

BRIDGE FOUNDATION SOIL BORING LOG
midwest engineering services, inc.

Route: FAP 866 Boring: N-2
 Section: 4N-1 Page: 1 of 2
 County: Lake Date of Boring: September 23, 2003
 Structure No. 1+126 Drilled By: Waukesha
 Station: 18.6 m North Checked By: MB
 Offset: 18.6 m North MES Project No: 18-33011

Ground Water Elevation: when drilling: 3 Ft. at completion: Dry	D E P T H H S	B L O W S	Q _u (tsf)	MC (%)	Soil Description	D E P T H H S	B L O W S	Q _u (tsf)	MC (%)
Ground Surface Elevation: 788.3 Ft.	(ft.)	(6")	(tsf)	(%)		(ft.)	(6")	(tsf)	(%)
					1" Asphalt				
					Crushed Stone with SAND, Fill				
					Gray Silty CLAY, little Sand and Gravel				
					3" Silt Seam at 35.5 ft.				
					Gray SILT				
					Gray Silty CLAY, little Sand and Gravel				
					No Recovery @ 50-51.5'				

N - Standard Penetration Test (SPT) = Sum of last two blow values in sample. Type Failure: B-Bulge
 MC - Moisture Content - Percent of dry weight. Cur test: S-Shear
 Q_u - Unconfined Compressive Strength - tons per square foot (tsf). P-Penetrometer

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(ft.)	(6")	(tsf)	(%)		(ft.)	(6")	(tsf)	(%)
				Gray Silty CLAY, little Sand and Gravel				
				END OF BORING AT 56.5 FEET				
				NOTES: 1. Auger Sample collected at 1 to 2.5 ft. 2. Shelby Tube samples collected at 12.5 to 14 ft., 15-16.5 ft. and 17.5 to 19 ft.				

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REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
 BORINGS - 6
 IL RTE. 132 LAND BRIDGE
 FAP RTE 866 - SEC 4N-1
 LAKE COUNTY
 STA. 1+143.3
 SN 049-D002 DRAWN BY: BLB
 DATE: 11-06-09 CHECKED BY: WJV