

BORING NO. 14651

South Abutment
Sta. 56+96
36 ft RT

ELEV (ft.)	DEPTH (ft.)	SPT (blows)	UCS (tsf)	MC (%)
818.69				
		4	1.3	26
814.69				
		6	1.5	30
809.69				
		5	0.7	24
804.69				
		6	3.3	14
		7	1.8	16
799.69				
		15	7.6	14
		14	1.7	13
795.69				
		10	2.1	13
		12	2.9	13
		11	1.9	13
		13	2.9	13
		10	2.3	14
		13	3.1	13
		13	3.3	11
782.19				
		21	3.5	14
779.69				
		20	1.5	14
		19	1.3	14
		23	1.3	13
772.19				
		16	3.1	13
		20	2.9	11
763.94				
		17	3.5	14
759.69				
		21	4.5	12
		15	1.9	13
		19	2.7	12
743.19				
		22	2.5	13

Boring Notes:

- Soil borings were taken on Oct. 16 to Oct. 25, 2007.
- SPT - Standard Penetrometer Test
- UCS - Unconfined Compressive Strength
- MC - Moisture Content
- Unconfined Compressive Strength Failure Mode:
 - B = Bulge Failure
 - S = Shear Failure
 - P = Penetrometer Reading

BORING NO. 14498

Pier
Sta. 58+49
48 ft RT

ELEV (ft.)	DEPTH (ft.)	SPT (blows)	UCS (tsf)	MC (%)
795.49				
		11	3.0	10
788.99				
		13	3.0	14
786.49				
		14	2.5	19
783.99				
		11	2.1	19
		10	3.5	13
		8	2.5	13
		9	2.5	13
776.49				
		7	1.9	14
		9	1.7	13
		11		14
		10	2.1	14
		11	2.0	14
		15	2.1	13
		14	2.9	13
		14	2.5	13
		14	2.5	13
		14	2.5	12
		17	2.5	12
		18	2.5	12
		13	2.1	12
		14	5.0	15
		22	2.9	11

BORING NO. 14498 (CONT.)

Very Stiff to Hard, Gray Moist
CLAY LOAM TILL (continued)

85	23	2.7	11
90	33	3.9	12
95	38	7.2	10
100	29	6.6	12
105	17	1.5	10
110	34	7.4	23
115	14	5.0	15
120	100*		17
125	39	3.1	12

BORING NO. 14333

North Abutment
Sta. 60+14
44 ft RT

ELEV (ft.)	DEPTH (ft.)	SPT (blows)	UCS (tsf)	MC (%)
819.48				
		14	3.0	12
812.98				
		7	1.5	26
		7	1.3	22
		8	3.3	13
		10	3.1	13
		13	1.3	15
802.98				
		12	3.9	15
		11	2.0	13
		10	2.3	13
795.48				
		10	3.9	14
		12	2.3	13
		11	3.1	14
		12	2.3	14
		11	3.3	12
		14	2.6	14
		14	3.3	13
		15	2.7	13
		15	3.3	13
		14	3.5	13
		11	2.1	14
		16	2.0	22
		14	1.9	13
		15	2.5	13
		15	3.3	13
743.98				
		16	3.5	12