PERC SOIL/SITE EVALUATION DESCRIPTIONS

Client: Bateman Civil Survey Company, PC

Date Evaluated: 11/19/2014 and 1/9/15

Location of site: Bells Crossing Phase 3 Lot 110

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 1941 Structure/ Texture	1941 Consistence Mineralogy	b PROFILE FACTORS 1942 Soil Wetness/ Color	1943 Soil Depth (IN.)	1956 Sapro Class	1944 Restr Horiz	Profile Class & LTAR
1	LS 15%	0-8	W SBK / SCL	FR SS SP	>52 relic mottles throughout	36	PS	NA	PS 0.275
		8-30	SBK / C	FI SS SP					
		30-36	W SBK / CL	FR SS SP					
		36-52	SLESS SAP / L	FR SS SP					
2	LS 15%	0-7	W SBK / SCL	FR SS SP	>41	41+	NA	NA	PS 0.275
		7-30	SBK / C	FI SS SP					
		30-41	W SBK / CL	FR SS SP					
3	LS 20%	0-3	W SBK / SCL	FR SS SP	>50	32	PS	NA	PS 0.275
		3-16	SBK / C	FI SS SP					
		16-32	W SBK / CL	FI SS SP					
		32-50	SLESS SAP / L	FR SS SP					
4	LS 20%	0-10	W SBK / SCL	FR SS SP	>50	50+	NA	NA	PS 0.275
		10-34	SBK / C	FI SS SP					
		34-50	W SBK / CL	FR SS SP					

COMMENTS: Pit 1 weathered (yellow, black) rock throughout profile <30%. Pit 2 weathered rock throughout profile <20%.

Evaluation By: Steven Price

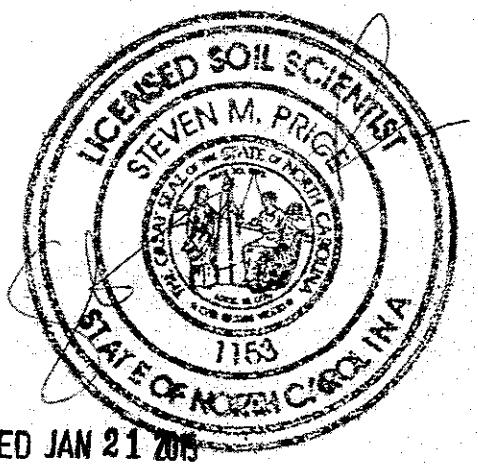
Landscape Position
R-Ridge
SS-Shoulder Slope
LS-Linear Slope
FS-Foot Slope
NS-Nose Slope
HS-Head Slope
CC-Concave Slope
CV-Convex Slope
T-Terrace
FP-Flood Plain

Group	Texture	.1955 LTAR
I	S-Sand LS-Loamy Sand	1.2 - 0.8
II	SL-Sandy Loam L-Loam	0.8 - 0.6
III	SI-Silt SICL-Silty Clay Loam CL-Clay Loam SCL-Sandy Clay Loam	0.6 - 0.3
IV	SC-Sandy Clay SIC-Silty Clay C-Clay	0.4 - 0.1

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



APPROVED JAN 21 2015