

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
7622	06-00085-00-BR	COLES	16	14
STA. 14+00	TO STA. 15+80			
FED. ROAD DIST. NO. ILLINOIS FED. AID PROJECT				

**HOLCOMB FOUNDATION ENGINEERING INC.**  
 P.O. Box 88 618-529-5262  
 Carbondale, Il. 62903 618-457-8991 fax

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**Bridge Foundation Boring Log**

Project: H-06298 Bridge Jackson Avenue Bridge Date: 12/07/06  
 Section: Station \_\_\_\_\_ Bored by: D. Russell  
 Route: \_\_\_\_\_ Checked By: J. Holcomb  
 County: Coles

Boring No. 1		Elevation	N	Qu tsf	w %	Surface Water Elev. _____	Elevation	N	Qu tsf	w %
Ground Surface		636.4	0			_____				
Dark Brown LOAM (Topsoil)		634.9				630.4				
Gray Sandy CLAY (A-6)			4	0.65	16	_____		41	3.55	9
						_____				
			2	--	17	_____		146	1.3B	9
Gray Silty CLAY to Sandy CLAY (A-6)		630.4				_____				
			21	6.1B	10	_____		39	9.15	9
Gray Fine SAND (A-2-4)		627.4				_____				
			23	--	18	_____				
Gray CLAY (A-6) with sand		625.4				602.9				
			14	2.4B	17	Brown Mottled Gray Silty CLAY (A-6) w/ sand		63	9.75	11
			9	1.9S	20	_____				
Gray Sandy CLAY (A-6) with pebbles		619.9				597.9				
			10	1.7B	17	Brown to Gray Weathered SHALE		41	3.75	16
			22	4.3S	12	_____				
			44	2.8B	12	Gray SHALE		53	3.65	12

N = Standard Penetration Test Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with a 140 lbs. hammer falling 30"  
 Qu - Unconfined Compressive Strength in tons/sq.ft.  
 w - Water Content - percentage of oven dry weight-%  
 B = Bulge Failure  
 S = Shear Failure  
 E = Estimated Value  
 P = Penetrometer

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Boring No. 1		Elevation	N	Qu tsf	w %	Surface Water Elev. _____	Elevation	N	Qu tsf	w %
shale (continued)		45				_____				
						630.4				
						_____				
Gray SHALE with limestone fragments		586.9				_____				
						_____				
						_____				
						_____				
						_____				
						_____				
						_____				
End of Boring @ -54.0'		582.4				_____				
						_____				
						_____				
						_____				
						_____				
						_____				
						_____				

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PLOT DATE: 6/25/2007  
 PLOT SCALE: 20:000 / IN.  
 USER NAME: USER

REVISIONS	
NAME	DATE