



Illinois Department
of Transportation
Division of Highways
Illinois Dept. of Transportation

SOIL BORING LOG

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Date 3/21/03

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-13
Station 61+414
Offset 52.99m Rt CL
Ground Surface Elev. 227.42 m

D	B	U	M	Surface Water Elev.	D	B	U	M
E	L	C	O	_____ m	E	L	C	O
P	O	S	I	Stream Bed Elev.	P	O	S	I
T	W	S	S	_____ m	T	W	S	S
H	S	Qu	T	Groundwater Elev.:	H	S	Qu	T
(m)	(mm)	(kPa)	(%)	First Encounter _____ m	(m)	(150 mm)	(kPa)	(%)
				Upon Completion DRY _____ m				
				After _____ Hrs. _____ m				

Soil Description	Depth (m)	Blow Count (B)	UCS (kPa)	Failure Mode (U/M)	Soil Description	Depth (m)	Blow Count (B)	UCS (kPa)	Failure Mode (U/M)
Topsil	227.19				Very Stiff Gray SILTY CLAY (continued)				
Stiff Dark Green SILTY CLAY						4			
						5	364		17
						8	B		
					End of Boring				
		1							
		3	125	25					
		3	B						
	226.05								
Very Stiff to Hard mottled Gray and Brown SILTY CLAY	-1.5								
		3							
		5	374	17					
		7	S @ 12%						
		5							
		7	699	17					
		8	B						
	-3.0								
Grades w trace pebbles		2							
		4	220	22					
		7	B						
		6							
Grades to Brown		8	795	16					
		12	B						
	-4.5								
		5							
		9	594	18					
		13	B						
	222.24								
Very Stiff Gray SILTY CLAY		4							
		6	354	17					
		8	B						
	-6.0								

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)

<p>Excellence through Ownership</p> <p>200 West Front Street Wheaton, IL 60187</p>	REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION IL RTE. 394 AT IL RTE. 1 NOISE ABATEMENT WALL SOIL BORINGS DATE 8/20/2009
	NAME	DATE	
		DRAWN BY JTT CHECKED BY BLB	