

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION



SOIL BORING LOG

Page 1 of 2

Date 4/15/02

ROUTE FAS 1190 (US 150) DESCRIPTION US 150 over Henderson Creek, 9 miles North of Galesburg LOGGED BY DBR

SECTION (125 BY) BR LOCATION NE 1/4, SE 1/4, SEC. 33, TWP. 13N, RNG. 1E, 4th PM

COUNTY Knox DRILLING METHOD HSA HAMMER TYPE Auto

STRUCT. NO. <u>048-0027(EXISTING)</u> Station <u>150+65</u> BORING NO. <u>2</u> Station <u>151+09</u> Offset <u>14.50 ft RT of CL</u> Ground Surface Elev. <u>721.03</u> ft	D E P T H (ft) (1/6") (tsf) (C)	B L O C K S (tsf) (C)	M O I S T U R E (%)	Surface Water Elev. <u>702.97</u> ft Stream Bed Elev. _____ ft Groundwater Elev.: First Encounter <u>701.3</u> ft ▽ Upon Completion <u>702.8</u> ft ▽ After <u>24</u> Hrs. <u>707.9</u> ft ▽
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No Sample Taken	719.53				Gray CLAY LOAM (continued) Brown / Gray SANDY CLAY LOAM					
Dark Gray SILTY CLAY LOAM 2 blow then hit concrete @ 2' (0.6m)	717.03	2	0.25		Gray SILTY CLAY					
Gray SILTY CLAY	714.53	2	1.03	21.0	Gray SHALEY SILT					
Light Brown CLAY LOAM	712.03	1			Gray SHALE					
Light Brown / Light Gray CLAY LOAM	709.53	1	0.41	27.0						
Light Brown CLAY LOAM	707.03	2								
Gray CLAY LOAM		3	0.74	25.0						
Free Water @ 19.75' (6.02m)		2								
		3								

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrator)
The SPT (N value) is the sum of the last two blow values in each sampling zone (AASHTO T206)



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Gray SHALE (continued)	675.53				Dark Gray SHALE					
End of Boring	674.03									

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DESIGNED <u>SMR</u>
CHECKED <u>FT</u>
DRAWN <u>JMI, KBF</u>
CHECKED <u>SMR/FT</u>

US ROUTE 150 OVER HENDERSON CREEK
 F.A.S. ROUTE 1190 - SEC. (125BY)BR
 KNOX COUNTY
 STATION 150+71.00
 STRUCTURE NO. 048-0088

BORING LOGS