F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/876	2002-113R	WILL	242	139
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 4 of 10

Illinois Department of Transportation
Division of Highways
Illinois Dept of Transportation

SOIL BORING LOG

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Date 3/03

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-1
Station 60+992
Offset 23.00m Rt CL
Ground Surface Elev. 223.52 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion DRY m
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Topsoil	223.21				
Very Stiff to Hard Brown SILTY CLAY					19
Grades w/trace Gray & trace pebbles			6		
			7	383	17
			8	S @ 15%	
		-1.5			
			5		
			7	402	18
			9	B	
Grades w/more SILT			6		
			8	393	17
			10	S @ 15%	
		-3.0			
			5		
Grades w/some Fine Red SAND			8	460	16
			10	S@ 15%	
	219.86				
Very Stiff Gray SILTY CLAY w/pebbles			4		
			5	278	16
			6	B	
		-4.5			
			3		
			5	268	16
			6	B	
			3		
			4	268	17
			7	B	
		-6.0			

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Very Stiff Gray SILTY CLAY w/pebbles (continued)			4		
			4	249	16
			7	B	
			3		
			5	364	17
			8	B	
	216.20				
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

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Date 3/03

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-2
Station 61+032
Offset 22.00m Rt CL
Ground Surface Elev. 224.24 m

Surface Water Elev. m
Stream Bed Elev. m

Groundwater Elev.:
First Encounter m
Upon Completion DRY m
After Hrs. m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Topsoil	223.93				
Hard Brown SILTY CLAY					20
Grades w/trace Red sand & pebbles			4		
			6	412	18
			7	S@ 15%	
		-1.5			
			4		
			6	412	18
			7	B	
			4		
			7	469	17
			8	B	
		-3.0			
			4		
Grades to Brown-Gray			6	402	17
			9	B	
			4		
	220.28				
Very Stiff Gray SILTY CLAY w/pebbles			5	326	16
			8	B	
		-4.5			
			3		
50mm Fine Gray SAND Seam @ 4.9m			5	374	16
			7	B	
			4		
			5	316	15
			10	B	
	218.24	-6.0			

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
			3		
Grades w/more pebbles and Fine sand			5	268	14
			8	B	
	217.69				
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

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