

CONTRACT NO. 83806

PSI Professional Service Industries, Inc.
A & H/Flood Engineering

Sh. 1 of 2 Sh.

FOUNDATION BORING LOG

PROJECT: Kelsey Road Bridge Lake Barrington Date: 10-3-01
 E: BHM7003(874) Bored By: _____
 00-00068-07-BR STA. _____ Checked By: T. Dunne

Locality: Lake

Boring No. B-1	Surface Water El. -9.0'
Station West Abutment	Groundwater El. at Completion N/A
Offset 10' LOC	After Hours N/A

Elevation	Blows	Cu (ts./ft.)	w(%)	Soil Description	Soil Class.	Elevation	Blows	Cu (ts./ft.)	w(%)
0				Surface					
				Asphalt 6"					
				Stone Sub-Base 6"					
	4			Brown Silty CLAY, Trace Sand and Gravel, Very Stiff A-6			3		
	4	3.32	17				4	2.47	18
	5						6		
				Gray Silty CLAY, Trace Sand and Gravel, Very Stiff A-6					
	2						5		
	3	2.49	20				7	1.96	18
	4						6		
				Gray LOAM, Trace Wood Pieces, Loose A-4					
	5	2.08	21				4	1.77	19
	7						7		
	6			Gray SAND, Medium to Coarse, Trace Gravel, Dense A-1-c					
	2		19				2		
	3						3	1.02	18
				Gray SAND, Medium to Fine, Trace Gravel, Medium Dense A-3					
	1		18				5		
	1						7	0.98	17
				Gray SAND, Medium to Coarse, Trace Gravel, Medium Dense A-1-a					
	6		15				6		
	6						7		
				Gray SAND, Medium to Fine, Trace Gravel, Medium Dense A-3					
	9		15				5		
	10						6	0.98	17
				Gray SAND, Medium to Coarse, Trace Gravel, Medium Dense A-1-a					
	11		8				7		
	8						8	1.30	21
				Gray Silty CLAY, Trace Sand and Gravel, Very Stiff A-6					
	7						9		
	8		18				12		

FOUNDATION BORING LOG

Sh. 2 of 2 Sh.

No. B-1 PSI File No. _____

Elevation	Blows	Cu (ts./ft.)	w(%)	Soil Description	Soil Class.	Elevation	Blows	Cu (ts./ft.)	w(%)
-45				Gray Silty CLAY, Trace Sand and Gravel, Very Stiff A-6					
				Gray SAND, Medium to Fine, Trace Gravel, Medium Dense to Dense A-3					
	9		19				12		
	12						15		18
				Gray SAND, Medium to Coarse, Trace Gravel, Dense A-1-c					
	16		9				20		
	20						25		
				Gray SAND, Fine to Medium, Trace Gravel, Very Dense A-3					
	18		16				30		
	30						33		
				End of Boring @ 70.0'					
	27		17				28		
	28						36		

End of Boring @ 70.0'

Due to the use of bentonite during drilling, final water level could not be determined.

BORING I

	Rice, Berry and Associates A Division of Hampton, Lenzini and Renwick, Inc. Civil & Structural Engineers 801 S. Durkin Drive Springfield, Illinois 62704 217-546-3400	BORING I SECTION 00-00068-07-BR F.A.U. 3706 / C.H. 30 / KELSEY ROAD LAKE COUNTY STATION 124+70
	Account Number 12-07-0047-1 Date: 01/21/05 DESIGNED: T.P.L. CHECKED: S.W.M. DRAWN: D.T.M.	