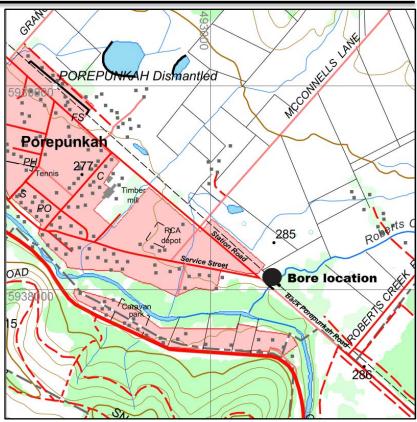


Borehole Infrastructure Report

An Australian Government Initiative

Site Data				
Site Code		WRK 068289		
Site Name		Porepunkah		
Region		Ovens River, VIC		
Easting	GDA94	493292		
Northing	Zone 55	5938063		
Elevation (m AHD)				
Bore Depth (m)		60		
Screen Length (m)		6		
Screen Top (m)		53		
Screen Bottom (m)		59		
Bore Top		Monument		
Top of Pipe (m)		0.944		
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	80mm Class A PVC		
Development Details			



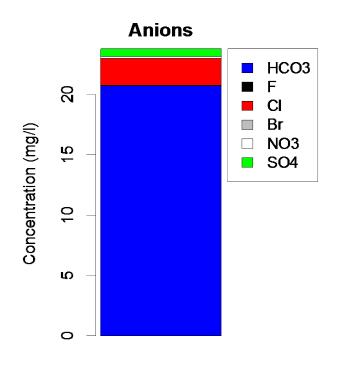
Description and Comments: Nested bores opposite site of round-about on Tip Road next to Roberts Creek. The borehole is finished in weathered basement below the alluvial deposits of the Ovens Valley. **Continuous Data:** Continuous water depth and EC data are available for this site, measured with InSitu Aquatroll 200 at 30 minute intervals.

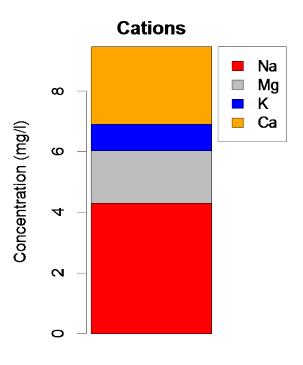
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data			
Date of Sampling	28.05.2012		
Depth Below Natural Surface (m)	2.247		
Reduced Water Level (m)			
EC (μS/cm)	57.1		
рН	5.5		
DO (mg/l)	Trace		

0- 52 m Gravels 52-60 m Weathered basement

Anions		Cations		Isotopes	
HCO ₃ (mg/L)	20.74	Li (μg/L)	5.39	Radon (Bq/m³)	100208
F (mg/L)	0.04	Na (mg/L)	4.31	δ ¹⁸ Ο (‰)	-6.4
CI (mg/L)	2.22	Mg (mg/L)	1.73	δ²Η (‰)	-40
Br (mg/L)	0.01	K (mg/L)	0.87	δ ¹³ C (‰)	-20.1
NO ₃ (mg/L)	0.15	Ca (mg/L)	2.55	¹⁴ C pMC	83.66
SO ₄ (mg/L)	0.62	Mn (μg/L	43.67	Tritium (TU)	0.002
		Fe (µg/L)	54.05		
		Sr (μg/L)	18.69		
		Ba (μg/L)	11.00		



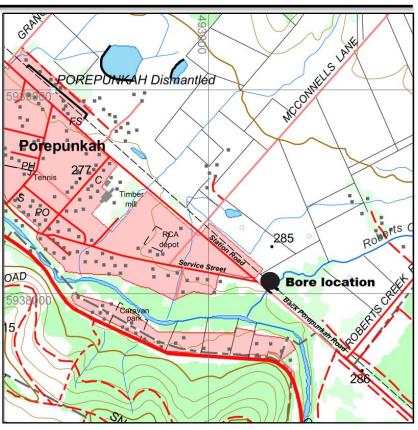




Borehole Infrastructure Report

An Australian Government Initiative

Site Data			
Site Code		WRK 068290	
Site Name		Porepunkah	
Region		Ovens River, VIC	
Easting	GDA94	493303	
Northing	Zone 55	5938043	
Elevation (m AHD)			
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	



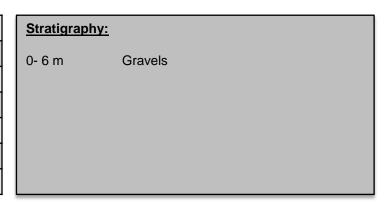
Construction details			
Borehole Type	Monitoring Bore		
Installed by	Monash University		
Drilled by	Alpine Drilling Pty Ltd		
Drilling Method	Advanced Casing		
Screen Type	Slotted PVC		
Casing size / Type	80 mm Class A PVC		
Development Details			



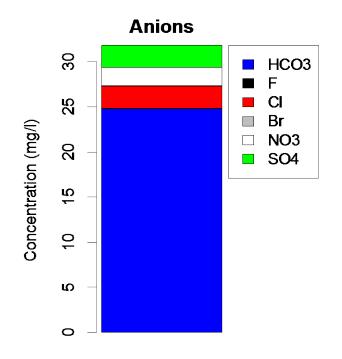
Description and Comments: Nested bores opposite site of roundabout on Tip Road next to Roberts Creek. The borehole is finished in the alluvial deposits of the Ovens Valley.

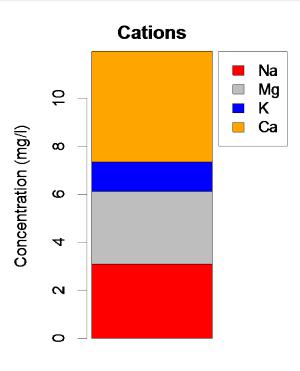
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

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



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	24.77	Li (μg/L)	0.40	Radon (Bq/m³)	79260
F (mg/L)	0.04	Na (mg/L)	3.10	δ ¹⁸ Ο (‰)	-6.5
CI (mg/L)	2.48	Mg (mg/L)	3.02	δ²Η (‰)	-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		







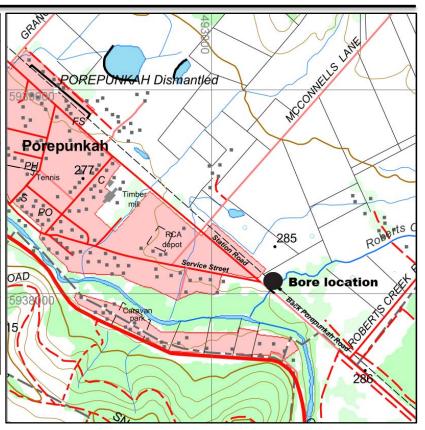
Borehole Infrastructure Report

Site Data Site Code WRK 068291 Porepunkah Site Name Region Ovens River, VIC Easting GDA94 493302 Zone 55 Northing 5938044 Elevation (m AHD) Bore Depth (m) 12 Screen Length (m) 2 Screen Top (m) 9 Screen Bottom (m) 11

Bore Top

Top of Pipe (m)

Date Completed



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			

Monument

14Th March 2012

0.84



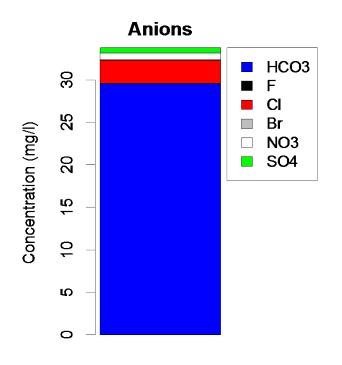
Description and Comments: Nested bores opposite site of round-about on Tip Road next to Roberts Creek. The borehole is finished in the alluvial deposits of the Ovens Valley.

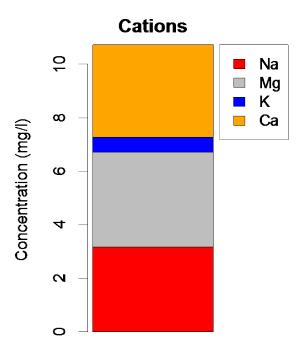
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data			
Date of Sampling	28.05.2012		
Depth Below Natural Surface (m)	2.638		
Reduced Water Level (m)			
EC (μS/cm)	65		
рН	5.7		
DO (mg/l)	3		

Stratigraph	ı <u>y:</u>		
0- 12 m	Gravels		

Anions		Cations		Isotopes	
HCO ₃ (mg/L)	29.52	Li (μg/L)	1.66	Radon (Bq/m³)	64583
F (mg/L)	0.05	Na (mg/L)	3.17	δ ¹⁸ Ο (‰)	-6.0
CI (mg/L)	2.74	Mg (mg/L)	3.54	δ²Η (‰)	-36
Br (mg/L)	0.04	K (mg/L)	0.57	δ ¹³ C (‰)	-20.7
NO ₃ (mg/L)	0.78	Ca (mg/L)	3.44	¹⁴ C pMC	93.96
SO ₄ (mg/L)	0.63	Mn (μg/L	5.04	Tritium (TU)	0.015
		Fe (µg/L)	67.00		
		Sr (μg/L)	33.43		
		Ba (µg/L)	8.54		







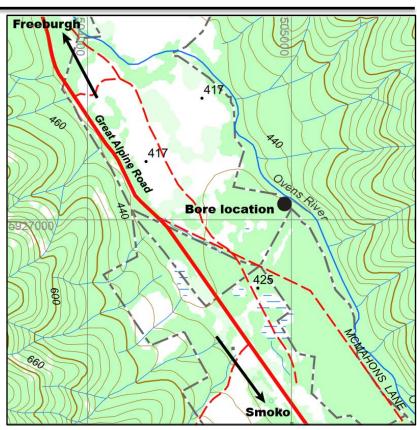
Borehole Infrastructure Report

Site Data			
Site Code		WRK 068293	
Site Name		Smoko	
Region		Ovens River, VIC	
Easting	GDA94	505021	
Northing	Zone 55	5927033	
Elevation (m AHD)			
Bore Depth (m)		6	
Screen Length (m)		2	
Screen Top (m)		3	
Screen Bottom (m)		5	

Bore Top

Top of Pipe (m)

Date Completed



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	80mm Class A PVC		
Development Details			

Monument

8th March 2012

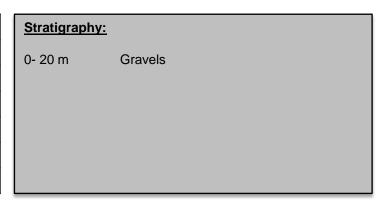
0.68



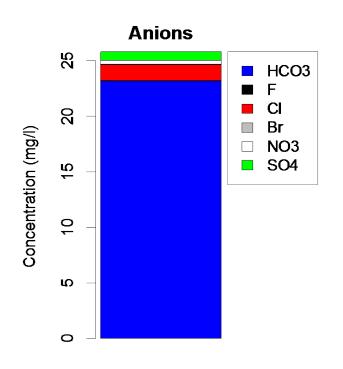
Description and Comments: Nested bores at the end of a track coming off McMahons Lane. The borehole is finished in the alluvial deposits of the Ovens Valley.

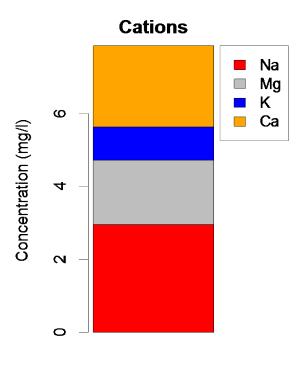
Infrastructure Report by:	Contact Details:	Checked by: Prof Ian Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data			
Date of Sampling	30.05.2012		
Depth Below Natural Surface (m)	3.161		
Reduced Water Level (m)			
EC (μS/cm)	52.5		
рН	5.92		
DO (mg/l)	1		



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	23.18	Li (μg/L)	0.69	Radon (Bq/m³)	79375
F (mg/L)	0.04	Na (mg/L)	2.95	δ ¹⁸ Ο (‰)	-7.0
CI (mg/L)	1.45	Mg (mg/L)	1.77	δ²Η (‰)	-40
Br (mg/L)	0.01	K (mg/L)	0.92	δ ¹³ C (‰)	-20.9
NO ₃ (mg/L)	0.36	Ca (mg/L)	2.22	¹⁴ C pMC	105.65
SO ₄ (mg/L)	0.77	Mn (μg/L	6.64	Tritium (TU)	2.368
		Fe (µg/L)	39.20		
		Sr (μg/L)	18.87		
		Ba (µg/L)	12.18		

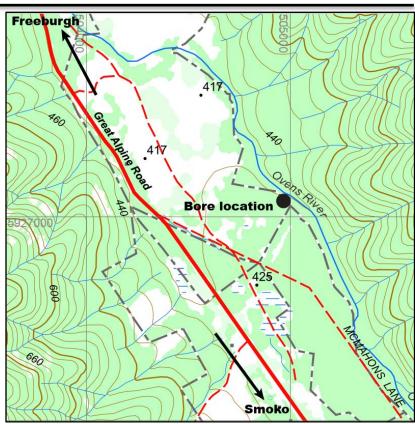






Borehole Infrastructure Report

Site Data			
Site Code		WRK 068294	
Site Name		Smoko	
Region		Ovens River, VIC	
Easting	GDA94	505020	
Northing	Zone 55	5927034	
Elevation (m AHD)			
Bore Depth (m)		12	
Screen Length (m)		2	
Screen Top (m)		9	
Screen Bottom (m)		11	
Bore Top		Monument	
Top of Pipe (m)		0.665	
Date Completed		8 th March 2012	



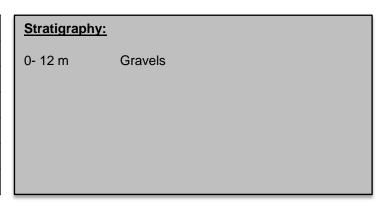
Construction details		
Borehole Type	Monitoring Bore	
Installed by	Monash University	
Drilled by	Alpine Drilling Pty Ltd	
Drilling Method	Advanced Casing	
Screen Type	Slotted PVC	
Casing size / Type	80mm Class A PVC	
Development Details		



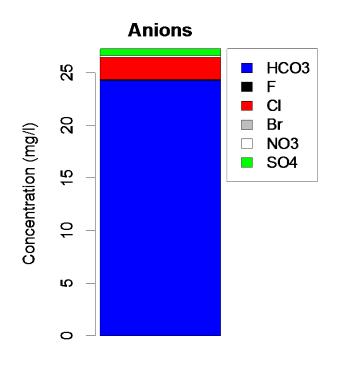
Description and Comments: Nested bores at the end of a track coming off McMahons Lane. The borehole is finished in the alluvial deposits of the Ovens Valley.

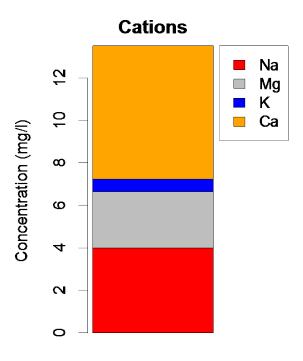
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data		
Date of Sampling	30.05.2012	
Depth Below Natural Surface (m)	3.183	
Reduced Water Level (m)		
EC (μS/cm)	77.6	
рН	6.23	
DO (mg/l)	2	



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	24.278	Li (μg/L)	1.397	Radon (Bq/m³)	2587.5
F (mg/L)	0.07	Na (mg/L)	3.979	δ ¹⁸ Ο (‰)	-6.7
CI (mg/L)	2.11	Mg (mg/L)	2.67	δ²Η (‰)	-39
Br (mg/L)	0.01	K (mg/L)	0.581	δ ¹³ C (‰)	-22.4
NO ₃ (mg/L)	0.17	Ca (mg/L)	6.269	¹⁴ C pMC	104.60
SO ₄ (mg/L)	0.63	Mn (μg/L	202.2	Tritium (TU)	2.418
		Fe (µg/L)	31.59		
		Sr (μg/L)	33.57		
		Ba (μg/L)	8.805		



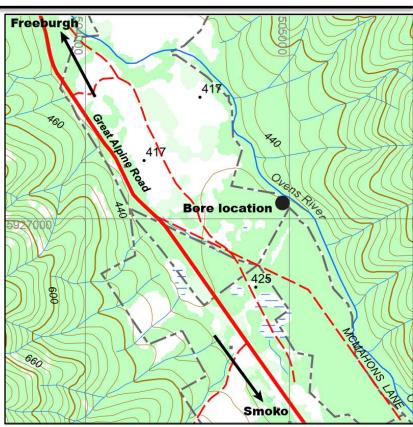




Borehole Infrastructure Report

An Australian Government Initiative

Site Data		
Site Code		WRK 068295
Site Name		Smoko
Region		Ovens River, VIC
Easting	GDA94	505018.33
Northing	Zone 55	5927034.52
Elevation (m AHD)		
Bore Depth (m)		24
Screen Leng	gth (m)	2
Screen Top	(m)	21
Screen Bottom (m)		23
Bore Top		Monument
Top of Pipe (m)		0.701
Date Completed		8 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	80mm Class A PVC	
Development Details		



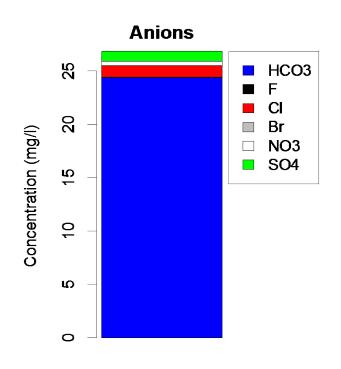
Description and Comments: Nested bores at the end of a track coming off McMahons Lane. The borehole is finished in weathered basement underlying the alluvial deposits of the Ovens Valley. **Continuous Data:** Continuous water depth and EC data are available for this site, measured with InSitu Aquatroll 200 at 30 minute intervals.

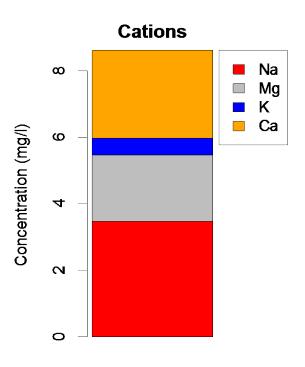
Infrastructure Report by:	Contact Details:	Checked by: Prof Ian Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data		
Date of Sampling	30.05.2012	
Depth Below Natural Surface (m)	3.184	
Reduced Water Level (m)		
EC (μS/cm)	46.9	
рН	5.9	
DO (mg/l)	Trace	

Gravels Weathered basement

Anions		Cations		Isotopes	
HCO ₃ (mg/L)	24.40	Li (μg/L)	0.89	Radon (Bq/m³)	100250
F (mg/L)	0.05	Na (mg/L)	3.47	δ ¹⁸ Ο (‰)	-6.8
CI (mg/L)	1.07	Mg (mg/L)	2.00	δ²Η (‰)	-41
Br (mg/L)	0.00	K (mg/L)	0.50	δ ¹³ C (‰)	-19.4
NO ₃ (mg/L)	0.42	Ca (mg/L)	2.64	¹⁴ C pMC	104.83
SO ₄ (mg/L)	0.91	Mn (μg/L	7.55	Tritium (TU)	2.324
		Fe (µg/L)	48.59		
		Sr (μg/L)	23.79		
		Ba (µg/L)	4.63		



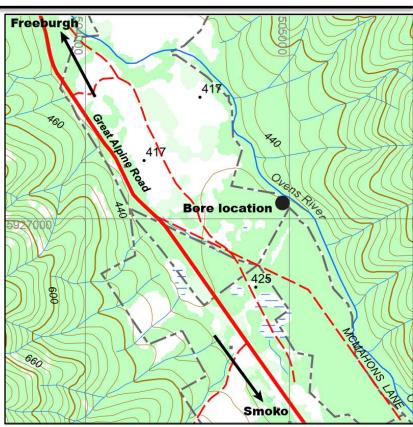




Borehole Infrastructure Report

An Australian Government Initiative

Site Data		
Site Code		WRK 068296
Site Name		Smoko
Region		Ovens River, VIC
Easting	GDA94	505039
Northing	Zone 55	5927062
Elevation (m AHD)		
Bore Depth	(m)	6
Screen Leng	gth (m)	2
Screen Top	(m)	3
Screen Bottom (m)		5
Bore Top		Monument
Top of Pipe (m)		0.875
Date Completed		8 th March 2012



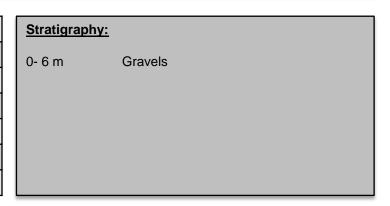
Construction details		
Borehole Type	Monitoring Bore	
Installed by	Monash University	
Drilled by	Alpine Drilling Pty Ltd	
Drilling Method	Advanced Casing	
Screen Type	Slotted PVC	
Casing size / Type	80 mm Class A PVC	
Development Details		



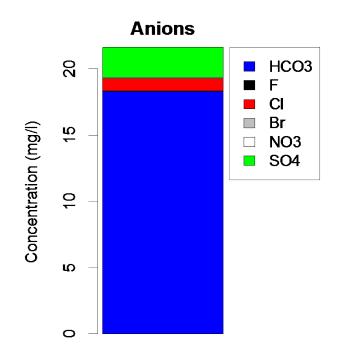
Description and Comments: Nested bores at the end of a track coming off McMahons Lane. The borehole is finished in the alluvial deposits of the Ovens Valley.

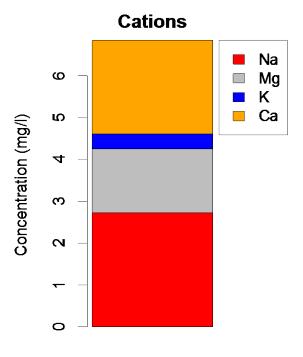
Infrastructure Report by:	Contact Details:	Checked by: Prof Ian Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data		
Date of Sampling	30.05.2012	
Depth Below Natural Surface (m)	2.745	
Reduced Water Level (m)		
EC (μS/cm)	50.4	
рН	6.15	
DO (mg/l)	3	



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	18.30	Li (μg/L)	0.42	Radon (Bq/m³)	22283
F (mg/L)	0.03	Na (mg/L)	2.73	δ ¹⁸ Ο (‰)	-7.1
CI (mg/L)	0.96	Mg (mg/L)	1.53	δ²Η (‰)	-43
Br (mg/L)	0.00	K (mg/L)	0.35	δ ¹³ C (‰)	-19.0
NO ₃ (mg/L)	0.05	Ca (mg/L)	2.24	¹⁴ C pMC	103.63
SO ₄ (mg/L)	2.29	Mn (μg/L	384.80	Tritium (TU)	2.411
		Fe (μg/L)	91.19		
		Sr (µg/L)	19.25		
		Ba (μg/L)	4.55		



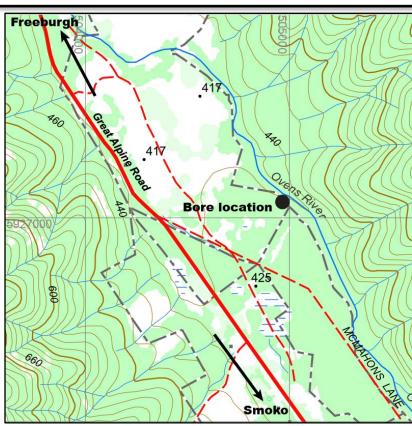




Borehole Infrastructure Report

An Australian Government Initiative

Site Data				
Site Code		WRK 068297		
Site Name		Smoko		
Region		Ovens River, VIC		
Easting	GDA94	505039		
Northing	Zone 55	5927060		
Elevation (m AHD)				
Bore Depth (m)		12		
Screen Length (m)		2		
Screen Top (m)		9		
Screen Bott	com (m)	11		
Bore Top		Monument		
Top of Pipe (m)		0.856		
Date Comp	leted	8 th March 2012		



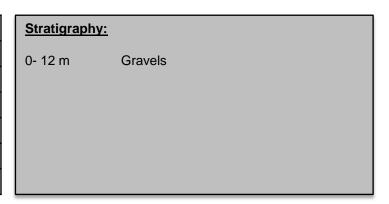
Construction details		
Borehole Type	Monitoring Bore	
Installed by	Monash University	
Drilled by	Alpine Drilling Pty Ltd	
Drilling Method	Advanced Casing	
Screen Type	Slotted PVC	
Casing size / Type	80 mm Class A PVC	
Development Details		



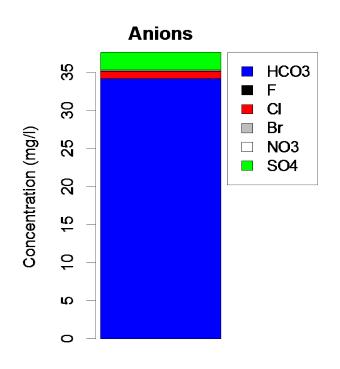
Description and Comments: Nested bores at the end of a track coming off McMahons Lane. The borehole is finished in the alluvial deposits of the Ovens Valley.

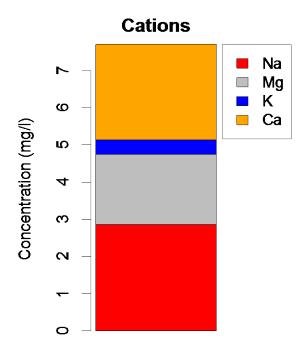
Infrastructure Report by:	Contact Details:	Checked by: Prof Ian Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data	
Date of Sampling	30.05.2012
Depth Below Natural Surface (m)	2.554
Reduced Water Level (m)	
EC (μS/cm)	58
рН	6.134
DO (mg/l)	1



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	34.16	Li (μg/L)	0.42	Radon (Bq/m³)	22283
F (mg/L)	0.04	Na (mg/L)	2.86	δ ¹⁸ Ο (‰)	-5.5
CI (mg/L)	0.95	Mg (mg/L)	1.88	δ²Η (‰)	-42
Br (mg/L)	0.01	K (mg/L)	0.39	δ ¹³ C (‰)	-22.5
NO ₃ (mg/L)	0.14	Ca (mg/L)	2.57	¹⁴ C pMC	104.25
SO ₄ (mg/L)	2.33	Mn (μg/L	578.70	Tritium (TU)	2.270
		Fe (µg/L)	58.44		
		Sr (µg/L)	22.78		
		Ba (μg/L)	5.89		

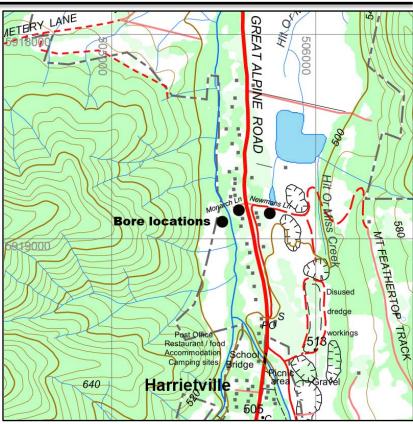






Borehole Infrastructure Report

Site Data				
Site Code		WRK 068299		
Site Name		Harrietville		
Region		Ovens River, VIC		
Easting	GDA94	505758		
Northing	Zone 55	5918149		
Elevation (m AHD)				
Bore Depth (m)		26		
Screen Length (m)		2		
Screen Top (m)		23		
Screen Bottom (m)		25		
Bore Top		Monument		
Top of Pipe (m)		0.782		
Date Completed		12 th April 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	80mm Class A PVC	
Development Details		



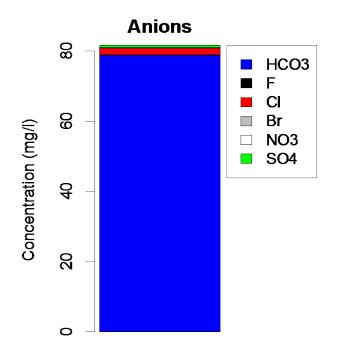
Description and Comments: Nested bores on Newmans lane. The borehole is finished in basement beneath the alluvial deposits of the Ovens Valley.

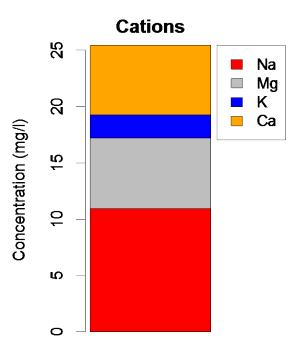
Infrastructure Report by:	Contact Details:	Checked by: Prof Ian Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data	
Date of Sampling	29.05.2012
Depth Below Natural Surface (m)	3.958
Reduced Water Level (m)	
EC (μS/cm)	132.9
рН	6.29
DO (mg/l)	2

Stratigraphy:	
0- 18 m	Gravels
18-26 m	Weathered Basement

Anions		Cations		Isotopes	
HCO ₃ (mg/L)	78.81	Li (μg/L)	10.61	Radon (Bq/m³)	56875
F (mg/L)	0.14	Na (mg/L)	10.93	δ ¹⁸ Ο (‰)	-6.9
CI (mg/L)	1.89	Mg (mg/L)	6.276	δ²Η (‰)	-40
Br (mg/L)	0.00	K (mg/L)	2.05	δ ¹³ C (‰)	-18.3
NO ₃ (mg/L)	0.15	Ca (mg/L)	6.167	¹⁴ C pMC	71.68
SO ₄ (mg/L)	0.58	Mn (μg/L	2188	Tritium (TU)	0.183
		Fe (µg/L)	212.1		
		Sr (μg/L)	64.68		
		Ba (µg/L)	30.67		

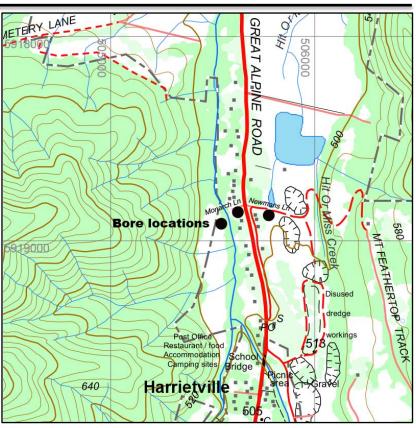






Borehole Infrastructure Report

Site Data		
Site Code		WRK 068300
Site Name		Harrietville
Region		Ovens River, VIC
Easting	GDA94	505760
Northing	Zone 55	5918148
Elevation (r	n AHD)	
Bore Depth (m)		12
Screen Length (m)		2
Screen Top (m)		9
Screen Bottom (m)		11
Bore Top		Monument
Top of Pipe (m)		0.77
Date Completed		12 th April 2012



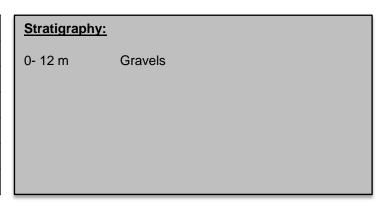
Construction details		
Borehole Type	Monitoring Bore	
Installed by	Monash University	
Drilled by	Alpine Drilling Pty Ltd	
Drilling Method	Advanced Casing	
Screen Type	Slotted PVC	
Casing size / Type	80mm Class A PVC	
Development Details		



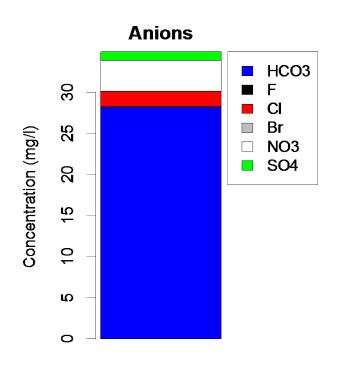
Description and Comments: Nested bores on Newmans lane. The borehole is finished in the alluvial deposits of the Ovens Valley.

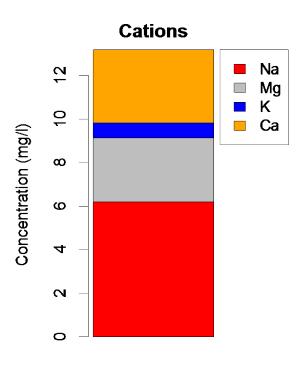
Infrastructure Report by:	Contact Details:	Checked by: Prof Ian Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data		
Date of Sampling	29.05.2012	
Depth Below Natural Surface (m)	3.50	
Reduced Water Level (m)		
EC (μS/cm)	70.9	
рН	6.15	
DO (mg/l)	3	



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	28.18	Li (μg/L)	0.70	Radon (Bq/m³)	68615
F (mg/L)	0.05	Na (mg/L)	6.19	δ ¹⁸ Ο (‰)	-6.8
CI (mg/L)	1.90	Mg (mg/L)	2.94	δ²Η (‰)	-39
Br (mg/L)	0.01	K (mg/L)	0.69	δ ¹³ C (‰)	-20.7
NO ₃ (mg/L)	3.71	Ca (mg/L)	3.35	¹⁴ C pMC	93.81
SO ₄ (mg/L)	1.06	Mn (μg/L	4.71	Tritium (TU)	2.405
		Fe (μg/L)	20.38		
		Sr (µg/L)	32.51		
		Ba (μg/L)	11.92		

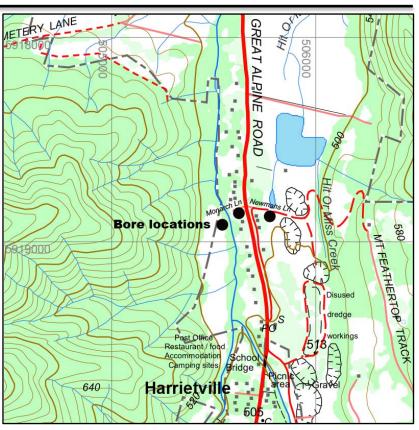






Borehole Infrastructure Report

	Site	Data
Site Code		WRK 068301
Site Name		Harrietville
Region		Ovens River, VIC
Easting	GDA94	505634
Northing	Zone 55	5918160
Elevation (m AHD)		
Bore Depth (m)		12
Screen Length (m)		2
Screen Top (m)		9
Screen Bottom (m)		11
Bore Top		Gatic
Top of Pipe (m)		0
Date Completed		12 th April 2012



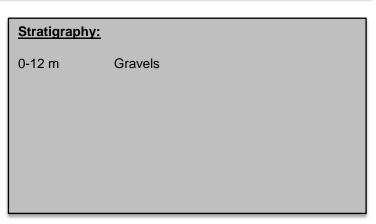
Construction details		
Borehole Type	Monitoring Bore	
Installed by	Monash University	
Drilled by	Alpine Drilling Pty Ltd	
Drilling Method	Advanced Casing	
Screen Type	Slotted PVC	
Casing size / Type	80mm Class A PVC	
Development Details		



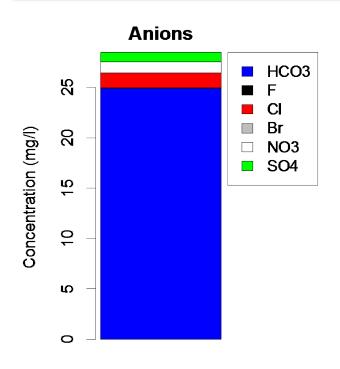
Description and Comments: Single bore on side of Monarch Lane (corner Great Alpine Road). The borehole is finished in the alluvial deposits of the Ovens Valley.

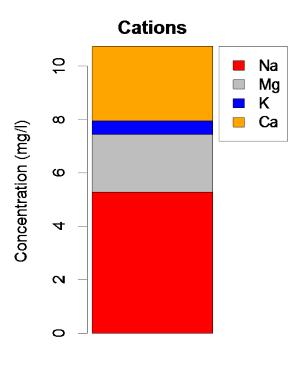
Infrastructure Report by:	Contact Details:	Checked by: Prof Ian Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data			
Date of Sampling	29.05.2012		
Depth Below Natural Surface (m)	2.571		
Reduced Water Level (m)			
EC (μS/cm)	57		
рН	6.27		
DO (mg/l)	3		



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	24.89	Li (μg/L)	0.98	Radon (Bq/m³)	23875
F (mg/L)	0.04	Na (mg/L)	5.28	δ ¹⁸ Ο (‰)	-6.8
CI (mg/L)	1.52	Mg (mg/L)	2.16	δ²Η (‰)	-39
Br (mg/L)	0.00	K (mg/L)	0.52	δ ¹³ C (‰)	-20.4
NO ₃ (mg/L)	1.06	Ca (mg/L)	2.78	¹⁴ C pMC	93.47
SO ₄ (mg/L)	0.96	Mn (μg/L)	48.25	Tritium (TU)	2.270
		Fe (µg/L)	21.98		
		Sr (μg/L)	24.18		
		Ba (µg/L)	4.50		

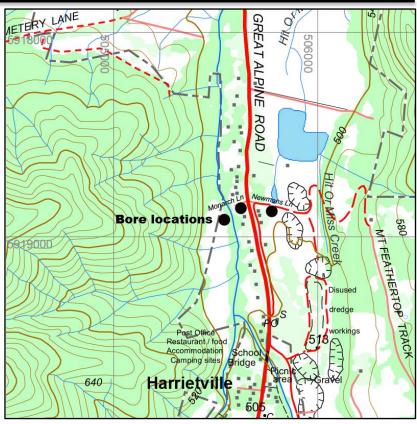






Borehole Infrastructure Report

Site Data				
Site Code		WRK 068302		
Site Name		Harrietville		
Region		Ovens River, VIC		
Easting	GDA94	505634		
Northing	Zone 55	5918160		
Elevation (m AHD)				
Bore Depth (m)		6		
Screen Length (m)		2		
Screen Top (m)		3		
Screen Bottom (m)		5		
Bore Top		Gatic		
Top of Pipe (m)		0		
Date Completed		12 th April 2012		



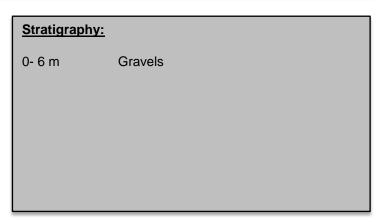
Construction details		
Borehole Type	Monitoring Bore	
Installed by	Monash University	
Drilled by	Alpine Drilling Pty Ltd	
Drilling Method	Advanced Casing	
Screen Type	Slotted PVC	
Casing size / Type	80mm Class A PVC	
Cap Type	Gatic	
Development Details		



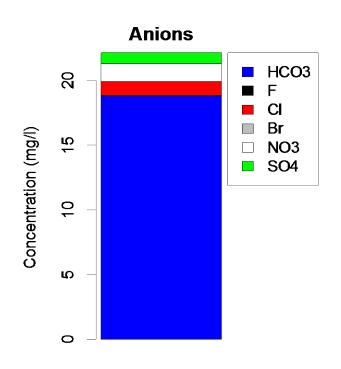
Description and Comments: Nested bores on side of Monarch lane. The borehole is finished in the alluvial deposits of the Ovens Valley.

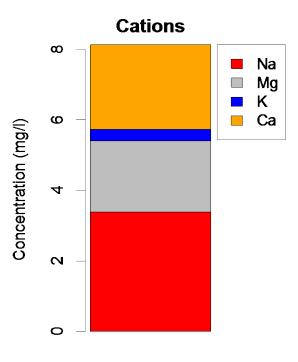
Infrastructure Report by:	Contact Details:	Checked by: Prof Ian Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data		
Date of Sampling	29.05.2012	
Depth Below Natural Surface (m)	2.278	
Reduced Water Level (m)		
EC (μS/cm)	43.1	
рН	5.85	
DO (mg/l)	2	



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	18.79	Li (μg/L)	0.63	Radon (Bq/m³)	21573
F (mg/L)	0.034	Na (mg/L)	3.39	δ ¹⁸ Ο (‰)	-7.0
CI (mg/L)	1.09	Mg (mg/L)	2.01	δ²Η (‰)	-40
Br (mg/L)	0.0013	K (mg/L)	0.34	δ ¹³ C (‰)	-22.0
NO ₃ (mg/L)	1.38	Ca (mg/L)	2.39	¹⁴ C pMC	100.71
SO ₄ (mg/L)	0.84	Mn (μg/L)	2.09	Tritium (TU)	2.522
		Fe (µg/L)	20.04		
		Sr (μg/L)	19.70		
		Ba (µg/L)	3.35		



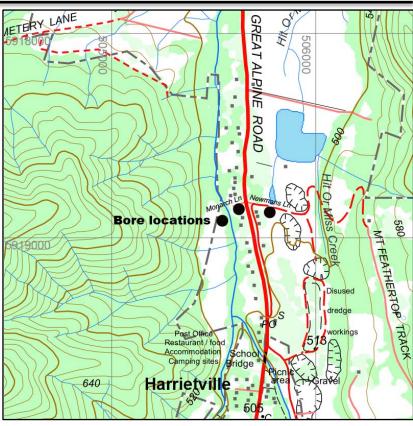




Borehole Infrastructure Report

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Site Data			
Site Code		WRK 068303	
Site Name		Harrietville	
Region		Ovens River, VIC	
Easting	GDA94	505611	
Northing	Zone 55	5918153	
Elevation (m AHD)			
Bore Depth (m)		12	
Screen Length (m)		2	
Screen Top (m)		9	
Screen Bottom (m)		11	
Bore Top		Gatic	
Top of Pipe(m)		0	
Date Completed		12 th April 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	80mm Class A PVC		
Development Details			



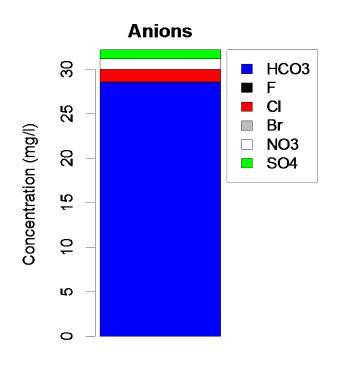
Description and Comments: Nested bores on side of the Monarch lane. The borehole is finished in the alluvial deposits of the Ovens Valley.

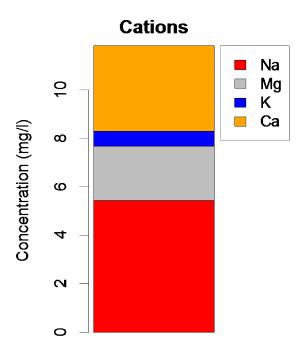
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data			
Date of Sampling	29.05.2012		
Depth Below Natural Surface (m)	2.36		
Reduced Water Level (m)			
EC (μS/cm)	63.3		
рН	5.97		
DO (mg/l)	2		

Stratigraphy:	
0- 12 m	Gravels

Anions		Cations		Isotopes	
HCO ₃ (mg/L)	28.55	Li (μg/L)	0.78	Radon (Bq/m³)	44896
F (mg/L)	0.05	Na (mg/L)	5.44	δ ¹⁸ Ο (‰)	-6.9
CI (mg/L)	1.36	Mg (mg/L)	2.24	δ²Η (‰)	-38
Br (mg/L)	0.00	K (mg/L)	0.60	δ ¹³ C (‰)	-20.7
NO ₃ (mg/L)	1.23	Ca (mg/L)	3.53	¹⁴ C pMC	92.79
SO ₄ (mg/L)	0.99	Mn (μg/L	238.00	Tritium (TU)	1.930
		Fe (μg/L)	36.94		
		Sr (µg/L)	29.51		
		Ba (μg/L)	6.98		



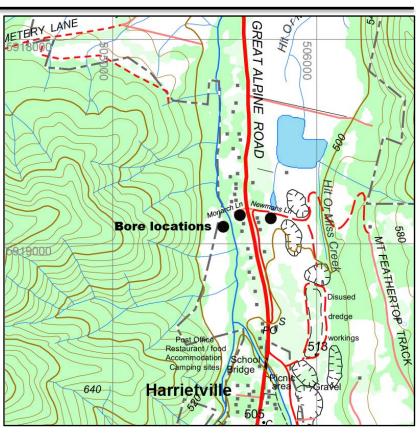




Borehole Infrastructure Report

Site Data			
Site Code		WRK 068304	
Site Name		Harrietville	
Region		Ovens River, VIC	
Easting	GDA94	505610	
Northing	Zone 55	5918153	
Elevation (m AHD)			
Bore Depth (m)		26	
Screen Length (m)		2	
Screen Top (m)		23	
Screen Bottom (m)		25	
Bore Top		Gatic	
Top of Pipe (m)		0	

Date Completed



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	80mm Class A PVC	
Development Details		

12th April 2012



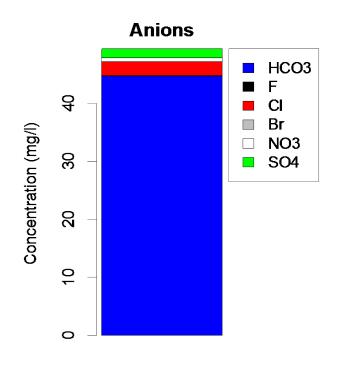
Description and Comments: Nested bores on side of the Monarch lane. The borehole is finished in weathered basement underlying the alluvial deposits of the Ovens Valley.

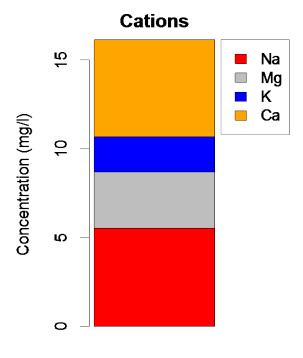
Infrastructure Report by:	Contact Details:	Checked by: Prof Ian Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data			
Date of Sampling	29.05.2012		
Depth Below Natural Surface (m)	5.062		
Reduced Water Level (m)			
EC (μS/cm)	93.5		
рН	6.7		
DO (mg/l)	4		

Stratigraphy:	
0- 18 m	Gravels
18-26 m	Weathered Basement

Anions		Cations		Isotopes	
HCO ₃ (mg/L)	44.65	Li (μg/L)	3.32	Radon (Bq/m³)	60938
F (mg/L)	0.10	Na (mg/L)	5.54	δ ¹⁸ Ο (‰)	-7.0
CI (mg/L)	2.39	Mg (mg/L)	3.16	δ²Η (‰)	-40
Br (mg/L)	0.00	K (mg/L)	1.97	δ ¹³ C (‰)	-25.0
NO ₃ (mg/L)	0.72	Ca (mg/L)	5.47	¹⁴ C pMC	74.73
SO ₄ (mg/L)	1.52	Mn (μg/L	764.60	Tritium (TU)	2.320
		Fe (µg/L)	8.54		
		Sr (µg/L)	35.64		
		Ba (μg/L)	9.58		

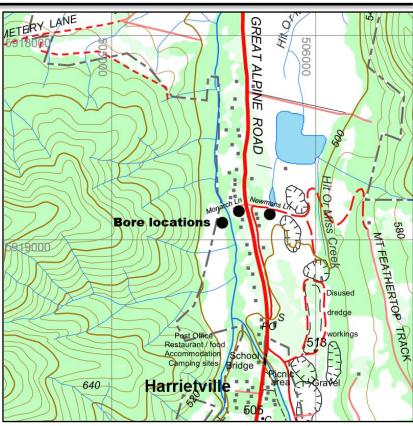






Borehole Infrastructure Report

Site Data			
Site Code		WRK 068305	
Site Name		Harrietville	
Region		Ovens River, VIC	
Easting	GDA94	505567	
Northing	Zone 55	5918094	
Elevation (m AHD)			
Bore Depth (m)		6	
Screen Length (m)		2	
Screen Top (m)		3	
Screen Bottom (m)		5	
Bore Top		Monument	
Top of Pipe (m)		0.825	
Date Completed		12 th April 2012	



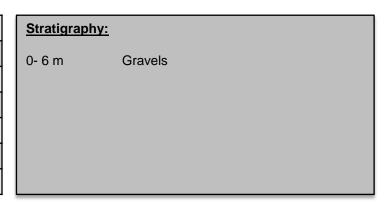
Construction details		
Borehole Type	Monitoring Bore	
Installed by	Monash University	
Drilled by	Alpine Drilling Pty Ltd	
Drilling Method	Advanced Casing	
Screen Type	Slotted PVC	
Casing size / Type	80mm Class A PVC	
Development Details		



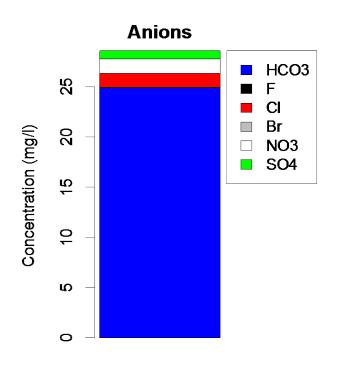
Description and Comments: Nested bores at the of the Monarch lane across the bridge on Western side of river. The borehole is finished in the alluvial deposits of the Ovens Valley.

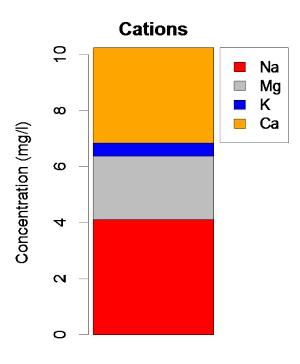
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data			
Date of Sampling	29.05.2012		
Depth Below Natural Surface (m)	1.90		
Reduced Water Level (m)			
EC (μS/cm)	59.1		
рН	5.73		
DO (mg/l)	3		



Anions		Cations	<u> </u>	Isotopes	
HCO ₃ (mg/L)	24.89	Li (μg/L)	0.69	Radon (Bq/m³)	67083
F (mg/L)	0.05	Na (mg/L)	4.11	δ ¹⁸ Ο (‰)	-6.5
CI (mg/L)	1.39	Mg (mg/L)	2.27	δ²Η (‰)	-37
Br (mg/L)	0.01	K (mg/L)	0.47	δ ¹³ C (‰)	-19.7
NO ₃ (mg/L)	1.45	Ca (mg/L)	3.39	¹⁴ C pMC	99.16
SO ₄ (mg/L)	0.79	Mn (μg/L	166.00	Tritium (TU)	2.125
		Fe (µg/L)	35.61		
		Sr (µg/L)	26.66		
		Ba (μg/L)	49.60		

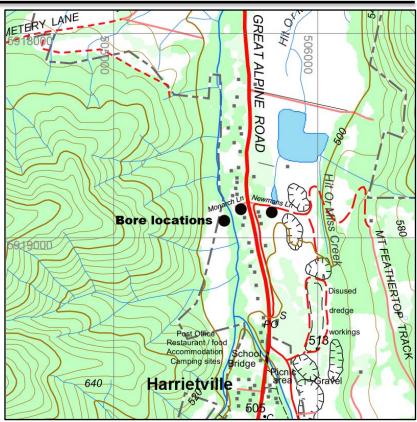






Borehole Infrastructure Report

Site Data			
Site Code		WRK 068306	
Site Name		Harrietville	
Region		Ovens River, VIC	
Easting	GDA94	505568	
Northing	Zone 55	5918093	
Elevation (m AHD)			
Bore Depth	(m)	12	
Screen Leng	gth (m)	2	
Screen Top	(m)	9	
Screen Bottom (m)		11	
Bore Top		Monument	
Top of Pipe (m)		0.82	
Date Completed		12 th April 2012	



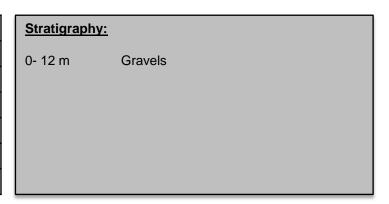
Construction details		
Borehole Type	Monitoring Bore	
Installed by	Monash University	
Drilled by	Alpine Drilling Pty Ltd	
Drilling Method	Advanced Casing	
Screen Type	Slotted PVC	
Casing size / Type	80mm Class A PVC	
Development Details		



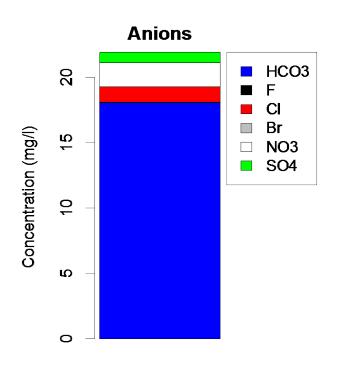
Description and Comments: Nested bores at the of the Monarch lane across the bridge on Western side of river. The borehole is finished in the alluvial deposits of the Ovens Valley.

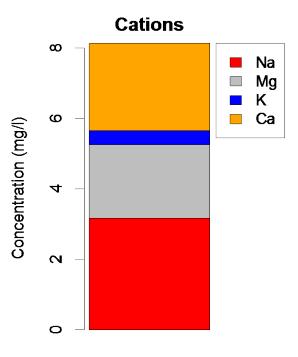
Infrastructure Report by:	Contact Details:	Checked by: Prof Ian Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data		
Date of Sampling	29.05.2012	
Depth Below Natural Surface (m)	1.698	
Reduced Water Level (m)		
EC (μS/cm)	45.7	
рН	5.88	
DO (mg/l)	2	



Anions	<u></u>	Cations	<u></u>	Isotopes	
HCO ₃ (mg/L)	18.06	Li (μg/L)	0.52	Radon (Bq/m³)	48646
F (mg/L)	0.05	Na (mg/L)	3.16	δ ¹⁸ Ο (‰)	-7.0
CI (mg/L)	1.17	Mg (mg/L)	2.09	δ²Η (‰)	-39
Br (mg/L)	0.01	K (mg/L)	0.40	δ ¹³ C (‰)	-20.7
NO ₃ (mg/L)	1.81	Ca (mg/L)	2.48	¹⁴ C pMC	102.22
SO ₄ (mg/L)	0.81	Mn (μg/L	5.35	Tritium (TU)	2.428
		Fe (μg/L)	34.37		
		Sr (µg/L)	19.76		
		Ba (µg/L)	3.38		



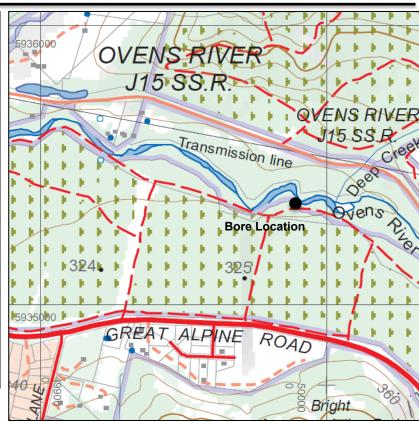




Borehole Infrastructure Report

An Australian Government Initiative

	Site	Data
Site Code		Monash B1
Site Name		Bright
Region		Ovens River, VIC
Easting	GDA94	499270
Northing	Zone 55	5935517
Elevation (m AHD)	
Bore Depth (m)		7
Screen Length (m)		2
Screen Top (m)		2
Screen Bottom (m)		4
Bore Top		Monument
Top of Pipe surface (m		0.73
Date Comp	pleted	24 th January 2011



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	80mm Class A PVC		
Development Details			

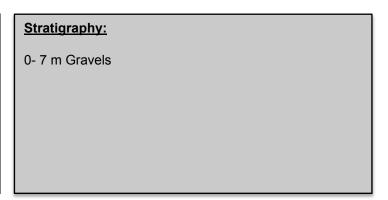


Description and Comments: The Bore is located in the plantation forests 5 metres away from the State Observation Bore (B51743). The borehole is finished in the alluvial deposits of the Ovens valley.

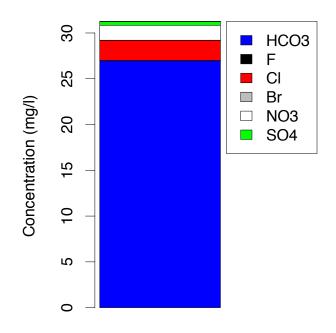
Continuous Data: Continuous water depth data are available for this site, measured with InSitu Rugged TROLL 100 at 30 minute intervals.

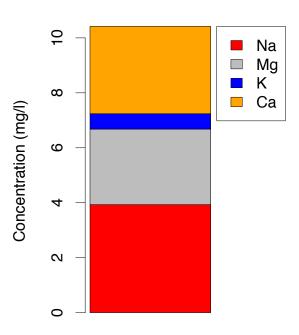
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data				
Date of Sampling	28.05.2012			
Depth Below Natural Surface (m)	1.890			
Reduced Water Level (m)				
EC (μS/cm)	65.40			
pH	5.7			
DO (mg/l)				



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	26.96	Li (μg/L)	3.75	Radon (Bq/m³)	35990
F (mg/L)	0.04	Na (mg/L)	3.93	δ ¹⁸ Ο (‰)	-6.2
CI (mg/L)	2.19	Mg (mg/L)	2.75	δ²Η (‰)	-38
Br (mg/L)	0.02	K (mg/L)	0.56	δ ¹³ C (‰)	-25.8
NO ₃ (mg/L)	1.63	Ca (mg/L)	3.18	¹⁴ C pMC	95.94
SO ₄ (mg/L)	0.43	Mn (μg/L	45.68	Tritium (TU)	1.135
		Fe (μg/L)	81.37		
		Sr (μg/L)	33.03		
		Ba (μg/L)	13.84		



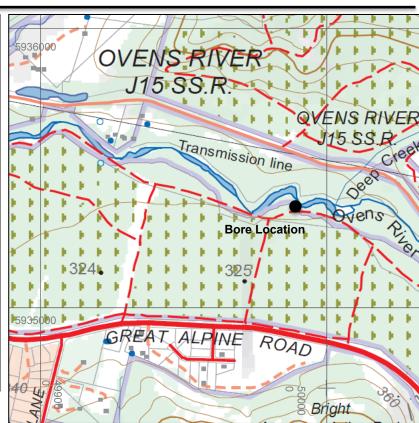




Borehole Infrastructure Report

An Australian Government Initiative

	Site	Data	
Site Code		Monash B2	
Site Name		Bright	
Region		Ovens River, VIC	
Easting	GDA94	499260	
Northing	Zone 55	59355173	
Elevation ((m AHD)		
Bore Depth (m)		6	
Screen Length (m)		2	
Screen Top (m)		2	
Screen Bottom (m)		4	
Bore Top		Monument	
Top of Pipe surface (m		0.58	
Date Completed		24 th January 2011	



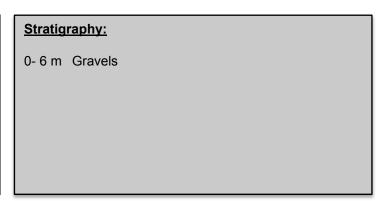
Construction details			
Borehole Type	Monitoring Bore		
Installed by	Monash University		
Drilled by	Alpine Drilling Pty Ltd		
Drilling Method	Advanced Casing		
Screen Type	Slotted PVC		
Casing size / Type	80mm Class A PVC		
Development Details			



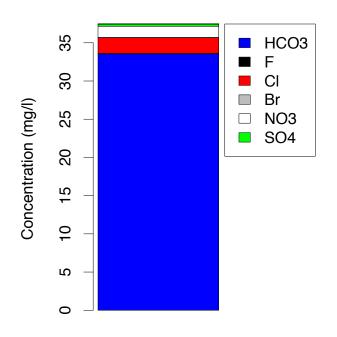
Description and Comments: The bore is located in the plantation forests. The borehole is finished in the alluvial deposits of the Ovens valley.

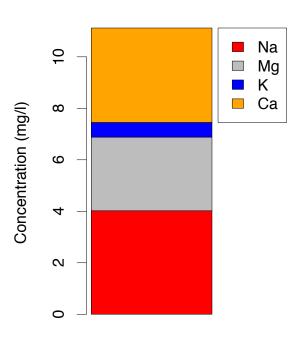
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data				
Date of Sampling	28.05.2012			
Depth Below Natural Surface (m)	1.420			
Reduced Water Level (m)				
EC (μS/cm)	73.30			
pH	5.6			
DO (mg/l)				



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	33.55	Li (μg/L)	4.67	Radon (Bq/m³)	44646
F (mg/L)	0.05	Na (mg/L)	4.02	δ ¹⁸ Ο (‰)	-6.3
CI (mg/L)	2.07	Mg (mg/L)	2.86	δ²Η (‰)	-37
Br (mg/L)	0.03	K (mg/L)	0.57	δ ¹³ C (‰)	-26.0
NO ₃ (mg/L)	1.46	Ca (mg/L)	3.67	¹⁴ C pMC	94.76
SO ₄ (mg/L)	0.30	Mn (μg/L	258.70	Tritium (TU)	0.973
		Fe (µg/L)	68.38		
		Sr (μg/L)	40.43		
		Ba (μg/L)	14.40		



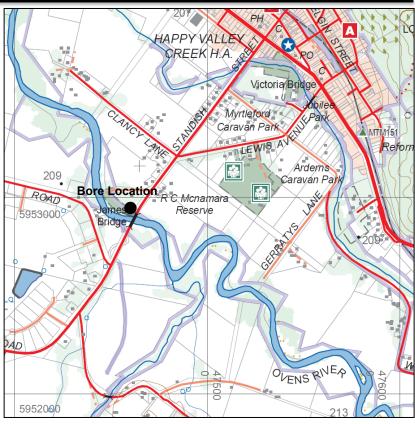




Borehole Infrastructure Report

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Site Data			
	Monash M1		
	Myrtleford		
	Ovens River, VIC		
GDA94	474605		
∠one 55	5952920		
m AHD)			
(m)	7		
ngth (m)	2		
(m)	4		
tom (m)	6		
	Monument		
to	0.75		
leted	24th January 2011		
	Zone 55 m AHD) (m) gth (m) (m) tom (m)		



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	80mm Class A PVC	
Development Details		



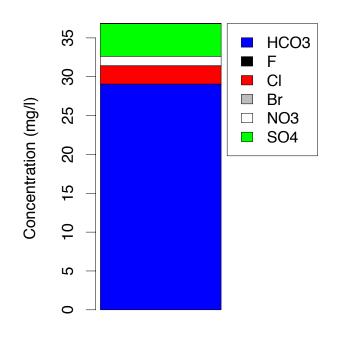
Description and Comments: Bore located close to the James Bridge (north side), next to the State Observation Bore (B83229). The borehole is finished in the alluvial deposits of the Ovens Valley.

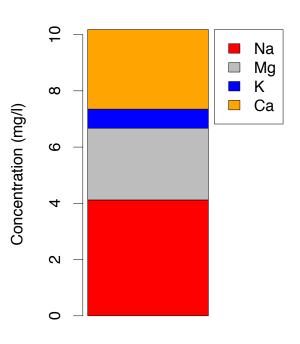
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data			
Date of Sampling	28.05.2012		
Depth Below Natural Surface (m)	4.060		
Reduced Water Level (m)			
EC (μS/cm)	77.4		
pH	5.8		
DO (mg/l)			

Stratigraphy:			
0- 7 m Gravels and sand			

Anions		Cations		Isotopes	
HCO ₃ (mg/L)	29.04	Li (μg/L)	0.81	Radon (Bq/m³)	15250
F (mg/L)	0.02	Na (mg/L)	4.12	δ ¹⁸ Ο (‰)	-6.6
CI (mg/L)	2.35	Mg (mg/L)	2.55	δ²Η (‰)	-39
Br (mg/L)	0.02	K (mg/L)	0.68	δ ¹³ C (‰)	-27.1
NO ₃ (mg/L)	1.20	Ca (mg/L)	2.83	¹⁴ C pMC	100.36
SO ₄ (mg/L)	4.22	Mn (μg/L	96.15	Tritium (TU)	2.390
		Fe (μg/L)	BDL		
		Sr (μg/L)	26.55	BDL=Below detection limit	
		Ba (µg/L)	10.92		



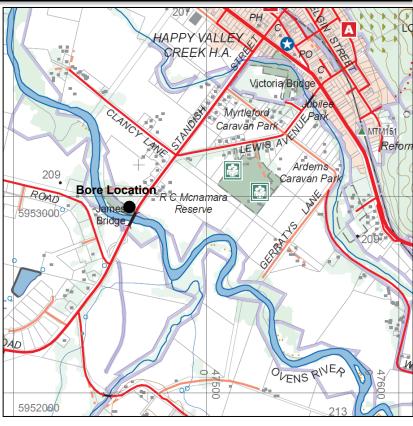




Borehole Infrastructure Report

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Site Data			
Site Code		Monash M2	
Site Name		Myrtleford	
Region		Ovens River, VIC	
Easting	GDA94	474606	
Northing	Zone 55	5952936	
Elevation (m AHD)			
Bore Depth (m)		7	
Screen Length (m)		2	
Screen Top (m)		4	
Screen Bottom (m)		6	
Bore Top		Monument	
Top of Pipe to surface (m)		0.76	
Date Completed		24 th January 2011	
Bore Top Top of Pipe to surface (m)		0.76	



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	80mm Class A PVC	
Development Details		



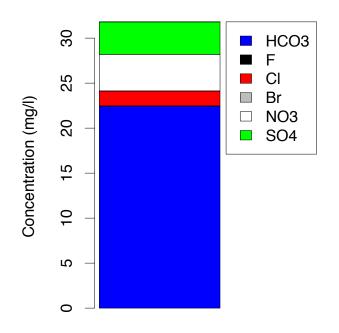
Description and Comments: Bore located close to the James Bridge (north side), between the State Observation Bore (B83230) and the Goulburn-Murray Water observation bore. The borehole is finished in the alluvial deposits of the Ovens Valley.

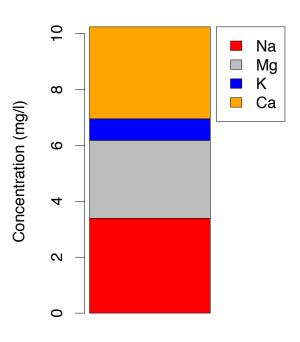
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data			
Date of Sampling	28.05.2012		
Depth Below Natural Surface (m) 4.152			
Reduced Water Level (m)			
EC (μS/cm)	65.10		
рН	5.8		
DO (mg/l)			

Stratigraphy:			
0- 7 m Gravels and sand			

Anions		Cations		Isotopes	
HCO ₃ (mg/L)	22.45	Li (μg/L)	1.55	Radon (Bq/m³)	18479
F (mg/L)	0.01	Na (mg/L)	3.39	δ ¹⁸ Ο (‰)	-6.5
CI (mg/L)	1.66	Mg (mg/L)	2.79	δ²Η (‰)	-40
Br (mg/L)	0.01	K (mg/L)	0.77	δ ¹³ C (‰)	-29.3
NO ₃ (mg/L)	4.05	Ca (mg/L)	3.29	¹⁴ C pMC	100.27
SO ₄ (mg/L)	3.62	Mn (μg/L	1.70	Tritium (TU)	2.403
		Fe (µg/L)	BDN		
		Sr (µg/L)	31.11	BDL=Below detection limit	
		Ba (µg/L)	13.21		



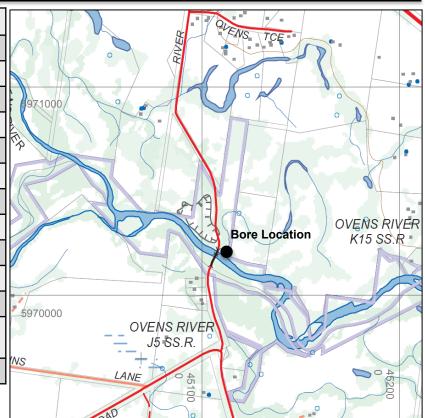




Borehole Infrastructure Report

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Site Data			
Site Code		Monash T1	
Site Name		Tarrawingee	
Region		Ovens River, VIC	
Easting	GDA94	451112	
Northing	Zone 55	5970209	
Elevation (m AHD)			
Bore Depth (m)		8	
Screen Length (m)		2	
Screen Top (m)		5	
Screen Bottom (m)		7	
Bore Top		Monument	
Top of Pipe to surface (m)		0.94	
Date Completed		17 th December 2010	



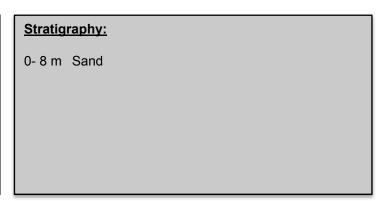
Construction details		
Borehole Type	Monitoring Bore	
Installed by	Monash University	
Drilled by	Alpine Drilling Pty Ltd	
Drilling Method	Advanced Casing	
Screen Type	Slotted PVC	
Casing size / Type	80mm Class A PVC	
Development Details		



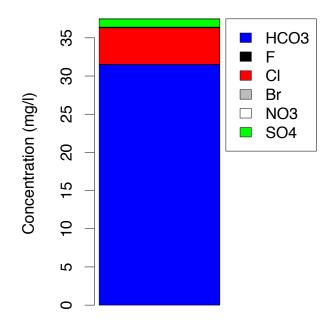
Description and Comments: Bore located close to the bridge (north side) on River Road. The borehole is finished in the alluvial deposits of the floodplain.

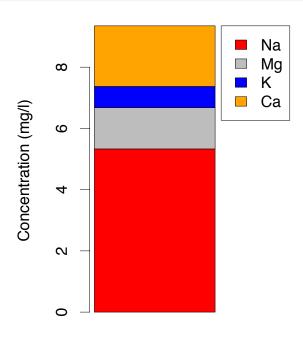
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data		
Date of Sampling	28.05.2012	
Depth Below Natural Surface (m)	3.416	
Reduced Water Level (m)		
EC (μS/cm)	74.20	
рН	6.20	
DO (mg/l)		



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	31.48	Li (μg/L)	0.31	Radon (Bq/m³)	16675
F (mg/L)	0.04	Na (mg/L)	5.33	δ ¹⁸ Ο (‰)	-6.3
CI (mg/L)	4.79	Mg (mg/L)	1.35	δ²Η (‰)	-37
Br (mg/L)	0.04	K (mg/L)	0.69	δ ¹³ C (‰)	-20.8
NO ₃ (mg/L)	0.06	Ca (mg/L)	1.98	¹⁴ C pMC	105.03
SO ₄ (mg/L)	1.08	Mn (μg/L	198.40	Tritium (TU)	2.289
		Fe (µg/L)	29.40		
		Sr (µg/L)	17.53		
		Ba (μg/L)	12.32		



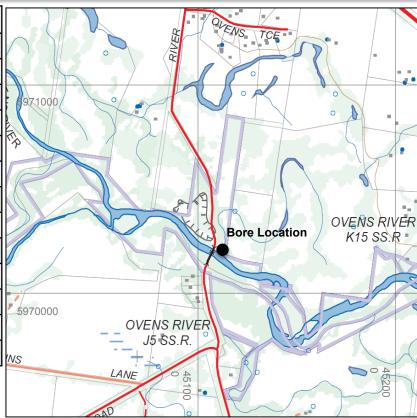




Borehole Infrastructure Report

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Site Data			
Site Code		Monash T2	
Site Name		Tarrawingee	
Region		Ovens River, VIC	
Easting	GDA94	451120	
Northing	Zone 55	5970212	
Elevation (m AHD)			
Bore Depth (m)		8	
Screen Le	ngth (m)	2	
Screen Top (m)		5	
Screen Bottom (m)		7	
Bore Top		Monument	
Top of Pipe (m)		0.90	
Date Completed		17 th December 2010	



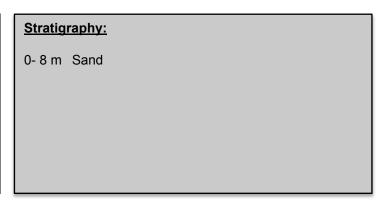
Construction details		
Borehole Type	Monitoring Bore	
Installed by	Monash University	
Drilled by	Alpine Drilling Pty Ltd	
Drilling Method	Advanced Casing	
Screen Type	Slotted PVC	
Casing size / Type	80mm Class A PVC	
Development Details		



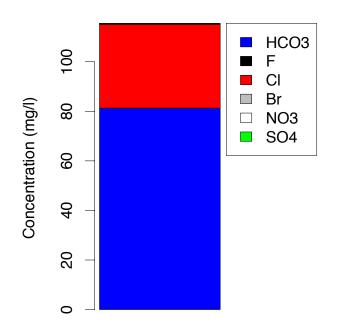
Description and Comments: Bore located close to the bridge (north side), next to the Goulburn-Murray Water observation bore (WRK056982) on River Road. The borehole is finished in the alluvial deposits of the floodplain.

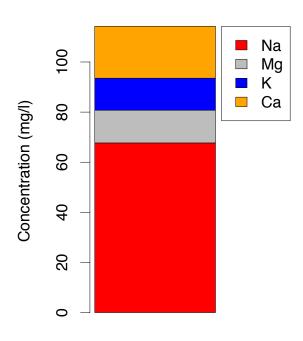
Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data		
Date of Sampling	28.05.2012	
Depth Below Natural Surface (m)	3.396	
Reduced Water Level (m)		
EC (μS/cm)	253	
pH	6.20	
DO (mg/l)		



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	81.25	Li (μg/L)	1.96	Radon (Bq/m³)	18021
F (mg/L)	0.05	Na (mg/L)	67.70	δ ¹⁸ Ο (‰)	-5.7
CI (mg/L)	33.79	Mg (mg/L)	13.05	δ²Η (‰)	-37
Br (mg/L)	0.09	K (mg/L)	12.79	δ ¹³ C (‰)	-19.2
NO ₃ (mg/L)	0.07	Ca (mg/L)	20.71	¹⁴ C pMC	103.67
SO ₄ (mg/L)	0.27	Mn (μg/L	2140	Tritium (TU)	2.260
		Fe (μg/L)	3476		
		Sr (µg/L)	156.50		
		Ba (μg/L)	235.00		







Borehole Infrastructure Report

An Australian Government Initiative

Site Data		
Site Code		Monash T3
Site Name	•	Tarrawingee
Region		Ovens River, VIC
Easting	GDA94	451136
Northing	Zone 55	5970245
Elevation (m AHD)		
Bore Depth (m)		9
Screen Le	ngth (m)	2
Screen Top (m)		6
Screen Bottom (m)		8
Bore Top		Monument
Top of Pipe (m)		0.96
Date Completed		17 th December 2010



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	80mm Class A PVC	
Development Details		

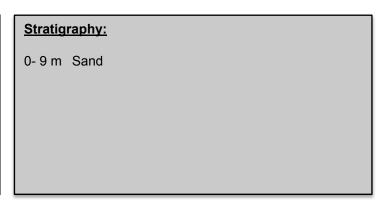


Description and Comments: Bore located close to the bridge (north side) on River Road. The borehole is finished in the alluvial deposits of the floodplain.

Continuous Data: Continuous water depth data are available for this site, measured with InSitu Rugged TROLL 100 at 30 minute intervals.

Infrastructure Report by:	Contact Details:	Checked by: Prof lan Cartwright
Dr Harald Hofmann		lan.Cartwright@monash.edu

Field Data				
Date of Sampling	28.05.2012			
Depth Below Natural Surface (m)	3.460			
Reduced Water Level (m)				
EC (μS/cm)	464			
рН	6.43			
DO (mg/l)				



Anions		Cations		Isotopes	
HCO ₃ (mg/L)	127.49	Li (μg/L)	0.99	Radon (Bq/m³)	14892
F (mg/L)	0.06	Na (mg/L)	40.64	δ ¹⁸ Ο (‰)	-4.6
CI (mg/L)	77.07	Mg (mg/L)	6.39	δ²Η (‰)	-31
Br (mg/L)	0.21	K (mg/L)	1.95	δ ¹³ C (‰)	-17.4
NO ₃ (mg/L)	0.04	Ca (mg/L)	6.65	¹⁴ C pMC	102.32
SO ₄ (mg/L)	0.14	Mn (μg/L	1121	Tritium (TU)	2.317
		Fe (µg/L)	4897		
		Sr (μg/L)	79.61		
		Ba (μg/L)	73.32		

