Department of Environment, Health and Natural Re	
Division of Environmental Health	
On Sita Wasterwater Section	

Sheet: Property ID: Lot #: File #: Code:

SOIL/SITE EVALUATION for ON-SITE WASTEWATER SYSTEM

Owner: Address:	Applicant:	Date Evaluated: 3/2	J/204		
			•		
Proposed Facility:		Design Flow (.1949):		Property Size:	
Location of Site:		Property Recorded:			
Water Supply:	Public	Individual	Well	Spring	Other
Evaluation Method	: Auger Boring	☐ Pit	☐ Cut	_ ' '	
Type of Wastewate	r: Sewa	ge 🔲 Industria	l Process	☐ Mixed	

.1940					OTHER PROFILE FACTOR	:s		
Position/ Slope %	Horizon Depth (In.)	.1941 Structure/ Texture	.1941 Consistence Mineralogy	.1942 Soil Wetness/ Color	.1943 Soil Depth (IN.)	.1956 Sapro Class	.1944 Restr Horiz	Profile Class & LTAR
590	0-26	GSL	VKINSUP					
	26.5	SBUIC	Fis SP					PS.3
		,						
	0.22	G/12	VENSNP					
	22.76	554/C	KiSSP					8.3
		,						
	0-13	G/5h	ShOND					
	17-32	50K/C	VK-8551					8.4
								-
	Landscape Position/ Slope %	Landscape Position/Slope % Horizon Depth (In.) LS 90 C-26 L6 75 C-21 22-76	1940 Landscape Position/ Slope % Horizon Depth (In.) 1941 Structure/ Texture Long Shift 22.76 Shift 22.76 Shift C	Landscape Position/ Depth (In.) Slope % Landscape Position/ Depth (In.) Structure/ Texture Mineralogy Landscape Position/ Depth (In.) Landscape Position/ Depth (I	1940	1940 Landscape Position/ Slope % (In.) Logical Horizon Depth (In.) Structure/ Texture Mineralogy Color Depth (IN.) Logical Horizon Depth (In.) Structure/ Consistence Mineralogy Color Depth (IN.) Color Depth (IN.) Color Depth (IN.) Color Depth (IN.) Color Depth (IN.)	1940 Landscape Position/ Slope % (In.) Structure/ Texture Mineralogy Consistence Mineralogy Color Depth (IN.) Landscape Position/ Structure/ Consistence Mineralogy Color Depth (IN.) Class Color Depth (IN.) Class Color Color Depth (IN.) Class	1940

Initial	Repair System	Other Factors (.1946):
System		Site Classification (.1948): PS
		Evaluated By: /3 / M
2593	25%	Others Present: Mr. Mandon
13	.4	117.11000
	System	System

COMMENTS: ____

LANDSCAPE POSITIONS	GROUP	TEXTURES	.1955 LTAR	CONSISTENCE MOIST	WET
R-RIDGE S-SHOULDER SLOPE L-LINEAR SLOPE	I	S-SAND LS-LOAMY SAND	1.2 - 0.8	VFR-VERY FRIABLE FR-FRIABLE	NS-NON-STICKY SS-SLIGHTY STICKY
FS-FOOT SLOPE N-NOSE SLOPE H-HEAD SLOPE	П	SL-SANDY LOAM L-LOAM	0.8 - 0.6	FI-FIRM VFI-VERY FIRM EFI-EXTREMELY FIRM	S-STICKY VS-VERY STICKY NP-NON-PLASTIC
CC-CONCLAVE SLOPE CV-CONVEX SLOPE T-TERRACE FP-FLOOD PLAN	Ш	SI-SILT SIL-SILT LOAM CL-CLAY LOAM SCL-SANDY CLAY LOAM	0.6 - 0.3		SP-SLIGHTLY STICKY P-PLASTIC VP-VERY PLASTIC

SIC-SILTY CLAY 0.4 - 0.1 ſV C-CLAY

SC-SANDY CLAY

STRUCTURE SG-SINGLE GRAIN M- MASSIVE CR-CRUMB **GR-GRANULAR**

SBK-SUBANGULAR BLOCKY ABK-ANGULAR BLOCKY

PL-PLATY

MINERALOGY SLIGHTLY EXPANSIVE

EXPANSIVE

-		ΓIC		 -	Show	profil	e loca	tions	and o	ther s	site fe	atures	(dim	ensio	ns, re	ferenc	es or	bench	mark	, and	North	1)					
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HAL UVEN & ASSOCIATES, INC.

SOIL & ENVIRONMENTAL SCIENTISTS

P.O. Box 400, 266 Old Coats Road Lillington, NC 27546-0400 Phone (910) 893-8743 / Fax (910) 893-3594 www.halowensoil.com

2 February, 2011

Mr. Brandon Nordan 229 Carlie Nordan Lane Lillington, NC 27546

Reference: Final Report for Comprehensive Soil Investigation Christopher & Jan Nordan Property – 1.55 Acres

Dear Mr. Nordan,

A comprehensive soil investigation has been conducted at the above referenced property, located on the south side of Carlie Nordan Lane west of Autry Road (SR 1131), Upper Little River Township, Harnett County, North Carolina. The purpose of the investigation was to determine the ability of this lot to support a subsurface sewage waste disposal system and repair area for a typical three-bedroom home. All soil ratings and determinations were made in accordance with "Laws and Rules for Sewage Treatment and Disposal Systems, 15A NCAC 18A .1900". It is my understanding that individual septic systems and public water supplies will be utilized at this site. The maximum house footprint used for this evaluation was 50 X 50 feet. The entire 1.55 acres was investigated for the occurrence of wetland areas and none were observed.

A significant portion of this lot was observed to be underlain by provisionally suitable soils for subsurface sewage waste disposal (see attached map). These provisionally suitable soils were observed to be firm sandy clay loams to greater than 30 inches and appear adequate to support long term acceptance rates of 0.3 to 0.4 gal/day/sqft. It appears that the soils on this lot are adequate to support a conventional septic system and repair area for at least one residence.

This soil investigation report and map, when provided to the Harnett County Health Department, should allow them to sign the maps for recordation. I appreciate the opportunity to provide this service and hope to be allowed to assist you again in the future. If you have any questions or need additional information, please contact me at your convenience.

Sincerely

Hal Owen

Licensed Soil Scientist

MOSSIA COOPER

on Science Investigations . Wetland Delineations, Permitting, and Consulting



