STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SHEET #10 OF 11 SHEETS	ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	FAS 203	11BR-1	WHITESIDE & ROCK ISLAND	21	43
	FED. ROAD DIST. NO. 3	ILLINOIS	FED. AID PROJECT-		

CONTRACT #64939

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

Page 1 of 2

Date 1/8/04

ROUTE Old Moline Road DESCRIPTION P92-090-03 Old Moline Road over Meredosia Ditch, east of Hillsdale Bridge LOGGED BY W. Garza

SECTION LOCATION Erie Twp. - NW, SEC. 21, TWP. 19N, RNG. 3E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-45

STRUCT. NO.
Station 977+01

BORING NO. B-1
Station 9764+45
Offset 18.00ft Rt CL
Ground Surface Elev. 98.5 ft

Surface Water Elev. Ice ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 84.0 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
MEDIUM brown SILTY CLAY LOAM	96.50			0.5 P	14
STIFF gray SILTY LOAM	95.00		4 5 5	1.2 B	27
STIFF gray SILTY CLAY LOAM	92.50	-5	2 3 3	1.5 P	25
MEDIUM gray dark SILTY CLAY LOAM with SAND lens with 8% ORGANICS	90.00		2 2 1	0.5 B	48
MEDIUM dark gray SILTY CLAY LOAM with SAND lens and ORGANICS	87.50	-10	1 1 2	0.6 B	36
SOFT gray SILTY CLAY with ORGANICS	84.50		1 1 1	0.3 B	35
LOOSE gray clean SAND	82.50	-15 ▼	0 4 4		
LOOSE gray clean fine SAND	80.00	-20	2 2 4		
Begin Wash LOOSE gray clean medium SAND (continued)	77.50		2 4 4		
LOOSE gray clean medium SAND	75.00		3 3 6		
Wash MEDIUM gray clean medium SAND	72.50	-25	3 2 9		
Wash MEDIUM gray clean medium SAND & GRAVEL	70.00		7 8 13		
Wash MEDIUM gray clean medium SAND	67.50	-30	3 8 12		
Wash VERY DENSE tan weathered LIMESTONE	65.00		5 79 37		
Wash VERY DENSE tan LIMESTONE	62.50	-35	00/3" PEN		
Wash VERY DENSE tan LIMESTONE	60.00		00/1" PEN		
		-40			

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
Division of Highways
IDOT

SOIL BORING LOG

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Date 1/8/04

ROUTE Old Moline Road DESCRIPTION P92-090-03 Old Moline Road over Meredosia Ditch, east of Hillsdale Bridge LOGGED BY W. Garza

SECTION LOCATION Erie Twp. - NW, SEC. 21, TWP. 19N, RNG. 3E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-45

STRUCT. NO.
Station 977+01

BORING NO. B-1
Station 9764+45
Offset 18.00ft Rt CL
Ground Surface Elev. 98.5 ft

Surface Water Elev. Ice ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 84.0 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
LIMESTONE 53" Recovery 4 pieces over 4" long 88% Recover 27/60 24 min. (continued)	54.00				
LIMESTONE full recovery 1 piece over 4" long 100% 6/60 30 min.	49.00	-45			
End of Boring		-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)

Illinois Department of Transportation
Division of Highways
IDOT

SOIL BORING LOG

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Date 1/9/04

ROUTE Old Moline Road DESCRIPTION P92-090-03 Old Moline Road over Meredosia Ditch, east of Hillsdale Bridge LOGGED BY W. Garza

SECTION LOCATION Erie Twp. - NW, SEC. 21, TWP. 19N, RNG. 3E

COUNTY Whiteside DRILLING METHOD Hollow Stem Auger HAMMER TYPE B-45

STRUCT. NO.
Station 977+21

BORING NO. B-2
Station 978+00
Offset 6.00ft Lt CL
Ground Surface Elev. 98.8 ft

Surface Water Elev. 11.0 ft
Stream Bed Elev. 12.0 ft

Groundwater Elev.:
First Encounter 83.5 ft ▼
Upon Completion Wash ft
After Hrs. ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
12" Asphalt & Concrete STIFF gray SILTY CLAY LOAM	96.80			1.5 P	21
STIFF gray SILTY CLAY LOAM	95.30		3 3 3	1.5 B	23
STIFF dark gray SILTY CLAY LOAM	92.80	-5	2 3 2	1.7 B	30
MEDIUM gray SILTY CLAY LOAM	90.30		1 2 2	0.7 B	29
SOFT gray SILTY CLAY with ORGANICS	87.80	-10	2 1 2	0.3 B	37
MEDIUM dark gray SILTY LOAM with SAND lens and 17% ORGANICS	84.80		1 2 2	0.8 B	91
VERY LOOSE gray dirty fine SAND	82.80	-15 ▼	1 2 2		
LOOSE gray dirty fine SAND	80.30		1 2 4		
LOOSE gray medium clean SAND		-20			
LOOSE gray medium clean SAND (continued)	77.80		1 1 3		
Wash MEDIUM gray clean SAND	75.30		4 4 6		
MEDIUM gray clean medium SAND	72.80	-25	2 6 9		
Wash MEDIUM gray SAND & GRAVEL	70.30		10 11 15		
Wash MEDIUM gray clean medium SAND	67.80	-30	2 5 10		
Wash MEDIUM gray clean medium SAND	65.30		7 7 9		
Wash MEDIUM gray clean medium SAND	62.80	-35	5 8 9		
Wash MEDIUM gray clean SAND & GRAVEL	60.30		9 10 8		
		-40			

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	KCM
CHECKED	TMM
DRAWN	JLM
CHECKED	TMM

BORING LOGS
FAS ROUTE 203 (MOLINE ROAD)
OVER MEREDOSIA DITCH
SECTION 11BR-1
STA. 428+20.80
WHITESIDE & ROCK ISLAND COUNTIES
SN 098-0111