



SOIL BORING LOG

ROUTE US 50 DESCRIPTION Overhead Sign Truss - US 50 WB LOGGED BY E. Sandschafer
SECTION D7 ITS 2014 LOCATION SE, SEC. 9, TWP. 3 N, RNG. 10 W, 3 PM
COUNTY Lawrence DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO. Station	D E P T H S	B L O W S	U C S Qu	M O I S T T	Surface Water Elev. <u>N/A</u> ft	Stream Bed Elev. <u>N/A</u> ft	Groundwater Elev.:	D E P T H S	B L O W S	U C S Qu	M O I S T T	Groundwater Elev.:	D E P T H S	B L O W S	U C S Qu	M O I S T T	
																	▼ First Encounter <u>Dry</u> ft
7S051U050L021.4 1 (Median) 1058+19 11.0ft Lt 480.98																	
3" topsoil. <u>480.68</u>																	
Brown, CLAY.																	
<u>478.98</u>																	
Loose, damp, gray, SANDY LOAM. Sample pokerchipped and powdered, unable to test.		12		14													
<u>476.48</u>																	
Medium, damp, gray, SILTY LOAM.		1	0.58	20													
<u>473.98</u>																	
Stiff, damp, gray, SILTY CLAY.		2															
<u>471.48</u>																	
Stiff, damp, gray marbled brown, CLAY.		3	1.15	23													
<u>468.98</u>																	
Stiff, damp, gray marbled brown, SANDY CLAY LOAM.		10															
<u>466.48</u>																	
Very stiff, damp, brown, SILTY CLAY LOAM TILL.		8															
<u>463.98</u>																	
Very dense, very moist, gray, SANDY CLAY SHALE. Sample pokerchipped and powdered, unable to test.		50/5"		7													
<u>461.48</u>																	
		50/1"															
		50/1"															
		50/2"		8													

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer, E-Estimated)
Abbreviations W.O.H - Sampler Advanced By Weight of Hammer, W.O.P - Advanced by Weight of Pipe, B.S. - Before Seating
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)

File Name S:\NEW GEOTECHNICAL\GINTDATA\PROJECTS\LAURENCE CO (051)\051-0000 SOIL 2013 OH SIGN TRUSS.GPJ Data Template 06TEMP1.GDT Date Printed 11/18/13
Latitude W 87 deg 31 min 22.688 sec Longitude N 38 deg 42 min 25.889 sec Datum Job Number



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																	▼ First Encounter <u>Dry</u> ft
7S051U050L021.4 2 (N Shldr) 1058+19 82.0ft Lt 480.57																	
2" topsoil. <u>480.37</u>																	
Brown, CLAY.																	
<u>478.57</u>																	
Very stiff, damp, gray, SILTY CLAY.		5															
<u>476.07</u>																	
Very stiff to stiff, damp, gray, CLAY.		4	3.09	17													
<u>471.07</u>																	
Stiff, damp, brown marbled gray, SILTY CLAY LOAM.		3															
<u>466.07</u>																	
Very stiff, damp, brown, SANDY CLAY LOAM.		5															
<u>464.57</u>																	
Very dense, very moist, brown, SANDY CLAY SHALE.		10	1.93	20													
<u>460.57</u>																	
		12															
		19	2.75	11													
		30	PP														
		50/4"		12													
		50/1"															
		50/1"															
		50/2"		9													

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Latitude W 87 deg 31 min 22.723 sec Longitude N 38 deg 42 min 26.123 sec Datum Job Number