



Project: Wells G & H Remedial Investigation
 TDD No.: F1-8409-01
 Sheet: 1 of 3
 Hole No.: S83
 Location: Aberjona Auto Parts
 Angle from Horiz. Vertical

Begun: 28 FEB 85
 Completed: [Blank]
 Driller: NEBC
 Drill Make & Model: Mobile B-53
 Hole Dia.: 3.5"
 Overburden (ft): 80
 Rock (ft): NA
 Total Depth: 80
 Core Recovery (ft): NA
 Core Bxs: NA
 Samples: 17
 El. Top of Casing: [Blank]
 Ground El.: S83D-48.09
 Depth to Top of Rock: unknown
 Sample Hammer Weight/Fall: 140 lbs/30"
 Casing: Solid Sch 80 PVC 1.5" I.D.
 Screen: 0.010 slot
 NUS Inspector: Markt

Depth	Sample No.	ROCK		SOIL			Well Construction	Stratum Description	Notes
		Core/Rec (in)	RQD	Pen/Rec (in)	Depth Interval (ft)	Blows/6"			
5				24/0	0-2	13/7/5/6	48	BN F SAND	
	01			24/14	5-7	8/8/10/13			
10				24/24	10-12	14/16/17/21	15	GR-Green F SAND and Silt	
	02								
15				24/24	15-17	2/3/5/7	15	GR-Green F SAND and Silt	
	03								
20				24/24	20-22	1/2/2/3	15	GR-Green F SAND and Silt	
	05								
25				24/23	25-27	2/3/4/6	15	GR-Green F SAND and Silt	
	06								
30				24/24	30-32	3/4/6/8	15	GR-Green F SAND and Silt	
	07								

GRANULAR SOILS PROPORTIONS

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

ABBREVIATIONS

- V-Very
- GR-Gray
- BN-Brown
- YEL-Yellow



Project
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TDD No.
FI-8409-01

Sheet
2 of 3

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	Sample No.	Core/Rec (in)	RQD	Pen/Rec (in)	Depth Interval (ft)			
	07			24/24	35-37	6/5/11/10	DK GR SILT and Clay SO red-BN F SAND	
40	08			24/24	40-42	5/9/9/20	GR F/C Sand, TR C Gravel	
45	09			24/4	45-47	120.4	F/C GRAVEL, SO C Sand Boulders	
50	10			24/24	50-52	9/13/15/38	M/C BN SAND	
55	11			24/2	55-57	24/13/8/8	BN C SAND	
60	12			24/24	60-62	5/11/20/28	BN C SAND	
65	13			24/18	65-67	30/29/100 R	BN C SAND and F/M Gravel S83M Top of Ottawa Sand 66'	1

REMARKS:

- S83M sealed in overburden with cement/bentonite slurry from 66' to GS.



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Sheet
3 of 3

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	Sample No.	Core/Re. (in)	RQD	Pen/Rec. (in)	Depth Interval (ft)	Blows/6"				
70	14			24/8	70-72	17/21/22/26		S83M Top of screen 70' M/C BN SAND, SO F Gravel TR F Sand	2	
75	15			24/24	75-77	22/23/38/41		BN M SAND, SO C Gravel, TR F Sand		
80	16			24/6	80-82	14/17/21/33		S83M Botton of screen 80' BN Silt, TR F SAND		
85	17			24/24	85-87	48/58/46/90		BC SAND EOB 87'		

REMARKS:

2. S83M borehole backfilled with cement/bentonite slurry to 80.33'. Four inches of Ottawa Sand added to bring the bottom of the well to 80.0'.