STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAI 80	50 - 8HBR	LASALLE	143	86
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT-	

SHEET NO. 25
26 SHEETS

Contract # 66645

Illinois Department of Transportation
Division of Highways
District #3, Ottawa

SOIL BORING LOG

Page 2 of 2

Date 1/10/02

ROUTE FAI-80 / Plank Road DESCRIPTION P-92-063-01 Plank Road over I-80, 1.5 miles west of IL 251 LOGGED BY C. Jenkins

SECTION 50-8 HB-M LOCATION Peru Twp. - NE, SEC. 6, TWP. 33N, RNG. 1E

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. 050-0082
Station
BORING NO. B-2
Station 298+46
Offset 10.00ft Lt CL
Ground Surface Elev. 673.60 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft
Groundwater Elev.:
First Encounter 636.1 ft ▼
Upon Completion ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
DENSE gray SILTY CLAY TILL			18		
			24		10.0
	632.10		26		
DENSE gray SILTY CLAY TILL			15		
			20		10.0
	629.60		21		
		-45			
DENSE gray SILTY CLAY TILL			11		
			13		13.0
	627.10		18		
DENSE gray SILTY CLAY TILL			18		
			23		10.0
	624.60		25		
		-50			
DENSE gray SILTY CLAY TILL with SILTY CLAY lens			8		
			13		16.0
	622.10		18		
DENSE gray SILTY CLAY TILL			8		
			14		13.0
	619.60		18		
		-55			
DENSE gray SILTY CLAY TILL with SAND lens			22		
			39		9.0
	617.10		25		
DENSE gray SILTY CLAY TILL			25		
			36		9.0
	614.60		36		
		-60			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY DENSE gray SILTY CLAY TILL			40		
			100/7"		9.0
	612.10		PEN		
End of Boring					
		-65			
		-70			
		-75			
		-80			

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)

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Page 1 of 2

Date 1/11/02

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SECTION 50-8 HB-M LOCATION Peru Twp. - NE, SEC. 6, TWP. 33N, RNG. 1E

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE Diedrich Automatic

STRUCT. NO. 050-0082
Station
BORING NO. B-3
Station 300+72
Offset 22.00ft Lt CL
Ground Surface Elev. 654.20 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft
Groundwater Elev.:
First Encounter 631.7 ft ▼
Upon Completion 641.2 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Asphalt					
MEDIUM tan SAND & GRAVEL					
	651.70		2		
MEDIUM black SILTY CLAY			3	0.7	28.0
	650.20		5	P	
		-5			
MEDIUM gray/green SILTY CLAY			1		
			2	0.8	24.0
	647.70		3	B	
STIFF tan SILTY CLAY TILL			2		
			3	1.0	14.0
	645.20		4	B	
		-10			
STIFF tan SILTY CLAY TILL			2		
			2	1.1	12.0
			6	B	
	642.20				
STIFF gray/orange SILTY CLAY, mottled ▽			2		
			5	1.9	13.0
			7	B	
	639.70				
		-15			
STIFF gray SILTY CLAY TILL			4		
			6	1.7	9.0
	637.70		8	B	
STIFF gray SILTY CLAY with SAND lens			5		
			7	1.8	17.0
	635.20		9	B	
		-20			

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY STIFF mauve SANDY LOAM TILL			8		
			11	3.9	9.0
	632.70		16	B	
		▼			
DENSE gray SANDY LOAM TILL			17		
			20		10.0
	630.20		22		
		-25			
DENSE gray SANDY LOAM TILL			15		
			20		9.0
	627.70		23		
DENSE gray/brown SANDY LOAM TILL			19		
			20		13.0
	625.20		23		
		-30			
VERY DENSE dark gray CLAY TILL with SANDSTONE lenses			93/6"		
			PEN		16.0
	622.70		7/2"		
			PEN		
MEDIUM gray SILTY CLAY TILL			8		
			14		14.0
	620.20		16		
		-35			
MEDIUM gray SILTY CLAY TILL			21		
			14		11.0
	617.70		16		
VERY DENSE gray SILTY CLAY TILL			30		
			27		11.0
	615.20		30		
		-40			

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BBS, from 137 (Rev. 8-99)

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STRUCT. NO. 050-0082
Station
BORING NO. B-3
Station 300+72
Offset 22.00ft Lt CL
Ground Surface Elev. 654.20 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft
Groundwater Elev.:
First Encounter 631.7 ft ▼
Upon Completion 641.2 ft ▽
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
VERY DENSE gray SILTY CLAY TILL			65		
			28		8.0
	612.70		25		
VERY DENSE gray SILTY CLAY TILL			62/6"		
			PEN		7.0
	610.20		38/2"		
			PEN		
End of Boring					
		-45			
		-50			
		-55			
		-60			

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)

DESIGNED	- BHS
CHECKED	- BPS
DRAWN	- RRG
CHECKED	- GSP

BORING LOGS (2 OF 3)

PLANK ROAD OVER
FAI ROUTE 80 (I-80)
SECTION 50-8HBR
LASALLE COUNTY
STATION 3886+74.90
STRUCTURE NO. 050-0249

PLOT DATE = 2/3/2010
FILE NAME = G:\project\2054089.001\CADD\PLBR.BOR2.dgn
PLOT SCALE = N/A
USER NAME = 28sgerb

ENTRAN