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

OWNER: W. BREWSTER APPLICANT: _____

ADDRESS: _____ APPLICATION DATE: _____ DATE EVALUATED: _____

PROPOSED FACILITY: _____ PROPOSED DESIGN FLOW (.1949): _____ PROPERTY SIZE: _____

LOCATION OF SITE: MARTHAS VINEYARD LOT 40 PROPERTY RECORDED: _____

WATER SUPPLY: ☐ Private ☐ Public ☐ Well ☐ Spring ☐ Other _____

EVALUATION METHOD: ☐ Auger Boring ☐ Pit ☐ Cut

TYPE OF WASTEWATER: ☐ Sewage ☐ Industrial Process ☐ Mixed

| .1940 LAND-SCAPE POSITION/ SLOPE % | HORI-ZON DEPTH (IN.) | SOIL MORPHOLOGY (.1941) .1941 STRUCTURE/ TEXTURE | .1941 CONSISTENCE/ MINERALOGY | OTHER PROFILE FACTORS .1942 SOIL WETNESS/ COLOR | .1943 SOIL DEPTH | .1956 SAPRO CLASS | .1944 RESTR HORIZ | PROFILE CLASS & LTAR |
|---|---|---|---|---|---|---|---|---|
| | 0-8 | BSL SAND | FRI SS SP | | | | | |
| | 8-36 | RL SAND | FRI SS SP | | | | | PS .3 |
| | 36-45 | RL WSAND | FRI SS SP - few SAP | | | | | |
| | | | | | | | | |
| | | | | | | | | |
| | 0-12 | RL SAND | FRI SS SP | | | | | |
| | 12-44 | RL MSAND | FRI SS SP | | | | | PS .3 |
| | 44-54 | SIL SAND M | FRI SS SP | | | | | |
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use the following standard abbreviations.

| 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) |
| ainage Way) | | | | | EXP (Expansive) | CR (Crumb) |
| ebris Slump) | II | SL (Sandy Loam) | 0.8 - 0.6 | 0.4 - 0.3 | | GR (Granular) |
| ood Plain) | | L (Loam) | | | | SBK (Subangular Block |
| ot Slope) | | | | | | ABK (Angular Blocky) |
| id Slope) | III | SI (Silt) | 0.6 - 0.3 | 0.3 - 0.15 | | PL (Platy) |
| ear Slope) | | SICL (Silty Clay Loam) | | | | PR (Prismatic) |
| ie Slope) | | CL (Clay Loam) | | | | |
| ge) | | SCL (Sandy Clay Loam) | | | MOIST | WET |
| ulder Slope) | | SLC (Silt Loam Clay) | | | | |
| ace) | | | | | 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) |

| | |
|---|---|
| ON DEPTH | In inches below natural soil surface |
| OF FILL | In inches from land surface |
| CTIVE HORIZON | Thickness and depth from land surface |
| LITE | S(suitable) or U(unsuitable) |
| ETNESS | 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 |
| FICATION | S (Suitable), PS (Provisionally Suitable), or U (Unsuitable) |

ion 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).