

ILLINOIS DEPARTMENT OF TRANSPORTATION
Testing Service Corporation
STRUCTURE BORING LOG

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Date 7/15/11

STRUCTURE NO. 083-0314
ROUTE IL 3
SECTION 50-1-2HVB
COUNTY St. Clair

Boring No. SPT-8 N. ABUT
Station 1658+44
Offset 29.00ft RT
Elevation 306.50 ft

DEPTH	BLOWS	Qu	W
H	S	tsf	%
Very dense gray medium to coarse SAND with small gravel, saturated			
-105			
Boring Continued With Rock Core			
300.50			
Gray LIMESTONE			
-110			
-115			
-120			
-125			

SPT. (N) = Sum of last two blow values in sample. (Qu) B=Bulge S=Shear P=Penetration Test
Stations, Depths, Offset, and Elevations are in Feet

Testing Service Corporation
STRUCTURE ROCK CORING LOG

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ROUTE IL 3 DESCRIPTION Relocated IL 3 over TRRA Railroad
SECT. 50-1-2HVB STRUCT. NO. 083-0314 DRILLED BY Bruno Williamson
COUNTY St. Clair

Boring No. SPT-8 N. ABUT Core Type NX Diamond Bit
Station 1658+44 Core Diameter 2 in
Offset 29.00ft RT Core Length 10 ft
Surface Elev. 406.50 ft

Top Elev.	Coring Notes and Rock Description	Core Run (#)	RECOVERY (%)	R.Q.D. (%)	CORE TIME (Min/ft)	COMP. STRENGTH (psi)
300.50	Gray LIMESTONE	1	98	83		442.1
	Moisture Content = 1.4%					
-110.0						
	Moisture Content = 1.1%					1201.7
	Moisture Content = 0.1%					1512.0
-115.0						
290.50	End of Boring at 116'					
-120.0						
-125.0						

Color pictures of the cores No Yes

Cores will be stored for examination until _____



DESIGNED - TCR	REVISED
CHECKED - JML	REVISED
DRAWN - JWK/DJM	REVISED
CHECKED - MSW	REVISED

DATE - 10/18/12

**STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION**

**SOIL BORING LOGS
STRUCTURE NO. 082-0314 NB & 082-0315 SB**

SHEET NO. B49 OF 50 SHEETS

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
788	520-1-2HVB-1	ST. CLAIR	237	182
CONTRACT NO. 76848				

ILLINOIS FED. AID PROJECT