

ON-SITE WASTEWATER SECTION

**SOIL/SITE EVALUATION
 for ON-SITE WASTEWATER SYSTEM**

OWNER: Cameron's Ridge L.L.C. APPLICATION DATE _____
 ADDRESS: 121 Notquyta Road, Murphy, NC 28906 DATE EVALUATED: 10/03/06
 PROPOSED FACILITY: dwl - 3 br PROPOSED DESIGN FLOW (.1949): 360 g/d PROPERTY SIZE: 1.02 ac
 LOCATION OF SITE: Lot 14, Cameron's Ridge PROPERTY RECORDED: _____
 WATER SUPPLY: Private Public Well Spring Other _____
 EVALUATION METHOD: Auger Boring Pit Cut TYPE OF WASTEWATER: Sewage Industrial Process Mixed

P R O F I L E #	.1940 LANDSCAPE POSITION/ SLOPE %	HORIZON DEPTH (IN.)	SOIL MORPHOLOGY (.1941)		OTHER PROFILE FACTORS				PROFILE CLASS & LTAR
			.1941 STRUCTURE/ TEXTURE	.1941 CONSISTENCE/ MINERALOGY	.1942 SOIL WETNESS/ COLOR	.1943 SOIL DEPTH	.1956 SAPRO CLASS	.1944 RESTR HORIZ	
1	CV 36% GPS N 35.11106 W 84.23711	A1 0-7"	1FGR - SL	NEXP-MVFR	10YR 3/3	>75"	None	None	0.8 - 0.6
		A2 7-22"	2FGR - L	NEXP-MVFR	10YR 4/4				0.8 - 0.6
		Bt1 22-63"	2FSBK - SL	NEXP-MFR	7.5YR 4/4				0.8 - 0.6
		Bt2 63-75"	2FSBK - SL	NEXP-MFR	10YR 4/3				0.8 - 0.6
2	CV 36% GPS N 35.11116 W 84.23705	A1 0-5"	1FGR - SL	NEXP-MVFR	10YR 3/3	64"	None	None	0.8 - 0.6
		A2 5-24"	1FGR - SL	NEXP-MVFR	10YR 4/3				0.8 - 0.6
		Bt1 24-42"	2FSBK - CL	NEXP-MFR	10YR 4/4				0.6 - 0.3
		Bt2 42-60"	2FSBK - CL	NEXP-MFR	7.5YR 4/4				0.6 - 0.3
		B&C 60-64"	2MSBK -CL,SL	NEXP-MFI	2.5Y 4/3				0.6 - 0.3, 0.8 - 0.6
3	CV 36% GPS N 35.11110 W 84.23705	A1 0-4"	1FGR - L	NEXP-MVFR	10YR 3/3	>75"	None	None	0.8 - 0.6
		A2 4-14"	1FGR - L	NEXP-MVFR	10YR 4/4				0.8 - 0.6
		Bt1 14-50"	2FSBK -CL	NEXP-MVFR	7.5YR 4/4				0.6 - 0.3
		B&C 50-75"	2MSBK-SL	NEXP	10YR 4/4				0.8 - 0.6
4									

DESCRIPTION	INITIAL SYSTEM	REPAIR SYSTEM	OTHER FACTORS (.1946): <u>NONE</u> SITE CLASSIFICATION (.1948): <u>Provisionally Suitable - Slope > 30%</u> EVALUATED BY: <u>Arville Touchet</u> OTHER(S) PRESENT: _____ Soil Taxonomy: <u>Fine-loamy, mixed, subactive mesic Typic Hapludults</u>
Available Space (.1945)	<u>Sufficient</u>	<u>Sufficient</u>	
System Type(s)			
Site LTAR	<u>0.6 - 0.3</u>	<u>0.6 - 0.3</u>	

COMMENTS: Top soil has channers.
Subsoils have thin discontinuous highly weathered stone lines.