


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	217-1	STEPHENSON	64	36
STA. TO STA.				
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

BORING LOGS



Illinois Department of Transportation
Division of Highways
1007

SOIL BORING LOG

Page 1 of 1

Date 11/20/06

ROUTE US 20 DESCRIPTION P-92-111-05 Box Culvert, 0.9 m. S.E. of Galena Road on US 20 LOGGED BY J. Strating

SECTION _____ LOCATION Erin Twp. - 10NE, SEC. 7, TWP. 27N, RNG. 6E

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

STRUCT. NO. _____	D	B	U	M	Surface Water Elev. <u>92.0</u> ft
Station <u>589+76</u>	E	L	C	O	Stream Bed Elev. <u>91.0</u> ft
	P	O	S	I	
BORING NO. <u>B-1</u>	T	W	S	Q	Groundwater Elev. _____
Station <u>375+02.62</u>	H	S	Qu	T	First Encounter <u>Dry</u> ft
Offset <u>11.00ft Lt CL</u>					Upon Completion <u>Dry</u> ft
Ground Surface Elev. <u>100.0</u> ft	(ft)	(6")	(tsf)	(%)	After _____ Hrs. _____ ft

Asphalt Widening _____

MEDIUM brown SILTY CLAY LOAM _____

MEDIUM brown SILTY LOAM _____

STIFF graybrown SILTY CLAY LOAM (tan/gray LIMESTONE at bottom 3") _____


VERY DENSE tan/gray weathered LIMESTONE _____

Auger Refusal _____

End of Boring _____

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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SECTION _____ LOCATION Erin Twp. - 10NE, SEC. 7, TWP. 27N, RNG. 6E

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

STRUCT. NO. _____	D	B	U	M	Surface Water Elev. <u>92.0</u> ft
Station <u>374+59.62</u>	E	L	C	O	Stream Bed Elev. <u>91.0</u> ft
	P	O	S	I	
BORING NO. <u>B-2</u>	T	W	S	Q	Groundwater Elev. _____
Station <u>589+50</u>	H	S	Qu	T	First Encounter <u>90.0</u> ft
Offset <u>11.00ft Rt CL</u>					Upon Completion <u>85.5</u> ft
Ground Surface Elev. <u>99.5</u> ft	(ft)	(6")	(tsf)	(%)	After _____ Hrs. _____ ft

Asphalt Widening _____

MEDIUM brown SILTY CLAY LOAM _____

STIFF brown SILTY CLAY LOAM _____

MEDIUM brown SILTY CLAY LOAM _____

MEDIUM brown SILTY LOAM with LIMESTONE fragments _____

STIFF gray/blue CLAY with ORGANICS _____

VERY STIFF brown CLAY with LIMESTONE fragments _____

VERY STIFF tan/brown CLAY with SAND lenses _____

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)

PLOT DATE = Tue Mar 13 11:46:55 2007
 FILE NAME = c:\p\projects\211105.d\1105106a.dgn
 PLOT SCALE = 1/25,0000 "/>

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		DRAWN BY _____ CHECKED BY _____

SCALE: VERT. _____
HORIZ. _____
DATE _____