SOIL/SITE EVALUATION
(Continuation Sheet)

Sheet of

DEPARTMENT OF ENVIRONMENT
AND NATURAL RESOURCES
DIVISION OF ENVIRONMENTAL HEALTH

Ches. Pt

PROPERTY ID NO.: Ches. Pt Lot
DATE OF EVALUATION: 2-28-06
COUNTY: Pasquotank

Lot 90 & 91

PROFILE #	1940 LANDSCAPE POSITION/ SLOPE %	HORIZON ON DEPTH (IN.)	SOIL MORPHOLOGY .1941 STRUCTURE/ TEXTURE	SOIL MORPHOLOGY .1941 CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	OTHER PROFILE FACTORS .1943 SOIL DEPTH	OTHER PROFILE FACTORS .1956 SAPRO CLASS	OTHER PROFILE FACTORS .1944 RESTR HORIZ	PROFILE CLASS & LTAR
90 1	5-7%	0-11	wsbk scl	SS SP Fr	Br R				31" .2
		11-20	msbk c	SS SP Fr	R				
		20-31	msbk c	S SP Fr	R C YB drainage mottles				
		31-45	msbk scl	SS SP Fr	R C YB drainage mottles			Fe chroma	
91 1	Initial 4-6%	0-6	wsbk scl	SS SP Fr	Br R				52" .25
		6-34	msbk c	SS SP Fr	R				
		34-48	msbk c	SS SP Fr	R C Sap; WR		F YB drainage		
		48-52	wsbk c/scl	S SP Fr	R F to C YB drainage		C Sap; WR		
2	4-6% Repair	0-8	myr sl	SS SP Fr	Br				50" .25
		8-35	msbk c	SS SP Fr	R	F Sap			
		35-50	msbk c	SS SP Fr	R F to C YB drainage		F Sap		

COMMENTS:

S&ME, INC.
SITE/SOIL EVALUATION

CHES PT.

Project No. 1588-04-011 **Phone No.** _____ **Date:** _____
Location LOT 91 **Pin** _____ **County:** _____ **Property Size** _____

Proposed Facility: _____ **Water Supply:** On-Site Well ☐ Community ☐ Public ☐ **Evalulation:** Auger Boring ☐ Pit ☐ Cut ☐

Weather: Rain **Antecedent Moisture** Initial **Surface Water:** _____

FACTORS	PROFILE # 1	PROFILE # 2	PROFILE # 3	PROFILE
Landscape Position %	CONCAVE	LIN - 3-5%	LIN - 3-5%	
Horizon Depth I	0-8	0-7	0-6	
Color Munsell	BR	BR	BR	
Texture	cl	cl	cl	
Structure	WSBK	WSBK	WSBK	
Consistence	ss sp fr	ss sp fr	ss sp fr	
Boundary				
Horizon Depth II	8-42	7-38	6-28	
Color – Munsell	Red	Red	Red	
Texture	c/cl	c	c	
Mottles	–	–	–	
Structure	MSBK	MSBK	MSBK	
Consistence	ss sp fr	ss sp fr	ss sp fr	
Boundary				
Horizon Depth III	42-48+	38-48+	28-32	
Color – Munsell	Red	Red	Red	
Texture	cl	c/cl	c	
Mottles	YB (fif to cef)	–	3 chroma (fif)	
Structure	WSBK	WSBK	WSBK	
Consistence	ss sp fr	ss sp fr	ss sp fr	
Boundary				
Horizon Depth IV			32-48+	
Color – Munsell			Red	
Texture			cl	
Mottles			–	
Structure			WSBK	
Consistence			ss sp fr	
Boundary				
Soil Wetness	–	–	–	
Restrictive Horizon	N/A	–	–	
Saprolite	–	–	–	
LTAR	0.25/0.3	0.3	0.25/0.3	
Classification	P.S.	P.S.	P.S.	

LEGEND

LANDSCAPE POSITION

R	Ridge Interfluve
S	Shoulder
L	Linear Slope
S	Foot Slope
N	Nose Slope
H	Head Slope
Cc	Conclave Slope
Cv	Convex Slope
T	Terrace
P	Flood Plain

TEXTURE

s	sand
ls	Loamy sand
sl	sandy loam
l	loam
si	silt
sil	silt loam
sicl	silty clay loam
cl	clay loam
scl	sandy clay loam
sc	sandy clay
sic	silty clay
c	clay

CONSISTENCE WET

Ns	non-sticky
Ss	slightly sticky
S	sticky
Vs	very sticky
Np	non-plastic
Sp	slightly plastic
P	plastic
Vp	very plastic

MOIST

vfr	Very friable
fr	friable
fi	firm
vfi	Very firm

STRUCTURE

sg	single grain
m	massive
cr	crumb
gr	granular
sab	subangular blocky
ab	agular blocky
pl	platy
pr	prismatic