STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.I. 80	(50-2) HBR	LaSALLE		177
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 35
35 SHEETS

Contract No. 86603

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
District 3 Materials

Page 1 of 1

Date 9/23/92

ROUTE FAI 80 DESCRIPTION IL 351 over I-80 LOGGED BY K. Whittington

SECTION 50-2HB-2 LOCATION South 12, SEC. 34, TWP. 34, RNG. 1, 3 PM

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-0026 (existing)
Station 19+978.931

BORING NO. 6 Pier 3
Station 19+991.933
Offset 10.36m Lt CL WBL
Ground Surface Elev. 192.39 m

Surface Water Elev. ____ m
Stream Bed Elev. ____ m

Groundwater Elev.:
First Encounter ____ m
Upon Completion Dry m
After ____ Hrs. ____ m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Bituminous Shoulder & Gravel Base	191.64				
Very Stiff Black Silty Clay	191.34		5		
			5	192	19
			12	P	
Loose Brown Silt	191.04				
Very Stiff Brown Silty Clay Loam Till		-1.5			
			6		
			6	240	13
			11	P	
			7		
			7	192	13
	189.69		9	B	
Stiff Gray Silty Clay Till		-3.0			
			4		
			6	153	12
			9	B	
			5		
			7	192	24
			8	B	
		-4.5			
			2		
			5	192	24
			5	B	
	186.99		6	144	22
Medium Sand	186.84		28	P	15
Hard Brown-Gray Silty Loam Till			33	431	9
				P	
	186.39	-6.0			
Hard Gray Silty Loam Till					
			11		
			20	1169	9
			24		
			17		
			22	796	10
			31	S	
Hard Gray Silty Clay Till	185.04	-7.5			
			15		
			19	1169	11
			26		
	183.24	-9.0			
Hard Weathered Gray Shale			17	402	11
			23	S	
			30	431	18
				P	
	181.44	-10.5			
			10		
			23	431	17
			38	P	
		-12.0			

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)

Illinois Department of Transportation — SOIL BORING LOG

Division of Highways
District 3 Materials

Page 1 of 2

Date 3/1/93

ROUTE FAI 80 DESCRIPTION IL 351 over I-80 LOGGED BY K. Whittington

SECTION 50-2HB-2 LOCATION South 12, SEC. 34, TWP. 34, RNG. 1, 3 PM

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-0026 (existing)
Station 19+978.931

BORING NO. 7 Pier 2
Station 19+987.871
Offset 1.98m Lt CL Med
Ground Surface Elev. 192.05 m

Surface Water Elev. ____ m
Stream Bed Elev. ____ m

Groundwater Elev.:
First Encounter ____ m
Upon Completion Plugged m
After ____ Hrs. ____ m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Black Silty Loam over Brown CA06 aggregate	190.55	-1.5			
Medium Brown Sandy Loam			6		13
			6		
			11		
	189.65				
Very Stiff Gray Clay Till		-3.0			
			4		
			6	278	18
			8	B	
	188.15				
Stiff Gray Silty Clay Till					
	187.55	-4.5			
Brown Sand & Gravel			6	115	21
	187.25		7	P	
Hard Gray Silty Loam Till			10		
		-6.0			
Hard Gray Silty Loam Till (continued)					
			13		
			19	833	10
			28	S	
		-7.5			
			14	431	13
			12	P	
			12		
	183.65				
Hard Gray Blocky Weathered Shale					
		-9.0			
			7		
			13	383	21
			22	P	
		-10.5			
			10		
			31		19
			28		
	180.95				
Dense Gray & Reddish Brown Shale					
		-12.0			

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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Date 3/1/93

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SECTION 50-2HB-2 LOCATION South 12, SEC. 34, TWP. 34, RNG. 1, 3 PM

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-0026 (existing)
Station 19+978.931

BORING NO. 7 Pier 2
Station 19+987.871
Offset 1.98m Lt CL Med
Ground Surface Elev. 192.05 m

Surface Water Elev. ____ m
Stream Bed Elev. ____ m

Groundwater Elev.:
First Encounter ____ m
Upon Completion Plugged m
After ____ Hrs. ____ m

Description	Elev.	DEPTH (m)	BLOWS (/150 mm)	UCS Qu (kPa)	MOIST (%)
Dense Gray & Reddish Brown Shale (continued)			20		
			59		17
			76		
		-13.5			
			100/150mm		13
		-15.0			
	176.90		100/140mm		9
		-16.5			
		-18.0			

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 LOGS
F.A.I. RT. 80 - SEC. (50-2)HBR
LaSALLE COUNTY
STATION 62+39.22
STRUCTURE NO. 050-0230

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