



Illinois Department
of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 6/30/09

ROUTE FAP 662 DESCRIPTION Veterans Pkwy/Monroe St. Intersection Southwest Mast Arm Foundation LOGGED BY M. Tappan

SECTION (2-1-2,2-2)RS, TS-6 LOCATION SW 14, SEC. 36, TWP. 16 N, RNG. 6 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 lb Auto

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D (ft)	B (ft)	U (tsf)	M (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	D (ft)	B (ft)	U (tsf)	M (%)			
NA	NA	SW-MA	48+40	84.0ft RT	606.8					NA	NA	No Encounter	Plugged	Plugged									
Moist SILTY CLAY							1			Grey and Brown Moist SILTY CLAY (Till) (continued)							7						
Brown and Black (Disturbed)							4	2.6	19								27	9.1	11				
							5	S-10									43	S-10					
										Moist CLAY LOAM (Till)													
Brown and Grey							2			Light Brown and Grey							5						
							3	1.8	30								18	8.2	10				
							4	B									37	S-10					
							-5										-25						
Brown and Light Grey Very Moist							1																
							1	0.1	33														
							1	B															
Tan and Light Grey Very Moist SILT						599.30				Grey							5						
							1	0.2	28								18	10.7	10				
							1	B									20	S-14					
							-10										-30						
Brown and Grey Moist SILTY CLAY						595.80				Grey Moist SILTY CLAY (Till)													
							1	0.6	35														
							2	B									574.80						
							1																
							2	2.1	25								2						
							4	B									4	3.3	21				
							7	B									7	B					
Grey and Brown Moist SILTY CLAY (Till)						591.80	-15			Boring Completed													
							1										-35						
							2	1.5	25														
							4	B															
							1																
							2	1.2	23														
							3	B															
							-20										-40						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
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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SOIL BORING LOG

Page 1 of 1

Date 6/26/09

ROUTE FAP 662 DESCRIPTION Veterans Pkwy/Monroe St. Intersection Northwest Mast Arm Foundation LOGGED BY M. Tappan

SECTION (2-1-2,2-2)RS, TS-6 LOCATION SW 14, SEC. 36, TWP. 16 N, RNG. 6 W, 3 PM

COUNTY Sangamon DRILLING METHOD HSA HAMMER TYPE 140 lb Auto

STRUCT. NO.	Station	BORING NO.	Station	Offset	Ground Surface Elev.	D (ft)	B (ft)	U (tsf)	M (%)	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After	Hrs.	D (ft)	B (ft)	U (tsf)	M (%)			
NA	NA	NW-MA	48+92	82.0ft LT	606.3					NA	NA	No Encounter	Plugged	Plugged									
Moist SILTY CLAY										Moist CLAY LOAM (Till)							585.80						
Brown and Dark Grey (Disturbed)							1			Grey and Brown													
							2	1.1	27								5						
							4	B									20	8.4	11				
																	33	S-11					
Brown and Grey							1			Grey													
							2	0.8	31								3						
							2	B									7	3.7	17				
							-5										-25						
Tan and Light Grey SILT LOAM						600.80																	
							1																
Very Moist							1	0.5	26														
							2	B															
							1																
Moist							1	0.5	25	Grey							4						
							1	0.5	25								12	9.4	10				
							2	B									13	S-13					
							-10										-30						
Grey and Brown Moist SILTY CLAY Free Water						596.30				Grey Moist SILTY CLAY (Till)													
							0																
							1	0.4	23														
							1	B															
							2																
							2																
							1	0.9	23														
							1	0.9	23														
							2	B															
							-15										-35						
Grey and Brown Moist SILTY CLAY (Till)						590.80				Boring Completed													
							2																
							5	1.6	22														
							4	B															
							1																
							2	0.7	20														
							2	B															
							-20										-40						

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
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JOB = 2200.4	DESIGNED -	REVISED -
FILE NAME = d672B99-sh-t-brgs.dgn	DRAWN -	REVISED -
PLOT SCALE = 38.4801 m / IN.	CHECKED -	REVISED -
PLOT DATE = Oct-29-2009 12:06:46PM	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORINGS			
SCALE:	SHEET NO.	OF SHEETS	STA. TO STA.

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
662	(2-1-2, 2-2) RS, TS-6	SANGAMON	244	188A
CONTRACT NO. 72B99				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				