



Project: Wells G & H Remedial Investigation
 TDD No.: F1-8409-01
 Sheet: of 3
 Hole No.: S85

Location: 500 ft North of Well H
 Angle from Horiz. Vertical

Begun: 20 FEB 85
 Completed: 26 FEB 85
 Driller: NEBC
 Drill Make & Model: Mobile B-47
 Hole Dia.: 3.5"
 Overburden (ft):
 Rock (ft): NA
 Total Depth:

Core Recovery (ft): NA
 Core Bxs: 0
 Samples: 11
 El. Top of Casing:
 Ground El.: S85M-46.09 S85S-46.08
 Depth to Top of Rock: unknown

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

Depth	Sample No.	ROCK		SOIL			Well Construction	Stratum Description	Notes
		Core/Rec (in)	RQD	Pen/Rec (in)	Depth Interval (ft)	Blows/6"			
5	01			24/14	0-2	1/1/3/2	46 BN F SAND, SO M Sand		
	02			24/24	5-7	7/11/12/14		1t BN F/M SAND	
	03			24/14	10-12	3/5/5/5		GR-BN F SAND, TR C Gravel	
15	04			24/18	15-17	3/3/3/5	1t GR F Sand		
	05			24/18	20-22	1/1/3/5	S85S Top of Ottawa sand 18' S85S Top of screen 20' 1t GR-BN F SAND	1	
	06			24/18	25-27	30/36/24/2	C SAND and Gravel, SO 1t BN F Sand		
30	07			24/10	30-32	11/17/21/25	15 S85S Bottom of screen 30' BN M SAND, SO F Sand		

GRANULAR SOILS		PROPORTIONS		ABBREVIATIONS	
Blows/Ft	Density	USED			
0-4	V. Loose	Trace (TR)	0-10%	F-Fine	M-Medium
4-10	Loose	Little (LI)	10-29%	C-Coarse	
10-30	M. Dense	Some (SO)	20-35%	F/M-Fine to Medium	
30-50	Dense	And	35-50%	F/C-Fine to Coarse	
>50	V. Dense			V-Very	
				GR-Gray	
				BN-Brown	
				YEL-Yellow	

1. S85S sealed in overburden with cement/bentonite slurry from 18' to GS. Borehole backfilled from 62' to 30'.



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 Hole No.: S85
 Location: 500 feet North of Well H

Depth	ROCK			SOIL			Well Construction	Stratum Description	Notes	
	Sample No.	Core/Ret. (in)	RQD	Pen/Ret. (in)	Depth Interval (ft)	Blows/6"				
	08			24/22	35-37	7/15/12/14		BN C SAND, SO C Gravel, TR F Sand, TR Silt		
40										
	09			24/14	40-42	6/31/50/83			C SAND, SO F/M Gravel, TR C Gravel	
45									No samples collected due to running sands 45-65'	
50										
55										
60										
65				9/3	65	120/30.3			S85M Top of sand 64' S85M Top of screen 65' C SAND with schistose rock fragments	2

REMARKS:

2. S85M sealed in overburden with cement/bentonite slurry from 64' to GS.



Project
Wells G & H Remedial Investigation

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Plot No.
S85

Location
500 feet North of Well H

Depth	ROCK			SML			Well Construction	Stratum Description	Notes
	Sample No.	Cor. Rec (in)	RQD	Pen/Rec (in)	Depth Interval (ft)	Blows/6"			
70				4/2	70	120.4	<p>- 30</p>	Subangular schistotic rock fragments S85M Bottom of screen 71' Gabbrodiorite boulder casing will not advance	
	36/36								

REMARKS: