TCJ CONSULTING

SITE / SOIL EVALUATION

JOB: _____ PHONE: _____ DATE: 3/21/96

LOCATION: _____ PIN: _____ COUNTY: Iredell PROPERTY SIZE: _____

PROPOSED FACILITY: _____ WATER SUPPLY: On-Site Well ✓ Community__ Public__ EVALUATION: Auger Boring ✓ Pit__ Cut_____

WEATHER: Cold ANTECEDENT MOISTURE: Wet SURFACE WATER: None

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE
LANDSCAPE POSITION	LS 5-6	head	head bottom w/ poorly	
HORIZON I DEPTH	0-5	0-10	0-11 A	
Color - Munsell	10yr	add 5yr	10yr 5/1	
Texture	scl	sl, scl	sl, l, scl	
Structure				
Consistence	friable, ss/sp, fc, pw/pl	friable, ss/sp, fc, nest	friable ss/sp	
Boundary	clear	clear	clear	
HORIZON II DEPTH	5-19	10-24	11-16	
Color - Munsell	10yr 5/8	10yr 5/8	10yr 5/8	
Texture	c	c	sic, sicl	
Mottles	NA	NA	NA	
Structure	sm-m sbk	wk-vf sbk	wk-mod pl/sbk	
Consistence	firm ss/sp fs/ps	firm ss/sp fs/ps, fi when moist	firm ss/sp	
Boundary	clear	abrupt	clear	
HORIZON III DEPTH	19-46	24-36	16-31	
Color - Munsell	10yr 5/8	10yr 5/8 mot 10yr 6/1	10yr 5/8 mot 10yr 6/1	
Texture	cl	sicl, c	sicl	
Mottles	few faint distinct	NA	NA	
Structure	wk f sbk	wk vf sbk	m	
Consistence	friable ss/sp	friable, ss/sp fs/vs when wet		
Boundary		abrupt wavy		
HORIZON IV DEPTH	46-48	36-41 by probe, 46 by auger	31-46	
Color - Munsell	10yr 6/1 mot 10yr 5/8		10yr 6/1 mot 10yr 5/8	
Texture	sicl		c	
Mottles	com		NA	
Structure	m, pl/sbk		wk f sbk	
Consistence	firm ss/sp when wet slightly brittle		friable ss/sp when wet	
Boundary				
SOIL WETNESS				
RESTRICTIVE HORIZON				
SAPROLITE	46			
LTAR				
CLASSIFICATION	P3	P3	P3 w/ aquic subgroup	

LEGEND

LANDSCAPE POSITION
R - Ridge
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
efi - extremely firm

STRUCTURE
sg - single grain
m - massive
cr - crumb
gr - granular
sabk - subangular blocky
abk - angular blocky
pl - platy
pr - prismatic