PERC SOIL/SITE EVALUATION DESCRIPTIONS

Client: Bateman Civil Survey Company, PC — Date Evaluated: 11/24/2014 and Jan 2015

Location of site: Bells Crossing Phase 3 Lot 4

Water Supply: [ ] Public [ ] Individual [ ] Well [ ] Spring [ ] Other

Evaluation Method: [ ] Auger Boring [X] Pit [ ] Cut

Type of Wastewater: [x] Sewage [ ] Industrial Process [ ] Mixed

PROFILE #	1940 Landscape Position/ Slope%	Horizon Depth (IN.)	SOIL MORPHOLOGY 1941		b PROFILE FACTORS				Profile Class & LTAR
			1941 Structure/ Texture	1941 Consistence Mineralogy	1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	
1	LS 15%	0-22	SBK / C	FI SS SP	>50	50+	NA	NA	PS 0.275
		22-50	W ABK / CL	FI SS SP					
2	LS 10%	0-9	SBK / C	VFI SS SP	>53	53+	NA	NA	PS 0.275
		9-37	SBK / C	FI SS SP					
		37-53	W SBK / CL	FI SS SP					
3	LS 15%	0-9	SBK / C	VFI SS SP	>48	48+	NA	NA	PS 0.275
		9-32	SBK / C	FI SS SP					
		32-48	W SBK / CL	FR SS SP					
4	R 5%	0-22	SBK / C	FI SS SP	>48	48+	NA	NA	PS 0.275
		22-32	W SBK / CL	FI SS SP					
		32-48	W SBK / SL	FR SS SP					

COMMENTS: Pit 1 saprolite and weathered rock inclusions @ 22". Pit 2 compacted to 9", Pit 3 compacted to 9" on one side other side not. Pit 2 weathered rock in profile and saprolite inclusions @ 37". Pit 3 saprolite inclusions @ 32". Pit 4 saprolite inclusions @ 32". Recommended initial trench depth is 36 inches.

Evaluation By: Steven Price

Landscape Position	Group	Texture	1955 LTAR
R-Ridge	I	S-Sand	1.2 - 0.8
SS-Shoulder Slope		LS-Loamy Sand	
LS-Linear Slope			
FS-Foot Slope	II	SL-Sandy Loam	0.8 - 0.6
NS-Nose Slope		L-Loam	
HS-Head Slope			
CC-Concave Slope	III	SI-Silt	0.6 - 0.3
CV-Convex Slope		SICL-Silty Clay Loam	
T-Terrace		CL-Clay Loam	
FP-Flood Plain		SCL-Sandy Clay Loam	
	IV	SC-Sandy Clay	0.4 - 0.1
		SIC-Silty Clay	
		C-Clay	

Structure
SG-Single Grain
M-Massive
CR-Crumb
GR-Granular
SBK-Subangular Blocky
ABK-Angular Blocky
PL-Platy
PR-Prismatic
W-Weak

Consistence Moist
VFR-Very Friable
FR-Friable
FI-Firm
VFI-Very Firm
EFI-Extremely Firm

Consistence Wet
NS-Non-Sticky
SS-Slightly Sticky
S-Sticky
VS-Very Sticky
NP-Non-Plastic
SP-Slightly Plastic
P-Plastic
VP-Very Plastic

