BRIDGE FOUNDATION BORING LOG

PROJECT I-57-6 | BRIDGE FAI Route 57 over Spring Creek | Date March 10, 1965
ROUTE FAI 57 | Bored By C. I. Bassing
SEC 38-8B | STA 1357+52 | Checked By J. E. Safranski
COUNTY Iroquois
S. Abut. E. Bridge
Boring No. #2
Station 1358+07.5
Offset 30' Lt.

Surface Water El. 691.00
Groundwater El. at Completion None
After 19 Hours 652.75

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 698.75			
Stiff Gray CLAY (Till) 657.75			
Hard Olive Gray CLAY LOAM (Till)	30	7.8 S	12
652.75	28	7.2 S	12
Very Stiff Gray Clay LOAM (Till)	16	2.3 B	15
650.25			
Hard Gray LOAM (Till)	51	10.0 S	10
648.25			

N – Standard Penetration Test – Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30"

Qu – Unconfined Compressive Strength – t/sf

w – Water Content – percentage of oven dry weight – %

Type failure
B – Bulge Failure
S – Shear Failure
E – Estimated Value
P – Penetrometer

BRIDGE FOUNDATION BORING LOG

PROJECT I-57-6 | BRIDGE FAI Route 57 over Spring Creek | Date March 11, 1965
ROUTE FAI 57 | Bored By C. I. Bassing
SEC 38-8B | STA 1357+52 | Checked By J. E. Safranski
COUNTY Iroquois
W. Bridge Pier #2
Boring No. #3
Station 1357+71.75
Offset 60' Rt.

Surface Water El. 691.00
Groundwater El. at Completion None
After 21 Hours 690.85

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 693.25			
Medium Brownish Black to Yellowish Brown SILTY CLAY	4	1.0 B	24
687.25	4	1.0 B	22
Hard Brown to Gray CLAY (Till)	13	7.4 B	17
	18	6.2 B	16
	17	5.4 B	15
677.75	18	4.7 B	16

NOTE: This pier was inaccessible to the Foundation Boring Machine. Standard Test Results were obtained through the use of tripod, drive-casing, motorized cathead, and a suspended McCulloch engine to clean out casing

N – Standard Penetration Test – Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30"

Qu – Unconfined Compressive Strength – t/sf

w – Water Content – percentage of oven dry weight – %

Type failure
B – Bulge Failure
S – Shear Failure
E – Estimated Value
P – Penetrometer

BRIDGE FOUNDATION BORING LOG

PROJECT I-57-6 | BRIDGE FAI Route 57 over Spring Creek | Date March 12, 1965
ROUTE FAI 57 | Bored By C. I. Bassing
SEC 38-8B | STA 1357+52 | Checked By J. E. Safranski
COUNTY Iroquois
N. Abut. E. Bridge
Boring No. #4
Station 1356+99.5
Offset 56' Lt.

Surface Water El. 691.00
Groundwater El. at Completion None
After 76 Hours 663.35

Elevation	N	Qu t/s.f.	w (%)
Ground Surface 699.35			
Hard Brown to Gray CLAY (Till)	28	7.9 S	16
683.35	27	6.1 S	17
Very Stiff Gray CLAY (Till)	25	6.0 S	16
	32	6.8 S	18
	28	7.0 B	17
	20	4.7 B	17
	17	3.9 B	18
	16	3.7 B	20

Elevation	N	Qu t/s.f.	w (%)
Very Stiff Gray CLAY (Till)	15	2.9 B	23
673.35	11	2.3 B	24
Stiff Gray CLAY (Till)	9	1.5 B	26
670.85			
Hard Gray SILTY CLAY (Till)	15	3.9 B	21
665.85	17	6.0 B	18
Stiff Gray CLAY (Clear)*	8	1.9 B	31
663.35			
Hard Olive-Gray CLAY LOAM (Till)	15	4.1 B	15
660.85			
Very Stiff Olive Gray CLAY LOAM (Till)	14	2.9 B	16
658.85			

* No Till

N – Standard Penetration Test – Blows per foot to drive 2" O.D. Split Spoon Sampler 12" with 140# hammer falling 30"

Qu – Unconfined Compressive Strength – t/sf

w – Water Content – percentage of oven dry weight – %

Type failure
B – Bulge Failure
S – Shear Failure
E – Estimated Value
P – Penetrometer

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312-565-0450 Job No. 3938.09

FILE NAME = 0380222&0223_66948_029_borlog2.dgn	USER NAME = rgrimm	DESIGNED - JLS	REVISED -
		CHECKED - AAY	REVISED -
	PLOT SCALE =	DRAWN - RMG	REVISED -
	PLOT DATE = 06\18\2011	CHECKED - KJN	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

SOIL BORING LOGS (2 OF 5)
STRUCTURE NO. 038-0222/0223
SHEET NO. S29 OF S41 SHEETS

F.A.I. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
57	(38-8) BR & BR-1	IROQUOIS	73	44
		CONTRACT NO. 66948		
	ILLINOIS FED. AID PROJECT			

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