

SB-125

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SOIL BORING LOG												PAGE 1 of 4			
ROUTE 170/IL3 DESCRIPTION 1-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08												DATE 5/5/2009			
SECTION 82-2-1HVB-1 LOCATION 1-70 & Illinois Route 3												LOGGED BY DR			
COUNTY St. Clair DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic												GSI JOB No. 08201			
STRUCT. NO. 082-0329												Surface Water Elev. n/a		D B U M	
Station: --												Stream Bed Elev. n/a		E P L O	
BORING NO. SB-125												Groundwater Elevation: n/a		T H W S	
Station: 1680+85												First Encounter n/a		Q u	
Offset: 46.5' Right												Upon Completion n/a		S T	
Ground Surface Elev. 417.2												After 24 Hrs. 395.2		(ft) (/6") (tsf) (%)	
CONCRETE												416.2			
CINDERS-black-loose (Fill)															
SANDY LOAM-brown-medium dense (A-2)												411.7			
SAND-brown-medium dense (A-3)												406.7			
SANDY LOAM-brown-loose (A-2)												404.2			
SAND-brown-medium dense to dense (A-3)												401.7			
SANDY LOAM-brown-medium dense (A-2)												379.2			

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BORING NO. SB-125												Groundwater Elevation: n/a		T H W S	
Station: 1680+85												First Encounter n/a		Q u	
Offset: 46.5' Right												Upon Completion n/a		S T	
Ground Surface Elev. 417.2												After 24 Hrs. 395.2		(ft) (/6") (tsf) (%)	
SANDY LOAM-brown-medium dense (A-2)												361.7			
SAND-gray-medium dense (A-3)												349.2			
SAND with Gravel-gray-medium dense (A-1-b)												346.7			
SAND-gray-dense (A-3)												341.7			
SAND with Gravel-brown & gray-medium dense (A-1-b)												317.7			
SAND-gray-medium dense (A-3)												302.2			

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STRUCT. NO. 082-0329												Surface Water Elev. n/a		D B U M	
Station: --												Stream Bed Elev. n/a		E P L O	
BORING NO. SB-125												Groundwater Elevation: n/a		T H W S	
Station: 1680+85												First Encounter n/a		Q u	
Offset: 46.5' Right												Upon Completion n/a		S T	
Ground Surface Elev. 417.2												After 24 Hrs. 395.2		(ft) (/6") (tsf) (%)	
SAND with Gravel (A-1-b)												336.7			
SAND-brown & gray-medium dense (A-3)												331.7			
SAND with Gravel-brown & gray-medium dense (A-1-b)												329.2			
SAND-brown & gray-medium dense to very dense (A-3)												302.2-115			
Drillers Observation: Apparent Bedrock. 301.7 RUN 1 (-115.5' to -120.5') Cobbles from -115.5' to -115.8'. Mississippian System, Valmeyerian Series Limestone Light gray to gray & fine grained with horizontal bedding. Horizontal fractures @ -116.4', -116.7', -117.2', -117.7', -118.1', -119.6' & -119.7'. 1/2" clay parting @ -120.5'.												301.7		RUN 1	

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