• F.A.I. 72, F.A.P. 67, F.A.P. 75 & F.A.P. 668
•• D-6 SPFLD-CLRLAKE DIRKSEN 2002

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
•	••	SANGAMON	363	215D
STA.		TO STA.		
FED. ROAD DIST. NO.	ILLINOIS	FED. AID PROJECT		

CONTRACT NO. 72088

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 11/21/06

ROUTE Clear Lake-Dirksen DESCRIPTION Relocated Hill Street LOGGED BY M. Teppen
SECTION D-6 Spfld-Clearlake Dirksen 2002 LOCATION S 1/4, SEC. 25, TWP. 16 N, RNG. 5 W, 3 PM
COUNTY Sangamon DRILLING METHOD Push Split Spoon HAMMER TYPE N/A

STRUCT. NO.
Station

BORING NO. Hill-3
Station 9+00
Offset 0.0ft
Ground Surface Elev. 591.6 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter No Encounter ft
Upon Completion No Data ft
After 24 Hrs. Dry ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Dark Grey to Greyish Brown Moist SILTY CLAY LOAM Refer Class H-1-2			0.7 S-8		30
Greyish Brown	586.00		0.8 B		29
Tan and Light Grey Moist SILT Refer Class H-2-1	584.00	-5	0.6 S-10		26
Grey and Brown Moist SILTY CLAY LOAM Refer Class H-2-2			0.8 B		26
			0.7 B		25
		-10	0.4 P		25
Grey and Brown Moist CLAY (Till) Ref Class H-1-3	578.00		1.2 B		25
Boring Completed	575.00	-15	1.5 P		23
		-20			

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 SOILBLDG.GDT FILES\SANGAMON\CLEARLAKE-DIRKSEN\27 Date Template DOTDPR.LIBT Date Printed 1/25/08
Latitude Longitude Datum NAD83 Job Number P-96-038-99

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 11/21/06

ROUTE Clear Lake-Dirksen DESCRIPTION Relocated Hill Street LOGGED BY M. Teppen
SECTION D-6 Spfld-Clearlake Dirksen 2002 LOCATION S 1/4, SEC. 25, TWP. 16 N, RNG. 5 W, 3 PM
COUNTY Sangamon DRILLING METHOD Push Split Spoon HAMMER TYPE N/A

STRUCT. NO.
Station

BORING NO. Hill-4
Station 15+00
Offset 0.0ft
Ground Surface Elev. 591.9 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter No Encounter ft
Upon Completion No Data ft
After 24 Hrs. 576.9 ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Dk Grey to Brown & Grey Moist SILTY CLAY LOAM Refer Class H-1-2			0.7 S-10		28
	588.40		1.0 B		31
Tan and Light Grey Moist SILT Refer Class H-2-1		-5	1.2 S-10		24
			1.6 S-11		25
	582.90		2.0 P		27
Brown and Grey Moist SILTY CLAY LOAM Refer Class H-2-2		-10	0.5 B		27
Brown and Grey Moist CLAY (Till) Refer Class H-1-3	579.90		1.0 B		25
Boring Completed	▼576.90	-15	0.9 B		27
		-20			

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)

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Latitude Longitude Datum NAD83 Job Number P-96-038-99

Illinois Department of Transportation
Division of Highways
District 6

SOIL BORING LOG

Page 1 of 1

Date 11/21/06

ROUTE Clear Lake-Dirksen DESCRIPTION North Frontage Road LOGGED BY M. Teppen
SECTION D-6 Spfld-Clearlake Dirksen 2002 LOCATION S 1/4, SEC. 25, TWP. 16 N, RNG. 5 W, 3 PM
COUNTY Sangamon DRILLING METHOD Push Split Spoon HAMMER TYPE N/A

STRUCT. NO.
Station

BORING NO. NFR-1
Station 7+25
Offset 0.0ft
Ground Surface Elev. 587.9 ft

Surface Water Elev. N/A ft
Stream Bed Elev. N/A ft

Groundwater Elev.:
First Encounter No Encounter ft
Upon Completion No Data ft
After Hrs. Plugged ft

Description	Elev.	DEPTH (ft)	BLOWS /6"	UCS Qu (tsf)	MOIST (%)
Greyish Brown Moist SILTY CLAY LOAM Refer Class H-1-2			1.2 B		28
	584.40		1.0 S-13		18
Tan and Light Grey Moist SILT Refer Class H-2-1		-5	1.0 P		26
	582.40				
Grey and Brown SILTY CLAY LOAM Refer Class H-2-2			0.7 B		25
			0.8 B		25
Boring Completed	577.90	-10			
		-15			
		-20			

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 SOILBLDG.GDT FILES\SANGAMON\CLEARLAKE-DIRKSEN\27 Date Template DOTDPR.LIBT Date Printed 1/25/08
Latitude Longitude Datum NAD83 Job Number P-96-038-99

REVISIONS	
NAME	DATE

ILLINOIS DEPARTMENT OF TRANSPORTATION

DRAINAGE STRUCTURE BORINGS

SCALE: NONE
DATE 02/06

DRAWN BY MLO
CHECKED BY CWG