

LOG OF TEST HOLE – PL – 46 USE

Landowner _____ **Address** _____

LOGGED BY _____ DATE _____

SITE SKETCH WITH TEST HOLES SHOWN

| HOLE NO. | SURFACE ELEVATION | STA. & LOCATION OF HOLES |
|----------|-------------------|--------------------------|
| | | |
| | | |
| | | |
| | | |

GUIDE TO LOGGING (Chap. 4, EFH)

Describe each horizon using:

- Major and minor component name with color.
- Percent of cobbles, gravel, sand, and fines.
- Compactness (soft, firm, stiff, hard, dense).
- Moisture (dry, moist, wet, very wet).

- Plasticity of fines (none, low, medium, high).
- Setting (alluvium, terrace, till, etc.).
- Determine classification symbol.

Unified Soil Classification System:

- Over 50% larger than #200 sieve
- GW – Gravel, well graded with all sizes
- GP – Gravel, one size or gap graded
- SW – Sand, well graded with all sizes
- SP – Sand, one size or gap graded
- GM – Gravel, silty
- GC – Gravel, clayey
- SM – Sand, silty
- SC – Sand, clayey

- Over 50% smaller than #200 sieve
- ML – Silt, clayey, or Silt, sandy
- CL – Clay, silty; Clay, Sandy; Clay, gravelly
- MH – Silt, high liquid limit
- CH – Clay, fatty (high liquid limit)

Example: Brown clay, silty. 15% well graded sand. Numerous gravel. Firm. Moist. Moderately plastic. Till. (CL)

