SOIL/SITE EVALUATION
for ON-SITE WASTEWATER SYSTEM

OWNER: Henry Johnson APPLICANT: Same
ADDRESS: 172 Wits end Trout man, NC APPLICATION DATE: 1/3/00 DATE EVALUATED: 2/1/00
PROPOSED FACILITY: 3BD. SW PROPOSED DESIGN FLOW (.1949): 360 PROPERTY SIZE: ?
LOCATION OF SITE: 115-2 IN TR IRONSTONE TL WITSEND, MIDDLE FORK TO END PROPERTY RECORDED: ?
WATER SUPPLY: ☒ Private ☐ Public ☐ Well ☐ Spring ☐ Other
EVALUATION METHOD: ☒ Auger Boring ☐ Pit ☐ Cut
TYPE OF WASTEWATER: ☒ Sewage ☐ Industrial Process ☐ Mixed

	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941) STRUCTURE/ TEXTURE	SOIL MORPHOLOGY (.1941) CONSISTENCE/ MINERALOGY	OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	PROFILE CLASS & LTAR
①	LS 9%	0-3	GR / sl	1:1 / SP-S	P		U		
		4-22	vwk sbk / hcl	1:1 / P-S FR					
		23-36	~M / c SAP EXP	~2:1 / VP-VS FI EXP					
②	~cL 3%	0-8	sbk / cl	1:1 / SP-S	S				
		9-26	wk / c	1:1 / S-P FR	PS				
		27-34	vwk / c SAP EXP	/ VS-VP FI			U		
③	LS 4-5%	0-4	GR / cl	1:1 / SS-NP FR					
		5-23	wk sbk / cl	1:1 / SS-SP FR					
		24-36	wk sbk / cl SAP	1:1 / SS-SP FI					.2
		37-49	GR / sl SAP	/ SS-SP FR			PS		

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM
ailable Space (.1945)	PS	PS
stem Type(s)	25% Red.	50% Red
e LTAR	.2-.25	.25

OTHER FACTORS (.1946):
SITE CLASSIFICATION (.1948): PS
EVALUATED BY: W SPARKS
OTHER(S) PRESENT: RICHARD (OAKWOOD)

DSCAPE POSITION	GROUP	SOIL TEXTURE	CONVENTIONAL .1955 LTAR	LPP .1957 LTAR	MINERALOGY/ CONSISTENCE	STRUCTURE
Concave Slope)	I	S (Sand)	1.2 - 0.8	0.6 - 0.4	NEXP (Non-expansive)	G (Single Grain)
Convex Slope)		LS (Loamy Sand)			SEXP (Slightly Expansive)	M (Massive)
rainage Way)					EXP (Expansive)	CR (Crumb)
Debris Slump)	II	SL (Sandy Loam)	0.8 - 0.6	0.4 - 0.3		GR (Granular)
Flood Plain)		L (Loam)				SBK (Subangular Blocky)
Spot Slope)						ABK (Angular Blocky)
Head Slope)	III	SI (Silt)	0.6 - 0.3	0.3 - 0.15		PL (Platy)
Linear Slope)		SICL (Silty Clay Loam)				PR (Prismatic)
Base Slope)		CL (Clay Loam)				
Ridge)		SCL (Sandy Clay Loam)			MOIST	WET
Boulder Slope)		SLC (Silt Loam Clay)				
Terrace)					VFR (Very Friable)	NS (Non-sticky)
	IV	SC (Sandy Clay)	0.4 - 0.1	0.2 - 0.05	FR (Friable)	SS (Slightly Sticky)
		SIC (Silty Clay)			FI (Firm)	S (Sticky)
					VFI (Very Firm v. Very Sticky)	VS (Very Sticky)
		O (Organic)	None		EFI (Extremely Firm)	NP (Non-plastic)
						SP (Slightly Plastic)
						P (Plastic)
						VP (Very Plastic)

ZON DEPTH	In inches below natural soil surface
H OF FILL	In inches from land surface
UCTIVE HORIZON	Thickness and depth from land surface
OLITE	S(suitable) or U(unsuitable)
PETNESS	Inches from land surface to free water or inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation
IFICATION	S (Suitable), PS (Provisionally Suitable), or U (Unsuitable)

tion of saprolite shall be by pits.

rm Acceptance Rate (LTAR): gal/day/ft²

Show profile locations and other site features (dimensions, reference or benchmark, and North).

