

# BORING LOGS

STATION 245+97 (EXISTING STA.) = STATION 1096+26(PROPOSED)  
 STATION 246+24 (EXISTING STA.) = STATION 1095+98(PROPOSED)  
 ELEVATION 99.4 = ELEVATION (EXISTING) 955

STATION 245+97 (EXISTING STA.) = STATION 1096+26(PROPOSED)  
 STATION 245+81 (EXISTING STA.) = STATION 1096+42(PROPOSED)  
 ELEVATION 100.6 = ELEVATION (EXISTING) 954.8

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ROUTE <u>IL 78</u> DESCRIPTION <u>P92-013-10 Box culvert, .25 m. N. of E. Mahoney Road</u>		LOGGED BY <u>W. Garza</u>		Date <u>3/15/10</u>
SECTION _____ LOCATION <u>Warren Twp. - 31SW, SEC. , TWP. 29N, RNG. 5E</u>				
COUNTY <u>Jo Daviess</u>	DRILLING METHOD <u>Hollow Stem Auger</u>	HAMMER TYPE <u>CME-45 Automatic</u>		
STRUCT. NO. <u>043-1036</u> Station <u>245+97</u>	D E P T H S Qu T	B L O S Qu T	U C S Qu T	M O I S T T
BORING NO. <u>B-1a</u> Station <u>246+24</u> Offset <u>14.00ft Rt CL</u> Ground Surface Elev. <u>100.6</u> ft	(ft)	(/6")	(tsf)	(%)
Surface Water Elev. _____ ft Stream Bed Elev. <u>79.5</u> ft Groundwater Elev.: First Encounter <u>78.6</u> ft Upon Completion <u>78.6</u> ft After _____ Hrs. _____ ft		D E P T H S Qu T (ft) (/6") (tsf) (%)		
SOFT brown LOAM		0.3 P		23
98.60				10
MEDIUM tan weathered LIMESTONE		10 9 8		32
97.10				100/4
LOOSE tan FILL with weathered LIMESTONE		-5 1 2 3		
94.60				
LOOSE tan FILL with weathered LIMESTONE		0 1 4		
91.60				
VERY STIFF gray LOAM with LIMESTONE		-10 9 7 7		21
89.60				
STIFF brown LOAM with LIMESTONE		2 3 3		19
87.10				
STIFF brown SILTY CLAY LOAM		-15 4 3 6		26
84.10				
MEDIUM tan weathered LIMESTONE		3 14 11		
82.10				
		9		
				-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)				

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ROUTE <u>IL 78</u> DESCRIPTION <u>P92-013-10 Box culvert, .25 m. N. of Mahoney Road</u>		LOGGED BY <u>W. Garza</u>		Date <u>3/15/10</u>
SECTION _____ LOCATION <u>Warren Twp. - 31SW, SEC. , TWP. 29N, RNG. 5E</u>				
COUNTY <u>Jo Daviess</u>	DRILLING METHOD <u>Hollow Stem Auger</u>	HAMMER TYPE <u>CME-45 Automatic</u>		
STRUCT. NO. _____ Station <u>245+97</u>	D E P T H S Qu T	B L O S Qu T	U C S Qu T	M O I S T T
BORING NO. <u>B-2a</u> Station <u>245+81</u> Offset <u>14.00ft Rt CL</u> Ground Surface Elev. <u>100.2</u> ft	(ft)	(/6")	(tsf)	(%)
Surface Water Elev. _____ ft Stream Bed Elev. <u>79.5</u> ft Groundwater Elev.: First Encounter <u>78.2</u> ft Upon Completion <u>75.7</u> ft After _____ Hrs. _____ ft		D E P T H S Qu T (ft) (/6") (tsf) (%)		
SOFT brown LOAM		0.4 P		24
98.70				13 9
MEDIUM tan FILL weathered LIMESTONE		15 19 10		1.4 P 19
96.20				7 34 48
LOOSE tan FILL with weathered LIMESTONE		-5 2 2 4		11
93.70				100/4
MEDIUM tan FILL with weathered LIMESTONE		4 8 9		
91.20				
LOOSE tan moist FILL		-10 1 2 3		20
88.70				
No Recovery		2 3 3		
86.70				
VERY LOOSE tan FILL weathered LIMESTONE		-15 4 2 2		
84.20				
MEDIUM tan weathered LIMESTONE		4 10 13		
81.20				
		10		
				-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)				