F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
770	(116,115)RS-2 &114RS-3	SHELBY & MOULTRIE	77	44
STA. N/A		TO STA. N/A		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 90773

Illinois Department of Transportation
Division of Highways
IDOT - Dist 5

SOIL BORING LOG

Page 1 of

Date 2/23/00

ROUTE FAP 770 (IL 128) DESCRIPTION 5.25 Miles South of Dalton City LOGGED BY DAS

SECTION 116(BR-4,BR-5) & 115BR-2 LOCATION NW, SEC. 30, TWP. 14N, RNG. 4E, 3rd PM

COUNTY Moultrie DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 070-2015 (Prop.)
Station 833+59.00

BORING NO. 1 West End
Station 833+42.88
Offset 15.0 ft Lt.
Ground Surface Elev. 673.30 ft

Surface Water Elev. 662.50 ft
Stream Bed Elev. 662.30 ft

Groundwater Elev.:
First Encounter 645.3 ft ▼
Upon Completion ft
After Hrs. ft

DEPTH (ft)	BLOWS (/12")	UCS Qu (tsf)	MOIST (%)
Mixed Black Clay Loam (Backfill)			
	6	1.0 E	
-5			
	6	1.0 E	
-10			
662.3			
Black Clay Loam			
	5	0.4 B	24
660.3			
Brown Mottled Silty Clay Loam			
	8	2.9 B	16
-15			
657.3			
Gray Silty Clay			
	14	3.5 S	21
	12	2.6 S	13
-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Silty Clay *(continued)*			
652.3			
Gray Clay Loam Till			
	16	4.8 B	12
	24	4.8 B	12
Coarse Gray Sand Seam -25			
Free Water ▼			
	14	3.9 B	14
643.3 -30			
End of Boring			
-35			
-40			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, E-Estimate)
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 - Dist 5

SOIL BORING LOG

Page 1 of 1

Date 2/23/00

ROUTE FAP 770 (IL 128) DESCRIPTION 5.25 Miles South of Dalton City LOGGED BY DAS

SECTION 116(BR-4,BR-5) & 115BR-2 LOCATION NW, SEC. 30, TWP. 14N, RNG. 4E, 3rd PM

COUNTY Moultrie DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. 070-2015 (Prop.)
Station 833+59.00

BORING NO. 2 East End
Station 833+76.02
Offset 15.2 ft Rt.
Ground Surface Elev. 673.50 ft

Surface Water Elev. 662.50 ft
Stream Bed Elev. 662.30 ft

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

DEPTH (ft)	BLOWS (/12")	UCS Qu (tsf)	MOIST (%)
Mixed Black & Brown Clay Loam Backfill			
	9	1.2 E	
-5			
668.0			
Black Clay Loam			
	7	1.0 B	
-10			
	7	1.0 E	31
660.5			
Brown Gray Mottled Clay Loam Till			
	11	4.6 B	12
-15			
657.5			
Gray Clay Loam Till			
	21	5.0 B	14
	18	6.3 B	12
-20			

DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Clay Loam Till *(continued)*			
	20	5.2 B	11
648.5 -25			
End of Boring			
-30			
-35			
-40			

An assumed centerline elevation of 100.00 and station of 10+00 is used when this information is not available.

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, E-Estimate)
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

Date	Designed	ILL. RTE. 128 OVER TRIB. TO BRUSH CREEK	Sheet No.
Revisions	Drawn	STR. NO. 070-2015	6 of 6
	Checked	STA. 833+59.00	
	Approved		