

ROUTE NO.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
C.H. 18		COLES	229	133
FED. ROAD DIST. NO. 7	ILLINOIS	FED. AID PROJECT		

*99-00124-02-PV



SOIL BORING LOG

Page 1 of 2

ROUTE F.A.I. Route 57 DESCRIPTION I-57/CH 18 Interchange LOGGED BY CNA
 SECTION 99-00124-00-PV LOCATION SW, SEC. 33, TWP. 13N, RNG. 8E, 3rd PM
 COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DEPTH (ft)	BULGE (ft)	UCS (tsf)	Failure Mode	Groundwater Elev. (ft)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	DESCRIPTION	DEPTH (ft)	BULGE (ft)	UCS (tsf)	Failure Mode	
3 West Abut. Station 248+25 Offset 9.0 ft L.L. Ground Surface Elev. 686.20 ft	686.20	0							Gray Clay Loam Till (continued)	0				
		1									1			
		2									2			
		3									3	3.5	11	
		4									4			
		5									5			
		6									6			
		7									7			
		8									8			
		9									9			
10									10					
Brown Mottled Sandy Clay Loam to Loam	686.20	11							Gray Coarse Sand Seam	11				
		12								12				
		13								13				
		14								14				
Brown Dirty Medium Sand & Gravel	681.2	15								15				
		16								16				
		17								17				
		18								18				
Brown Oxidized Moderately Sorted Fine Sand	676.2	19								19				
		20								20				
		21								21				
		22								22				
Gray Clay Loam Till	671.2	23								23				
		24								24				
		25								25				
		26								26				
Gray Sand Clay Loam Till	654.2	27								27				
		28								28				
		29								29				
		30								30				
Gray Moderately Sorted Medium Sand	649.2	31								31				
		32								32				
		33								33				
		34								34				
Gray Moderately Sorted Course Sand	647.2	35								35				
		36								36				
		37								37				
		38								38				

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 T208)
 BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

Page 2 of 2

ROUTE F.A.I. Route 57 DESCRIPTION I-57/CH 18 Interchange LOGGED BY CNA
 SECTION 99-00124-00-PV LOCATION SW, SEC. 33, TWP. 13N, RNG. 8E, 3rd PM
 COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DEPTH (ft)	BULGE (ft)	UCS (tsf)	Failure Mode	Groundwater Elev. (ft)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	DESCRIPTION	DEPTH (ft)	BULGE (ft)	UCS (tsf)	Failure Mode	
3 West Abut. Station 248+25 Offset 9.0 ft L.L. Ground Surface Elev. 686.20 ft	686.20	39							Gray Moderately Sorted Course Sand (continued)	39				
		40								40				
		41									41			
		42									42			
Brown Fine Peat (Farmdale Soil)	638.2	43								43				
		44								44				
		45									45			
		46									46			
Green Gray Sandy Clay Loam Till	634.2	47								47				
		48								48				
		49									49			
		50									50			
Gray Weathered Shale (Mattoon Formation)	628.2	51								51				
		52								52				
		53									53			
		54									54			

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)
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SOIL BORING LOG

Page 1 of 2

ROUTE F.A.I. Route 57 DESCRIPTION I-57/CH 18 Interchange LOGGED BY CNA
 SECTION 99-00124-00-PV LOCATION SE, SEC. 33, TWP. 13N, RNG. 8E, 3rd PM
 COUNTY Coles DRILLING METHOD Hollow Stem Auger HAMMER TYPE Automatic

STRUCT. NO.	Station	DEPTH (ft)	BULGE (ft)	UCS (tsf)	Failure Mode	Groundwater Elev. (ft)	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	DESCRIPTION	DEPTH (ft)	BULGE (ft)	UCS (tsf)	Failure Mode	
2 Center Pier Station 249+25 Offset 9.0 ft L.L. Ground Surface Elev. 883.30 ft	883.30	55							Gray Sandy Clay Loam Till (continued)	55				
		56								56				
		57									57			
		58									58			
Brown Silty Clay	678.3	59								59				
		60								60				
		61									61			
		62									62			
Brown Mottled Sandy Clay Loam	673.3	63								63				
		64								64				
		65									65			
		66									66			
Brown Sandy Clay Loam Till	670.3	67								67				
		68								68				
		69									69			
		70									70			
Gray Sandy Clay Loam Till	649.3	71								71				
		72								72				
		73									73			
		74									74			

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 T208)
 BBS, from 137 (Rev. 8-99)

Boring continued on next sheet.

Corporate License Number 184-001-084

BORINGS
 COUNTY HIGHWAY 18 OVER F.A.I. RTE. 57
 SECTION 99-00124-02-PV
 COLES COUNTY
 STATION 249+25.29
 STRUCTURE NUMBER 015-0073

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JOB# 97S2028B

DATE: 05/27/03

1:57 DOBSYR 202205 StrucV.57 BrldgBrdg.dgn
 9/7/2005

LAYOUT	MM	03/24/03
DRAWN	DAP	03/25/03
REVIEWED	JWM	05/12/03