



Illinois Department
of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 2

Date 3/22/04

ROUTE FAP 308 DESCRIPTION P92-076-03 Culvert on IL 84, 0.2 m. S. of 157th Ave. N. in Cordova LOGGED BY C. Jenkins
SECTION 109BR-3 & 110T LOCATION Cordova Twp. - SW. SEC. 31, TWP. 19N. RNG. 1E
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

| STRUCT. NO. Station | D E P T H | B L O W S | U C S Qu | M O I S T | Surface Water Elev. _____ ft Stream Bed Elev. _____ ft | D E P T H | B L O W S | U C S Qu | M O I S T | Groundwater Elev.: First Encounter _____ ft Upon Completion _____ ft After _____ Hrs. _____ ft |
|--|-----------------------|-----------------------|-------------------|-----------------------|---|-----------------------|-----------------------|-------------------|-----------------------|---|
| | | | | | | | | | | |
| 2569+55 | | | | | None | | | | | |
| B-2b 2569+60 | | | | | | | | | | |
| 13.00 ft LCL | | | | | | | | | | |
| 99.6 | | | | | | | | | | |
| MEDIUM brown SANDY LOAM | | | | 15 | VERY LOOSE tan very fine SAND | | 1 | | | |
| 97.60 | | | | | | | 0 | | | |
| | | | | | | | 1 | | | |
| SOFT brown SANDY LOAM | 4 | | | 17 | Same as above | | 1 | | | |
| 95.60 | 4 | | 0.4 | | | | 0 | | | |
| | 3 | | S | | | | 1 | | | |
| STIFF black SILTY LOAM with a SAND lens | 3 | | | 29 | Same as above | | 0 | | | |
| 93.16 | 2 | | 1.1 | | | | 1 | | | |
| | 2 | | P | | | | 2 | | | |
| Same as above | 2 | | | 32 | LOOSE tan fine SAND | | 1 | | | |
| 90.10 | 2 | | 1.2 | | | | 2 | | | |
| | 2 | | P | | | | 3 | | | |
| VERY LOOSE brown fine grained dirty SAND | 1 | | | | Begin Wash | | 0 | | | |
| 88.10 | 1 | | | | VERY LOOSE tan fine SAND | | 0 | | | |
| | 2 | | | | | | 1 | | | |
| LOOSE brown fine grained SAND | 1 | | | | Wash | | 1 | | | |
| 85.60 | 2 | | | | LOOSE tan fine grained SAND | | 2 | | | |
| | 4 | | | | | | 4 | | | |
| VERY LOOSE tan fine SAND | 1 | | | | Wash | | 2 | | | |
| 83.10 | 1 | | | | Same as above | | 4 | | | |
| | 1 | | | | | | 5 | | | |
| Same as above | 1 | | | | Wash | | 2 | | | |
| 80.60 | 1 | | | | Same as above | | 3 | | | |
| | 3 | | | | | | 6 | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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)

Note: In the above logs, groundwater elevations are at the time the boring was taken.



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|------------------------------|-----------------------|-----------------------|-------------------|-----------------------|---|-----------------------|-----------------------|-------------------|-----------------------|---|
| | | | | | | | | | | |
| 2569+66 | | | | | None | | | | | |
| B-2b 2569+60 | | | | | | | | | | |
| 13.00 ft LCL | | | | | | | | | | |
| 99.6 | | | | | | | | | | |
| Wash | | | | | | | 1 | | | |
| LOOSE tan fine grained SAND | | | | | | | 2 | | | |
| 55.10 | | | | | | | 6 | | | |
| Wash | | | | | | | 2 | | | |
| MEDIUM tan fine grained SAND | | | | | | | 6 | | | |
| 55.60 | | | | | | | 7 | | | |
| End of Boring | | | | | | | | | | |

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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)

Soil Boring Log Station and Elevation Shift
Boring Log Station + 157,515.20' = Plan Set Station
Boring Log Elevation + 484.54' = Plan Set Elevation

FILE NAME = s:\p1\6208--6395\6346\025\micro\road\shasta\structural\0378174-64925-006-SBL.dgn

SA
STRAND
ASSOCIATES
1170 SOUTH HOBOLT ROAD,
JOLIET, ILLINOIS 60431
(815) 744-4200
IDPPR NO: 184-001273

USER NAME = brianf
DESIGNED RRD
CHECKED AJS
DRAWN BJF
CHECKED RRD
PLOT SCALE =
PLOT DATE = 10/1/2012

REVISED -
REVISED -
REVISED -
REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG (2 OF 2)
STRUCTURE NO. 081-2038

SHEET NO. 7 OF 7 SHEETS

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|--------------------|---------|-------------|---------------------------|-----------|
| 308 | 110T | ROCK ISLAND | 51 | 34 |
| CONTRACT NO. 64925 | | | ILLINOIS FED. AID PROJECT | |