


3/22/17 PM 1:22:28 North Gap\cad\sheet\6-Detail\2278NC-WALL_Boring_Logs.dgn

MSET PROJECT NO.: 12518		LOG OF BORING NO. SB-1		Page 1 of 1					
PROJECT: IL Route 31 Retaining Wall		SITE LOCATION: Crystal Lake, IL							
BORING LOCATION: STA. 283+15, 45' R of CL		CLIENT: Civiltech Engineering, Inc.							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS			REMARKS
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	
0		Dark Brown Silty CLAY TOPSOIL (13")							
4	SS	Brown Sandy LOAM, A-4, occasional cobbles, dense to medium dense	1	35	10	--	--		
			2	35	8	--	--		
			3	70/7"	8	--	--		
			4	25	9	--	--		
8	SS	moist	5	29	6	--	--		
			6	22	9	--	--		
12	SS		7	37	4	--	--		
			8	32	3	--	--		
16		Brown SAND (f-c) and GRAVEL, A-1, dense							
20		End of Boring at 20'							

WATER LEVEL OBSERVATIONS, ft.
 DURING DRILLING: none
 IMMEDIATELY AFTER DRILLING: dry
 DELAYED READING AFTER:




BORING STARTED: 11/27/12
 BORING COMPLETED: 11/27/12
 LOGGED BY: SPE
 BORING METHOD: CFA

Midland Standard Engineering & Testing, Inc. 558 Plate Drive Unit 6, East Dundee, IL 60118 (847) 844-1895 (847) 844-3875

MSET PROJECT NO.: 12518		LOG OF BORING NO. SB-2		Page 1 of 1					
PROJECT: IL Route 31 Retaining Wall		SITE LOCATION: Crystal Lake, IL							
BORING LOCATION: STA. 284+15, 45' R of CL		CLIENT: Civiltech Engineering, Inc.							
DEPTH (feet)	SOIL TYPE	Material Description	Elevation	SAMPLE		TESTS			REMARKS
				TYPE/INTERVAL	NO.	N-VALUE Blows per ft.	Wc%	Dry Unit Weight, pcf	
0		Black Silty CLAY TOPSOIL (12")							
4	SS	Brown Sandy LOAM and GRAVEL, A-4, medium dense	1	29	2	--	--		
			2	28	14	--	--		
8	SS	Brown Silt LOAM to SILT, A-4, medium dense to dense	3	37	22	98	--		
			4	70	7	--	--		
12	SS	Brown Gravelly LOAM, A-2-4 to A-4, very dense	5	38	10	--	--		
			6	44	9	--	--		
16	SS	Brown Sandy LOAM to LOAM, A-4, dense	7	47	10	--	--		
			8	50/5"	2	--	--		
20		End of Boring at 20'							

WATER LEVEL OBSERVATIONS, ft.
 DURING DRILLING: none
 IMMEDIATELY AFTER DRILLING: dry
 DELAYED READING AFTER:



BORING STARTED: 11/27/12
 BORING COMPLETED: 11/27/12
 LOGGED BY: SPE
 BORING METHOD: CFA

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 450 E Devon Ave, Suite 300
 Itasca, Illinois 60143
 Tel: 630.773.3900 Fax: 630.773.3975
 www.civiltechinc.com

DRAWN - K. BOCHNOWSKI	REVISED -
DESIGNED - M. LANGE	REVISED -
CHECKED - G. HATLESTAD	REVISED -
DATE - 06/24/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

BORING LOGS

SHEET NO. W2 OF W2 SHEETS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
3887	18W&RS-5 (12)	MCHENRY	151	103
CONTRACT NO. 60V72				

ILLINOIS FED. AID PROJECT