



### SOIL BORING LOG

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Date 3/18/03

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.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	_____ m	E	L	C	O
	P	O	S	I	Stream Bed Elev.	P	O	S	I
	T	W	S	T	Groundwater Elev.:	T	W	S	T
BORING NO.	H	S	Qu	T	First Encounter	H	S	Qu	T
Station	(150	(mm)	(kPa)	(%)	_____ m	(150	(mm)	(kPa)	(%)
Offset	mm)				Upon Completion	mm)			
Ground Surface Elev.	(m)				After _____ Hrs.	(m)			
Topsoil	227.15				Very Stiff Gray SILTY CLAY (continued)	3			
Brown SILTY CLAY (sample taken from auger)				19		5	278	17	
	226.69				End of Boring	6	S@	15%	
Very Stiff to Hard Mottled Brown-Gray SILTY CLAY		4							
		7	651	16					
		8	S@						
			15%						
	-1.5								
		5							
		8	393	16					
		10	S@						
			10%						
Grades to Brown wtrace pebbles		4							
		7	536	17					
		11	B						
	-3.0								
		4							
		6	335	18					
		9	B						
75mm Silt Seam @ 4.0m		4							
		5	287	16					
		8	B						
	-4.5								
		5							
		5	489	18					
		8	S@						
			15%						
Very Stiff Gray SILTY CLAY	222.12								
		2							
		5	230	17					
		6	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)



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STRUCT. NO.	D	B	U	M	Surface Water Elev.	D	B	U	M
Station	E	L	C	O	_____ m	E	L	C	O
	P	O	S	I	Stream Bed Elev.	P	O	S	I
	T	W	S	T	Groundwater Elev.:	T	W	S	T
BORING NO.	H	S	Qu	T	First Encounter	H	S	Qu	T
Station	(150	(mm)	(kPa)	(%)	_____ m	(150	(mm)	(kPa)	(%)
Offset	mm)				Upon Completion	mm)			
Ground Surface Elev.	(m)				After _____ Hrs.	(m)			
Topsoil	226.25				Stiff to Hard Gray SILTY CLAY w/ trace pebbles (continued)	2			
Brown and Black SILTY CLAY				17		4	163	17	
	225.79			27		7	B		
Hard Mottled Brown-Gray SILTY CLAY wtrace Fine Sand		4			Grades wmore Sand				
		7	498	17		4			
		8	S@			6	359	14	
			15%			8	P		
	-1.5								
Grades to Brown wtrace pebbles		6				4			
		8	709	12		6	287	14	
		10	B			8	B		
					End of Boring				
	218.32								
		5							
		8	479	16					
		10	S@						
			15%						
	-3.0								
50mm Silt Seam @ 3.4m		4							
		7	498	17					
		9	B						
Stiff to Hard Gray SILTY CLAY w/ trace pebbles	222.74								
		3							
		5	249	20					
		6	S@						
			10%						
	-4.5								
Grades to Mottled Green-Gray 150mm Sandy Loam Seam @ 4.9m		4							
		6	412	15					
		7	B						
75mm Silt Seam @ 5.3m		3							
Grades to Gray		4	201	18					
		6	B						
	-6.0								

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