

MONITORING WELL ID: MW06-01

Location: 32740 Lougheed Highway, Mission, BC
 Drilling Contractor: Rocky Mountain/Uniwide Drilling
 Drilling Equipment/Method: Daylight/Hollow Stem Auger

KEYSTONE ENVIRONMENTAL

Project Name/No.: Chevron Mission (SS0741)
 Client: Chevron Canada Limited
 Engineer/Geologist: AYL/EKS
 Date: June 30, 2006

Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed (Y,N)	Sample ID	Headspace		Elevation (m)	Well Construction	Remarks
							ppm 0 100 300 500	LEL in % 0 20 60 100			
0		Ground Surface							100.21		
0 - 1	X	FILL Brown-grey, silty medium grained sand FILL, trace clay and gravel, loose, moist.	G		N	MW06-01 (1')	0.0			<p>Flushmount and Concrete Bentonite Seal Well Screen and 10/20 Filter Sand Bentonite Seal</p>	
1 - 2	X	Organic matter (bark) between 0 and 0.4 metres	G		Y	MW06-01 (2.5')	0.0				
2 - 4	X	Orange mottling between 0.8 and 1.5 metres									
4 - 5	X		G		Y	MW06-01 (5')	0.0				
5 - 6	X						0.0				
6 - 7	X			5%	N	MW06-01 (6')			98.23		
7 - 8	■	PEAT (PT) Brown PEAT, dry to moist, organic matter (solid wood debris)					75.0				
8 - 9	■			50%	N	MW06-01 (8')					
9 - 10	■			50%	N	MW06-01 (9')	280.0				
10 - 11	■	CLAY (OL) Olive grey CLAY, some silt, soft, moist, low plasticity, some organic matter (peat, bark).							97.16		
11 - 13	■			100%	Y	MW06-01 (11')	0.0				
13 - 14	■	High organic content (peat) between 3.8 and 4.6 metres.					25.0				
14 - 16	■	Some charcoal organic content below 4.6 metres.									
16 - 17	■			100%	N	MW06-01 (16')	0.0		95.03		
17 - 18		End of Hole									

Location of Well: North west portion of Site
 Date of Water Level: July 5, 2006
 Water Level (Top of Casing): 1.796 m
 Co-ordinates: 49 7' 57.3" N, 122 19' 4.8" W

Well-Borehole Diameter: 25 mm
 Well Casing Diameter: 5.5 cm
 Well Casing Material: PVC
 Well Screen Slot Size: 10 mm slot

Depth of Well (TOC): 4.531 m
 Well Elevation (TOC): 100.212 m
 Well Elevation (Ground): 100.372 m