

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sheet No. 11
of 11 Sheets

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAS 1197	105BR-2	WHITESIDE	59	26
FED. ROAD DIST. NO.	ILLINOIS	PROJECT		

CONTRACT 64421

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials - NE 12 - T20N, R5E
Lyndon Twp.

Units English
Bridge Foundation
Boring Log

PROJECT BRIDGE over ditch 3 miles Date 07/20/99 Sh. 1 of 2
ROUTE Old Moline Road east of Lyndon Bored By C. Jenkins
SEC. 105 B-Y STA. 229 + 82 Checked By T. Bratt

COUNTY Whiteside

DEPTH	DESCRIPTION	Surf Wat El.	Grndwater El.	At Compl. Wash	At	Hrs	N	Qu	W	%
0	Ground Surface 22.5									
0.8	MEDIUM brown SILTY CLAY	22.2					4	0.3	26	
1.5	MEDIUM brown SANDY LOAM with GRAVEL						4	U.4	30	
2.5	MEDIUM brown SAND & GRAVEL						2	U.4	28	
3.5	LOOSE brown SAND & GRAVEL						2	U.6	29	
4.5	1/2" gray SAND & SILT with a SILT lens						1.6			
5.5	First Encounter - LOOSE brown SAND & GRAVEL						1.6			
6.5	MEDIUM tan SAND & GRAVEL						1.1	U.7	35	
7.5	DENSE tan SAND & GRAVEL						1.0	1.3	20	
8.5	DENSE gray SAND & GRAVEL						1.0			

1-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear S-Estimated Penetrometer)

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District Two Materials - NE 12 - T20N, R5E
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PROJECT BRIDGE over ditch 3 miles Date 07/20/99 Sh. 1 of 2
ROUTE Old Moline Road east of Lyndon Bored By C. Jenkins
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COUNTY Whiteside

DEPTH	DESCRIPTION	Surf Wat El.	Grndwater El.	At Compl. Wash	At	Hrs	N	Qu	W	%
0	Ground Surface 22.3									
0.8	MEDIUM brown SILTY LOAM	22.2					4	0.7	15	
1.5	MEDIUM brown SILTY LOAM with GRAVEL						4	U.4	18	
2.5	SOFT brown SANDY LOAM with GRAVEL						4	U.4	18	
3.5	LOOSE tan SAND & GRAVEL						4	U.4	18	
4.5	First Encounter - tan SAND & SILT						1.6			
5.5	MEDIUM gray/black SILTY LOAM						1.6	U.6	30	
6.5	VERY LOOSE brown SAND & GRAVEL						1.0	U.3	28	
7.5	MEDIUM tan SAND & GRAVEL						1.1	U.7	35	
8.5	DENSE tan SAND & GRAVEL						1.0	1.3	20	
9.5	Same as above						1.0			

1-Std Penetr Test: 2" OD Sampler, 140# Hammer, 30" Fall (Type Fall, B-Bulge S-Shear S-Estimated Penetrometer)

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials - NE 12 - T20N, R5E
Lyndon Twp.

Rock Core Description

PROJECT BRIDGE over ditch 3 miles Date 07/20/99 Sh. 2 of 2
ROUTE Old Moline Road east of Lyndon Bored By C. Jenkins
SEC. 105 B-Y STA. 229 + 82 Checked By T. Bratt

COUNTY Whiteside

Boring No. B-2
Sta 230 + 12
O/S 14' RE CL

Ground Surface Elevation 22.3
Rock Surface Elevation 22.8
Begin Coring Elevation 45.3

From	To	DESCRIPTION	CORE Notes
45.3	40.3	Dolomite: yellow-tan, massively bedded, porous, with minor sand size solution cavities.	Core Run #1 Begin Elev.: 45.3 End Elev.: 40.3 Recovery=5'/5'= 100% RQD= 2.8' / 5' = 56%
4	35.3	Dolomite: yellow-tan, as above.	Core Run #2 Begin Elev.: 35.3 End Elev.: 30.3 Recovery=5'/5'= 100% RQD= 3.4' / 5' = 68%

Units English
Project
Route Old Moline Road
Sec. 105 B-Y
County Whiteside

Sh. 2 of 2

Boring No. B-1
Sta 229 + 51
O/S 13' RE CL

DEPTH	DESCRIPTION	EL.	N	Qu	W	%
-45	VERY DENSE white weathered LIMESTONE	16		100/5"	PEN	
-50	UGER REFUSAL @ 49'					
-55						
-60						
-65						
-70						

Units English
Project
Route Old Moline Road
Sec. 105 B-Y
County Whiteside

Sh. 2 of 2

Boring No. B-2
Sta 230 + 12
O/S 14' RE CL

DEPTH	DESCRIPTION	EL.	N	Qu	W	%
-45	LOOSE tan/gray SAND & GRAVEL	1				
-50	ERY DENSE yellow weathered LIMESTONE with blue CLAY lens	18		100/4"	PEN	
-55	ERY DENSE yellow weathered LIMESTONE	100/4"		PEN		
-60	15' Refusal @ 54'					
-65	12' Core Run Recovery					
-70	ite DOLOMITE					

REVISIONS		SOIL BORING LOGS		DRAWN BY DATE	
1	DATE	INITIALS	MOLINE ROAD OVER UNNAMED TRIBUTARY TO ROCK RIVER		R King 8/04
2			FAS ROUTE 1197 SECTION 105BR-2		CWV 8/04
3			STA 229+67.50 WHITESIDE COUNTY		SAVC BY DATE CWC 8/04
4			HOMER L. CHASTAIN & ASSOCIATES, LLP		BOOK NUMBER
5			CONSULTING ENGINEERS		PROJECT No. 4858-3
6			184-001397		SHEET No.