

SITE/SOIL EVALUATION
FOR
ON-SITE WASTE WATER

APPLICANT: Wesco Land Inc. PHONE: _____ APPLICATION DATE: 1-23-97
ADDRESS: _____
COUNTY: Hannett PROPERTY SIZE: .50AC PROPOSED FACILITY: Home
LOCATION OF SITE: Lot 2 Brookstone S/D
WATER SUPPLY: On-Site Well _____ Community _____ Public Other _____ EVALUATION BY: Auger Boring _____ Pit. _____ Cut _____

| FACTORS | | PROFILES | | | | | | | | | | | | | |
|---------------------------|-------------|----------|-------|------|-------|---|---|---|---|---|----|--|--|--|--|
| | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | | | | |
| LANDSCAPE POSITION | .1940 | L | L | L | | | | | | | | | | | |
| SLOPE (%) | .1940 | <15% | <15% | <15% | | | | | | | | | | | |
| HORIZON 1 DEPTH | | 0-48 | 0-36 | 0-36 | 0-36 | | | | | | | | | | |
| Texture Group | .1941(A)(1) | LS | LS | LS | LS | | | | | | | | | | |
| Consistence | .1941 | VFR | VFR | VFR | VFR | | | | | | | | | | |
| Structure | .1941(A)(2) | gr | gr | gr | gr | | | | | | | | | | |
| Mineralogy | .1941(A)(3) | | | | | | | | | | | | | | |
| HORIZON 2 DEPTH | | | 36-48 | | 36-48 | | | | | | | | | | |
| Texture Group | .1941(A)(1) | | SL | | SL | | | | | | | | | | |
| Consistence | .1941 | | VFR | | VFR | | | | | | | | | | |
| Structure | .1941(A)(2) | | gr | | gr | | | | | | | | | | |
| Mineralogy | .1941(A)(3) | | | | | | | | | | | | | | |
| HORIZON 3 DEPTH | | | | | | | | | | | | | | | |
| Texture Group | .1941(A)(1) | | | | | | | | | | | | | | |
| Consistence | .1941 | | | | | | | | | | | | | | |
| Structure | .1941(A)(2) | | | | | | | | | | | | | | |
| Mineralogy | .1941(A)(3) | | | | | | | | | | | | | | |
| HORIZON 4 DEPTH | | | | | | | | | | | | | | | |
| Texture Group | .1941(A)(1) | | | | | | | | | | | | | | |
| Consistence | .1941 | | | | | | | | | | | | | | |
| Structure | .1941(A)(2) | | | | | | | | | | | | | | |
| Mineralogy | .1941(A)(3) | | | | | | | | | | | | | | |
| SOIL WETNESS | .1942 | | | 40" | | | | | | | | | | | |
| RESTRICTIVE HORIZON | .1944 | | | | | | | | | | | | | | |
| SAPROLITE | .1943/1956 | | | | | | | | | | | | | | |
| CLASSIFICATION | .1948 | S | S | S | | | | | | | | | | | |
| LONG TERM ACCEPTANCE RATE | .1955 | .9 | .8 | .9 | .9 | | | | | | | | | | |

AVAILABLE SPACE (1945): ok SITE LONG TERM ACCEPTANCE RATE: .9
OTHER FACTORS (1946): _____ SYSTEM TYPE: CONU
SITE CLASSIFICATION (1948): _____

EVALUATED BY: JH Eudy OTHERS PRESENT: _____

COMMENTS:

LEGEND

LANDSCAPE POSITION - 1940

- 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
- A - Altered
- DW - Drainage Way
- D.S. - Debris Slump*

| GROUP | TEXTURE | LTAR |
|-------|---|-----------|
| I | s - sand ls - loamy sand | 1.2 - 0.8 |
| II | sl - sandy loam l - loam | 0.8 - 0.6 |
| III | st - silt sil - silt loam sicl - silty clay loam cl - clay loam scl - sandy clay loam | 0.6 - 0.3 |
| IV | sc - sandy clay sic - silty clay c - clay | 0.4 - 0.1 |

CONSISTENCE

| MOIST | WET |
|----------------------|-----------------------|
| vfr - very friable | Ws - Non-sticky |
| fr - friable | Ss - Slightly sticky |
| fi - firm | S - Sticky |
| vfi - very firm | Vs - Very sticky |
| efi - extremely firm | Np - Non-plastic |
| | Sp - Slightly plastic |
| | P - Plastic |
| | Vp - Very plastic |

STRUCTURE - 1942(A)(2)

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

MINERALOGY - 1941(A)(3)

5 Exp 1:1 Slightly Expansive
Exp } 2:1 mixed Expansive

SAPROLITE

- S - Suitable
- U - Unsuitable

CLASSIFICATION

- S - Suitable
- PS - Provisionally suitable
- U - Unsuitable

NOTES:

HORIZON DEPTH - in inches

DEPTH OF FILL - in inches from land surface

RESTRICTIVE HORIZON - thickness and inches from land surface

SOIL WETNESS - 1942 - in inches from land surface to free water, or

in inches from land surface to soil colors with chroma 2 or less - record Munsell color chip designation

LONG TERM ACCEPTANCE RATE - in gal./day/sq.ft.