

Contract #68086



Illinois Department of Transportation
Division of Highways
DOT

SOIL BORING LOG

Page 1 of 2

Date 3/24/03

ROUTE FAU 6757 (US 150) DESCRIPTION 1.7 Mi. East of Jct. IL 8 in E. Peoria LOGGED BY JES

SECTION (105B) BR-2 BR-3 LOCATION SEC. TWP. RNG.

COUNTY Tazewell DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

STRUCT. NO.	STATION	BORING NO.	STATION	OFFSET	GROUND SURFACE ELEV.	DRILLING METHOD	HAMMER TYPE	SOIL DESCRIPTION	DEPTH (ft)	DIAMETER (in)	PERCENT MOISTURE (%)	PERCENT SOLIDS (%)	PERCENT LIQUIDITY (%)	PERCENT PLASTICITY (%)	UNSATURATED SWELL (%)	UNSATURATED SHRINKAGE (%)	UNSATURATED SHREDDING (%)	UNSATURATED FRICTION (%)	UNSATURATED STRENGTH (%)	UNSATURATED STIFFNESS (%)	UNSATURATED STRENGTH INDEX (%)	UNSATURATED STIFFNESS INDEX (%)	
090-0176 (prop)	89+80.00	2 (E.Abut.)	90+14	15.00ft L.L. CL.	545.83	Hollow Stem Auger	AUTO	Surface Water Elev. 532.25 ft Stream Bed Elev. _____ ft Groundwater Elev. _____ ft First Encounter _____ ft Upon Completion _____ ft After 24 Hrs. none coll. 27.4 ft															
								Brown FINE SAND (continued)															
								Brown SILTY CLAY LOAM	2														
								Brown SANDY CLAY LOAM	2	0.8	21												
								Brown SANDY CLAY LOAM	2	0.5	9												
								Brown SAND & GRAVEL	8	0.2	15												
								Brown SANDY CLAY LOAM w/ TR GRAVEL	5	0.5	12												
								Brown SANDY GRAVEL	6														
								Brown FINE SAND	6		10												

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 (ASTM D 1586)

BBS, from 137 (Rev. 8-99)



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COUNTY Tazewell DRILLING METHOD Hollow Stem Auger HAMMER TYPE AUTO

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090-0176 (prop)	89+80.00	2 (E.Abut.)	90+14	15.00ft L.L. CL.	545.83	Hollow Stem Auger	AUTO	Surface Water Elev. 532.25 ft Stream Bed Elev. _____ ft Groundwater Elev. _____ ft First Encounter _____ ft Upon Completion _____ ft After 24 Hrs. none coll. 27.4 ft															
								L.L. Brown FINE SAND (continued)															
								Brown SANDY GRAVEL	4		21												
								Brown SANDY GRAVEL	6														
								Brown SANDY GRAVEL	8														
								L.L. Brown FINE SAND	7														
								L.L. Brown SILTY LOAM	11														
								L.L. Brown Medium SAND	5														
								L.L. Brown FINE SAND	7														

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BBS, from 137 (Rev. 8-99)

FILE ABBREV \$

TIME \$

DATES \$



LIN ENGINEERING, LTD.
Consulting Engineers
Channah, Illinois

Designed By: RKW Checked By: DLS Drawn By: AJF
Date: 10/07 File: 090-0176.DGN

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION
SOIL BORINGS - 3
U.S. 150 OVER LITTLE FARM CREEK
F.A.U. ROUTE 6757 SECTION (105B)BR-3
TAZEWELL COUNTY
STA. 89+80.58
S.N. 090-0176