S&ME, INC.
SITE/SOIL EVALUATION

Project No. Don Fraser **Phone No.** _____ **Date:** 4-22-08
Location Ripchair **Pin** _____ **County:** Iredell **Property Size** _____

Proposed Facility: 4 Rch **Water Supply:** On-Site Well [X] **Evaluation:** Auger Boring [X]
Community [ ] Pit [ ]
Described By: Rsr, JP, mm Public [ ] Cut [ ]
Weather: _____ **Antecedent Moisture** moist **Surface Water:** L, N

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4
Landscape Position %	L 2-4%	L 2-6%	L 2-6%	L
Horizon Depth I	0-8	0-6	0-8	0-4
Color Munsell	H. br	—	DK br	4-11 red
Texture	l sap	Gravel	sl	c-p
Structure	Mass	Mass	wsbk	Hard
Consistence	VFR	VFI	FR ns/np	fr sbk
Boundary				
Horizon Depth II	8-48	6-45	8-19	4-24
Color – Munsell	R	R	RS	red
Texture	c	c	scl	c
Mottles	F:f sap C: DK br	Mottles —	—	f-m-d SR
Structure	wsbk	mmsbk	wsbk	m-ws Blk
Consistence	FR ss sp	FI/FR ss/sp	FR ss/sp	fr ss/p
	Many Roots			
Boundary	Trans-II			
Horizon Depth III	48+	45-48+	19-24	24-28
Color – Munsell		R	R	Red
Texture		cl	c	cl
Mottles		—	F: sap/inch + mica flakes	
Structure	Pass	wsbk	mmsbk	wsbk
Consistence	Slump Hole	FR ss sp	FI/FR ss/sp	FR ss/sp
Boundary				
Horizon Depth IV			44-48	
Color – Munsell			R	
Texture			c/cl	
Mottles			F: sap/inch	
Structure			wsbk	
Consistence			FR ss sp	
Boundary				
Soil Wetness		N/A	N/A	
Restrictive Horizon		N/A	N/A	
Saprolite				
LTAR	.3	0.3	0.3	.3
Classification	PS	PS	PS	PS

LEGEND

LANDSCAPE POSITION

R	Ridge Interfluve
S	Shoulder
L	Linear Slope
FS	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
sbk	subangular blocky
abk	angular blocky
pl	platy
pr	prismatic

S&ME, INC.
SITE/SOIL EVALUATION

Project No. Doo Fraser **Phone No.** _____ **Date:** _____
Location _____ **Pin** _____ **County:** _____ **Property Size** _____

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

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

FACTORS	PROFILE 5	PROFILE 6	PROFILE 7	PROFILE 8
Landscape Position %	L	L	L	L
Horizon Depth I	0-6	0-9	0-15	0-20
Color Munsell	10yr	bc	red bc	bs
Texture	sl	scl	scl	scl
Structure	wsbk	wsbk	wsbk	wsbk
Consistence	fr ss/sp	fr ss/sp	fr ss/sp	fr ss/sp
Boundary				
Horizon Depth II	6-40	8-36	15-28	20-40
Color – Munsell	nvl c	nvl c	nvl c	nvl c
Texture				f 4-11 mott
Mottles				
Structure	mwsbk	mwsbk	mwsbk	mwsbk
Consistence	fr ss/sp	fr ss/sp	fr ss/sp	fr ss/sp
				ss/sp
Boundary				
Horizon Depth III	40-48	36-48	28-37	40-48
Color – Munsell	nvl cl	nvl ftc/hvrcl	nvl c	nvl cl
Texture	f mod sbk	f m-c sbk flakes	f sbk/gr	f sbk
Mottles				
Structure	mwsbk	mwsbk	mwsbk	mwsbk
Consistence	fr ss/sp	fr ss/sp	fi/fr ss/sp	fr ss/sp
Boundary				
Horizon Depth IV			33-48	
Color – Munsell			nvl	
Texture			f cl	
Mottles			f m-c sbk flakes	
Structure			mwsbk	
Consistence			fr ss/sp	
Boundary				
Soil Wetness				
Restrictive Horizon				
Bedrock				
SHWT	.3	.3	.3	.3
Classification	PS	PS	PS	PS
			36" TD	

LEGEND

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S&ME, INC.
SITE/SOIL EVALUATION

Project No. Dan Frank **Phone No.** _____ **Date:** _____

Location _____ **Pin** _____ **County:** _____ **Property Size** _____

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

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

ACTORS	PROFILE	PROFILE	PROFILE	PROFILE
andscape Position %	O - 8			
orizon Depth I	br			
olor Munsell	10			
exture	sc			
ructure	sbk 1			
onsistence				
oundary				
orizon Depth II	8 - 28			
olor – Munsell	2.5			
exture	c			
ottles				
ructure	f,5,sbk/abk			
onsistence	Sh s/p			
oundary				
orizon Depth III	28 - 46			
olor – Munsell	2.5			
xture	sc			
ottles	c,mon,f,5,ap			
ucture	m - w sbk			
nsistence	fi s/p			
undary				
rizon Depth IV				
lor – Munsell				
xture				
ottles				
ucture				
nsistence				
undary				
l Wetness				
strictive Horizon				
orolite				
AR				
ssification	Ks - 3			

LEGEND

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