

SB-105

SB-105 Run-1

SB-105 Run-2

SOIL BORING LOG		PAGE 4 of 4	
ROUTE 170/IL3		DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08	
SECTION 82-2-1HVB-1		LOCATION I-70 & Illinois Route 3	
COUNTY St. Clair		DRILLING METHOD 3.25" Hollow Stem Auger HAMMER TYPE CME Automatic	
STRUCT. NO. 082-W309	Station: --	Surface Water Elev. <i>n/a</i>	Stream Bed Elev. <i>n/a</i>
BORING NO. SB-105	Station: 20+59	Groundwater Elevation: First Encounter <i>n/a</i>	Upon Completion <i>n/a</i>
Offset: Baseline	Ground Surface Elev. 418.7	After 24 Hrs. 402.7	
DEPTH (ft)	BLOW COUNT (/6")	UCS (tsf)	MOISTURE (%)
Recovery=100.0% R.Q.D.=69.7%			
RUN 1			
293.7-125			
RUN 2 (-125.0' to -130.0') Mississippian System, Valmeyeran Series Limestone			
Light gray to gray & fine grained with horizontal bedding. Horizontal fractures @ -126.0', -127.0', -127.6', -128.6', -128.7' & -128.9'. 1/2" clay parting @ -129.4'. Horizontal fracture @ -129.8'.			
Recovery=100.0% R.Q.D.=85.5%			
288.7-130			
End Of Boring @ -130.0' Hollow Stem Augers To -15.0' Rotary Drilling To Completion Diedrich Automatic Hammer 15' Of 5" Casing Used			
-135			
-140			

ROCK CORE LOG		PAGE 1 of 2	
ROUTE 170/IL3		DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08	
SECTION 82-2-1HVB-1		LOCATION I-70 & Illinois Route 3	
COUNTY St. Clair		CORING METHOD Rotary Wash	
STRUCT. NO. 082-W309	Station: --	CORING BARREL TYPE & SIZE NX Double Swivel-10 ft	Core Diameter 2.0 in
BORING NO. SB-105	Station: 20+59	Top of Rock Elev. 304.7	Begin Core Elev. 303.7
Offset: Baseline	Ground Surface Elev. 418.7		
DEPTH (ft)	CORRECTION (%)	RECOVERY (%)	R.Q.D. (%)
Color pictures of the cores Yes Cores will be stored for examination for XX			
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)			
RUN 1 (-115.0' to -125.0') Mississippian System, Valmeyeran Series Limestone			
Light gray to gray & fine grained with horizontal bedding & numerous horizontal fractures throughout. 1/2" clay parting @ -116.1' & -120.7'.			
303.7			
-120			
-125			

ROCK CORE LOG		PAGE 2 of 2	
ROUTE 170/IL3		DESCRIPTION I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08	
SECTION 82-2-1HVB-1		LOCATION I-70 & Illinois Route 3	
COUNTY St. Clair		CORING METHOD Rotary Wash	
STRUCT. NO. 082-W309	Station: --	CORING BARREL TYPE & SIZE NX Double Swivel-10 ft	Core Diameter 2.0 in
BORING NO. SB-105	Station: 20+59	Top of Rock Elev. 304.7	Begin Core Elev. 303.7
Offset: Baseline	Ground Surface Elev. 418.7		
DEPTH (ft)	CORRECTION (%)	RECOVERY (%)	R.Q.D. (%)
Color pictures of the cores Yes Cores will be stored for examination for XX			
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)			
RUN 2 (-125.0' to -130.0') Mississippian System, Valmeyeran Series Limestone			
Light gray to gray & fine grained with horizontal bedding. Horizontal fractures @ -126.0', -127.0', -127.6', -128.6', -128.7' & -128.9'. 1/2" clay parting @ -129.4'. Horizontal fracture @ -129.8'.			
293.7			
-130			
-135			

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