



Project: Wells G & H Remedial Investigation  
 TDD No.: FI-8409-01  
 Sheet: 1 of 2  
 Hole No.: 586  
 Location: 300 ft South of Well G  
 Angle from Horiz.: Vertical

Begun: 4 MAR 85  
 Completed: 6 MAR 85  
 Driller: NEBC  
 Drill Make & Model: Mobile B-47  
 Hole Dia.: 3.5"  
 Overburden (ft): 62  
 Rock (ft): NA  
 Total Depth: 45  
 Core Recovery (ft): NA  
 Core Bxs: NA  
 Samples: 11  
 El. Top of Casing: Sch 80 PVC 1.5" I.D. 0.010 slot  
 Ground El.: S86S-44.66 S86D-44.33  
 Depth to Top of Rock: unknown  
 Sample Hammer Weight/Fall: 140 lbs/30"  
 Casing Screen: NUS Inspector Baldyga

Depth	Sample No.	ROCK		SOIL			Well Construction	Stratum Description	Notes
		Core/Rec (in)	RQD	Pen/Rec (in)	Depth Interval (ft)	Blows/6"			
5	01			24/10	0-2	1/1/1/2	45 BN F/M SAND		
	02			24/24	5-7	13/19/19/19		BN F/C SAND, SO C Gravel, highly angular	
10	03			24/24	10-12	9/8/9/11	It GR to BN M/C SAND, TR F Gravel		
	04			24/8	15-17	8/11/10/11		3 C SAND and M/C Gravel, SO F Gravel	
20	05			24/6	20-22	18/24/21/18	S86S Top of Ottawa Sand 18' S86S Top of screen 20'	1	
	06			24/8	25-27	26/26/18/23		C SAND and M/C Gravel, SO F Gravel, TR F/M Sand	
30	07			24/9	30-32	20/8/11/13	20 15 F/C GRAVEL, SO BN F/C Sand		
								4 S86S Bottom of screen 30' BN M/C SAND, TR F Gravel	2

GRANULAR SOILS PROPORTIONS USED 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

1. S86S sealed in overburden with cement/bentonite slurry from 18' to GS.  
 2. S86S borehole backfilled with cement/bentonite slurry from 62' to 30.5'. .5 ft of Ottawa added at top of slurry for a total depth of 30 ft.



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 TDD No.: F1-8409-01  
 Sheet: 2 of 2  
 Hole No.: S86  
 Location: 300 ft South of Well G

Depth	ROCK			SOFT			Well Construction	Stratum Description	Notes
	Sample No.	Core/Rec (in)	RQD	Pen/Rec (m)	Depth Interval (ft)	Blows/6"			
35								No Sample due to running sands	
40	08			24/4	40-42	16/9/8/9		BN F/C SAND and F/C Gravel	
45	09			24/9	45-47	8/1/3/8		BN F/C SAND, TR F Gravel S86M Top of Ottawa sand 45' S86M Top of screen 47'	3
50	10			24/12	50-52	2/2/5/8		dk BN F SAND S86M Bottom of screen 52'	4
55				1/0	55	120		dk GR - TILL	
60	11			6/6	60	185		EOB 62'	
65									

REMARKS:

- S86M sealed in overburden with cement/bentonite slurry from 45' to GS.
- Borehole backfilled from 62' to 52.5'. .5' of Ottawa sand added at top of slurry to a total depth of 52'.