

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	14VBR-2 & 14VBR-3	BUREAU	219	137
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT	

Contract No. 66731

Illinois Department of Transportation
Division of Highways
District - Materials

SOIL BORING LOG Page 1 of 2

Date 3/21/05

ROUTE FAL 80 DESCRIPTION P92-088-94 I-80 bridge over BMR, 1.2 m. W. of LeSalle County LOGGED BY W. Garza

SECTION 6-HVB-3 LOCATION Hill Twp. - HSE, 23ND. SEC., TWP. 39N. R9E. J1E

COUNTY Bureau DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-53 Dreditch Automatic

STRUCT. NO. 006-368.37 Surface Water Elev. _____ ft
Station 413+24.78 Stream Bed Elev. 609.70 ft

BORING NO. B-2a Groundwater Elev. _____ ft
Station 413+17 First Encounter _____ ft
Offset 45,000 Ft. Cl. Mod. Upon Completion _____ ft
Ground Surface Elev. 635.00 ft After Hrs. _____ ft

DEPTH (ft)	SOIL DESCRIPTION	DI	DB	DS	DT	DU	DM	DT	DS	DT	DU	DM
0	Through Bridge Deck											
0	Through Bridge Deck (continued)											
58.50	Dry brown SANDY LOAM							0.0	7.0			
60.00	Dry brown SANDY LOAM							5				
608.50	MEDIUM brown LOAM with GRAVEL							2	0.5	13.0		
606.00	SOFT brown LOAM with GRAVEL							1	0.3	13.0		
603.50	MEDIUM brown SILTY CLAY LOAM							3	1.0	20.0		
601.00	No Recovery							6				
598.50	VERY STIFF gray CLAY							4	3.3	22.0		
596.00								6				
								9				

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)

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DEPTH (ft)	SOIL DESCRIPTION	DI	DB	DS	DT	DU	DM	DT	DS	DT	DU	DM
7	STIFF gray SILTY CLAY							7				
8								2.1	24.0			
11								B				
593.50												
591.00	STIFF gray SILTY CLAY TILL							4				
590.00								5	2.1	22.0		
589.00								9				
588.50	STIFF gray SILTY CLAY TILL with SAND lens							7				
588.00								10	1.9	15.0		
588.50								14				
586.00	VERY STIFF SILTY CLAY TILL with SAND lenses							1				
586.00								4	2.5	22.0		
586.00								8				
583.00	VERY STIFF SILTY CLAY TILL with SAND lenses							9				
583.00								12	2.8	15.0		
583.00												
583.00	DENSE brown medium SAND with GRAVEL and LIMESTONE fragments							19				
583.00								22				
583.00								28				
583.00												
583.00	VERY DENSE brown coarse SAND with GRAVEL							32				
583.00								35				
583.00								37				
583.00												
583.00	DENSE brown coarse SAND with GRAVEL							16				
583.00								25				
583.00								24				
583.00												

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BORING LOGS
F.A.I. RTE. 80 - SEC. 14VBR-2 & 14VBR-3
BUREAU COUNTY
STATION 413+39.84
STRUCTURE NO. 006-0167 (E.B.)
STRUCTURE NO. 006-0168 (W.B.)