CONTRACT #91292

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-01-PV	COLES	157	102
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Sheet 19 of 21 Sheets

Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 11/21/02

ROUTE F.A.I. RTE 57 DESCRIPTION US 45 Grade Separation Structure LOGGED BY CNA

SECTION 99-00124-00-PV LOCATION NW SEC. 6 TWP. 12N RNG. 8E 3rd PM

COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. ____
Station ____

BORING NO. 1 E. Abut.
Station 123+56
Offset 14.0 ft. Rt.
Ground Surface Elev. 697.1 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter 662.1 ft ▼
Upon Completion Wash Bore ft
After Hrs ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Dark Gray Mottled Silty Clay			3		
			3	2.3	27
	692.1	-5	5	B	
Brown Mottled Silty Clay			2		
			3	1.2	30
	689.1		2	B	
Brown Mottled Sandy Clay Loam			1		
			1	1.2	8
	687.1	-10	3	B	
Brown Sandy Loam Till			3		
	685.1		4	4.1	14
Gray Sandy Loam Till			5	B	
			1		
			2	1.6	14
		-15	4	B	
			1		
			2	1.7	14
			4	B	
			1		
			3	1.7	14
		-20	4	B	
Gray Sandy Clay Loam Till (continued)			1		
			3	1.2	15
		-25	5	B	
			1		
			4	1.7	14
		-30	5	B	
			2		
			4	1.9	14
		▼ -35	5	B	
			2		
			4	2.5	13
		-40	7	B	

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 137 (3/01)

Illinois Department of Transportation

SOIL BORING LOG

Page 2 of 2

Date 11/21/02

ROUTE F.A.I. RTE 57 DESCRIPTION US 45 Grade Separation Structure LOGGED BY CNA

SECTION 99-00124-00-PV LOCATION NW SEC. 6 TWP. 12N RNG. 8E 3rd PM

COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO. ____
Station ____

BORING NO. 1 E. Abut.
Station 123+56
Offset 14.0 ft. Rt.
Ground Surface Elev. 697.1 ft

Surface Water Elev. ____ ft
Stream Bed Elev. ____ ft

Groundwater Elev.:
First Encounter 662.1 ft ▼
Upon Completion Wash Bore ft
After Hrs ____ ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy Clay Loam Till (continued)			5		
			7	6.2	13
		-45	15	B	
	651.1				
Gray Silt & Fine Sand			1		
			2		
		-50	7		
	646.1				
Gray Clay Loam Till			4		
			5	1.4	21
		-55	7	B	
			3		
			4	2.5	21
End of Boring	637.1	-60	5	B	
		-65			
		-70			
		-75			
		-80			

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 137 (3/01)

THE UPCHURCH GROUP
HILLSIDE, IL. (708) 449-2321
MATTOON, IL. (217) 235-3177

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS - 1
CH 18 OVER US 45 AND CN/IC RR
FAS 642 SECTION 99-00124-01-PV
COLES COUNTY
STA. 121+87.25 STR. No. 015-3400

SCALE: N.T.S. DRAWN BY JAU
DATE: 1-21-2004 CHECKED BY MJS