

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---------------------|-----------|------------------|--------------|-----------|
| 310 | 69-3(3HB) | MORGAN | 793 | 370 |
| STA. | | TO STA. | | |
| FED. ROAD DIST. NO. | ILLINOIS | FED. AID PROJECT | | |



Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 4/15/05

ROUTE FAP 310 DESCRIPTION US 67 Soil Survey LOGGED BY M. Tappan

SECTION 69-3 LOCATION . SEC. , TWP. , RNG. , PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

| STRUCT. NO. | Station | D E P T H | B L O W S | U C S | M O I S T | Surface Water Elev. | Stream Bed Elev. | D E P T H | B L O W S | U C S | M O I S T |
|---|------------|-----------------------|-----------------------|-------------|-----------------------|---|--------------------|-----------------------|-----------------------|-------------|-----------------------|
| BORING NO. | Station | H | S | Qu | T | Groundwater Elev.: | Groundwater Elev.: | H | S | Qu | T |
| | Offset | (ft) | /6" | (1st) | (%) | First Encounter | Upon Completion | (ft) | /6" | (1st) | (%) |
| N/A | 979+00 +/- | | | | | 620.2 ft | 620.2 ft | | | | |
| 50 | 979+37 | | | | | 612.5 ft | | | | | |
| | 95.0ft LI | | | | | 621.0 ft | | | | | |
| | 624.0 ft | | | | | 621.0 ft | | | | | |
| Brownish Gray Moist SILTY CLAY Ref Classification 47-1 | | | | | | Gray and Brown Moist CLAY (Till) (continued) | | | | | |
| | | 1 | | | | | | 0 | | | |
| | | 2 | 0.8 | | 22 | | | 1 | 0.7 | | 24 |
| | | 2 | B | | | | 601.50 | 2 | B | | |
| | | 1 | | | | | | | | | |
| | | 1 | 0.6 | | 21 | | | | | | |
| | | 2 | B | | | | | | | | |
| Brown and Gray | | | | | | | | | | | |
| | | 1 | | | | | | | | | |
| | | 1 | 1.0 | | 28 | | | | | | |
| | | 2 | B | | | | | | | | |
| Brown and Gray V. Moist SILTY CLAY | | | | | | | | | | | |
| | | 0 | | | | | | | | | |
| | | 1 | 0.5 | | 30 | | | | | | |
| | | 1 | B | | | | | | | | |
| Free Water | | | | | | | | | | | |
| | | 0 | | | | | | | | | |
| | | 0 | 0.3 | | 32 | | | | | | |
| | | 0 | B | | | | | | | | |
| | | 0 | | | | | | | | | |
| | | 0 | 0.2 | | 31 | | | | | | |
| | | 0 | B | | | | | | | | |
| Gray and Brown Moist CLAY (Till) | | | | | | | | | | | |
| | | 1 | | | | | | | | | |
| | | 2 | 1.5 | | 25 | | | | | | |
| | | 2 | B | | | | | | | | |
| | | 0 | | | | | | | | | |
| | | 2 | 1.0 | | 23 | | | | | | |
| | | 2 | B | | | | | | | | |

File Name: S:\SOILS\GINT FILES\MORGAN\US 67 PROPOSED\098-003-04 CHAMP-BETHEL SURVEY\DATA Template DREMLCAT Date Printed 3/7/11
Latitude 39 Deg 47.15' N Longitude 90 Deg 23.12' W Datum NAD83 Job Number

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Sealing
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)



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Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 4/11/05

ROUTE FAP 310 DESCRIPTION US 67 Soil Survey LOGGED BY M. Tappan

SECTION 69-3 LOCATION . SEC. , TWP. , RNG. , PM

COUNTY Morgan DRILLING METHOD HSA HAMMER TYPE 140 # Auto

| STRUCT. NO. | Station | D E P T H | B L O W S | U C S | M O I S T | Surface Water Elev. | Stream Bed Elev. | D E P T H | B L O W S | U C S | M O I S T |
|---|-----------|-----------------------|-----------------------|-------------|-----------------------|---|--------------------|-----------------------|-----------------------|-------------|-----------------------|
| BORING NO. | Station | H | S | Qu | T | Groundwater Elev.: | Groundwater Elev.: | H | S | Qu | T |
| | Offset | (ft) | /6" | (1st) | (%) | First Encounter | Upon Completion | (ft) | /6" | (1st) | (%) |
| N/A | 1019+28 | | | | | 628.2 ft | 628.2 ft | | | | |
| 61 | 1019+28 | | | | | 616.9 ft | | | | | |
| | 88.0ft LI | | | | | 622.4 ft | | | | | |
| | 628.4 ft | | | | | 624.4 ft | | | | | |
| V. Dk Gray to Brown and Gray Moist SILTY CLAY Ref Classification 65-1 | | | | | | Brown and Gray Moist SILTY CLAY Ref Classification 63-1 (continued) | | | | | |
| | | | | | | | | | | | |
| | | 1 | | | | | | 0 | | | |
| | | 2 | 1.0 | | 26 | | | 1 | 1.0 | | 28 |
| | | 2 | B | | | | 605.90 | 2 | B | | |
| Brown and Gray | | | | | | | | | | | |
| | | 1 | | | | | | | | | |
| | | 2 | 0.6 | | 27 | | | | | | |
| | | 2 | B | | | | | | | | |
| Tan and Lt Gray Moist SILT Ref Classification 65-2 | | | | | | | | | | | |
| | | 0 | | | | | | | | | |
| | | 1 | 0.8 | | 26 | | | | | | |
| | | 2 | B | | | | | | | | |
| Free Water | | | | | | | | | | | |
| | | 0 | | | | | | | | | |
| | | 1 | 0.6 | | 27 | | | | | | |
| | | 2 | B | | | | | | | | |
| | | 0 | | | | | | | | | |
| | | 1 | 0.5 | | 26 | | | | | | |
| | | 2 | B | | | | | | | | |
| Brown and Gray Moist SILTY CLAY Ref Classification 63-1 | | | | | | | | | | | |
| | | 0 | | | | | | | | | |
| | | 2 | 0.7 | | 28 | | | | | | |
| | | 2 | B | | | | | | | | |
| | | 0 | | | | | | | | | |
| | | 1 | 0.7 | | 28 | | | | | | |
| | | 2 | B | | | | | | | | |

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The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) BBS, from 137 (Rev. 8-99)

| REVISIONS | | ILLINOIS DEPARTMENT OF TRANSPORTATION |
|-----------|------|---|
| NAME | DATE | |
| | | CULVERT BORINGS FAP 310 (US 67/IL 104) SHEET 8 OF 9 |
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| | | |
| | | |
| DATE 3/11 | | DRAWN BY EBB CHECKED BY |