



Project: Wells G & H Remedial Investigation
 TDD No.: FI-8409-01
 Sheet: 1 of 2
 Hole No.: S65
 Location: Behind 300 W. Cummings Bldg
 Angle from Horiz. Vertical

Begin: 10 Nov 84
 Completed: 18 Nov 85
 Driller: Buffalo
 Drill Make & Model: CME55
 Hole Dia.: 3.5
 Overburden (ft): 36.4
 Rock (ft): 20
 Total Depth: 56.4

Core Recovery (ft): 20
 Core Bx: 2
 Samples: 7
 El. Top of Casing: S65S 76.78, S65M 76.98, S65D 76.89
 Ground El.: 36.4
 Depth to Top of Rock: 36.4

Sample Hammer Weight/Fall: 140 lbs/30"
 Casing: Solid Sch 80 PVC 1.5" I.D. Screen 0.010 slot
 NUS Inspector: Angers/Baldyga

Depth	Sample No.	ROCK		SOIL		Well Construction	Stratum Description	Notes
		Core/Rec (in)	RQD	Pen/Rec (in)	Depth Interval (ft)			
5	01			24/8	0-2	12/10/10/7	Fill: Sandy loam, some C Gravel S65S Top of Ottawa Sand 3'	1
	02			24/12	3-5	6/8/8/9	BR M SAND and Gravel	
10	03			24/10	8-10	8/10/12/20	F/M SAND, SO Silt, TR Clay, TR Gravel COBBLES	
	04			24/6	13-15	9/11/10/19	F/M SAND, SO Silt, TR Clay, TR Gravel COBBLES	
20	05			24/14	18-20	12/23/40/45	F/M SAND, SO Silt, TR Clay, TR Gravel	
	06			24/10	23-25	17/19/26/35	F/M SAND, SO SILT, TR Clay, TR Gravel S65M Top of Ottawa Sand 25'	
30	07			24/11	26-28	23/15/12/10	S65M Top of screen 27'	
							Boulders and Cobbles to 37.4'	

GRANULAR SOILS		PROPORTIONS		ABBREVIATIONS	
Blows/Ft	Density	USED			
0-4	V. Loose	Trace (TR)	0-10%	F-Fine	
4-10	Loose	Little (LI)	10-29%	M-Medium	
10-30	M. Dense	Some (SO)	29-35%	C-Coarse	
30-50	Dense	And	35-50%	F/M-Fine to Medium	
>50	V. Dense			F/C-Fine to Coarse	
				V-Very	
				GR-Gray	
				BN-Brown	
				YEL-Yellow	

- Well S65S sealed with a 2 foot layer of bentonite pellets from 2' to 4'.
- Well S65M sealed with 10 to 1 (by weight estimated) cement to bentonite slurry from GS to 25'.



Project	TDD No.	Sheet	Hole No.
Wells G & H Remedial Investigation	FL-8409-01	2 of 2	S65
Location			
Behind 300 W. Cummings Bldg			

Depth	ROCK			SOIL			Well Construction	Stratum Description	Notes
	Sample No.	Core/Rec (in)	RQD	Pen/Rec (in)	Depth Interval (ft)	Blows/6"			
35		60/60						S65M Bottom of screen 37' S65D Top of Ottawa Sand 39.2' S65D Top of screen 41.4' Highly competent Salem Gabbrodiorite S65D Bottom of screen 56.4 EOB - 59.2'	3
40		60/60							
45		60/60							
50		60/60							
55									
56.4									

REMARKS:

3. Well S65D sealed with a 10 to 1 (by weight estimated) cement to bentonite slurry from GS to 39.2'.