PAGE 258 NOT USED

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
F.A.P. 331	(12-1) B-1	JACKSON	258	257
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT-		

SHEET NO. 32
32 SHEETS

Contract #98827

Illinois Department of Transportation
Division of Highways
District Nine Materials

SOIL BORING LOG

Page 4 of 5

Date 3/23/00

FAP ROUTE 13) over Little Crab DESCRIPTION FAP 331 (IL 13) over Little Crab Orchard Ck LOGGED BY Bryan Keller

SECTION (12-1)B-1 LOCATION Near WCL Carbondale, SEC., TWP. 9S, RNG. 1W, 3 PM

COUNTY Jackson DRILLING METHOD _____ HAMMER TYPE _____

STRUCT. NO. 039-0016 (WB), 039-0017 (EB)
Station 57+95.26

BORING NO. 2-S
Station 58+35
Offset 1.00ft Lt CL median
Ground Surface Elev. 405 ft

Surface Water Elev. 388.2 ft
Stream Bed Elev. _____ ft

Groundwater Elev.:
First Encounter 22.0 ft
Upon Completion 24.0 ft
After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)	DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Stiff, moist, grey, Clay A7-6 with Sand seams (continued)	4 8	1.1 B	37	Very dense, moist, grey, Fine to Coarse Sand and Gravel with Coal layer (continued)	100/11"		23
-125				-145			
				257.50 Hard, dry, grey, Clay Shale			
275.50 Dense, moist, grey, Fine Silty Sand	13			-150	100/2"		
-130	19		22				
	28						
-135				-155			
				Note: Equipment breakdown prevented further drilling			
				246.50			
265.50							
-140	25			-160			

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, form 137 (Rev. 8-99)

Illinois Department of Transportation
Division of Highways
District Nine Materials

SOIL BORING LOG

Page 5 of 5

Date 3/23/00

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After _____ Hrs. _____ ft

DEPTH (ft)	BLOWS (6")	UCS Qu (tsf)	MOIST (%)
Bottom of hole=158.5 feet Free water observed at 22.0 feet Washout procedures used from 56.0 to 59.5 feet Elevation referenced to USGS B 291, 1981 Elevation=405.45' Note: To convert "N" values to "N60", multiply by 1.25			
-165			
-170			
-175			
-180			

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, form 137 (Rev. 8-99)

SOIL BORING LOGS
F.A.P. ROUTE 331 - SEC. (12-1)B-1
JACKSON COUNTY
STATION 57+91.70
STRUCTURE NO. 039-0071

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