

# BORING LOGS

**Illinois Department of Transportation**  
Division of Highways  
Illinois Department of Transportation/D-2

**SOIL BORING LOG**

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Date 7/12/06

ROUTE FAP 505 DESCRIPTION D92-019-07 Box culvert on IL 75, .1 m. E. of Owen Center Road LOGGED BY W. Garza

SECTION \_\_\_\_\_ LOCATION Rockton Twp. - 27SW, SEC., TWP. 46N, RNG. 1E

COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 101-1034  
Station \_\_\_\_\_

BORING NO. B-1  
Station 26' W.  
Offset 14.00R S CL  
Ground Surface Elev. 99.00 ft

Soil Description	Elev. (ft)	D (ft)	B (ft)	U (tsf)	M (%)	Soil Description	Elev. (ft)	D (ft)	B (ft)	U (tsf)	M (%)
MEDIUM brown LOAM	97.00			0.5	10.0	VERY DENSE tan clean medium SAND (continued)	78.00			1007*	
MEDIUM brown SILTY CLAY LOAM	95.50	3	2	0.9	16.0						
MEDIUM brown LOAM	92.50	2	1	0.6	28.0						
MEDIUM tan SAND & GRAVEL	90.50	12	13								
DENSE tan SAND & GRAVEL, moist	87.50	22	21								
VERY STIFF tan SILTY LOAM with GRAVEL	85.00	9	11	2.1	14.0						
MEDIUM tan dirty SAND & GRAVEL	83.00	10	11								
Wash MEDIUM tan fine SAND with bottom 4" well cemented	80.50	9	12								

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)

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COUNTY Winnebago DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. 101-1034  
Station \_\_\_\_\_

BORING NO. B-2  
Station 18' E.  
Offset 14.00R N CL  
Ground Surface Elev. 99.20 ft

Soil Description	Elev. (ft)	D (ft)	B (ft)	U (tsf)	M (%)	Soil Description	Elev. (ft)	D (ft)	B (ft)	U (tsf)	M (%)
MEDIUM brown LOAM	97.20			0.5	15.0	MEDIUM light brown fine SAND (continued)	78.20				
MEDIUM light brown SANDY LOAM	95.70	3	4	0.9	9.0	Wash VERY DENSE tan fine SAND	75.70				
STIFF brown SILTY CLAY LOAM	92.70	1	3	1.3	28.0	VERY DENSE tan well-cemented fine SAND	73.20			1009*	
MEDIUM tan clean SAND & GRAVEL, moist	90.70	4	6								
MEDIUM tan SAND & GRAVEL, moist	88.20	5	7								
MEDIUM tan clean medium SAND	85.70	4	7								
LOOSE/MEDIUM tan fine SAND	83.20	3	5								
MEDIUM tan fine SAND with SILT lens	80.70	8	7								
MEDIUM light brown fine SAND		3									

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BBS, from 137 (Rev. 8-99)