

F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
95	*	EFFINGHAM	409	148B
STA.		TO STA.		
FED. ROAD DIST. NO.		ILLINOIS	FED. AID PROJECT	
* (6.7)Y, RS-1, 6B-1, 7B-1 & 7B-2				
CONTRACT NO. 94356				

BORING B-3
STA. 509+69, 47.5' LT

BORING B-4
STA. 509+65, 12' RT



Illinois Department of Transportation
Division of Highways
Talley Mechanical, Inc.

SOIL BORING LOG

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Date 10/7/04

Culverts on IL Route 33 between Effingham and Newton

LOGGED BY Rossler/Kinsella

ROUTE 542.85 DESCRIPTION (6.7)Y, RS-1, 6B-1, 7B-1 & 7B-2
SECTION 7BR-2 LOCATION SEC. 10, TWP. 7N, R9G. 7E, 3rd PM
COUNTY Effingham DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140-pound Automatic

STRUCT. NO. Station	DEPTH ft	CORRECTION ft	CORRECTION %	Surface Water Elev. ft	Stream Bed Elev. ft	UNSATURATED WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	SHRINKAGE LIMIT (%)	FLUIDITY INDEX	GROUP CLASSIFICATION	REMARKS
												Groundwater Elev: First Encounter <u>595.7</u> ft Upon Completion <u>595.7</u> ft After <u>hrs.</u>
	0											Gray-Brown SILTY CLAY
	2											
	3											
	4											
	5											
	6											
	7											
	8											
	9											
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											

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)

RSS Form 127 (Rev. 8-04)



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Date 10/6/04

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SECTION 7BR-2 LOCATION SEC. 10, TWP. 7N, R9G. 7E, 3rd PM
COUNTY Effingham DRILLING METHOD Hollow Stem Auger HAMMER TYPE 140-pound Automatic

STRUCT. NO. Station	DEPTH ft	CORRECTION ft	CORRECTION %	Surface Water Elev. ft	Stream Bed Elev. ft	UNSATURATED WATER CONTENT (%)	LIQUID LIMIT (%)	PLASTIC LIMIT (%)	SHRINKAGE LIMIT (%)	FLUIDITY INDEX	GROUP CLASSIFICATION	REMARKS
												Groundwater Elev: First Encounter <u>Dry</u> ft Upon Completion <u>Dry</u> ft After <u>hrs.</u>
												Gray SILTY CLAY LOAM (continued)
	1											
	2											
	3											
	4											
	5											
	6											
	7											
	8											
	9											
	10											
	11											
	12											
	13											
	14											
	15											
	16											
	17											
	18											
	19											
	20											

The Unconfined Compressive Strength (UCS) Failure Mode is indicated by (B-Bulge, S-Shear, P-Penetrometer)
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RSS Form 127 (Rev. 8-04)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

BORING LOGS
PRECAST DOUBLE BOX CULVERT
AT STA. 506+65.00

SCALE: NONE
DATE 8/05

DRAWN BY DIST 7
CHECKED BY BWC