


F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
301	21T-1	STEPHENSON	64	36
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

BORING LOGS



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 1

Date 1/2/06

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. 27N, RNG. 6E

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


STRUCT. NO. _____	D	B	U	M	Surface Water Elev. _____	ft
Station <u>589+75</u>	E	L	C	O	Stream Bed Elev. _____	ft
	P	O	S	I		
BORING NO. <u>B-1</u>	T	W	S	S	Groundwater Elev. _____	
Station <u>589+93</u>	H	S	Qu	T	First Encounter _____	ft
Offset <u>11.00R L& CL</u>					Upon Completion _____	ft
Ground Surface Elev. _____					After _____	Hrs.
	(ft)	(6")	(tsf)	(%)		

Asphalt Widening					
MEDIUM brown SILTY CLAY LOAM	98.00	2	3	0.8	26
	96.50	3	P		
MEDIUM brown SILTY LOAM		2	3	0.9	24
	94.00	3	B		
STIFF gray/brown SILTY CLAY LOAM (tan/gray LIMESTONE at bottom 3")		2	2	1.7	26
	91.00	36	B		
VERY DENSE tan/gray weathered LIMESTONE				1002"	
Auger Refusal	89.00				
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)

STA 598+76 = STA 374+47.6



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 1

Date 1/2/06

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. 27N, RNG. 6E

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

STRUCT. NO. _____	D	B	U	M	Surface Water Elev. _____	ft
Station <u>589+75</u>	E	L	C	O	Stream Bed Elev. _____	ft
	P	O	S	I		
BORING NO. <u>B-2</u>	T	W	S	S	Groundwater Elev. _____	
Station <u>589+50</u>	H	S	Qu	T	First Encounter _____	ft
Offset <u>11.00R R& CL</u>					Upon Completion _____	ft
Ground Surface Elev. _____					After _____	Hrs.
	(ft)	(6")	(tsf)	(%)		

Asphalt Widening					
MEDIUM brown SILTY CLAY LOAM	97.50	2	3	1.0	23
	96.00	5	P		
STIFF brown SILTY CLAY LOAM		3	3	1.3	26
	93.50	4	P		
MEDIUM brown SILTY CLAY LOAM		2	1	0.8	26
	91.00	2	B		
MEDIUM brown SILTY LOAM with LIMESTONE fragments		4	5	0.8	27
	88.50	4	P		
STIFF gray/blue CLAY with ORGANICS		2	4	1.9	32
	86.00	6	S		
VERY STIFF brown CLAY with LIMESTONE fragments		3	6	2.2	31
	83.50	9	S		
VERY STIFF tan/brown CLAY with SAND lenses		6	11	2.5	26
	81.00	12	S		

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)

STA 589+75 = STA 374+29.6

PLOT DATE = Mon Dec 11 09:13:26 2006
 FILE NAME = c:\projects\621105\1105dloga.dgn
 PLOT SCALE = 1/250000 / IN.
 USER NAME = jstrating

REVISIONS		ILLINOIS DEPARTMENT OF TRANSPORTATION
NAME	DATE	
		SCALE: VERT. _____ HORIZ. _____ DATE _____

DRAWN BY _____
CHECKED BY _____