

Onsite Sewage Treatment Program Soil Observation Log

Backhoe Boring For Compliance 1958 Resolution

Client/ Address: 4142 Penfield Legal Description/GPS: _____ Date: 2/1/16

Soil Parent Material(s): Till Outwash Lacustrine Alluvium Loess Organic Matter Bedrock
(circle all that apply)

Landscape Position: Summit Shoulder Back/Side Slope Foot Slope Toe Slope Slope Shape: Convex (P.1)
(circle one)

Vegetation: grass small trees Soil Survey Map Unit(s): Ripon Slope (%): 5

Weather conditions/Time of Day: 9/c Observation #/Location/Method: Backhoe Elevation: _____

Depth (in)	Texture	Rock Frag %	Matrix Color(s)	Mottle Color(s)	Redox Kind(s)	Saturated Soil Indicator(s) (see back)	Structure Shape	Structure Grade	Consistence
0-6	slaty loam Fill top soil		10 3/3		Concentrations Depletions Gleyed		Granular Platy <u>Fill</u> Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
6-30"	Med. Sand Fill		7-5 3/4		Concentrations Depletions Gleyed		Granular Platy <u>Fill</u> Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
30-36"	silt Disturbed/compacted		7-5 9/2	2-5 5/6 7-5 6/1	<u>Concentrations</u> <u>Depletions</u> Gleyed		Granular <u>Platy</u> Blocky Prismatic Single Grain Massive	<u>Weak</u> Moderate Strong Loose	Loose Friable <u>Firm</u> Extremely Firm Rigid
36-48	silt		10 6/6		Concentrations Depletions Gleyed		Granular <u>Platy</u> <u>Blocky</u> Prismatic Single Grain Massive	Weak <u>Moderate</u> Strong Loose	Loose <u>Friable</u> Firm Extremely Firm Rigid
48 +	Dolomitic Limestone				Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid
					Concentrations Depletions Gleyed		Granular Platy Blocky Prismatic Single Grain Massive	Weak Moderate Strong Loose	Loose Friable Firm Extremely Firm Rigid

Comments: Backhoe boring adjacent to last trench (retentive) with Brian Humpf & Capras Workers

Certified Statement: I hereby certify that I have completed this work in accordance with all applicable ordinances, rules and laws.

(Designer)

(Signature)

(License #)

(Date)

P. General

1702

2/1/16 4142 Penfill Fill site
Permit 4626

Redox below sand fill due to low fraction
during placement of fill.

Limestone at 48" in this boring

2 30" of sand fill over silt

appears that top soil was stripped off before
fill and reused as cover

Trenches appear to have been put in
a little deeper than shown on permit (18")
at about 24-28"

In this pit, 24" to bedrock and 4" to
compactive redox

P. Gonzalez 2/1/16

