

## BOREHOLE LOG

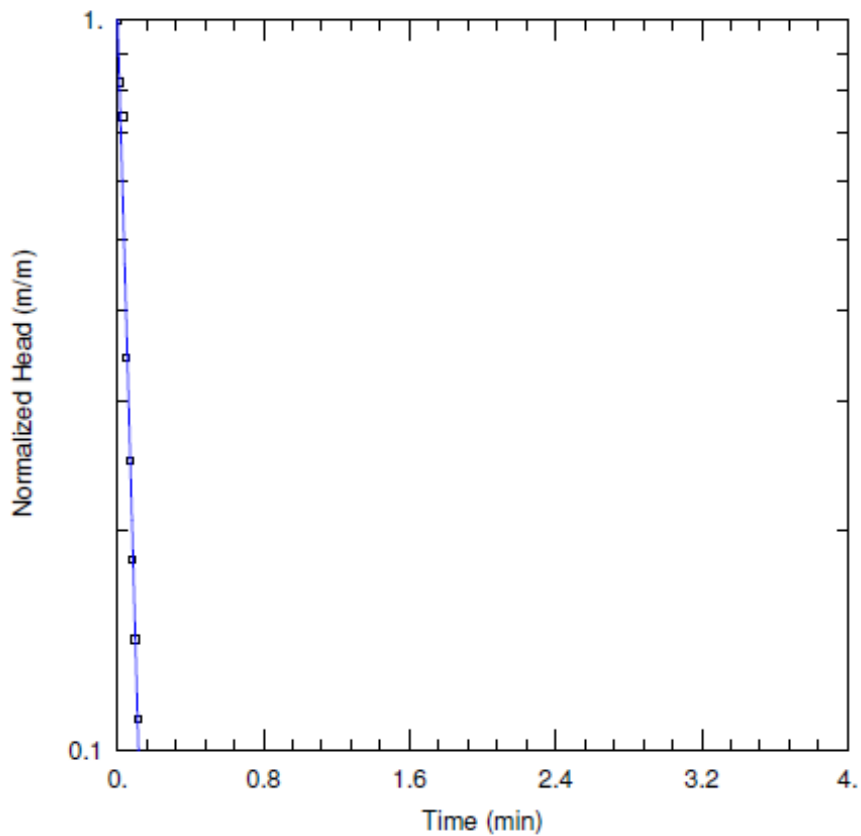
PROJECT: Environmental Site Assessment	REF. NO: 10-8485	BOREHOLE NO: <b>BH40</b>
LOCATION: 216 Westminster Avenue, Penticton, British Columbia	TPC ELEV.: 345.20 m	START DATE: 2012/07/25
CLIENT: Imperial Oil Limited	GRADE ELEV.: 345.30 m	COMPLETION DATE: 2012/07/26
BENCHMARK: Integrated Control Monument #4813 ELEV: 345.64 m		PAGE 1 of 1

Depth (m) Water Level	STRATIGRAPHY DESCRIPTION	MATERIAL TYPE	SAMPLING			▲ SOIL VAPOUR CONCENTRATION (ppm) 100 200 300 400	◆ SOIL VAPOUR CONCENTRATION (%LEL) 20 40 60 80	COMMENTS AND MONITORING WELL NOTES	MONITORING WELL	Depth (ft) Water Level
			NUMBER	SAMPLE TYPE	N' VALUE					
0	SAND - brown, dry - some cobbles, some gravel, trace silt to 1.8 m		1	G	-					
1			2	G	-					
2	- wet below 1.8 m - silty between 1.8 m and 3.0 m		3	G	-					
3			4	G	-			Potentiometric Depth on 2012/09/04		
4	- some silt below 3.0 m		5	G	-					
5	END OF HOLE AT 4.9 m		6	G	-					
			7	G	-			Monitoring Well Installed to 4.3 m, 50 mm Dia. PVC Pipe, Screened from 1.5 m to 4.3 m		
			8	G	-					

PARSONS BOREHOLE LOG 10-8485.GPJ SOIL LOG (REV 2).GDT 12/10/17

# PARSONS

LOGGED BY: RDF	DAYLIGHTING TO: 1.2 m	GAS METER TYPE: RKI Eagle
REVIEWED BY: JAB/CNS	EQUIPMENT: Hydrovac-Excavator/Truck Mounted M10	
DRAFTED BY: VJD	METHOD: Hydrovac/Solid Stem Auger	BOREHOLE DIA.: 15 cm



<u>WELL TEST ANALYSIS</u>	
Data Set: <u>U:\...\10-8485 - ANALYSIS - BH40 (Test 1).agt</u>	Time: <u>16:44:19</u>
Date: <u>06/09/15</u>	
<u>PROJECT INFORMATION</u>	
Company: <u>Parsons</u>	
Project: <u>10-8485</u>	
Location: <u>216 Westminster Ave, Penticton</u>	
Test Well: <u>BH40</u>	
Test Date: <u>2014-11-28</u>	
<u>AQUIFER DATA</u>	
Saturated Thickness: <u>3. m</u>	Anisotropy Ratio (Kz/Kr): <u>0.1</u>
<u>WELL DATA (BH40)</u>	
Initial Displacement: <u>0.345 m</u>	Static Water Column Height: <u>1.976 m</u>
Total Well Penetration Depth: <u>2. m</u>	Screen Length: <u>2. m</u>
Casing Radius: <u>0.025 m</u>	Well Radius: <u>0.076 m</u>
<u>SOLUTION</u>	
Aquifer Model: <u>Unconfined</u>	Solution Method: <u>Bouwer-Rice</u>
K = <u>0.0001614 m/sec</u>	y0 = <u>0.3587 m</u>