

CKT
10/26/04
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SBL

FAP No.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
821	13TS-2	JEFFERSON	8	8
FED. ROAD DIST. NO. 7		ILLINOIS	FED. AID PROJECT NO.	

CONTRACT NO. 74034



SOIL BORING LOG

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ROUTE IL 15 DESCRIPTION TS Foundations: IL 15 and Shiloh Drive LOGGED BY E. Sandschafer
SECTION 13TS-2 LOCATION N 12, SEC. 34, TWP. 2 S, RNG. 2 E, 3 PM
COUNTY Jefferson DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	g/NT file	DEPTH	B	U	M	Surface Water Elev.	ft
Station	041-TS01					Stream Bed Elev.	NA
BORING NO.	1 (NE Corner)					Groundwater Elev.:	
Station	50+71					First Encounter	None
Offset	35.50ft Rt					Upon Completion	
Ground Surface Elev.	458.61	ft	(ft)	(ft)	(%)	After	Hrs.
Topsoil. 459.31 Hard, moist, brown, SANDY CLAY LOAM. 4 5 +4.5 9 4 PP 454.11 Medium to stiff, damp, brown/red, CLAY w/alt. 3 4 1.0 2 5 B 2 450.61 Very dense, moist, brown/red, SANDY CLAY SHALE. 5 0.8 22 13 B 15 Samples pkerchipped, unable to test. 504" 8 502" 501" 505" 502" 7 501" 504" 502" 6 501" 441.11 504" 5 501" 501" Extent of exploration. Benchmark: Traverse Point 203 iron pin w/cap = Elevation 459.75'							

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)

BBS, from 137 (Rev. 8-99)



SOIL BORING LOG

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ROUTE IL 15 DESCRIPTION TS Foundations: IL 15 and Shiloh Drive LOGGED BY E. Sandschafer
SECTION 13TS-2 LOCATION N 12, SEC. 34, TWP. 2 S, RNG. 2 E, 3 PM
COUNTY Jefferson DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	g/NT file	DEPTH	B	U	M	Surface Water Elev.	ft
Station	041-TS01					Stream Bed Elev.	NA
BORING NO.	2 (NW Corner)					Groundwater Elev.:	
Station	50+52					First Encounter	None
Offset	74.00ft Lt					Upon Completion	
Ground Surface Elev.	459.00	ft	(ft)	(ft)	(%)	After	Hrs.
Topsoil. 459.70 Hard to medium, very moist to damp, brown/red, CLAY LOAM. 4 7 +4.5 12 7 PP 3 5 1.0 17 6 BS 3 3 0.8 19 4 BS 459.50 Very stiff, damp, red mottled gray, SILTY CLAY LOAM. 8 17 3.2 13 30 S 458.50 Very dense, moist, brown layered gray, SANDY CLAY SHALE. 34 Samples pkerchipped, unable to test. 503" 8 501" 504" 502" 6 501" 441.40 504" 6 502" 501" Extent of exploration. Benchmark: Traverse Point 203 iron pin w/cap = Elevation 459.75'							

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ROUTE IL 15 DESCRIPTION TS Foundations: IL 15 and Shiloh Drive LOGGED BY E. Sandschafer
SECTION 13TS-2 LOCATION N 12, SEC. 34, TWP. 2 S, RNG. 2 E, 3 PM
COUNTY Jefferson DRILLING METHOD Hollow stem auger & split spoon HAMMER TYPE Auto 140#

STRUCT. NO.	g/NT file	DEPTH	B	U	M	Surface Water Elev.	ft
Station	041-TS01					Stream Bed Elev.	NA
BORING NO.	3 (SE Corner)					Groundwater Elev.:	
Station	49+51					First Encounter	None
Offset	70.00ft Rt					Upon Completion	
Ground Surface Elev.	458.91	ft	(ft)	(ft)	(%)	After	Hrs.
Topsoil. 459.61 Stiff, damp, brown, CLAY w/sand. 3 Rock stuck in sampler shoe, little recovery. 4 13 4 454.41 Stiff, damp, red mottled gray, CLAY LOAM. 2 4 1.7 19 4 B 451.91 Stiff, damp, red mottled gray, SILTY CLAY LOAM. 3 5 1.2 20 12 S 449.41 Very dense, moist, brown layered red & gray, SANDY CLAY LOAM 26 504" 8 501" 448.91 Sample pkerchipped, unable to test for Qu. Very dense, moist, gray, CLAY SHALE. 505" 5 502" 501" Samples pkerchipped, unable to test for Qu. 504" 6 502" 501" 441.31 504" 5 502" 501" Extent of exploration. Benchmark: Traverse Point 203 iron pin w/cap = Elevation 459.75'							

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)

BBS, from 137 (Rev. 8-99)

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS

SCALE: VERT.
HORIZ.
DATE

DRAWN BY
CHECKED BY