

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 2

Date Started 4/4/05 Date Completed 4/4/05

ROUTE F.A.S. 0130 DESCRIPTION Tyler Creek & Big Timber Road - Phase I
 SECT. 01-0026-00-BR STRUCT. NO. 045-3012 (exist.) DRILLED BY ISC L-60,901
 COUNTY Kane LOCATION West Abutment S. 27 - E. Cntr., TWP. 42 N., RNG. 7E

Boring No.	Station	Offset	Surface Elev.	D	B	L	O	W	Z	Surface Water Elev.	Groundwater Elev.	Wash	Wash	D	B	L	O	W	Z
SB-1	135+35	6.50ft RT	893.40	H	T	P	O	S	X					H	T	P	O	S	X
5.5" Asphaltic Concrete	892.80																		
FILL - Brown SAND and GRAVEL, damp	A-1	890.30		7	4	4			6.4										
Medium stiff to stiff black and dark brown CLAY and Topsoil, very moist	A-1-a	887.90		2	5	1.0			32.9										
Stiff brown and gray CLAY, trace organic, very moist	A-7-6	885.40		2	5	1.2			34.3										
Stiff brown and gray SILTY CLAY LOAM with sand seams, moist	A-4/A-6	882.90		3	4	1.0			17.7										
Stiff gray SILTY CLAY LOAM, moist	A-6	880.40		3	4	1.2			19.1										
Very stiff to hard reddish-brown CLAY LOAM, trace to little gravel, moist	A-6	877.90		4	5	2.34			14.3										
Loose gray clayey SILT, very moist	A-4	875.40		3	4	2.32			23.2										
Medium stiff gray CLAY, very moist	A-6	872.90		4	5	0.9			24.3										
Soft gray SILTY CLAY LOAM with silt seams, very moist	A-4/A-6	868.40		2	4	0.5			22.7										

SPT (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
 Stations, Depths, Offset, and Elevations are in Feet

Testing Service Corporation

STRUCTURE BORING LOG

Page 2 of 2

Date Started 4/4/05 Date Completed 4/4/05

ROUTE F.A.S. 0130 DESCRIPTION Tyler Creek & Big Timber Road - Phase I
 SECT. 01-0026-00-BR STRUCT. NO. 045-3012 (exist.) DRILLED BY ISC L-60,901
 COUNTY Kane LOCATION West Abutment S. 27 - E. Cntr., TWP. 42 N., RNG. 7E

Boring No.	Station	Offset	Surface Elev.	D	B	L	O	W	Z	Surface Water Elev.	Groundwater Elev.	Wash	Wash	D	B	L	O	W	Z
SB-1	135+35	6.50ft RT	843.40	H	T	P	O	S	X					H	T	P	O	S	X
Very stiff reddish-brown CLAY LOAM, trace to little gravel, moist	A-4/A-6	881.40		5	10	1.5			13.3										
Hard reddish-brown CLAY LOAM, trace to little gravel, moist	A-4/A-6	876.40		7	10	1.8			11.6										
Dense brown and gray SAND and GRAVEL, occasional cobbles, track fragments recovered, saturated	A-1-a	871.40		29	24	1.9			12.4										

SPT (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
 Stations, Depths, Offset, and Elevations are in Feet

Testing Service Corporation

STRUCTURE BORING LOG

Page 1 of 2

Date Started 4/8/05 Date Completed 4/8/05

ROUTE F.A.S. 0130 DESCRIPTION Tyler Creek & Big Timber Road - Phase I
 SECT. 01-0026-00-BR STRUCT. NO. 045-3012 (exist.) DRILLED BY ISC L-60,901
 COUNTY Kane LOCATION East Abutment S. 27 - E. Cntr., TWP. 42 N., RNG. 7E

Boring No.	Station	Offset	Surface Elev.	D	B	L	O	W	Z	Surface Water Elev.	Groundwater Elev.	Wash	Wash	D	B	L	O	W	Z
SB-2	136+20	6.50ft LT	893.30	H	T	P	O	S	X					H	T	P	O	S	X
6" Asphaltic Concrete	892.80																		
FILL - Gray and black SAND and GRAVEL, damp	A-1-a	890.30		3	4	1.1			18.9										
FILL - Black and gray CLAY LOAM, little gravel, trace organic, very moist	A-1-a	887.90		2	4	1.0			21.4										
Soft brown and gray CLAY LOAM, little gravel, very moist	A-5/A-7-6	881.40		1	2	0.5			22.0										
Medium dense brown and gray silty fine SAND, saturated	A-1-b	865.30		3	4	1.0			14.0										
Medium dense brown and gray silty fine SAND, trace gravel, very moist	A-2-4	862.80		3	4	1.1			14.4										
Medium dense gray SAND, trace to little gravel, saturated	A-1-b	860.30		4	5	1.9			11.9										
Soft to medium stiff gray CLAY, occasional silt seams, very moist	A-6	855.30		2	4	0.9			22.0										
Soft to medium stiff gray CLAY, occasional silt seams, very moist	A-6	852.80		2	4	0.6			22.2										
Medium dense gray fine to medium SAND, saturated	A-1-b	847.80		3	4	1.0			16.0										
Stiff to very stiff gray CLAY, occasional silt seams, moist	A-6	840.30		3	4	2.0			19.5										
Medium stiff gray CLAY LOAM with sand seams, very moist	A-4/A-6	838.30		2	4	0.75			21.0										

SPT (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
 Stations, Depths, Offset, and Elevations are in Feet

Testing Service Corporation

STRUCTURE BORING LOG

Page 2 of 2

Date Started 4/8/05 Date Completed 4/8/05

ROUTE F.A.S. 0130 DESCRIPTION Tyler Creek & Big Timber Road - Phase I
 SECT. 01-0026-00-BR STRUCT. NO. 045-3012 (exist.) DRILLED BY ISC L-60,901
 COUNTY Kane LOCATION East Abutment S. 27 - E. Cntr., TWP. 42 N., RNG. 7E

Boring No.	Station	Offset	Surface Elev.	D	B	L	O	W	Z	Surface Water Elev.	Groundwater Elev.	Wash	Wash	D	B	L	O	W	Z
SB-2	136+20	6.50ft LT	843.30	H	T	P	O	S	X					H	T	P	O	S	X
Very stiff reddish-brown CLAY LOAM, trace to little gravel, moist	A-4/A-6	881.30		5	10	1.5			12.2										
Medium dense brownish-gray SAND, some gravel, saturated	A-1	876.30		5	9	1.2			12.8										
Medium dense brownish-gray fine SAND, trace to little gravel, saturated	A-1-b	871.30		11	8	2.25			15.5										
Very stiff brownish-gray CLAY LOAM, trace to little gravel, moist	A-6	866.30		5	7	2.7			13.3										

SPT (N) = Sum of last two blow values in sample. (Q) B-Bulge S-Shear P-Penetration Test
 Stations, Depths, Offset, and Elevations are in Feet

CHRISTOPHER B. BURKE ENGINEERING, LTD.
 9575 W. Higgins Road, Suite 800
 Rosemont, Illinois 60018
 (847) 923-0500



STATE OF ILLINOIS
 DEPARTMENT OF TRANSPORTATION

BORING LOGS

SHEET NO. S-21 OF S-21

F.A.S. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
0130	01-00266-00-BR	KANE	70	58
FED. ROAD DIST. NO. 1 [ILLINOIS] FED. AID PROJECT BRM-8003(043)			CONTRACT NO. 63196	

F.A.S. 0130 - BIG TIMBER ROAD
 OVER TYLER AND PINGREE CREEK
 SECTION 01-00266-00-BR
 KANE COUNTY, ILLINOIS
 STA. 135+80.00
 STRUCTURE NO. 045-3323

FILE NAME = N:\kane\county\04198\STRUCT.2\04198-S21.SHT	USER NAME = BLUKE	DESIGNED - MM	REVISED -
PLOT SCALE = 1"	CHECKED - MM	REVISED -	REVISED -
PLOT DATE = 2/7/2011	DATE	REVISED -	REVISED -