DEPARTMENT OF HUMAN RESOURCES
DIVISION OF HEALTH SERVICES

SITE / SOIL EVALUATION FOR SANITARY SEWAGE SYSTEM

OWNER: E. W. Blackwell / Ken Hall PHONE: 372 6820 DATE REQUESTED: 2-7-92 DATE EVALUATED: 2-12-92

ADDRESS: _____ PROPERTY IDENTIFICATION NO.: _____

COUNTY: Iredell PROPERTY SIZE: approx 11/2 acre PROPOSED FACILITY: Fire station

LOCATION OF SITE: Southwest Corner Annity Oswalt & Triplett Rd

WATER SUPPLY: On-Site Well ✓ Community _____ Public _____ EVALUATION BY: Auger Boring ✓ Pit _____ Cut _____

FACTORS	PROFILE 1	PROFILE 2	PROFILE 3	PROFILE 4	PROFILE 5
LANDSCAPE POSITION	L	L			
SLOPE (%)	2%	2%			
HORIZON I DEPTH	0-2"	0-2"			
Texture Group	ls	ls			
Consistence	vfv	vfv			
Structure	sg	sg			
Mineralogy	1:1	1:1			
HORIZON II DEPTH	2+to HD	2+to HD			
Texture Group	cl	cl			
Consistence	vfi	efi			
Structure	sbk	sbk			
Mineralogy	1:1	1:1+mixed			
HORIZON III DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
HORIZON IV DEPTH					
Texture Group					
Consistence					
Structure					
Mineralogy					
SOIL WETNESS	no low chroma	some low chroma mottles			
RESTRICTIVE HORIZON	none	none			
SAPROLITE	42"	42"			
CLASSIFICATION	Prov. Suitable	Prov. Suitable			
LONG-TERM ACCEPTANCE RATE	.3 gal/sq' /day	.25 gal/sq' /day			

SITE CLASSIFICATION: Prov. Suitable SITE LONG-TERM ACCEPTANCE RATE: .28 gal/sq'/day

EVALUATED BY: T.C. Moore OTHER(S) PRESENT: Debbie Bryant (Student)

REMARKS:

System would be best located on East side of property.

LEGEND

LANDSCAPE POSITION
- R - Ridge
- S - Shoulder slope
- L - Linear slope
- FS - Foot slope
- N - Nose slope
- H - Head slope
- Cc - Concave slope
- Cv - Convex slope
- T - Terrace
- FP - 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
- vfr - very friable
- fr - friable
- fi - firm
- vfi - very firm
- efi - extremely firm

WET
- Ns - non-sticky
- Ss - slightly sticky
- S - sticky
- Vs - very sticky
- Np - non-plastic
- Sp - slightly plastic
- P - plastic
- Vp - very plastic

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

MINERA
1:1, 2:1,

Use the above standard abbreviations.

NOTES:
- Horizon Depth -- in inches
- Depth of Fill -- in inches from land surface
- Restrictive Horizon -- thickness and inches from land surface
- Saprolite -- S (suitable) or U (unsuitable)

DHS 2601 (Revised _____)
Sanitation Branch (Review _____)

NOTES:
- Soil Wetness -- inches from land surface to free water or inches from land surface to soil colors w/ chroma 2 or less -- record Munsell color chip designation
- Classification -- S (suitable), PS (provisionally suitable) or U (unsuitable)
- Long-Term Acceptance Rate -- gal/day/ft²