

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
549	117 T	OGLE	86	58
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS FED. AID PROJECT		

SOIL BORRING LOGS



Illinois Department of Transportation
Division of Highways
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SOIL BORING LOG

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Date 5/11/05

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	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
		(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	Hrs.
BORING NO. <u>B-2c</u>	<u>713+79</u>										
Station	<u>713+79</u>										
Offset	<u>74.00ft Lt of CL</u>										
Ground Surface Elev.	<u>85.20</u>										
MEDIUM brown SILTY CLAY LOAM				0.5	22.0						
				P							
STIFF brown SILTY CLAY LOAM	83.20		2								
			4	2.1	21.0						
	81.70		4	P							
MEDIUM tan SILTY CLAY LOAM			3								
			2	0.8	27.0						
	79.20		4	B							
MEDIUM tan SILTY LOAM			1								
			3	0.8	28.0						
	76.70		3	B							
MEDIUM tan SILT			1								
			2	0.5	29.0						
	73.70		5	P							
LOOSE/MEDIUM tan weathered LIMESTONE			7								
			5								
	71.70		5								
VERY DENSE tan weathered LIMESTONE			12								
			26								
	69.20		68								
VERY DENSE tan LIMESTONE			100/5"								
End of Boring	66.70										

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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SOIL BORING LOG

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Date 5/9/05

ROUTE FAP 549 DESCRIPTION P92-117-05 IL 72 culvert, .9 m. E. of Mt. Morris Blacktop LOGGED BY W. Garza

SECTION 117 T LOCATION Leaf River Twp. - 36NW, SEC. , TWP. 25N, RNG. 10E

COUNTY Ogle DRILLING METHOD Hollow Stem Auger HAMMER TYPE CME-45 Automatic

STRUCT. NO.	Station	D	B	U	M	Surface Water Elev.	Stream Bed Elev.	Groundwater Elev.:	First Encounter	Upon Completion	After
		(ft)	(/6")	(tsf)	(%)	ft	ft	ft	ft	ft	Hrs.
BORING NO. <u>B-2e</u>	<u>445+15</u>										
Station	<u>444+90</u>										
Offset	<u>30.00ft Rt of CL</u>										
Ground Surface Elev.	<u>90.50</u>										
MEDIUM brown LOAM				0.9	12.0						
				P							
MEDIUM tan/brown SILTY LOAM	88.50		1								
			2	0.6	23.0						
	87.00		3	B							
SOFT brown SANDY LOAM			2								
			3	0.3	20.0						
	84.00		3	B							
MEDIUM tan weathered LIMESTONE			5								
			11								
	82.00		16								
MEDIUM yellowish tan SAND & GRAVEL with LIMESTONE fragments			8								
			11								
	79.50		13								
MEDIUM yellowish tan SAND & GRAVEL with LIMESTONE			13								
			15								
	77.00		10								
LOOSE/MEDIUM tan clean medium coarse SAND			6								
			5								
	74.50		5								
MEDIUM tan SAND			9								
			12								
	72.00		10								
MEDIUM tan SAND & GRAVEL			9								

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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