Clay Loam 16"-unsuitable	<b>Soil Design Sub-Group:</b> Not Suitable	<b>Comments:</b> Lot 10 - unsuitable
<b>Test Hole: (21)</b> 22	<b>Soil Profile:</b> 0-8" B2 Silt Loam 8-96" C2 Clay Loam, mottle @ 24"	<b>Soil Design Sub-Group:</b> C-2	<b>Other Descriptor:</b> Mottling <b>Comments:</b> Lot 10 - Appears suitable for pretreatment



901A

800A

952A

Syringa C