

SB-128 Run-2

ROCK CORE LOG		PAGE <u>2</u> of <u>2</u>
		DATE <u>5/5-7/2009</u>
		LOGGED BY <u>MR</u>
		GSI JOB No. <u>08201</u>
ROUTE <u>I70/I3</u>	DESCRIPTION <u>I-70/Relocated IL 3 Interchange IDOT Job No. D-98-059-08</u>	
SECTION <u>B2-2-1HVB-1</u>	LOCATION <u>I-70 & Illinois Route 3</u>	
COUNTY <u>St. Clair</u>	CORING METHOD <u>Rotary Wash</u>	
STRUCT. NO. <u>052-0328</u>	CORING BARREL TYPE & SIZE <u>NX Double Swivel-10 ft</u>	
Station: <u>--</u>	Core Diameter <u>2.0 in</u>	
BORING NO. <u>SB-128</u>	Top of Rock Elev. <u>302.1</u>	
Station: <u>1684+68</u>	Begin Core Elev. <u>301.6</u>	
Offset: <u>47.0' Right</u>		
Ground Surface Elev. <u>416.6</u>		
RUN 1 (-125.0' to -130.0')	291.6	
Mississippian System, Valmeyeran Series Limestone		
Light gray to gray & fine grained with horizontal bedding. Horizontal fractures @ -125.3' & -125.6'. $\frac{1}{4}$ " clay parting @ -125.8'. Vertical fracture with intersecting horizontal fractures from -126.1' to -126.8'. Horizontal fractures @ -127.3', -127.7', -128.5', -128.9', -129.4' & -129.5'.		
	-130	
	-131	

DEPTH (ft)	CORE RETRUN (#)	RECOVER (%)	RQD (%)	CORRECTION (min) (ft)	STRENGTH (tsf)
	2	100.0	62.0	n/a	12029 -127.5

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)