F.A.P.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
332/876	2002-113R	WILL	242	140
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 5 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-3
Station 61+065
Offset 23.00m Rt CL
Ground Surface Elev. 224.98 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	224.67				
Hard Brown SILTY CLAY			5 8 9	661 B	19 17
		-1.5	5 7 8	594 B	17
Grades wtrace pebbles			5 8 10	680 B	16
		-3.0	5 6 7	613 B	17
Grades wtrace Gray	221.32				
Very Stiff Gray SILTY CLAY wtrace pebbles			4 6 8	402 B	16
		-4.5	3 6 7	307 B	15
			3 5 7	364 B	16
	218.98	-6.0			

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Very Stiff Gray SILTY CLAY wtrace pebbles (continued)			6		
100mm Gray SILT Seam @ 6.5m			9 7	182 B	20 23
			3 4 5	249 B	17
		-7.5	3 5 8	230 B	16
50mm SAND & SILT Seam @ 7.9m	216.90				
End of Boring		-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-4
Station 61+104
Offset 24.00m Rt CL
Ground Surface Elev. 224.42 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 (frozen 6")	224.17				
Hard Brown SILTY CLAY					23
Grades to Mottled Brown and Gray wtrace pebbles & trace fibers			6 7 7	431 P	17
		-1.5	5 6 7	661 B	17
Grades to Brown			5 7 8	479 B	19
		-3.0	5 6 7	489 S @ 15%	16
			4 4 7	479 B	17
	220.00	-4.5			
Very Stiff Dark Gray SILTY CLAY wtrace pebbles			3 5 5	345 S @ 15%	18
			3 4 5	259 B	17
		-6.0			

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Very Stiff Dark Gray SILTY CLAY wtrace pebbles (continued)			3		
	217.86		4 5	249 B	17
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