


Contract #64970



**Illinois Department of Transportation**  
Division of Highways  
IDOT

## SOIL BORING LOG

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Date 10/18/04

ROUTE FAP 505 DESCRIPTION P92-164-00 IL 75, bridge, Rock Run Creek on IL 75 LOGGED BY W. Garza


SECTION 109RS-2, 110RS-1, 111RS-3, YA-15D-RS LOCATION Rock Run Twp. - 22NE, SEC., TWP. 28N. RNG. 9E

COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. <u>089-0040</u>	D E P T H S Qu (ft) (ft) (tsf) (%)	B L O W S Qu (ft) (ft) (tsf) (%)	U C S Qu (ft) (ft) (tsf) (%)	M O I S T Qu (ft) (ft) (tsf) (%)	Surface Water Elev. <u>85.2</u> ft
Station <u>10705+39</u>					Stream Bed Elev. <u>81.2</u> ft
BORING NO. <u>B-1a</u>	Groundwater Elev.: <u>Dry</u> ft				
Station <u>10704+57</u>	First Encounter <u>Dry</u> ft				
Offset <u>11.00ft Rt CL</u>	Upon Completion <u>Dry</u> ft				
Ground Surface Elev. <u>100.7</u> ft	After <u>Hrs.</u> <u>ft</u>				

4" Asphalt	-	-	-	-	-	-	-	-	-
MEDIUM gray SILTY CLAY LOAM									
98.20									
MEDIUM gray SILTY LOAM									
96.70									
SOFT MEDIUM gray SILTY LOAM with ORGANICS									
94.20									
STIFF gray SILTY LOAM									
91.70									
STIFF gray SILTY LOAM									
88.70									
MEDIUM tan/gray weathered LIMESTONE									
86.70									
VERY DENSE tan weathered LIMESTONE									
85.20									
Borehole continued with rock coring.									

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)  
 The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)  
 BBS, from 137 (Rev. 8-99)



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## ROCK CORE LOG

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Date 10/18/04

ROUTE FAP 505 DESCRIPTION P92-164-00 IL 75, bridge, Rock Run Creek on IL 75 LOGGED BY W. Garza


SECTION 109RS-2, 110RS-1, 111RS-3, YA-15D-RS LOCATION Rock Run Twp. - 22NE, SEC., TWP. 28N. RNG. 9E

COUNTY Stephenson CORING METHOD \_\_\_\_\_

STRUCT. NO. <u>089-0040</u>	D E P T H S Qu (ft) (ft) (tsf) (%)	C O R E D I A M E T E R (in) (in) (mm)	R E C O V E R Y (%)	R E C O R D I N G T I M E (min/ft)	C O R E S T R E N G T H (tsf)
Station <u>10705+39</u>					
BORING NO. <u>B-1a</u>	Ground Surface Elev. <u>100.7</u> ft				
Station <u>10704+57</u>	Dolomite: tan-buff, horizontally fractured in 1/4" to 3" segments with minor pitting evident throughout.				
Offset <u>11.00ft Rt CL</u>					
Ground Surface Elev. <u>100.7</u> ft					

Dolomite: as above	-	-	-	-	-	-	-	-	-
80.20									
Dolomite: light gray, otherwise as above. T.S.F.: 74.5 to 74.0									
75.20									
End of Boring									
70.20									

Color pictures of the cores \_\_\_\_\_  
 Cores will be stored for examination until \_\_\_\_\_  
 The "Strength" column represents the uniaxial compressive strength of the core sample (ASTM D-2938)  
 BBS, form 138 (Rev. 8-99)

 Excellence through Ownership  200 West Front Street Wheaton, IL 60187	ILLINOIS DEPARTMENT OF TRANSPORTATION  BORING LOGS - I IL-75 OVER ROCK RUN CREEK FAP RTE 505 - SECTION 111B STEPHENSON COUNTY STATION 10705+38.61 STRUCTURE NO. 089-0084
	DATE: <u>3/03/2009</u> DRAWN BY <u>JMT</u> CHECKED BY <u>WJV</u>