STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

ILLINOIS DEPARTMENT OF TRANSPORTATION
District Two Materials
Selby Twp. - SW 1/4 Sec 1 - T16N, R10E

Units English
Bridge Foundation
Boring Log

Sh. 1 of 2

PROJECT _____ BRIDGE I-80 Eastbound over Date 07/17/96
ROUTE FAI 80 Brush Creek Bored By C. Jenkins
SEC. 06-07B & 06-07F STA. 1612 + 97.40 Checked By T. Bratt
COUNTY Bureau

Boring No. B-14
Sta 1613 + 86
O/S 68' Rt Med CL

Surf Wat El. 172.4
Grndwater El.
at Compl 145.3
At ____ Hrs ____

Description	DEPTH	N	Qu t/sf	W %
Ground Surface 177.5	0			
STIFF brown SILTY LOAM			1.4 P	19
MEDIUM brown SILTY CLAY	-5	2 2 3	0.6 B	23
LOOSE dirty gray SAND & GRAVEL		1 3 4		
Same as above	-10	1 2 5		
First Encounter V LOOSE dirty gray SAND & GRAVEL		3 3 3		
VERY STIFF gray SILTY LOAM TILL	-15	3 4 8	2.9 B	14
VERY STIFF gray SILTY CLAY TILL	-20	4 6 10	3.9 B	14
HARD brown SILTY CLAY TILL		9 10 14	10.5 S	11
HARD mauve SILTY CLAY TILL		10 14 16	6.1 S	10
HARD mauve SILTY CLAY TILL	-25	10 13 16	5.6 S	12
HARD brown SILTY LOAM TILL	-30	10 12 15	4.1 S	12
HARD brown SILTY LOAM TILL	-35	14 16 32	8.7 S	10
Same as above		8 12 16	8.5 S	10
Same as above	-40	6 12 14	5.4 S	11
Same as above		7 11 15	5.3 S	11
Same as above	-45	8 11 16	6.5 P	11
Same as above		6 9 13	5.4 P	12
Same as above		6 8 12	4.3 P	12

N-Std Pentr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Units English
Project _____
Route FAI 80
Sec. 06-07B & 06-07F
County Bureau

Sh. 2 of 2

Boring No. B-14
Sta 1613 + 86
O/S 68' Rt Med CL

Description	El.	N	Qu t/sf	W %
	-45			
HARD brown SILTY LOAM TILL		6 9 9	4.1 P	13
END OF BORING				
	-50			
	-55			
	-60			
	-65			
	-70			
	-75			
	-80			
	-85			
	-90			
	-95			

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District Two Materials
Selby Twp. - SW 1/4 Sec 1 - T16N, R10E

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Sh. 1 of 2

PROJECT _____ BRIDGE I-80 Eastbound over Date 07/13/96
ROUTE FAI 80 Brush Creek Bored By C. Jenkins
SEC. 06-07B & 06-07F STA. 1612 + 97.40 Checked By T. Bratt
COUNTY Bureau

Boring No. B-15
Sta 1614 + 93
O/S 78' Rt Med CL

Surf Wat El. 172.4
Grndwater El.
at Compl Wash
At 60 Hrs 171.6

Description	DEPTH	N	Qu t/sf	W %
Ground Surface 179.6	0			
SOFT brown SILTY LOAM			0.3 P	24
VERY SOFT black SILTY LOAM	-5	2 3 3	0.2 P	26
SOFT black SILTY LOAM		0 2 1	0.3 B	26
SOFT black SILTY LOAM with some GRAVEL	-10	1 3 4	0.3 B	16
First Encounter V VERY STIFF gray/brown SILTY CLAY		2 4 7	2.1 B	17
Same as above	-15	3 5 8	2.1 B	17
STIFF brown SILTY CLAY TILL		4 6 8	1.6 B	18
MEDIUM gray/tan river SAND & GRAVEL	-20	7 7 8		
Begin Wash LOOSE gray/tan river SAND & GRAVEL		4 4 6		
next column				
HARD brown SILTY CLAY TILL	-25	8 13 13	7.8 B	11
HARD mauve SILTY CLAY TILL		8 14 14	7.0 S	10
Same as above	-30	14 16 23	7.0 S	11
Same as above		10 13 17	7.2 S	11
Same as above	-35	11 13 18	8.7 S	11
Same as above		9 13 17	8.1	10
Same as above	-40	9 11 14	6.3 S	12
Same as above		6 8 11	4.1 S	11
HARD brown SANDY LOAM TILL	-45	5 7 11	4.1 S	11

N-Std Pentr Test: 2" OD Sampler,
140# Hammer, 30" Fall (Type Fail. B-Bulge S-Shear E-Estimated P-Penetrometer)

Units English
Project _____
Route FAI 80
Sec. 06-07B & 06-07F
County Bureau

Sh. 2 of 2

Boring No. B-15
Sta 1614 + 93
O/S 78' Rt Med CL

Description	El.	N	Qu t/sf	W %
HARD brown SANDY LOAM TILL	-45	6 9 18	4.3 B	10
VERY STIFF brown SILTY CLAY TILL	-50	6 8 14	2.5 B	11
Same as above		5 8 13	2.5 B	11
VERY STIFF gray SILTY CLAY TILL	-55	6 7 12	3.3 B	13
Same as above		5 9 11	3.5 B	13
END OF BORING				
	-60			
	-65			
	-70			
	-75			
	-80			
	-85			
	-90			
	-95			

DESIGNED -	SP
CHECKED -	PDF
DRAWN -	SP
CHECKED -	PDF

BORING LOGS - 6
STRUCTURE NO. 006-0170 EB
STRUCTURE NO. 006-0171 WB

T·Y·LIN INTERNATIONAL

SHEET NO. 59	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59 SHEETS	80	*	BUREAU	344	153
			CONTRACT NO. 66908		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

* 06-07BR & BR-1,7VB-M, 6BR & 6, 7 RS-1 & II