

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

Illinois Department of Transportation
Division of Highways
District 2 Materials

SOIL BORING LOG

Page 1 of 2

Date 7/14/94

ROUTE FAU 5862 DESCRIPTION Poppy Garden Rd over I-80 at E. edge of Colona LOGGED BY S. Mendoza

SECTION 37-IHBR-1 LOCATION SEC. 13 & 14, TWP. 17N, R1G. 1E, 4 PM

COUNTY Henry DRILLING METHOD HAMMER TYPE

STRUCT. NO. Station	D E P O S I				Surface Water Elev. ft	Stream Bed Elev. ft	D E P O S I	U C S I	M O
	D	E	P	O					
037-0093 51+74.40					None				
BORING NO. B-3 Station 49+40 Offset 22.50ft Lt Ground Surface Elev. 607.79 ft									
Bituminous Shoulder Soft black Silty Loam	0.5		21					3	1.6
								3	50
									586.79
Stiff gray Sandy Loam	2							3	
	4	1.7	22					7	
	5	S						4	
									-26
Medium gray mottled rust Silty Loam	3							3	
	3	0.8	31					5	
	3	B						6	
									-26
Medium rusty Clay Loam	3							1	
	2	0.8	49					9	
	5	B						14	
									-30
Medium tan fine Sand	6							2	
	6							4	
	11							12	
									-30
Medium same as above	6							5	
	6							6	
	6							13	
									-35
Medium same as above	6								
	6								
	5								
									-35
Stiff brown Clay Loam w/Sand lenses	3							10	
	3	1.1	49					13	
	5	P						19	
									-40

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, from 137 (Rev. 8-99)

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	D	E	P	O					
037-0093 51+74.40					None				
BORING NO. B-3 Station 49+40 Offset 22.50ft Lt Ground Surface Elev. 607.79 ft									
Dense Sand & Gravel									
								38	
								32	
								15	
									-45
Very Dense Sand & Gravel								33	
								31	
								40	
									-50
End of Boring									-60

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	D	E	P	O					
037-0093 51+74.40					None				
BORING NO. B-4 Station 48+72 Offset 11.00ft Rt Ground Surface Elev. 627.89 ft									
Bituminous Surface									
Very Soft black, brown Clay Loam w/Sand lenses			0.2	18				5	0.5
								5	20
									606.89
Stiff green, olive green Clay Loam w/Sand lenses								5	
			1.3	22				3	
			B					6	
								9	
									603.39
Medium fine Sand								8	
								10	
								10	
									-26
Medium fine Sand								6	
								5	1.6
								3	B
									32
									-26
Medium fine Sand w/Clay lenses								2	
								4	1.3
								6	B
									46
									508.39
Medium same as above								9	
								11	
								9	
									-30
Stiff olive green, gray Clay Loam w/Sand lenses								6	
			2.0	23				1	
			P					2	
								8	
									-35
Stiff rusty brown, Clay Loam w/Sand lenses								5	
			1.8	29				3	
			P					7	
									-35
Medium fine Sand								9	
								11	
								14	
									-40

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	D	E	P	O					
037-0093 51+74.40					None				
BORING NO. B-4 Station 48+72 Offset 11.00ft Rt Ground Surface Elev. 627.89 ft									
Medium fine Sand								9	
								12	
								14	
									18
									37
									603.89
									-45
End of Boring									-65
First Encountered Dense fine Sand								3	
								4	
								20	
									-70
Medium dirty Sand & Gravel								1	
								0	
								10	
									-55
Wash Dense same as above								10	
								14	
								18	
									-80

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SOIL BORING DETAILS
F.A.I. RT. 80 SEC. 37-IHBR-1
HENRY COUNTY
STATION 461+73.82
STRUCTURE NO. 037-0171