

**BOREHOLE LOG**

BOREHOLE NO: **BH06-2**  
SURFACE ELEVATION: 99.21 m

DEPTH (m)	SAMPLE TYPE	SAMPLE ID	SPT COUNT	SOIL TYPE	SOIL DESCRIPTION	FIELD TEST DATA				WELL COMPLETION	WATER LEVEL	WELL COMPLETION NOTES	ELEVATION (m)
						ORGANIC VAPOUR LEVEL (ppmv)							
						1	10	100	1000				
0			0		Asphalt								99
0.1		2-1/ 2-GS1			Gravelly SAND fine to medium sand, greyish brown, moist			25				roadbox, jplug, cement silica sand	99
0.2		2-2			Silty SAND fine sand, some clay, some organics, grey/brown mottled, moist			75					
1.1		2-3			becomes trace gravel at 1.1 m			60				GW = 1.13 mbg (March 20, 2006) bentonite seal	98
2.4		2-4	3		becomes no gravel, grey with brown-orange mottles at 2.4 m			20				50 mm solid PVC pipe	97
2.6		2-5	4		fine sand lenses at 2.6, 2.7, and 2.9 m			25					
2.7		2-6	5										
2.9		2-6	7										
3.7		2-6	1		becomes wet, dark grey at 3.7 m							50 mm Ø10 slot PVC pipe	95
4.4		2-7	0										
5.5		2-8/ 2-GS2	0									end cap	94
6.1		2-9/ 2-GS2	0									backfilled with bentonite	
6.1					End of borehole at 6.1 m								

Well Completion Details:  
Screened interval from 2.4 m to 5.5 m below surface  
Elevation at top of pipe (TOP) = 99.058 m

Groundwater Information:  
Depth to groundwater from TOP = 0.98 m (March 20, 2006)

SEACOR CANADA V5 WALNUT GROVE BH06-1 TO 6 AND BH07-3.GPJ SEACOR CANADA V5.GDT 12/28/07

TABLE G1: HYDRAULIC CONDUCTIVITY VALUES				
Walnut Grove Esso				
Monitoring Well	Single Well Response Test Results			Saturated Screen Length Stratigraphy
	Individual (m/s)	Arithmetic Mean (m/s)	Geometric Mean (m/s)	
BH06-2	$1.2 \times 10^{-7}$	$1.3 \times 10^{-7}$	$1.3 \times 10^{-7}$	Silty SAND, Clayey SILT, Silty CLAY
	$1.3 \times 10^{-7}$			
BH06-3	$1.4 \times 10^{-7}$	$1.5 \times 10^{-7}$		
	$1.5 \times 10^{-7}$			
BH06-5	$1.2 \times 10^{-7}$	$1.2 \times 10^{-7}$		

Notes:

m/s - metres per second