

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	117 T	Ogle	86	54
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SOIL BORRING LOGS



SOIL BORING LOG

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Date 5/17/05

ROUTE FAP 549 DESCRIPTION P92-117-05 IL 72 culvert, .3 m. W. of Mill Road LOGGED BY W. Garza
 SECTION 117 T LOCATION Byron Twp. - 35 NE, SEC. , TWP. 25N, RNG. 10E
 COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	DEPTH (ft)	BLOW VALUE (/6")	UNIFORMITY COEFFICIENT (tsf)	MOISTURE (%)	DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)
	758+59							86.50				
BORING NO.	B-1b											
Station	758+85											
Offset	14.00ft Lt of CL											
Ground Surface Elev.	99.40											
		58.40	9	2.5	8.0	VERY STIFF gray SANDY LOAM TILL (continued)						
			15	S								
			14			HARD gray SANDY LOAM TILL						
		55.90	18	4.1	8.0							
			20	S								
						End of Boring						

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)



SOIL BORING LOG

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Date 5/16/05

ROUTE FAP 549 DESCRIPTION P92-117-05 IL 72 culvert, .2 m. W. of Conger Road LOGGED BY W. Garza
 SECTION 117 T LOCATION Byron Twp. - 34 NE, SEC. , TWP. 25N, RNG. 10E
 COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	DEPTH (ft)	BLOW VALUE (/6")	UNIFORMITY COEFFICIENT (tsf)	MOISTURE (%)	DESCRIPTION	Surface Water Elev. (ft)	Stream Bed Elev. (ft)	Groundwater Elev. (ft)	First Encounter (ft)	Upon Completion (ft)	After (ft)
	713+79							84.00				
BORING NO.	B-1c											
Station	713+68											
Offset	14.00ft Rt of CL											
Ground Surface Elev.	99.60											
						Gravel Shoulder						
						MEDIUM brown SILTY CLAY LOAM						
		97.60		0.5	16.0							
				P								
						STIFF brown CLAY LOAM						
			2									
		96.10	4	1.3	16.0							
			5	P								
						STIFF brown SILTY CLAY LOAM						
			2									
		93.60	3	1.5	27.0							
			4	B								
						SOFT tanish brown SILTY LOAM with LIMESTONE						
		91.10	3	0.3	15.0							
			3	P								
						MEDIUM brown SILTY CLAY LOAM						
			2									
		88.60	2	0.5	24.0							
			2	B								
						MEDIUM dark brown LOAM with ORGANICS						
		86.10	1	0.9	28.0							
			2	P								
						SOFT brown SILTY CLAY LOAM						
			1									
		83.60	2	0.4	32.0							
			3	B								
						STIFF tan SILTY CLAY						
			2									
		81.10	3	1.2	30.0							
			3	B								
						MEDIUM tan SILTY LOAM						
			1									

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)

PLOT DATE = Fri, Dec 28, 13:52:37, 2007
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