



Project
Wells G & H Remedial Investigation

TDD No.
FI-8409-01

Sheet
1 of 3

Hole No.
S80

Location
Behind Lechmere Warehouse

Angle from Horiz. Vertical

Began
20 NOV 84

Completed

Driller
BDC

Drill Make & Model
CME 55

Hole Dia.
3.5"

Overburden
(ft)
65

Rock (ft)
NA

Total Depth
65

Core Recovery (ft)
NA

Core Bxs
0

Samples

El. Top of Casing

Ground El.

S80M-48.68 S80S-48.66

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
Angers

Depth	Sample No.	ROCK		SOIL		Well Construction	Stratum Description	Notes
		Core/Rec (in)	RQD	Pen/Rec (in)	Depth Interval (ft)			
5	01			24/18	0-2	9/18/18/33	F/C SAND and Gravel	
	02			24/12	3-5	18/49/73/29	F/C SAND and Gravel, SO Pebbles very angular	
10	03			24/20	8-10	5/5/6/4	GR-BN F SAND and Silt, micaceous	
	04			24/24	13-15	4/3/4/6	GR-BN F SAND and Silt, micaceous	
20	05			24/24	18-20	3/8/8/10	F SAND and Silt, micaceous, iron stained	
	06			24/22	23-25	5/9/13/13	F SAND, LI Silt	
30	07			24/16	28-30	29/26/26/38	M/C GRAVEL and SAND, SO Silt	

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	



Project: Wells G & H Remedial Investigation
 TDD No.: FI-8409-01
 Sheet: 2 of 3
 Hole No.: 580
 Location: Behind Lechmere Warehouse

Depth	ROCK			SML			Well Construction	Stratum Description	Notes
	Sample No.	Core/Rec (in)	RQD	Pen/Rec (in)	Depth Interval (ft)	Blows/6"			
40	08			24/3	35-37	27/22/22/23		C GRAVEL, SO Silt, TR Clay	
								C GRAVEL, SO C SAND, LT Silt, TR, Clay	1
	09			24/4	40-42	9/20/22/21		S80S Top of Ottawa Sand 42'	
								S80S Top of Screen 45'	
45								M/C SAND, TR F GRAVEL	
	10			24/16	45-47	9/19/22/27			
								Nested boulders	2
								S80M Top of Ottawa Sand 53'	
								S80M Top of screen 55'	
								S80S Bottom of screen 55'	
55								F/C GRAVEL, TR Silt, TR Clay	
	11			7/3	55	40/140 R			
60									
65									
				14/8	67-69	40/60/100R			
							S80M Bottom of screen 65'		
							F/C GRAVEL, M/C SAND LT Silt, TR Clay, TR F SAND		

REMARKS:

EOB - 70'

- S80S sealed in overburden with cement/bentonite slurry from 42' to GS.
- S80M sealed in overburden with cement/bentonite slurry from 53' to GS.
- Borehole backfilled to 65' due to the shearing off of drilling tool at 72'. Hole backfilled with bentonite to 65.5 a half foot of Ottawa sand emplaced above that to 65'.

