



**SNC-LAVALIN**  
Environment

Client :  
Shell Canada Products

**Borehole No. : 08-7**

Location :  
13th and Lonsdale, North Vancouver, BC

(Page 1 of 2)

Drilling Contractor: McRae's Environmental/Uniwid Drilling  
Drilling Method : Hydrovac/Solid Stem Auger  
Borehole Dia. (m) : 0.20  
Pipe/Slotted Pipe Dia. (m): 0.05, 0.05

Date Monitored : 2009 02 23  
Ground Surf Elev. (m) : 90.49  
Top of Casing Elev. (m) : 89.784

Project Number : 133013  
Borehole Logged By : PEO  
Date Drilled : 2008 06 26  
Log Typed By : AG

Depth in Metres	Drilling Legend	Water/NAPL Levels	Stratigraphy Plot	Sample Interval/ Core Run	Sample Number	Blow Count	% Recovery	Soil Vapour (ppm)				Well Name: MW08-7
	Sample Interval Day-Lighting Auger Flight	Water Level 1 Water Level 2 NAPL NAPL						○ Reading within indicated scale ● Reading outside indicated scale				
Soil Description											Solid PVC Slotted PVC	
0	ASPHALT						100					Road Box
	SAND (FILL), medium to coarse grained, some fine gravel, subangular, trace silt, brown, dense, damp.				7-1			○ 20				CONCRETE
1	SAND, medium to coarse grained, some coarse gravel, subangular, and cobbles, brown, dense, damp.				7-2			○ 25				SAND
					7-3		100	○ 10				
2	SAND, medium to coarse grained, some fine gravel, subangular, trace silt, brown, dense, damp.				7-4			○ 25				BENTONITE
					7-5		100	○ 10				
3	SAND, medium to coarse grained, some silt, some fine gravel, subangular, trace cobbles, brown and grey, dense, damp.				7-6			○ 20				
					7-7		100	○ 25				
4	SAND, medium grained, some silt, some fine gravel, subangular, grey, very dense, damp.				7-8			○ 125				
					7-9		100					SAND
5	SAND, medium grained, some silt, trace fine gravel, subangular, grey, soft, damp.				7-10			○ 20				
					7-11		100	○ 50				
6					7-12			○ 10				
					7-13		100					BENTONITE
7	SAND, medium grained, silty, trace fine gravel, subangular, grey, stiff, moist.				7-14							
					7-15		100					
8					7-16			○ 10				
9							100					
10												

...Continued

**Notes:**

Sample 7-9 is a blind field duplicate of sample 7-8.  
Sample 7-15 is a blind field duplicate of sample 7-14.  
Hollow Stem Auger was also used in drilling.



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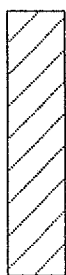
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	Sample Interval	Day-Lighting	Auger Flight	Water Level 1						Water Level 2	NAPL	NAPL	1	
10	Below 10 m - soft.													 BENTONITE
11	Below 10.3 m - wet.					7-17		100						
12						7-18								
12.2	End of borehole at 12.2 m.													
13														
14														
15														
16														
17														
18														
19														
20														

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Print Date: 2010 04 06, Date Approved: 2008 07 07