TCJ CONSULTING

SITE / SOIL EVALUATION

JOB: Mike Knorr PHONE: _____ DATE: 11/7/96

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

PROPOSED FACILITY: _____ WATER SUPPLY: On-Site Well__ Community__ Public__ EVALUATION: Auger Boring__ Pit__ Cut_____

WEATHER: _____ ANTECEDENT MOISTURE: _____ SURFACE WATER: _____

Observed Most recent

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4
LANDSCAPE POSITION				
HORIZON I DEPTH	0-6	0-5 1	do	0-3 1
Color - Munsell	bn	dk bn	Wetlands 2"	bn
Texture	sl cl	sl	of PA V	s.l
Structure	g	g		g
Consistence	fr friable	friable		
	moist	lt moist		moist
Boundary	clear			grad wavy
HORIZON DEPTH II	6-16 B	5-14 e		3-21
Color - Munsell	red	dk br		red
Texture	lic cbd	scl sl bcly		c
Mottles	NA	NA		NA
Structure	m sbk	sl med sbk		sl sbk
Consistence	fri	firm w/ plastic fri		mod firm
		NP/sp		
Boundary	clear-grad	clear		
HORIZON III DEPTH	16-28 BC	14-37 B		28-36 BC
Color - Munsell	red/brn	red		red br
Texture	cl	c		sc
Mottles	rdish brn/brn/gry	lt gry cl/sl/pm		red/gry
Structure	wk sbk	m cbk		sl sbk
Consistence				fi to firm
	sl sndy			
Boundary				
HORIZON IV DEPTH	28-50 BC	37-50 BC		36-72+ BC
Color - Munsell	red/yel			red br
Texture	l			sc/l PSA
Mottles	rdish brn/brn/gry/wht			red/gry
Structure	sl cbk			m
Consistence	firm			fi to firm
	50-60 C	50-96+ M 10R 5/8 CLAY		72-120 BC
Boundary	cl			red br
SOIL WETNESS	grdy cl			sc
RESTRICTIVE HORIZON	fi sndy l			fi to firm
SAPROLITE				
LTAR				
CLASSIFICATION	60-96			

all Profiles have this mix

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
MOIST / WET

WET
Ns - non-sticky
Ss - slightly sticky
S - sticky
Vs - very sticky

Np - non-plastic
Sp - slightly plastic
P - plastic
Vp - very plastic

MOIST
lo - very friable
fr - friable
fi - firm
vfi - very firm
efi - extremely firm

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

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lot 17 lot 19 ditch

FACTORS	PROFILE 5	PROFILE 6	PROFILE 7	PROFILE
LANDSCAPE POSITION-%	30%	10%	10% 20%	
HORIZON I DEPTH	0-3	0-6 fic		
Color - Munsell	dk reddish br	dark brn/gray		
Texture	sl, fsd	scl		
Structure	g	g		
Consistence	friable	firm		
		lt brick		
Boundary	clear	clear		
HORIZON DEPTH II	3-20 C	6-24	4-36	
Color - Munsell	5YR	red	red	
Texture	sl, scl	c	c	
Mottles	NO		10% fine/dist	
Structure		M-2 f SBK	SBK	
Consistence		firm		
	Mod Plastic	Sticky		
Boundary				
HORIZON III DEPTH	20-40	24-50	36-60 +/-	
Color - Munsell	red	yel red	red	
Texture	c	cl	C w/ sand	
Mottles	YP	many/dist	10% faint/dist	
Structure				
Consistence				
	Comp f mod Plas			
Boundary				
HORIZON IV DEPTH	40-75	50-66		
Color - Munsell	red	tan		
Texture	C	scl		
Mottles				
Structure	M blk			
Consistence				
	Mod Sticky/Plas			
Boundary	75-120			
SOIL WETNESS	90			
RESTRICTIVE HORIZON	fsl P53			
SAPROLITE				
LTAR				
CLASSIFICATION				

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