Soil Solutions

276 Hoxie Hill Road
Orrington, Maine 04474
showellsoilsolutions@gmail.com
(207) 825-4792 • cell: (207) 356-7150

May 15, 2018

Mr. Siegmar Eschholz
P.O. Box 1432
Southwest Harbor, ME 04679

RE: Preliminary Soil Evaluation of a portion of proposed Lot A at 67 Fernald Point Road in Southwest Harbor, ME

Dear Sig;

As you requested, on May 10, 2018, I conducted a preliminary soils evaluation of a portion of proposed Lot A at 67 Fernald Point Road in Southwest Harbor, Maine for subsurface wastewater disposal.

Evaluation of a portion of the lot revealed at least one area where soil conditions meet the minimum drainage requirements for subsurface wastewater disposal. The 3C soils observed had evidence of a seasonal groundwater table and restrictive layer at about 26 inches in depth at TP3. A 1000 gallon septic tank followed by a 900 square foot plastic chamber disposal field would provide adequate treatment of wastewater for a 3 bedroom house at TP3 as identified on the ground with a wooden stake and orange flagging and as shown on the attached site sketch.

As with any subsurface wastewater disposal system, proper setback of a disposal system from well, structures, lot lines, bodies of water, and protected natural resources is a necessary consideration in determining whether an area that appears suitable for subsurface wastewater disposal can meet minimum setback requirements. Based on information available and my evaluation, it appears the suitable area observed at TP3 meets minimum setback requirements under the Maine State Plumbing Code. It is the responsibility of the owner or his agent to contact appropriate local officials to check on local ordinances, such as setback requirements, that may be more restrictive than the Plumbing Code prior to obtaining required permits and construction of a septic system.

Please call me at (207) 825-4792 if you have any questions.

Sincerely,

Stephen H. Howell
Site Evaluator # 213

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May 15, 2018

Mr. Siegmar Eschholz
P.O. Box 1432
Southwest Harbor, ME 04679

RE: Preliminary Soil Evaluation of a portion of proposed Lot B at 67 Fernald Point Road in Southwest Harbor, ME

Dear Sig;

As you requested, on May 10, 2018, I conducted a preliminary soils evaluation of a portion of proposed Lot B at 67 Fernald Point Road in Southwest Harbor, Maine for subsurface wastewater disposal.

Evaluation of a portion of the lot revealed at least one area where soil conditions meet the minimum drainage requirements for subsurface wastewater disposal. The 2A soils observed had evidence of possible bedrock at about 15 inches in depth at TP1. A 1000 gallon septic tank followed by a 900 square foot plastic chamber disposal field would provide adequate treatment of wastewater for a 3 bedroom house at TP1 as identified on the ground with a wooden stake and orange flagging and as shown on the attached site sketch.

As with any subsurface wastewater disposal system, proper setback of a disposal system from well, structures, lot lines, bodies of water, and protected natural resources is a necessary consideration in determining whether an area that appears suitable for subsurface wastewater disposal can meet minimum setback requirements. Based on information available and my evaluation, it appears the suitable area observed at TP1 meets minimum setback requirements under the Maine State Plumbing Code. It is the responsibility of the owner or his agent to contact appropriate local officials to check on local ordinances, such as setback requirements, that may be more restrictive than the Plumbing Code prior to obtaining required permits and construction of a septic system.

Please call me at (207) 825-4792 if you have any questions.

Sincerely,

Stephen H. Howell
Site Evaluator # 213

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May 15, 2018

Mr. Siegmar Eschholz
P.O. Box 1432
Southwest Harbor, ME 04679

RE: Preliminary Soil Evaluation of a portion of a proposed gift parcel of Lot 26 on Town Tax Map 11 on Fernald Point Road in Southwest Harbor, ME

Dear Sig;

As you requested, on May 10, 2018, I conducted a preliminary soils evaluation of a portion of a proposed gift parcel of Lot 26 on Town Tax Map 11 on 67 Fernald Point Road in Southwest Harbor, Maine for subsurface wastewater disposal.

Evaluation of a portion of the proposed gift parcel revealed at least one area where soil conditions meet the minimum drainage requirements for subsurface wastewater disposal. The 3C soils observed had evidence of a seasonal groundwater table and restrictive layer at about 26 inches in depth at TP2. A 1000 gallon septic tank followed by a 900 square foot plastic chamber disposal field would provide adequate treatment of wastewater for a 3 bedroom house at TP2 as identified on the ground with a wooden stake and orange flagging and as shown on the attached site sketch.

As with any subsurface wastewater disposal system, proper setback of a disposal system from well, structures, lot lines, bodies of water, and protected natural resources is a necessary consideration in determining whether an area that appears suitable for subsurface wastewater disposal can meet minimum setback requirements. Based on information available and my evaluation, it appears the suitable area observed at TP2 meets minimum setback requirements under the Maine State Plumbing Code. It is the responsibility of the owner or his agent to contact appropriate local officials to check on local ordinances, such as setback requirements, that may be more restrictive than the Plumbing Code prior to obtaining required permits and construction of a septic system.

Please call me at (207) 825-4792 if you have any questions.

Sincerely,

Stephen H. Howell
Site Evaluator # 213

SUBSURFACE WASTEWATER DISPOSAL SYSTEM APPLICATION

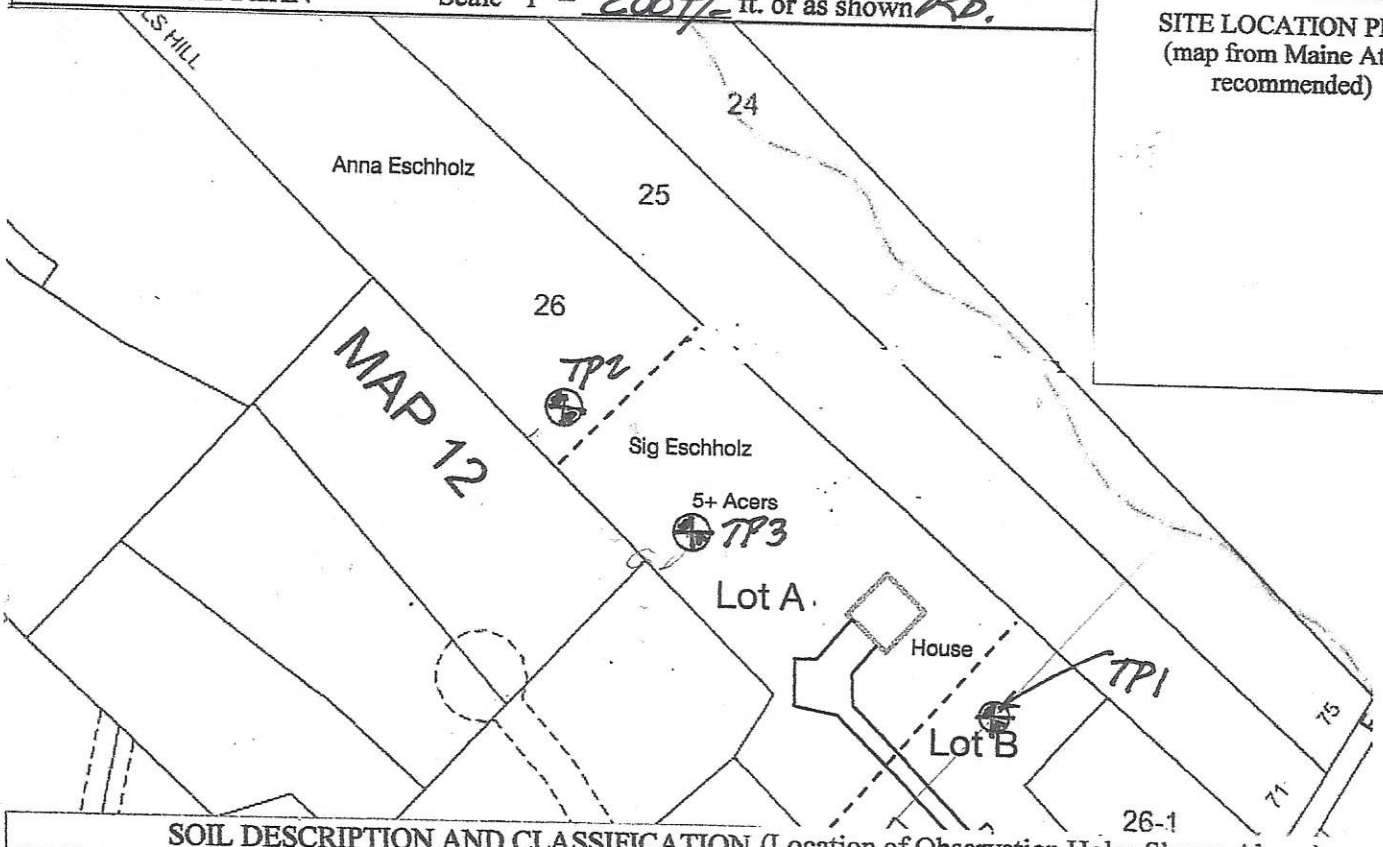
Department of Health & Human Services
Division of Environmental Health
(207) 287-5672 Fax: (207) 287-3165

Town, City, Plantation: SOUTHWEST HBR.

Street, Road, Subdivision: 67 FERNALD POINT RD.

Owner's Name: SIEGNAR ESCHHOLZ

SITE PLAN Scale 1" = 200 +/- ft. or as shown

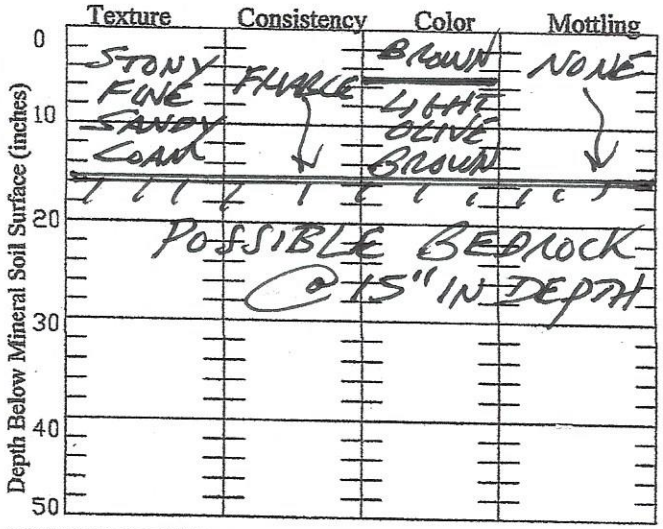


SITE LOCATION PLAN
(map from Maine Atlas recommended)

SOIL DESCRIPTION AND CLASSIFICATION (Location of Observation Holes Shown Above)

Observation Hole TP1 ☒ Test Pit ☐ Boring

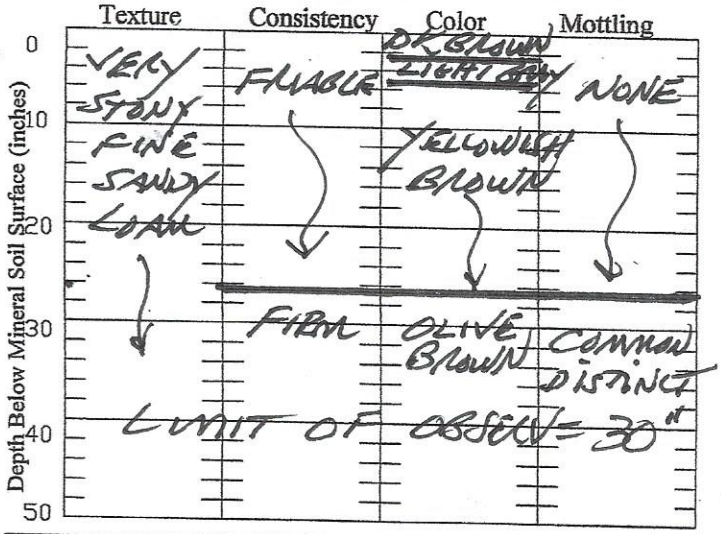
5 " Depth of Organic Horizon Above Mineral Soil



Soil Classification		Slope	Limiting Factor	
2	A	1-8 %	15"	[ ] Ground Water [ ] Restrictive Layer ☒ Bedrock [ ] Pit Depth
Profile	Condition			

Observation Hole TP2+3 ☒ Test Pit ☐ Boring

3 " Depth of Organic Horizon Above Mineral Soil



Soil Classification		Slope	Limiting Factor	
3	C	1-8%	26"	[ ] Ground Water [ ] Restrictive Layer [ ] Bedrock [ ] Pit Depth
Profile	Condition			

Site Evaluator Signature | #213 SE # | 5/15/18 Date