CONTRACT #91292

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
642	99-00124-01-PV	COLES	157	104
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

Sheet 21 of 21 Sheets

Illinois Department of Transportation

SOIL BORING LOG

Page 1 of 2

Date 11/25/02

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. 2 W. Abut.
Station 120+25
Offset .00 ft. Lt.
Ground Surface Elev. 696.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 673.5 ft ▼
Upon Completion ft
After Hrs ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray/Brown Sandy Clay			4		
			3	1.3	29
		-5	5	B	
	690.5				
BrownSandy Clay Loam			3		
			4	2.9	17
			5	B	
			2		
			5	2.7	14
	686.5	-10	7	B	
Brown Sandy Loam Till					
			2		
			4	3.9	12
	684.0		6	B	
Gray Sandy Clay Loam					
			2		
			4	3.1	13
		-15	6	B	
			1		
			3	2.5	13
		-20	5	B	
Gray Sandy Clay Loam (continued)					
	674.5				
Gray Silty Clay Loam					
			2		
			5	2.7	15
		-25	4	B	
			3		
			6	2.9	
		-30	8	E	
			1		
			3	1.2	13
		-35	3	B	
	660.5				
Gray Sandy Clay Loam (Till)			6		
			12	10.7	10
		-40	16	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 11/25/02

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. 2 W. Abut.
Station 120+25
Offset 0.0 ft. Lt.
Ground Surface Elev. 696.5 ft

Surface Water Elev. ft
Stream Bed Elev. ft

Groundwater Elev.:
First Encounter 673.5 ft ▼
Upon Completion ft
After Hrs ft

Description	Elev.	DEPTH (ft)	BLOWS (/6")	UCS Qu (tsf)	MOIST (%)
Gray Sandy Clay Loam (Till) (continued)			3		
		-45	5	2.6	13
			7	B	
	649.5				
Gray Fine Sand & Silt & Dark Brown Silty Clay (Organic)			2		
			4		21
		-50	10		
			5		
			9		58
	646.1	-55	10		
Gray Clay Loam			2		
			3	2.5	23
		-60	4	B	
Gray Clay Loam (continued)					
	634.5				
Gray Silty Clay			4		
			8	2.8	18
		-65	12	S	
End of Boring					
		-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 - 3
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