


**ROCK CORE LOG**

PAGE 1 of 1  
 DATE 1/11/2013  
 LOGGED BY DR  
 GSI JOB No. 10025

**FAP Rte. 373 (IL 171)** DESCRIPTION 1st Ave. Bridge Rehabilitation & Replacement, 47th St. to 55th St.  
 SECTION 2013-0388-R LOCATION SEC 11, 12, 13 & 14 T 38 N. R 12 E. 3rd PM  
 COUNTY Cook CORING METHOD Rotary Wash

STRUCT. NO. 016-0488 CORING BARREL TYPE & SIZE NX Double Swivel-10 ft  
 Station 22+90.24 Core Diameter 2.0 in  
 BORING NO. SB-65 Top of Rock Elev. 544.5  
 Station 24+24 Begin Core Elev. 544.0  
 Offset 60.0' Left  
 Ground Surface Elev. 627.5

DEPTH (ft)	CORRECTION (%)	RECOVERY (%)	R.Q.D. (%)	CORRECTION (min)	STRENGTH (tsf)
1	95.0	83.0	n/a	83.7	
-86.5					
-93.5					

SILURIAN SYSTEM, NIAGARAN SERIES DOLOMITE  
 RUN 1 (-83.5' to -93.5')  
 Light gray becoming mottled gray @ -85.3'. Fine grained with horizontal bedding.  
 Horizontal fractures @ -84.4', -84.9', -85.3', -86.2', -86.9', -87.5', -87.7', -88.2', -89.1', -89.3', -89.7', -91.6', -92.1' & -92.5'.



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)

FILE NAME =	USER NAME = tjenicke	DESIGNED - CMK	REVISED -
		CHECKED - JAW	REVISED -
016-0488-60J16-036-Soil Boring Logs 6 of 6	SCALE =	DRAWN - CMK	REVISED -
	PLOT DATE = 12/20/2013	CHECKED - JAW	REVISED -

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
373	2013-0388-R	COOK	821	774
CONTRACT NO. 60J16			ILLINOIS FED. AID PROJECT	