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BORING LOG BC-1A

WEI Job No.: 722-23-01

Client: MACTEC Engineering and Consulting, Inc.
Project: FAP 330, IL 21 (Milwaukee Avenue)
Location: Section 128 R-3, Lake County, Illinois

Datum: NAV88
Elevation: 664.69 ft
North: 2062208.41 ft
East: 1086304.71 ft
Station: 188+13
Offset: 9.0 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
663.9	9-inch thick ASPHALT --PAVEMENT--												
663.1	10-inch thick CONCRETE --PAVEMENT--												
661.7	Very stiff, brown SILTY CLAY, some gravel --FILL--		1	10	2.25	10				9	5	NP	
660.7	Brown SANDY LOAM, some gravel --FILL--		2	35	NP	10				10	15	NP	
657.7	Medium stiff, black CLAY --FILL--		3	2	0.90	46							
657.7	Medium dense, gray SANDY LOAM, trace to little gravel		3	3	B								
			4	3	NP	25							
			5	11	NP	18							
			6	8	NP								
			7	6	NP	9							
646.7	Medium dense, gray SANDY GRAVEL		8	4	NP								

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling 04-10-2001	Complete Drilling 04-10-2001	While Drilling	11.00 ft
Drilling Contractor Rock and Soil Drilling Drill Rig D-120		At Completion of Drilling	8.00 ft
Driller Dave	Logger T. Chen	Time After Drilling	24 hours
Checked by P. Wang		Depth to Water	NA
Drilling Method 2.75" ID HSA; backfilled w/ bentonite chip and conc at top.			



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BORING LOG BC-1B

WEI Job No.: 722-23-01

Client: MACTEC Engineering and Consulting, Inc.
Project: FAP 330, IL 21 (Milwaukee Avenue)
Location: Section 128 R-3, Lake County, Illinois

Datum: NAV88
Elevation: 658.03 ft
North: 2062157.38 ft
East: 1086333.32 ft
Station: 188+60
Offset: 55 LT

Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)	Profile Elevation (ft)	SOIL AND ROCK DESCRIPTION	Depth (ft)	Sample No.	SPT Values (blows/6 in)	Qu (tsf)	Moisture Content (%)
	Stiff, black SILTY CLAY LOAM --FILL--		1	2	1.00	44				9	29	NP	16
			2	3						10	29	3.40	21
654.0	Soft to medium stiff, brown and gray CLAY		2	3	0.62	34							
			3	2	0.41	26							
			4	3	NP	18							
			5	12	NP	14							
			6	3	NP	20							
			7	19	NP	15							
			8	11	NP								
			11	17	NP	17							
			12	19	NP								
			13	17	NP								
			14	17	NP								
			15	17	NP								

GENERAL NOTES		WATER LEVEL DATA	
Begin Drilling 04-17-2001	Complete Drilling 04-17-2001	While Drilling	13.00 ft
Drilling Contractor Rock and Soil Drilling Drill Rig Acker 82		At Completion of Drilling	5.00 ft
Driller Dave	Logger T. Chen	Time After Drilling	24 hours
Checked by P. Wang		Depth to Water	NA
Drilling Method 4.25" ID HSA; backfilled w/ bentonite chip.			

SOIL BORING LOGS-I
STRUCTURE NO. 049-0239
OUTLET NO. 14



FILE NAME = 0168953-04-soil_boring_logs-1.dgn	USER NAME =	DESIGNED - J.C.N./B.N.S.	REVISED -
		CHECKED - B.N.S.	REVISED -
		DRAWN - F.M.	REVISED -
		CHECKED - B.N.S./J.C.N.	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS-I
STRUCTURE NO. 049-0239
SHEET NO. SCI-4 OF SCI-5 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
330	128R-3	LAKE	518	355
CONTRACT NO. 60953				
ILLINOIS FED. AID PROJECT				