

Borehole Log
Site ID: 17263
Submission date: 2015-09-03

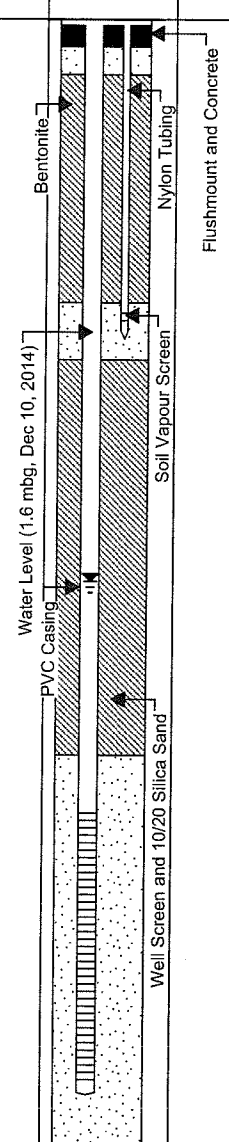
MONITORING WELL ID: MW14-1



Well Type: Groundwater and Soil Vapour
 Project Location: 6560 McMillan Way, Richmond, BC
 Drilling Contractor: Omega Environmental Drilling Ltd.
 Drilling Equipment/Method: Solid/Hollow Stem Augers
 Well Location: 2 m west of diesel AST

Project Name/No.: 12361-02
 Client: Beedie Development Group
 Engineer/Geologist: GF
 Drill Date: December 8, 2014 Page: 1 of 1

Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)				Well Construction	Remarks
							0	500	1000	1500		
0		Ground Surface										
0		Asphalt										
0.3		SAND Grey, fine to medium-grained SAND, some silt, trace medium-grained gravel. Dense, moist, hydrocarbon-like staining and/or odours were not observed.	70		N	MW14-1 (0.3)	0.3					
0.9		Silty SAND Grey, fine to medium-grained Silty SAND, trace clay, some fine-grained gravel, some orange mottling. Very dense, moist, hydrocarbon-like staining and/or odours were not observed.	70		N	MW14-1 (0.9)	0.4					
1.5			70		Y	MW14-1 (1.5)	0.6					
2.1		SILT Grey, SILT, some fine-grained sand, some clay. Very stiff, moist, medium plasticity, hydrocarbon-like staining and/or odours were not observed.	70		N	MW14-1 (2.1)	0.6					
2.6			70		N	MW14-1 (2.6)	0.0					
3.0			80		N	MW14-1 (3.0)	0.0					
3.6		Transitions to soft, saturated, silty sand at approximately 3.8 mbgs	80		N	MW14-1 (3.6)	0.0					
4.3			80		N	MW14-1 (4.3)	0.0					
4.9			80		N	MW14-1 (4.9)	0.0					
5.5			80		N	MW14-1 (5.5)	0.0					
6.1			80		N	MW14-1 (6.1)	0.0					
21		End of Hole										



Date of Water Level: December 9, 2014
 Water Level (from TOC): 3.0 m

Well-Borehole Diameter: 0.3 m
 Well Casing Diameter: 5.1 cm
 Well Casing Material: PVC
 Well Screen Slot Size: 0.025 cm

Depth of Well (TOC): 5.71 m

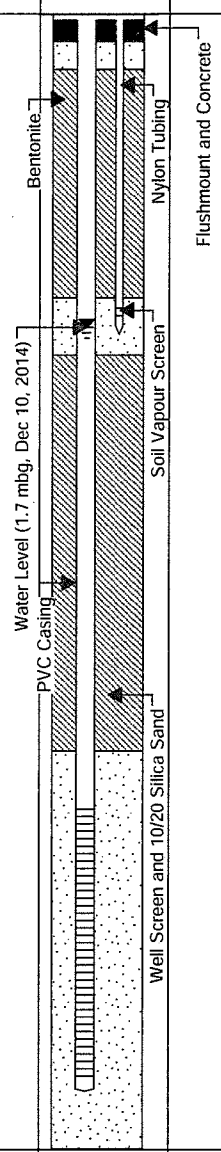
MONITORING WELL ID: MW14-2



Well Type: Groundwater and Soil Vapour
 Project Location: 6560 McMillan Way, Richmond, BC
 Drilling Contractor: Omega Environmental Drilling Ltd.
 Drilling Equipment/Method: Solid/Hollow Stem Augers
 Well Location: 2 m northwest of storage shed

Project Name/No.: 12361-02
 Client: Beedie Development Group
 Engineer/Geologist: GF
 Drill Date: December 9, 2014 Page: 1 of 1

Depth (ft/m)	Symbol	Soil / Sediment Description	Sample Type	% Recovery	Sample Analyzed	Sample ID	Headspace (PID)				Well Construction	Remarks	
							0	500 ppm	1000	1500			2000
0		Ground Surface											
0		Asphalt											
0.3		SAND Brown, fine to medium-grained SAND, trace fine gravel. Loose, moist, hydrocarbon-like staining and/or odours were not observed.	●		Y	MW14-2 (0.3)							
0.9			●		N	MW14-2 (0.9)							
1.5		Silty SAND Grey, fine to medium-grained Silty SAND, trace fine gravel. Dense, moist, hydrocarbon-like staining and/or odours were not observed.	●		N	MW14-2 (1.5)							
2.1			●		N	MW14-2 (2.1)							
2.6		Clayey SILT Light grey, Clayey SILT, some fine-grained sand. Very stiff, moist, low plasticity, hydrocarbon-like staining and/or odours were not observed.	●		N	MW14-2 (2.6)							
3.3			●		N	MW14-2 (3.3)							
4.0		Sandy SILT Grey, fine-grained Sandy SILT, trace clay, some orange mottling. Soft, moist, hydrocarbon-like staining and/or odours were not observed.	●		N	MW14-2 (4.0)							
4.6		Transitions to saturated silty sand at approximately 4.0 mbgs	●		N	MW14-2 (4.6)							
5.2			●		N	MW14-2 (5.2)							
5.8			●		N	MW14-2 (5.8)							
20		End of Hole											



Date of Water Level: December 9, 2014
 Water Level (from TOC): 1.9 m

Well-Borehole Diameter: 0.3 m
 Well Casing Diameter: 5.1 cm
 Well Casing Material: PVC
 Well Screen Slot Size: 0.025 cm

Depth of Well (TOC): 5.75 m