

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



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

SOIL BORING LOG

Page 1 of 1

Date 6/10/07

ROUTE FAP 623 (US 6) DESCRIPTION IL 6 over Drainage Ditch, 3.6 miles West of IL 170 LOGGED BY Larry Myers

SECTION (H)I-1 LOCATION NE 1/4, SEC. 20, TWP. 33N, RNG. 05E, 3rd PM

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H ft	B L O W S Qu	U C S tsf	M O I S T %	Description	D E P T H ft	B L O W S Qu	U C S tsf	M O I S T %
050-2595 (Exist.) 378+72 (Exist.)									
BORING NO. 1 (S.E. Quad.) Station 378+92 Offset 14.00ft Rt Ground Surface Elev. 532.05 ft									
					Augered, Shoulder Stone, Sand & Gravel, Millings, and brown, Sandy Clay Loam-fill		100/5'		18.5
					529.55				
					Soft, brown, Sandy Clay Loam-fill		100/5'		19.3
					1 rock in shoe				
					527.05				
					Very stiff, brown gray, Silty Clay with Silt pockets				
					525.05				
					Stiff, brown gray, Clay Loam				
					522.55				
					Soft to medium, gray brown, Clay Loam to Loam				
					519.55				
					Loose, brown, loamy, fine, Sand to coarse, Gravel with layers and pockets of very loamy, Clay Loam to Sandy Loam				
					517.05				
					Free water at 12.5'				
					Very dense, greenish gray brown, highly weathered and reworked, silty, micaceous, Shale- borderline Siltstone				
					515.05				
					Very dense, gray black, highly weathered and reworked, silty, micaceous, Shale with large pieces of gray, micaceous Sandstone to Siltstone- Coal seams at 22.5'				

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	LM
CHECKED	GBC / SMK
DRAWN	LM
CHECKED	GBC / SMK



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SOIL BORING LOG

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Date 4/29/08

ROUTE FAP 623 (US 6) DESCRIPTION IL 6 over Drainage Ditch, 3.6 miles West of IL 170 LOGGED BY Larry Myers

SECTION (H)I-1 LOCATION NE 1/4, SEC. 20, TWP. 33N, RNG. 05E, 3rd PM

COUNTY LaSalle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. Station	D E P T H ft	B L O W S Qu	U C S tsf	M O I S T %	Description	D E P T H ft	B L O W S Qu	U C S tsf	M O I S T %
050-2595 (Exist.) 378+72 (Exist.)									
BORING NO. 2 (N.W. Quad.) Station 378+49 Offset 13.00ft Lt Ground Surface Elev. 532.05 ft									
					Augered white shoulder stone, Brown Sand & Gravel, Black Sandy Loam Fill				
					529.55				
					Very Stiff Black/Brown Sandy Loam, Silty Loam, Clay Loam Fill				
					527.05				
					Very Stiff Black Silty Clay/Clay (Topsoil?)				
					524.55				
					Very Stiff Gray/Brown Silty Clay with Silt/Sand pockets				
					522.55				
					Medium Gray Sandy Loam/Loam (Alluvial Back water)				
					518.55				
					Dense Brown/Green Fine Sand & Silt with Layers of Coal, Some Consolidated Sand Stone Layers, Reworked Sand Stone & Micaceous Shale				
					517.55				
					Very Dense Gray Micaceous Shale with Very thin Gray Sand Stone seams				
					515.55				
					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)

**SOIL BORING LOGS
US ROUTE 6 OVER UNNAMED
TRIBUTARY TO THE ILLINOIS RIVER
STRUCTURE NO. 050-2643**

SHEET NO. 4	F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	623	(H)I-1	LASALLE	25	17
OF 4 SHEETS	CONTRACT NO. 66914				
	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



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