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 Westbound over Date 04/03/96

ROUTE FAI 80 Brush Creek Bored By B. Montgomery

SEC. 06-07B & 06-07F STA. 1612 + 97.40 Checked By T. Bratt

COUNTY Bureau

Boring No. B-1
Sta 1611+80 WB
O/S 10' Lt

Surf Wat El. _____
Grndwater El. _____ at Compl Wash
At 24 Hrs 170.5

DEPTH	N	Qu t/sf	W %
Ground Surface 198.0 0			
Broken Concrete			
VERY STIFF gray CLAY LOAM	3 5 6	4.0 B	15
-5			
MEDIUM gray CLAY TILL	2 4 5	2.2 B	19
VERY STIFF gray CLAY TILL	4 7 8	4.7 B	15
-10			
VERY STIFF tan SILTY LOAM TILL	2 5 6	3.2 B	16
VERY STIFF tan/gray SILTY CLAY (mottled)	5 7 9	3.0 B	20
-15			
VERY STIFF tan/gray SILTY CLAY	2 5 6	3.2 B	22
VERY STIFF tan/gray SILTY CLAY	2 7 12	3.2 B	25
-20			
VERY STIFF black SILT	2 6 8	4.2 B	25
next column			

DEPTH	N	Qu t/sf	W %
VERY STIFF black SILT 14% organics	4 7 9	3.5 B	40
-25			
MEDIUM black SILT 9% organics	1 2 2	1.0 B	43
VERY LOOSE gray SAND & GRAVEL	3 3 2		
-30			
VERY LOOSE gray SAND w/wood fragments (negative friction)	2 1 2		
First Encounter V MEDIUM gray SAND	3 9 12		
-35			
MEDIUM gray SAND	5 9 10		
Begin Wash			
DENSE gray SAND (very fine)	11 15 16		
-40			
MEDIUM gray SAND	8 10 11		
MEDIUM gray SAND	10 8 9		
-45			

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-1
Sta 1611+80 WB
O/S 10' Lt

	El.	N	Qu t/sf	W %
MEDIUM gray SAND & GRAVEL	-45	13 12 9		
4/4/96 MEDIUM gray SAND & GRAVEL		8 6 10		
Same as above	-50	8 10 10		
MEDIUM gray SAND & GRAVEL		9 12 13		
Same as above	-55	9 12 15		
HARD brown SILTY CLAY TILL		8 12 14	4.7 B	11
VERY STIFF brown CLAY LOAM TILL	-60	7 9 7	2.9 B	11
Same as above		8 11 13	3.9 B	11
Same as above	-65	5 8 13	2.5 B	12
Same as above		5 8 11	2.1 B	10
END OF BORING	-70			

	El.	N	Qu t/sf	W %
	-70			
	-75			
	-80			
	-85			
	-90			
	-95			

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 Westbound over Date 01/03/95

ROUTE FAI 80 Brush Creek Bored By B. Montgomery

SEC. 06-07B & 06-07F STA. 1612 + 97.40 Checked By T. Bratt

COUNTY Bureau

Boring No. B-2
Sta 612 + 52 WB
O/S 14' Rt

Surf Wat El. 167.4
Grndwater El. _____ at Compl _____
At 24 Hrs 168.2

DEPTH	N	Qu t/sf	W %
Ground Surface 175.2 0			
MEDIUM black SILTY LOAM friable		0.5 E	24
Same as above	5 5 5	1.2 B	22
-5			
MEDIUM black SILT w/SAND lenses	3 5 8	0.5 B	33
First Encounter V gray SAND contains GRAVEL	3 3 10		
-10			
gray SAND contains GRAVEL	9 10 10		
Same as above	10 10 12		
-15			
Same as above	6 10 12		
Same as above	10 10 10		
-20			
HARD gray SILTY CLAY LOAM TILL	7 11 17	5.0 B	13
next column			

DEPTH	N	Qu t/sf	W %
HARD Same as above w/SAND lenses	7 11 13	5.7 B	12
-25			
HARD Same as above	8 13 17	4.5 B	15
VERY LOOSE SAND & GRAVEL, unconsolidated	0 1 1		
-30			
Same as above	16 17 22		
MEDIUM gray SAND & GRAVEL	12 11 17		
-35			
DENSE gray SAND & GRAVEL	10 22 13		
-40			
HARD gray SILTY CLAY TILL	16 27 35	7.8 B	10
Same as above	14 26 26	4.9 B	11
-45			

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-2
Sta 612 + 52 WB
O/S 14' Rt

	El.	N	Qu t/sf	W %
Same as above	-45	15 20 30	4.7 B	11
VERY STIFF gray SILTY CLAY TILL		12 18 31	3.3 B	12
-50				
STIFF gray SILTY CLAY TILL		10 18 20	2.1 B	14
SOFT gray SILT		6 12 15	0.4 B	26
-55				
MEDIUM gray SILTY TILL		6 8 10	0.8 B	23
STIFF gray SILTY TILL		6 7 13	1.7 B	18
-60				
VERY STIFF gray/tan SILTY TILL w/LIMEROCK fragments			3.5 B	20
Same as above		11 21 23	2.9 B	16
END OF BORING	-65			
	-70			

	El.	N	Qu t/sf	W %
	-70			
	-75			
	-80			
	-85			
	-90			
	-95			

DESIGNED -	MF
CHECKED -	PDF
DRAWN -	MF
CHECKED -	PDF

BORING LOGS - 1

STRUCTURE NO. 006-0170 EB
STRUCTURE NO. 006-0171 WB

TY·LIN INTERNATIONAL

SHEET NO. 54	F.A. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
59 SHEETS	80	*	BUREAU	344	148
			CONTRACT NO. 66908		
	FED. ROAD DIST. NO. _	ILLINOIS	FED. AID PROJECT		

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