



Project: Wells G & H Remedial Investigation
 TDD No.: FL-8409-01
 Sheet: 1 of 1
 Hole No.: S63
 Location: NW Corner of Parking Lot 200 W-Cummings
 Angle from Horiz.: Vertical

Began: 1 Nov 85
 Completed: 3 Nov 85
 Driller: Buffalo Drilling Co.
 Drill Make & Model: CME 55
 Hole Dia.: 3.5 ID
 Overburden (ft): 22'
 Rock (ft): 14'
 Total Depth: 36

Core Recovery (ft): 10
 Core Box: 1
 Samples: 5
 El. Top of Casing: S63S 70.04, S63D 69.52
 Ground El.: S63S 70.04, S63D 69.52
 Depth to Top of Rock: 22'

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

Depth	Sample No.	ROCK		SOIL			Well Construction	Stratum Description	Notes
		Core/Rec (in)	RQD	Pen/Rec (in)	Depth Interval (ft)	Blows/6"			
5	01			24/12	0-2	10/7/7/7		Fill: Dark BN to BN sandy loam and GRAVEL, some PEBBLES	1
	02			24/8	3-5	6/8/11/11		Fill: Same as above	
	03			24/24	8-10	15/20/31/52		It BN to BN SAND, fining w/ depth, C to F S63S top of Ottawa Sand 9'	
10								S63S top of screen 12'	2
	04			13 1/2/8	13-14.2	15/120-4"		M/C SAND Refusal at 14.2', COBBLES	
15								F to C SAND, TR Pebbles, TR Silt	2
	05			24/4	18-20	6/26/25/32		S63S Bottom of Screen 22'	
20								BEDROCK: Roller bitted from 22' to 26'. Wash contained highly angular to subangular particles some w/weathered faces. Bedrock is intensely fractured.	2
								S63D top of Ottawa Sand 24'	
25								S63D top of screen 26'	2
								S63D Bottom of screen 36'	
30									2

GRANULAR SOILS PROPORTIONS ABBREVIATIONS

Blows/Ft	Density	USED		
0-4	V. Loose	Trace (TR)	0-10%	F-Fine
4-10	Loose	Little (LI)	10-20%	M-Medium
10-30	M. Dense	Some (SO)	20-35%	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 S63S sealed w/2 foot layer of bentonite pellets from 8' to 10'. Natural backfill to ground surface.
- Well sealed in bedrock with 3 to 1 (by weight) cement to bentonite slurry. Slurry brought to ground surface.