F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/876	2002-113R	WILL	242	141
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 6 of 10

Illinois Department of Transportation
Division of Highways
Illinois Dept of Transportation

SOIL BORING LOG

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Date 3/1/03

ROUTE FAP 332, ILL. RTE. 394 DESCRIPTION Noise Wall, IL 394 & Village Woods Drive LOGGED BY J. Stewart

SECTION 2002-113R LOCATION SEC. 33, TWP. 34, RNG. 14, 3rd PM

COUNTY Will DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME AUTOMATIC

STRUCT. NO.
Station

BORING NO. B-5
Station 61+140
Offset 23.00m Rt CL
Ground Surface Elev. 224.48 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion 218.5 m ▽
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Topsoil	224.17				
Brown SILTY CLAY (sample taken from auger)	223.87				22
Stiff Mottled Black-Brown-Gray SILTY CLAY wtrace pebbles			3		
			3	163	28
			3	S@ 15%	
		-1.5			
			2		
			3	144	22
			3	B	
			4		
Grades to Very Stiff			4	326	18
			6	B	
		-3.0			
Grades to Brown			4		
			7	431	16
			9	B	
			5		
			5	326	14
			7	B	
		-4.5			
Grades to Brown and Gray			3		
			6	307	15
			6	B	
	219.30				
Very Stiff Gray SILTY CLAY			3		
			5	297	16
			7	B	
		▽ -6.0			
Very Stiff Gray SILTY CLAY (continued)			3		
			5	240	14
			6	B	
	217.93				
End of Boring					
		-7.5			
		-9.0			
		-10.5			
		-12.0			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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)

Illinois Department of Transportation
Division of Highways
Illinois Dept of Transportation

SOIL BORING LOG

Page 1 of 1

Date 3/1/03

ROUTE FAP 332, ILL. RTE. 394 DESCRIPTION Noise Wall, IL 394 & Village Woods Drive LOGGED BY J. Stewart

SECTION 2002-113R LOCATION SEC. 33, TWP. 34, RNG. 14, 3rd PM

COUNTY Will DRILLING METHOD CME 750, 3.25" ID HSA HAMMER TYPE CME AUTOMATIC

STRUCT. NO.
Station

BORING NO. B-6
Station 61+177
Offset 25.00m Rt CL
Ground Surface Elev. 225.21 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion 219.9 m ▽
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Topsoil	224.90				
Brown SILTY CLAY (Sample taken from auger)	224.60				23
Hard Mottled Brown-Gray SILTY CLAY wtrace pebbles			9		
			10	431	15
			14	P	
		-1.5			
			6		
			9	661	16
			10	S @ 15%	
	223.07				
Hard Brown SILTY CLAY			6		
			8	738	17
			10	B	
		-3.0			
			4		
			7	575	17
			9	B	
			4		
			5	460	18
			7	B	
		-4.5			
			3		
Grades to Brown and Gray, Very Stiff			4	240	16
			5	S @ 15%	
	220.03				
Very Stiff Gray SILTY CLAY		▽	2		
			4	220	18
			5	B	
		-6.0			
Very Stiff Gray SILTY CLAY (continued)			2		
			4	345	19
			5	B	
	218.65				
End of Boring					
		-7.5			
		-9.0			
		-10.5			
		-12.0			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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)

rjngroup
Excellence through Ownership
200 West Front Street
Wheaton, IL 60187

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

IL RTE. 394 AT IL RTE. 1
NOISE ABATEMENT WALL
SOIL BORINGS

DRAWN BY JTT
DATE 8/20/2009 CHECKED BY BLB