

BORING EL 100.00 = PLAN DATUM EL 895.14

BORING B-1

Page 1 of 1  
Date 7/28/06

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

### SOIL BORING LOG

ROUTE FAP 654 DESCRIPTION P92-113-05 Culvert on IL 73 .5 m. N. of US 20 LOGGED BY W. Garza  
SECTION 107 T-1 LOCATION SEC. TWP. RNG.  
COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. \_\_\_\_\_  
Station 607+87.5

BORING NO. B-2  
Station 607+54  
Offset 11.00ft Rt. CL East Side  
Ground Surface Elev. 99.7 ft

DEPTH (ft)	BULGE (ft)	SHEAR (tsf)	Penetration (ft)	MOISTURE (%)	SOIL DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Hrs.)
0					Asphalt						
0				6	MEDIUM tan fine SAND						
97.20	2				STIFF dark gray SILTY CLAY LOAM						
95.70	3	1.3		26							
					MEDIUM gray SILTY CLAY						
93.20	2	0.5		35							
					LOOSE gray SANDY LOAM						
90.70	4			20							
					MEDIUM gray LOAM						
88.20	2	0.6		21							
					MEDIUM gray SILTY CLAY						
85.20	1	0.8		23							
					MEDIUM light gray weathered LIMESTONE						
83.20	1			8							
					VERY DENSE light gray weathered LIMESTONE						
80.70	100/9										
					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)

BORING B-2

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### SOIL BORING LOG

ROUTE FAP 654 DESCRIPTION P92-113-05 Culvert on IL 73 .5 m. N. of US 20 LOGGED BY W. Garza  
SECTION 107 T-1 LOCATION SEC. TWP. RNG.  
COUNTY Stephenson DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Diedrich Automatic

STRUCT. NO. 089-1031  
Station 607+87.5

BORING NO. B-1  
Station 608+18  
Offset 10.00ft Lt. CL West Side  
Ground Surface Elev. 99.8 ft

DEPTH (ft)	BULGE (ft)	SHEAR (tsf)	Penetration (ft)	MOISTURE (%)	SOIL DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (Hrs.)
0					Asphalt						
				0.8	MEDIUM dark gray SILTY CLAY LOAM						
97.30	2			18							
95.80	3	0.8		33	MEDIUM black SILTY LOAM						
					MEDIUM black SILTY LOAM						
93.30	1	0.5		52							
					MEDIUM light gray SANDY LOAM with LIMESTONE fragments						
90.30	6			15							
					DENSE light gray weathered LIMESTONE						
88.30	8										
					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)

FILE NAME = ...\\07\07075\v8-na\z113061logsl.dgn	USER NAME = CFC-na	DESIGNED -	REVISED -
PLOT SCALE = 1:8000' / IN.	CHECKED -	REVISED -	REVISED -
PLOT DATE = 01/21/2008	DATE -	REVISED -	REVISED -

**STATE OF ILLINOIS  
DEPARTMENT OF TRANSPORTATION**

**BORING LOGS**

SCALE: SHEET NO. 1 OF 2 SHEETS STA. TO STA.

**COOMBE-BLOXDORF P.C.**  
Engineers / Land Surveyors  
Springfield, Illinois  
Design Firm License No. 184-002703

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1087	107T-1	STEPHENSON	47	18
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT			CONTRACT NO. 64C64	