


STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

 <p>Geo Services, Inc. Geotechnical, Environmental & Civil Engineering 800 Adams Street, Suite 200 Naperville, Illinois 60563 (630) 256-2500</p>		<p>ROCK CORE LOG</p>		<p>PAGE <u>1</u> of <u>1</u></p>	
				<p>DATE <u>11/3/2008</u></p>	
				<p>LOGGED BY <u>RJ</u></p>	
		<p>JOB NUMBER <u>P-91-186-08</u></p>		<p>GSI JOB No. <u>08015</u></p>	
<p>ROUTE <u>I-294 & I-57</u></p>		<p>DESCRIPTION <u>I-57 & I-294 Interchange Improvements (PTB 146, Item 1)</u></p>			
<p>SECTION <u>-</u></p>		<p>LOCATION <u>I-57/I-294 RAMP B Fly-Over Bridge</u></p>			
<p>COUNTY <u>Cook</u></p>		<p>CORING METHOD <u>Rotary Wash</u></p>			
<p>STRUCT. NO. <u>-</u></p>		<p>CORING BARREL TYPE & SIZE <u>NX Double Swivel-10 ft</u></p>			
<p>Station <u>-</u></p>		<p>Core Diameter <u>2.0 in</u></p>			
<p>BORING NO. <u>RMP B B-8</u></p>		<p>Top of Rock Elev. <u>575.1</u></p>			
<p>Station: <u>258+24</u></p>		<p>Begin Core Elev. <u>572.1</u></p>			
<p>Offset: <u>85.0' Left</u></p>					
<p>Ground Surface Elev. <u>614.1</u></p>					
				<p>(ft) (#) (%) (%) (ft) (tsf)</p>	
<p>RUN 1 (-42.0' to -51.0')</p>		<p>572.1</p>		<p>1 98.4 87.2 n/a 1121@ -42.8'</p>	
<p>Silurian System Niagaran Series Dolomite</p>					
<p>Light gray mottled gray with horizontal bedding. Fine grained with some varving. Horizontal fractures @ -42.4', -42.6', -42.8', -43.2', -47.5' & -47.8'.</p>					
<p style="text-align: center;">-47</p>					
<p style="text-align: center;">-52</p>					

Color pictures of the cores Yes Cores will be stored for examination for
The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)

BORING LOGS 12
STRUCTURE NO. 016-1251

<p>TYLIN INTERNATIONAL</p>	DESIGNED - JMA	REVISIONS			<p>SHEET NO. 68</p>	F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.	
	CHECKED - SP,	NAME	DATE			57	1414.2B	COOK	516	313	
	DRAWN - JMA					68 SHEETS		CONTRACT NO. 60J27			
	CHECKED - SP, PDF					FED. ROAD DIST. NO. 1		ILLINOIS		FED. AID PROJECT	
	DATE - 03/18/10										

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3/17/2010