



SOIL BORING LOG

PAGE 1 of 1
 DATE 10/6/2010
 LOGGED BY RJ
 GSI JOB No. 09172

ROUTE FAP 349 (US 30) DESCRIPTION US 30 from west of IL 31 to east of Burlington Northern Railroad
 SECTION (10 & 11 VB) R-3 LOCATION Section 32, T. 38 N., R. 8 E., Aurora Township, 3rd P.M.
 COUNTY Kane DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. -
 Station -
 BORING NO. CB-09
 Station: 1253+11
 Offset: 54.5' Left
 Ground Surface Elev. 648.0

DEPTH H S	BLOW S	UCS Qu	MOIST T	Surface Water Elev. <u>n/a</u>				DEPTH H S	BLOW S	UCS Qu	MOIST T
				Stream Bed Elev. <u>n/a</u>							
Groundwater Elevation:				First Encounter <u>643.0</u>				Upon Completion <u>n/a</u>			
After _____ Hrs. _____				After _____ Hrs. _____				After _____ Hrs. _____			
(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)	(ft)	(/6")	(tsf)	(%)
Sandy TOPSOIL-black 647.5											
	AS	-	15	SAND & GRAVEL-gray-dense (A-1)							
	4								10		
	6								16		
	4	NP	5						19	NP	8
645.0				625.0							
	3								7		137
	6								11		
	5	NP	15						25	15	2.8B
	6			LOAM-gray-medium dense to dense (A-4)							
	4								8		
	5								15		
	6	NP	14						18	NP	9
620.0				620.0							
	3			SAND & GRAVEL-brown-loose to medium dense (A-1)							
	6								8		
	8	NP	14						12		
	8			FRACTURED ROCK-gray-dense (A-1)							
	10								20	NP	9
618.0				618.0							
	3			End Of Boring @ -30.0'							
	4			Hollow Stem Augers							
	4	NP	14	CME Automatic Hammer							
	3										
	4										
	5	NP	16						35		
630.0				630.0							
	9										
	12										
	16	NP	8								
630.0				630.0							
	8			SAND & GRAVEL-gray-dense (A-1)							
	13										
	17	NP	8								
	17								40		

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer) ST-Shelby Tube Sample VS=Vane Shear Test
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206) The Unit Dry Weight (pcf) is noted in italics above moist (%)
 NR-No Recovery

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 6/14/2012 6:09:45 PM



USER NAME =	DESIGNED - J.J.G. 6/15/2012	REVISED -
	CHECKED - J.A.Z. 6/15/2012	REVISED -
PLOT SCALE =	DRAWN - D.L.G. 6/15/2012	REVISED -
PLOT DATE =	CHECKED - E.E.J. 6/15/2012	REVISED -

STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS CB-09
 STRUCTURE NUMBER 045-W014

SHEET NO. SA11 OF 11 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
349	(10 & 11VB) R-3	KANE	507	348
STA. 1252+00.00			CONTRACT NO. 60133	

ILLINOIS FED. AID PROJECT