

**BORING LOG SB-01** Page 1 of 1

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1145 N Main Street  
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WEI Job No.: 255-25-01

Client: **ENTRAN**

Project: **IL 176 over Drainage Ditch**

Location: **NW1/4 Sec. 36, T44N, R5E - 3rd PM**

Datum: NGVD  
Elevation: 807.00 ft  
North: ft  
East: ft  
Station: 89+30  
Offset: 16.0 RT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
	808.1	11-inch thick ASPHALT --SHOULDER PAVEMENT-- Loose, black and dark brown SANDY LOAM, trace GRAVEL	1	4 4 5	NP	17			781.5	Medium dense, brown GRAVELLY SAND	11	4 4 7	NP	9	
		-%Gravel=7.3- -%Sand=63.0- -%Silt=22.1- -%Clay=7.6- -A-2-4(0)-	2	1 2 2	NP	12			779.0	Medium dense, brown, fine to medium SAND, trace GRAVEL	12	3 7 14	NP	14	
	801.5	Medium dense, brown SANDY LOAM	3	4 5 6	NP	16			777.6	Boring terminated at 30.00 ft	30				
	799.0	Very loose to loose, brown to gray, medium to coarse SAND, trace GRAVEL	4	1 0 1	NP	17									
		-%Gravel=4.9- 10 -%Sand=87.1- -%Silt=7.6- -%Clay=0.3- -A-3(0)-	5	2 3 3	NP	19									
			6	1 1 3	NP	16									
			7	3 2 2	NP	13									
	789.0	Loose, brown, fine SAND	8	3 5 3	NP	24									
	786.5	Loose, brown, medium to coarse SAND, trace GRAVEL	9	2 2 6	NP	11									
			10	2 2 4	NP	14									

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-03-2010	Complete Drilling	12-03-2010	While Drilling	▽	6.00 ft	
Drilling Contractor	WTS	Drill Rig	Mobile B-57 TMR	At Completion of Drilling	▽	4.00 ft	
Driller	R&J	Logger	N. Boddy	Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25 IDA HSA; Boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

**BORING LOG SB-02** Page 1 of 1

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Telephone: 630 953-9928  
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WEI Job No.: 255-25-01

Client: **ENTRAN**

Project: **IL 176 over Drainage Ditch**

Location: **NW1/4 Sec. 36, T44N, R5E - 3rd PM**

Datum: NGVD  
Elevation: 810.00 ft  
North: ft  
East: ft  
Station: 89+37  
Offset: 36.0 LT

Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)	Profile	Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/in)	Cu (tsf)	Moisture Content (%)
	807.3	33-inch thick, black LOAM --TOPSOIL-- Loose, dark brown SANDY LOAM	1	5 5 6	NP	19			782.0	Medium dense to dense, brown and gray GRAVELLY SAND	11	4 9 14	NP	14	
			2	4 3 2	NP	11			780.0	Boring terminated at 30.00 ft	30				
	804.5	Very loose to loose, brown and gray, fine to coarse SAND	3	1 1 1	NP	23									
			4	1 1 1	NP	23									
			5	1 2 2	NP	15									
			6	2 2 2	NP	11									
			7	1 0 1	NP	23									
			8	2 1 3	NP	18									
			9	2 3 5	NP	13									
	787.0	Medium dense, brown and gray, fine to coarse SAND	10	5 7 8	NP	15									

GENERAL NOTES				WATER LEVEL DATA			
Begin Drilling	12-03-2010	Complete Drilling	12-03-2010	While Drilling	▽	5.00 ft	
Drilling Contractor	WTS	Drill Rig	Mobile B-57 TMR	At Completion of Drilling	▽	4.50 ft	
Driller	R&J	Logger	N. Boddy	Checked by	C. Marin	Time After Drilling	NA
Drilling Method	3.25 IDA HSA; Boring backfilled upon completion			Depth to Water	▽	NA	
The stratification lines represent the approximate boundary between soil types; the actual transition may be gradual.							

FILE NAME = G:\project\2102155\_002\CA00\Structure\Sheet\0568301\_60M54-003-Boring\_Logs.dgn



USER NAME = zpehid  
PLOT SCALE = N/A  
PLOT DATE = 9/7/2011

DESIGNED - BPS	REVISED -
CHECKED - BHS	REVISED -
DRAWN - BPS	REVISED -
CHECKED - BHS	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS  
S.N. 056-0301**

SHEET NO. 58 OF 9 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
533	119-T-1	McHENRY	40	23
IL ROUTE 176		CONTRACT NO. 60M54		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		