

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Sheet No. 7
of 7 Sheets

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
FAP 599	*	ROCK ISLAND	50	41
FEDERAL DIST. NO.		ILLINOIS PROJECT		
*42 MFT-BR		CONTRACT NO. 64641		

Illinois Department of Transportation
Bridge Foundation Boring Log

Andalusia Twp. - Sec. 27 - T17N, R3W
Elev. @ Center of Structure - 100.0
PROJECT BRIDGE 081-0075 Date 07/07/94 Sh. 1 of 1
ROUTE SA 9 Ditch on the east edge of Andalusia Bored By J. Twardowski
SEC. 42 MFT STA. 408 + 35 Checked By T. Bratt

COUNTY Rock Island

D	E	N	Qu	W	At	Hrs	D	E	N	Qu	W	At	Hrs
Surf Wat El.	91.5												
Groundwater El. at Compl.													

Boring No. B-1
Sta 408 + 34
O/S 11' Rt

Ground Surface 93.9
MEDIUM dark brown SILTY CLAY LOAM 0.6 14
MEDIUM dark brown SILTY CLAY LOAM 2 0.6 13
MEDIUM brown SILTY CLAY LOAM 2 0.6 19
VERY SOFT brown SANDY LOAM 3 0.2 15
Streambed Elev. - 91.7
First Encounter SOFT dark gray SILTY CLAY w/SAND lens 1 0.3 23
VERY DENSE light gray SHALE 100 - 1' pent

END OF BORING - AUGER REFUSAL

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

Illinois Department of Transportation
SOIL BORING LOG

Andalusia Twp. - NE 1/4 SEC. 27, T17N, R3W, W
PROJECT P92-169-00 IL 92 over ditch, east city limits of Andalusia Date 8/27/01
ROUTE FAP 599 DESCRIPTION P92-169-00 IL 92 over ditch, east city limits of Andalusia LOGGED BY C. Jenkins
SECTION 42MFT-1 LOCATION Andalusia Twp. - NE 1/4 SEC. 27, T17N, R3W, W
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 081-0075
Station 408+35
Boring No. B-1a
Station 408+35
Offset 10.00ft Lt Cl
Ground Surface Elev. 93.2 ft

U	M	S	L	C	O	D	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev. First Encounter Upon Completion After
0.6	11						90.7 ft	90.5 ft	None ft
2	5	6.8	13						
2	3	5							
2	3	5							
2	4								
2	4								
2	4								
2	4								
2	4								

Auger Refusal
End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by @-Bulge, S-Shear, P-Penetrometer
The SPT (N) value is the sum of the last two blow values in each sampling zone (ASTM D206) 685, from 137 Rev. 8-99

Illinois Department of Transportation
SOIL BORING LOG

Andalusia Twp. - Sec. 27 - T17N, R3W
Elev. @ Center of Structure - 100.0
PROJECT BRIDGE 081-0075 Date 07/07/94 Sh. 1 of 1
ROUTE SA 9 Ditch on the east edge of Andalusia Bored By J. Twardowski
SEC. 42 MFT STA. 408 + 35 Checked By T. Bratt

COUNTY Rock Island

D	E	N	Qu	W	At	Hrs	D	E	N	Qu	W	At	Hrs
Surf Wat El.	91.5												
Groundwater El. at Compl.	92.2												

Boring No. B-2
Sta 408 + 38
O/S 13' Rt

Ground Surface 100.4
SOFT dark brown SILTY CLAY LOAM 0.5 12
MEDIUM dark brown SANDY LOAM 5 1.0 11
Same as above 3 0.7 14
VERY SOFT dark brown SANDY LOAM 3 0.2 14
Streambed Elev. - 91.2
VERY DENSE dark gray SHALE 9 21 80
VERY DENSE dark gray SHALE 100 - 1' pent

END OF BORING - AUGER REFUSAL

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

Illinois Department of Transportation
SOIL BORING LOG

Andalusia Twp. - NE 1/4 SEC. 27, T17N, R3W, W
PROJECT P92-169-00 IL 92 over ditch, east city limits of Andalusia Date 8/27/01
ROUTE FAP 599 DESCRIPTION P92-169-00 IL 92 over ditch, east city limits of Andalusia LOGGED BY C. Jenkins
SECTION 42MFT-1 LOCATION Andalusia Twp. - NE 1/4 SEC. 27, T17N, R3W, W
COUNTY Rock Island DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME Automatic

STRUCT. NO. 081-0075
Station 408+35
Boring No. B-2a
Station 408+35
Offset 13.00ft Lt Cl
Ground Surface Elev. 93.4 ft

U	M	S	L	C	O	D	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev. First Encounter Upon Completion After
0.6	11						90.7 ft	90.5 ft	None ft
2	5	6.8	13						
2	3	5							
2	3	5							
2	4								
2	4								
2	4								
2	4								
2	4								

Auger Refusal
End of Boring

The Unconfined Compressive Strength (UCS) Failure Mode is Indicated by @-Bulge, S-Shear, P-Penetrometer
The SPT (N) value is the sum of the last two blow values in each sampling zone (ASTM D206) 685, from 137 Rev. 8-99

NOTE:
The elevation datum on boring logs 100.00 = Elev 573.2 on plans.

ILLINOIS ROUTE 92 OVER AN UNNAMED DITCH

SOIL BORING LOGS

REVISIONS	DATE	INITIALS	DATE	BY
1			2/05	R King
2			2/05	BWP
3			2/05	CWC

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS

FAP ROUTE 599 SECTION 42 MFT-BR
SN 081-1009

STA 408+41.00 ROCK ISLAND COUNTY

HOMER L. CHASTAIN & ASSOCIATES, LLP
CONSULTING ENGINEERS
184-001397

PROJECT No. 4858-4
SHEET No.