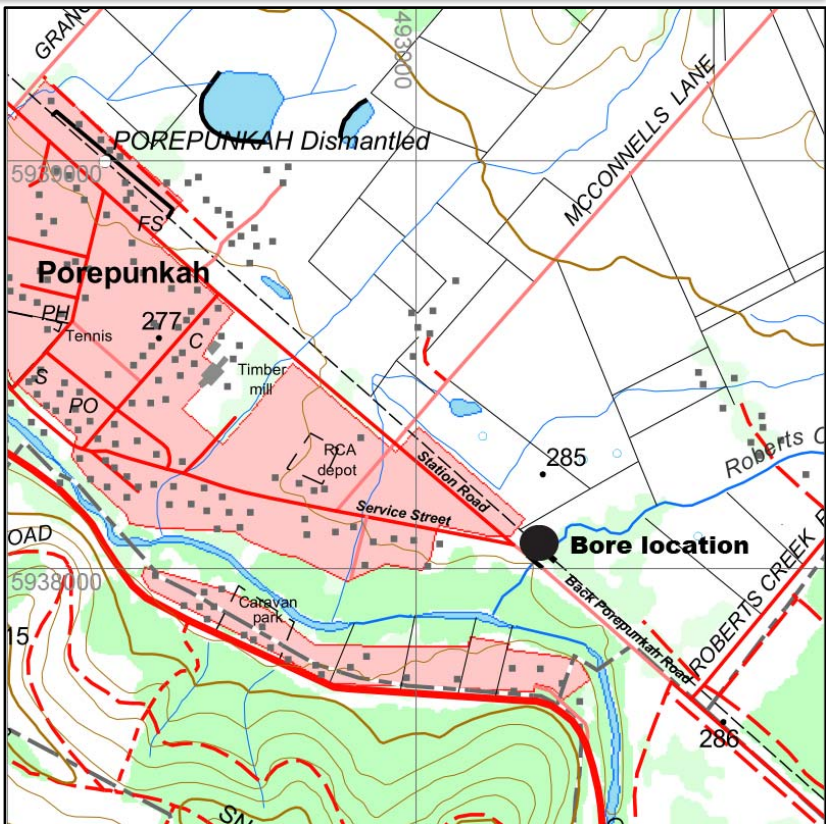




Borehole Infrastructure Report

Site Data

Site Code	WRK 068290	
Site Name	Porepunkah	
Region	Ovens River, VIC	
Easting	GDA94 Zone 55	493303
Northing		5938043
Elevation (m AHD)	295.46	
Bore Depth (m)	6	
Screen Length (m)	2	
Screen Top (m)	5	
Screen Bottom (m)	6	
Bore Top	Monument	
Top of Pipe (m)	0.878	
Date Completed	14 th March 2012	



Construction details

Borehole Type	Monitoring Bore
Installed by	Monash University
Drilled by	Alpine Drilling Pty Ltd
Drilling Method	Advanced Casing
Screen Type	Slotted PVC
Casing size / Type	80 mm Class A PVC
Development Details	



Description and Comments: Nested bores opposite site of roundabout on Tip Road next to Roberts Creek. The borehole is finished in the alluvial deposits of the Ovens Valley.

Continuous Data: Continuous water depth and EC data are available for this site, measured with In Situ Aquatroll 200 at 30 minute intervals.

Infrastructure Report by:

Dr Harald Hofmann

Contact Details:

Checked by: Prof Ian Cartwright

Ian.Cartwright@monash.edu

Groundwater Chemistry

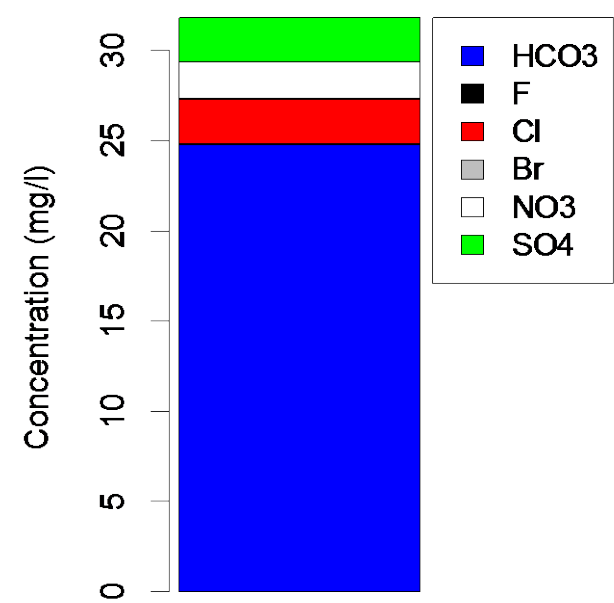
Field Data	
Date of Sampling	28.05.2012
Depth Below Natural Surface (m)	2.814
Reduced Water Level (m)	292.65
EC (µS/cm)	69.8
pH	5.78
DO (mg/l)	2

Stratigraphy:

0- 6 m Gravels

Anions		Cations		Isotopes	
HCO ₃ (mg/L)	24.77	Li (µg/L)	0.40	Radon (Bq/m ³)	79260
F (mg/L)	0.04	Na (mg/L)	3.10	δ ¹⁸ O (‰)	-6.5
Cl (mg/L)	2.48	Mg (mg/L)	3.02	δ ² H (‰)	-39
Br (mg/L)	0.03	K (mg/L)	1.23	δ ¹³ C (‰)	-19.6
NO ₃ (mg/L)	2.04	Ca (mg/L)	4.61	¹⁴ C pMC	105.10
SO ₄ (mg/L)	2.45	Mn (µg/L)	7.83	Tritium (TU)	1.627
		Fe (µg/L)	83.69		
		Sr (µg/L)	37.58		
		Ba (µg/L)	10.79		

Anions



Cations

