

BORING LOG: RW-410 (1 of 1)



Illinois Department of Transportation
Division of Highways
Geotechnology, Inc.

SOIL BORING LOG

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Date 3/3/09

ROUTE FAP 99B DESCRIPTION Trilevel Interchange LOGGED BY LAH
SECTION 82-1 LOCATION East St. Louis, IL, SEC. 7, TWP. 2N, RNG. 9W
COUNTY St. Clair DRILLING METHOD HSA with MR below 15 ft HAMMER TYPE CME 75 / 80%

STRUCT. NO. Station	BORING NO. Station	Offset	Ground Surface Elev.	D (ft)	B (/6")	U (tsf)	M (%)	Surface Water Elev.		D (ft)	B (/6")	U (tsf)	M (%)
								Unknown	Unknown				
082-0322 NA	RW-410 77	36.00ft Right	417.57					Unknown	Unknown				
Gray, CLAY (FILL), with cinders and sand				2				SHff, gray, SILTY CLAY LOAM		2			
				3		27				3		27	
				2		35		395.07		8			
				1				Medium dense, brown, SANDY LOAM		6			
413.57				4		32				8			
Medium stiff to very stiff, gray, CLAY				4				392.57		8			
				2				Very soft, gray, SILT		1			
				3	2.1	31				1		32	
409.57				0						1			
Very soft, gray, SILT				1		30		388.57		6			
				0				Medium dense, brown, FINE GRAINED SAND		8			
407.57				0						8			
Very soft, gray, SILTY LOAM				0									
				0		28							
				0									
404.57				0						11			
Medium stiff, gray, CLAY				2	0.5	41				14			
				2	B					15			
				0									
				1	0.9	31		380.57					
				1	S			Medium dense, brown, COARSE GRAINED SAND, with gravel					
				0						7			
				1	1.0	39				6			
				2	S			377.57		7			
				397.57	-20					7			

End of Boring
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)
* Rimac not measured due to sample disturbance
** Not measured due to drilling methods used
BBS, from 157 (Rev. 8-99)

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