Illinois Department of Transportation
Division of Highways
IDOT - Region 3/Dist 5

SOIL BORING LOG

Page 1 of 1

Date 8/7/07

ROUTE FAP 71 (IL 54) DESCRIPTION Cross Culvert on IL 54 LOGGED BY CNA

SECTION 121R LOCATION NE, SEC. 32, TWP. 22N, RNG. 6E, 3rd PM GPS:

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station 363+69

BORING NO. 1A SE Boring
Station 363+54
Offset 13.0 ft Rt.
Ground Surface Elev. 758.5 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 747.8 ft

Groundwater Elev.:
First Encounter 747.5 ft ▼
Upon Completion Plugged ft
After ____ Hrs. ____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Gravel (Shoulder Stone) 757.5				
Brown Mottled Silty Clay Loam (Backfill)		1		
	-5	2 2	1.2 B	31
752.5				
Black Mottled Silty Clay		1		
751.0		2 1		33
Brown Mottled Silty Clay Loam		1		
748.5	-10	1 1		
Gray Ditry Coarse Sand to Sandy Loam ▼		2		
	-15	4 8		
		2		
738.5	-20	5 6		

End of Boring

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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)

8/14/2009 7:23:46 AM S:\SOILS\BORING LOGS\70592 BELLFLOWER CURVE.GPJ

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SOIL BORING LOG

Page 1 of 1

Date 8/7/07

ROUTE FAP 71 (IL 54) DESCRIPTION Cross Culvert on IL 54 LOGGED BY CNA

SECTION 121R LOCATION NE, SEC. 32, TWP. 22N, RNG. 6E, 3rd PM GPS:

COUNTY McLean DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.
Station 363+69

BORING NO. 1B NW Boring
Station 363+80
Offset 15.0 ft Lt.
Ground Surface Elev. 757.6 ft

Surface Water Elev. Dry ft
Stream Bed Elev. 747.8 ft

Groundwater Elev.:
First Encounter 746.6 ft ▼
Upon Completion Plugged ft
After ____ Hrs. ____ ft

	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Brown Gravel (Shoulder Stone) 756.6				
Brown Mottled Silty Clay (Backfill)		2		
	-5	2 3	1.3 B	25
		1		
		2 1		
749.6				
Black/Brown Mottled Silty Clay Loam		1		
	-10	2 1	0.6 B	29
746.6 ▼				
Gray Ditry Coarse Sand to Sandy Loam		2		
		3 6		
		2		
742.6	-15	6 8		
End of Boring				
	-20			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.
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)

8/14/2009 7:23:47 AM S:\SOILS\BORING LOGS\70592 BELLFLOWER CURVE.GPJ

FILE NAME = c:\pw_work\pwidot\keysrb\d0101441\D70592sht-BoxCulverts.dgn	USER NAME = keysrb	DESIGNED -	REVISED -
		DRAWN -	REVISED -
	PLOT SCALE = 44.0000 ' / IN.	CHECKED -	REVISED -
	PLOT DATE = 10/16/2009	DATE -	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS
PROPOSED CULVERT NO. 1 – STR. NO. 057-2047

SCALE: | SHEET NO. OF SHEETS | STA. TO STA.

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
71	121R	MCLEAN	87	30
		CONTRACT NO. 70592		
	ILLINOIS	FED. AID PROJECT		