S&ME, INC.
SITE/SOIL EVALUATION

Project No. 1588-11-02, **Phone No.** _____ **Date:** _____
Location ~~Lot~~ Lot 3 6; Sth Rig off **County:** Iredell **Property Size** _____

Proposed Facility: 3bh **Water Supply:** On-Site Well ☐ Community ☐ Public ☐ **Evaluation:** Auger Boring ☒ Pit ☐ Cut ☐
Described By: Paul P
Weather: _____ **Antecedent Moisture** _____ **Surface Water:** _____

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4
Landscape Position %	L ~ 5%	L ~ 5%	L ~ 5%	L
Horizon Depth I	0-22	0-20	0-29	0-22
Color Munsell	10YR	10YR	10YR	10YR
Texture	C/cl	sl cl	scl	cl
Structure	mf sbk	2.5Y 5/3	wk sbk	wk sbk
Consistence	fr ss/sp	mottled, gravel	mot coil fi	fr ss/sp
Boundary				
Horizon Depth II	22-29	20-29	29-~~48~~ 40	22-47
Color – Munsell	br	br	10YR	10YR
Texture	scl	scl	C	C
Mottles	root ind			fr 7.5YR mbl
Structure	wk sbk	wk sbk	mf sbk	mf sbk
Consistence	fr ss/sp	fr ss/sp	fr ss/sp	fr ss/sp
				slp
Boundary				
Horizon Depth III	29-48	29-46	40-72	
Color – Munsell	10YR	10YR	10YR	
Texture	C	C	cl	
Mottles			f sap →	
Structure	mf sbk	mf sbk	wk sbk	
Consistence	fi sp - fr ss/sp	fr ss/sp - slp	fr ss/sp	
	cf mica			
Boundary				
Horizon Depth IV		46-70		
Color – Munsell		10YR		
Texture		cl		
Mottles		f sap		
Structure		wk sbk		
Consistence		fr ss/sp		
Boundary				
Soil Wetness	—	—	—	—
Restrictive Horizon	—	—	—	—
Saprolite	—	—	—	—
LTAR	.3	.3	.3	.3
Classification	PS	PS 702	PS	PS

Same as Hb 1 10' over

LEGEND

LANDSCAPE POSITION
- R Ridge Interfluve
- S Shoulder
- L Linear Slope
- S Foot Slope
- N Nose Slope
- H Head Slope
- Cc Concave 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 angular blocky
- pl platy
- pr prismatic

S&ME, INC.
SITE/SOIL EVALUATION

Project No. _____ **Phone No.** _____ **Date:** 10/3 U:SA Cont.
Location _____ **Pin** _____ **County:** _____ **Property Size** _____

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

Described By: _____
Weather: _____ **Antecedent Moisture** _____ **Surface Water:** _____

FACTORS	PROFILE 5	PROFILE	PROFILE	PROFILE
Landscape Position %	L			
Horizon Depth I	0 - 30			
Color Munsell	4-1/2 N			
Texture	CL			
Structure	W F SBK			
Consistence	fr SS/SP			
Boundary				
Horizon Depth II	30 - 46 SC			
Color – Munsell	2.5 Y 4/4			
Texture	H. CL			
Mottles	C SAP			
Structure	M SBK			
Consistence	fr SS/SP			
Boundary				
Horizon Depth III				
Color – Munsell				
Texture				
Mottles				
Structure				
Consistence				
Boundary				
Horizon Depth IV				
Color – Munsell				
Texture				
Mottles				
Structure				
Consistence				
Boundary				
Soil Wetness	→			
Restrictive Horizon	→			
Saprolite	→			
LTAR	1.3			
Classification	PsI			

LEGEND

LANDSCAPE POSITION

R	Ridge Interfluve
S	Shoulder
L	Linear Slope
S	Foot Slope
N	Nose Slope
H	Head Slope
Cc	Concave 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	angular blocky
pl	platy
pr	prismatic