

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

| | | | | |
|---|------------|-----------|--------------|-----------|
| ROUTE NO. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
| F.A. 646 | (102) BR-3 | Whiteside | 57 | 36 |
| FED. ROAD DIST. NO. 7 ILLINOIS FED. AID PROJECT | | | | |

SHEET NO. 24
24 SHEETS
CONTRACT NO. 64426

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials
Hahnaman Township; NE 21; T19N, R7E
BM: CL Roadway @ center of bridge = 100.00
PROJECT P-92-059-99 BRIDGE IL 40 over Date 12/14/99 Sh. 1 of 2
Winnebago Ditch, 1.0 mile north of Deer Grove Bored By W. Garza
ROUTE FA 646
SEC. 102 BR-1 STA. 558 + 37.8 Checked By J. Twardowski

Units English
Project P-92-059-99
Route FA 646
Sec. 102 BR-1
County Whiteside

Sh. 2 of 2

| DEPTH | N | Qu t/sf | W % | Surf Wat El. 86.0 Grndwater El. at Compl Wash Streambed = 85.6 At 14day Hrs 86.8 | DEPTH | N | Qu t/sf | W % |
|--|---|---------|-----|---|-------|---|---------|-----|
| | | | | | | | | |
| Ground Surface 99.4 | | | | | | | | |
| 647.6 | | | | | | | | |
| MEDIUM brown CLAY TILL | | 1.0 | 12 | | | | | |
| LOOSE tan rust fine SAND | | | 6 | | | | | |
| MEDIUM dark brown LOAM with trace of COAL | | 0.7 | 26 | | | | | |
| MEDIUM gray SANDY CLAY | | 0.7 | 20 | | | | | |
| LOOSE rust fine SAND | | | | | | | | |
| LOOSE tan/gray/rust fine SAND | | | | | | | | |
| First Encounter LOOSE gray dirty fine SAND | | | | | | | | |
| LOOSE gray fine SAND | | | | | | | | |
| LOOSE Same as above | | | | | | | | |
| N-Std Pentr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer) | | | | | | | | |


| Boring No. B-2 Sta 557 + 55 O/S 12' Lt CL | El. | N | Qu t/sf | W % | El. | N | Qu t/sf | W % |
|---|-----|---|---------|-----|-----|---|---------|-----|
| wash | -45 | | | | -70 | | | |
| MEDIUM gray medium coarse SAND | | | 8 | | | | | |
| | | | 11 | | | | | |
| | | | 11 | | | | | |
| wash | -50 | | | | -75 | | | |
| MEDIUM gray medium coarse SAND | | | 9 | | | | | |
| | | | 10 | | | | | |
| | | | 11 | | | | | |
| wash | -55 | | | | -80 | | | |
| No Recovery | | | 9 | | | | | |
| | | | 11 | | | | | |
| | | | 10 | | | | | |
| wash | -60 | | | | -85 | | | |
| VERY DENSE gray fine SAND | | | 12 | | | | | |
| | | | 24 | | | | | |
| | | | 38 | | | | | |
| wash | -65 | | | | -90 | | | |
| MEDIUM gray fine SAND | | | 10 | | | | | |
| | | | 14 | | | | | |
| | | | 14 | | | | | |
| END OF BORING | | | | | | | | |

Sheet 1 of 2

Sheet 2 of 2

SOIL BORING B-2

SOIL BORING LOG
IL RTE 40 OVER WINNEBAGO DITCH
F.A.P. 646 SECTION (102)BR-3
WHITESIDE COUNTY
STATION 558+38
S.N. 098-0109

| | | |
|--------------|--|-------------|
| DESIGNED DDB |  RANDOLPH & ASSOCIATES, INC. CONSULTING ENGINEERS • LAND SURVEYORS | FILE NUMBER |
| CHECKED AMPH | | 136.110 |
| DRAWN JOB | | DATE |
| CHECKED DDB | | Aug. 2005 |

R:\Projects\0136\0136-110 Winn ph 11\br ldr p.lensef\24-soil bor log B2.dgn

3:44:40 PM 8/8/2005