STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOG

Illinois Department of Transportation
Division of Highways
Illinois Department of Transportation

Page 1 of 1

Date 8/26/04

ROUTE IL 178 Realignment DESCRIPTION New Canal Bridge LOGGED BY Larry Meyers

SECTION _____ LOCATION , SEC. 8, TWP. 33N, RNG. 2, 3rd PM

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-7201
Station _____

BORING NO. 3 North Abutment
Station 178+79.12
Offset 8.16ft Rt
Ground Surface Elev. 477.95 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion _____ ft
After ____ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augured Brown Sandy Loam and Brown Gravel Fill.	475.95				
Loose Brown Loamy Sand/Gravel Fill.			3		
			2		6.4
			3		
		-5	1		
			2		17.0
			3		
Tan Limestone Pieces with Interclay (Weathered Limestone Surface).	470.95		7		
			9		11.3
			100/3"		
	467.95	-10	100/5"		
Borehole continued with rock coring.		-15			
		-20			

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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Date 9/1/04

ROUTE IL 178 Realignment DESCRIPTION New Canal Bridge LOGGED BY Larry Meyers

SECTION _____ LOCATION , SEC. 8, TWP. 33N, RNG. 2, 3rd PM

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 050-7201
Station _____

BORING NO. 4 South Abutment
Station 179+73.76
Offset 5.80ft Rt
Ground Surface Elev. 472.37 ft

Surface Water Elev. _____ ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter _____ ft
Upon Completion _____ ft
After ____ Hrs. _____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Augured Black Sandy Loam.	469.87				
Medium Black Sandy Loam Fill.	469.37		2		
Stiff Black Sandy Clay Loam Fill.			2		
			3	1.8	19.1
	467.87			P	
Limestone and Sandstone Pieces with Interclay (Weathered Rock Surface).		-5	66		
			96		4.3
			100/4"		
	464.37		90		
Borehole continued with rock coring.			100/5"		
		-10			
		-15			
		-20			

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
STRUCTURE NO. 050-0250

DESIGNED	CMF
CHECKED	TMM
DRAWN	RNH
CHECKED	TMM

McDonough-Whitlow, P.C.
Consulting Engineers & Land Surveyors
138 East Wood Street
Hillsboro, IL 62049
Phone: 217.532.9233
Fax: 217.532.6300
PROFESSIONAL DESIGN No. 184-002754

SHEET NO. 19
20 SHEETS

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
1279	6R, B	LASALLE	190	121
		CONTRACT NO.		66547
FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		