

BOREHOLE LOG

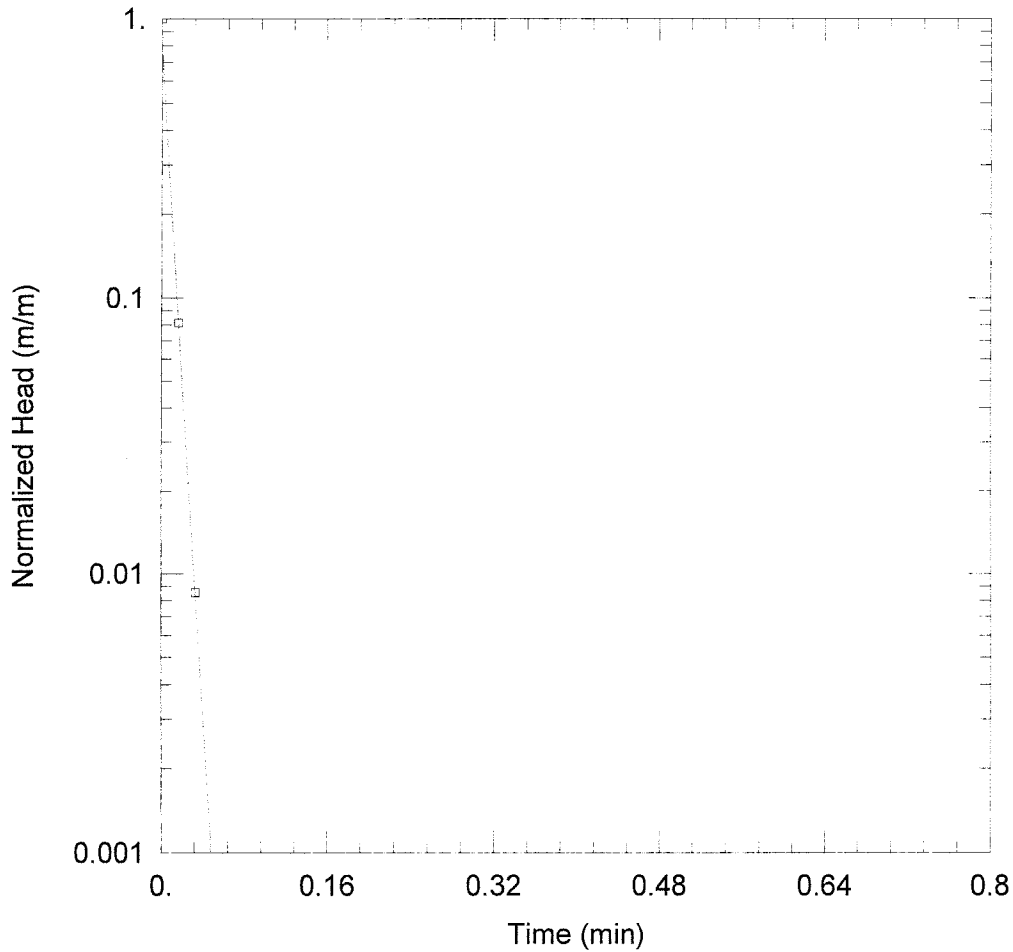
PROJECT: Environmental Site Assessment	REF. NO: 10-9146	BOREHOLE NO: BH6
LOCATION: 50 Station Rd., Lillooet, British Columbia	TPC ELEV.: 28.90 m	START DATE: 2010/10/25
CLIENT: Imperial Oil Limited	GRADE ELEV.: 29.09 m	COMPLETION DATE: 2010/10/29
BENCHMARK: Nail in power pole on west side of subject property. ASSIGNED ELEVATION 30.00 m		PAGE 1 of 1

Depth (m) Water Level	STRATIGRAPHY DESCRIPTION	MATERIAL TYPE	SAMPLING				SAMPLE NAME/ LAB ANALYSES	SOIL VAPOUR CONCENTRATION (ppm)				SOIL VAPOUR CONCENTRATION (%LEL)				COMMENTS AND MONITORING WELL NOTES	MONITORING WELL	Depth (ft) Water Level
			NUMBER	SAMPLE TYPE	'N' VALUE	RECOVERY %		100	200	300	400	20	40	60	80			
0	SAND - brown, silty, trace cobbles, trace gravel, damp		1	G	-	-	BH6-0.61m/BTEX, VPH, EPH										0	
1	- gravelly, some silt, trace cobbles below 1.2 m		2	G	-	-											1	
2			3	C	-	-											2	
3			4	C	-	-											3	
4			5	C	-	-											4	
5			6	C	-	-											5	
6			7	C	-	-											6	
5			8	C	-	-	BH6-4.9m/BTEX, VPH, EPH										5	
6	SILT - gray, trace sand, wet		9	NR	-	-											6	
7			10	C	-	-	BH6-6.1m/BTEX, VPH, EPH										7	
8			11	C	-	-											8	
9			12	C	-	-											9	
10			13	C	-	-											10	
11			14	C	-	-											11	
12			15	C	-	-											12	
10	END OF HOLE AT 9.1 m															10		

PARSONS BOREHOLE LOG - 10-9146.GPJ SOIL LOG (REV 2).GDT 12/09/27

PARSONS

LOGGED BY: TJL	DAYLIGHTING TO: 1.2 m	GAS METER TYPE: RKI Eagle
REVIEWED BY: JAL	EQUIPMENT: 1984 International/Sonic	
DRAFTED BY: ERM	METHOD: Hydrovac/Sonic	BOREHOLE DIA: 15 cm



WELL TEST ANALYSIS

Data Set: U:\...9146 - ANALYSIS - BH6 (Test 1).aqt
 Date: 10/01/12 Time: 16:48:34

PROJECT INFORMATION

Company: O'Connor Associates
 Project: 10-9146
 Location: 50 Station Rd, Lillooet BC
 Test Well: BH6
 Test Date: 2012-04-25

AQUIFER DATA

Saturated Thickness: 20. m Anisotropy Ratio (Kz/Kr): 0.1

WELL DATA (BH6)

Initial Displacement: 0.234 m Static Water Column Height: 1.924 m
 Total Well Penetration Depth: 2.5 m Screen Length: 2.5 m
 Casing Radius: 0.025 m Well Radius: 0.076 m

SOLUTION

Aquifer Model: Unconfined Solution Method: Hvorslev
 K = 0.001323 m/sec y0 = 0.1793 m