



SOIL BORING LOG

Page 1 of 1
Date 10/19/04

ROUTE FAP 505 DESCRIPTION P92-164-00 Bridge on IL 75, Rock Run Creek LOGGED BY W. Garza
 SECTION 109RS-2, 110RS-1, 111RS-3, YA-15D-RS LOCATION Rock Run Twp. - 22 NE, SEC., TWP. 28N, RNG. 9E
 COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO. Station	DEPTH (ft)	B L O W S	U C S Qu	M O I S T	Surface Water Elev. Stream Bed Elev.	D E P T H	B L O W S	U C S Qu	M O I S T	Groundwater Elev. First Encounter Upon Completion After Hrs.	D E P T H	B L O W S	U C S Qu	M O I S T
12" Asphalt MEDIUM brown SILTY CLAY LOAM			0.8 P	17										
MEDIUM brown SILTY CLAY LOAM	95.90	2												
	94.40	3	0.8 B	21										
MEDIUM/SOFT brown/gray SILTY LOAM	91.90	1 2	0.5 P	25										
MEDIUM gray SANDY LOAM	89.40	2 4	0.8 P	15										
MEDIUM dark gray SILTY LOAM with fine SAND lens	86.90	3 3	0.6 B	29										
MEDIUM dark gray SILTY CLAY LOAM	83.90	1 2 3	0.9 B	29										
LOOSE gray dirty SAND & GRAVEL	81.90	1 3 4												
MEDIUM gray tan dirty weathered LIMESTONE	79.40	6 5 5												

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 T205)
 BBS, from 137 (Rev. 8-99)



ROCK CORE LOG

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

STRUCT. NO. Station	CORING BARREL TYPE & SIZE	DEPTH (ft)	CORRECTION (#)	RECOVERED (%)	CORE Diameter (in)	STRENGTH (min/ft)	TRENCHING (tsf)
Dolomite: tan-buff, horizontally fractured in 1/4" to 3" segments with minor pitting evident throughout.		76.40	1	95	0	2	0
Dolomite: as above		69.40	2	100	1.5	2.4	1109
Dolomite: light gray, otherwise as above		64.40	3	100	0	2.4	0
End of Boring		59.40					

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)

rjngroup
 Excellence through Ownership
 200 West Front Street
 Wheaton, IL 60187

ILLINOIS DEPARTMENT OF TRANSPORTATION
 BORING LOGS - II
 IL-75 OVER ROCK RUN CREEK
 FAP RTE 505 - SECTION 111B
 STEPHENSON COUNTY
 STATION 10705+38.61
 STRUCTURE NO. 089-0084
 DATE: 3/03/2009
 DRAWN BY JMT
 CHECKED BY WJV