



SOIL BORING LOG

PAGE 1 of 1
 DATE 7/29/2011
 LOGGED BY MD
 GSI JOB No. 11092

ROUTE FAP RTE 307 DESCRIPTION II Rte 64 & II Rte 47 Intersection Improvements, Contract No. 62278
 SECTION 126N-1 LOCATION Section 18, T 40 N, R 7 E, 3rd PM, Campton Township
 COUNTY Kane DRILLING METHOD Hollow Stem Auger-Rotary HAMMER TYPE CME Automatic

STRUCT. NO. ---
 Station ---
 BORING NO. **RW-01**
 Station 49+98
 Offset 9.0' Left
 Ground Surface Elev. 881.7

DEPTH (ft)	BLOW COUNT (blows/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows/6")	UCS (tsf)	MOISTURE (%)
0				6.0" ASPHALT	881.2			
3				PEAT-dark brown & gray (A-8)	861.2			
3				SILTY CLAY LOAM-gray-medium stiff (A-4/A-6) Wet		1		94
3	3.0P	16			858.7	1	0.6B	29
1				GRAVEL-brown & gray-medium dense (A-1-a)		5		
1						10		
2	1.75P	22			876.7	7	NP	7
1				TOPSOIL-black		9		
2	0.5B	26			853.7	9	NP	3
1				SAND & GRAVEL-brown & gray-medium dense (A-1)		20		
1						10		
2					871.2	8		NR
3	0.25P	36		SILTY LOAM-dark brown-loose (A-4) Wet				
1						0		
1				Organic SILTY LOAM-dark gray-very loose (A-7) Wet		12		
1	0.4B	33			846.7	7	NP	9
0				End Of Boring @ -35.0' Hollow Stem Augers to -10.0' Rotary Drilling To Completion CME Automatic Hammer 10.0' Of 4.0" Casing Used				
1						1		
1	0.4B	42			863.7			
0				PEAT-dark brown & gray (A-8)				
0								
1	0.25F	61			663.7			

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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 COUNTY Kane DRILLING METHOD Hollow Stem Auger-Rotary HAMMER TYPE CME Automatic

STRUCT. NO. ---
 Station ---
 BORING NO. **RW-02**
 Station 50+65
 Offset 15.0' Left
 Ground Surface Elev. 880.5

DEPTH (ft)	BLOW COUNT (blows/6")	UCS (tsf)	MOISTURE (%)	DESCRIPTION	DEPTH (ft)	BLOW COUNT (blows/6")	UCS (tsf)	MOISTURE (%)
0				8.0" ASPHALT, 4.0" CRUSHED STONE	879.5			
3				SAND-brown-medium dense (A-3)	860.0			
4						12		
5				CLAY LOAM-dark brown & black-loose (A-6) Fill		12		
						11	NP	9
5						15		
4						12		
3	1.25P	18		SAND & GRAVEL-brown & gray-medium dense to dense (A-1)		25	9	NP
						18		
0				TOPSOIL-black		11		
1						11	NP	12
2	0.4B	40		SILTY CLAY LOAM-gray-medium stiff (A-4/A-6) Wet				
1						26		
1						24		
2	0.75B	30		Organic SILTY LOAM-dark brown & gray-very loose (A-7) Wet		30	18	NP
0						14		
1						16		
2	0.4B	41		SAND & GRAVEL-brown & gray-medium dense (A-1)				
0						16		
1						16		
1	0.25F	53		End Of Boring @ -35.0' Hollow Stem Augers to -10.0' Rotary Drilling To Completion CME Automatic Hammer 10.0' Of 4.0" Casing Used				
						16	NP	12
6								
10								
11	NP	10						
12				SAND-brown-medium dense (A-3)				
8								
12								
8								
12	NP	18						

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 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