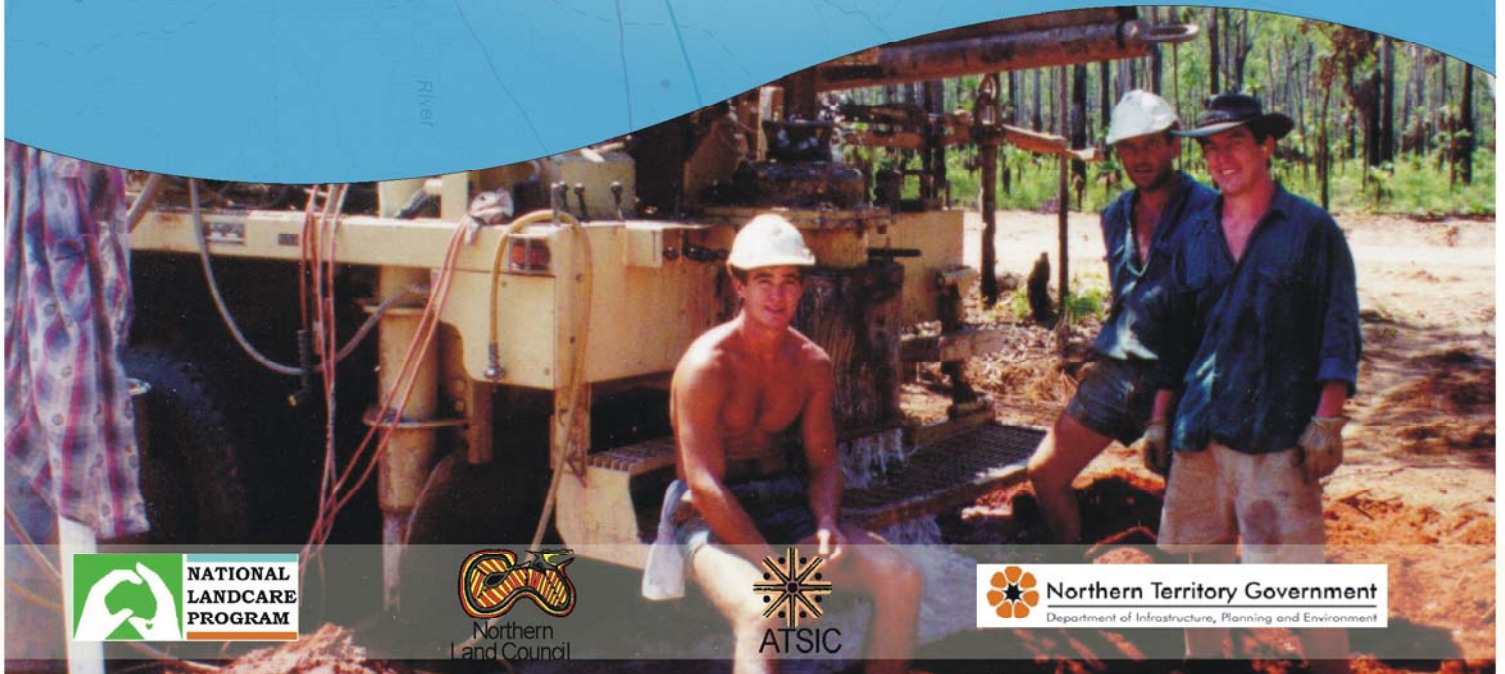
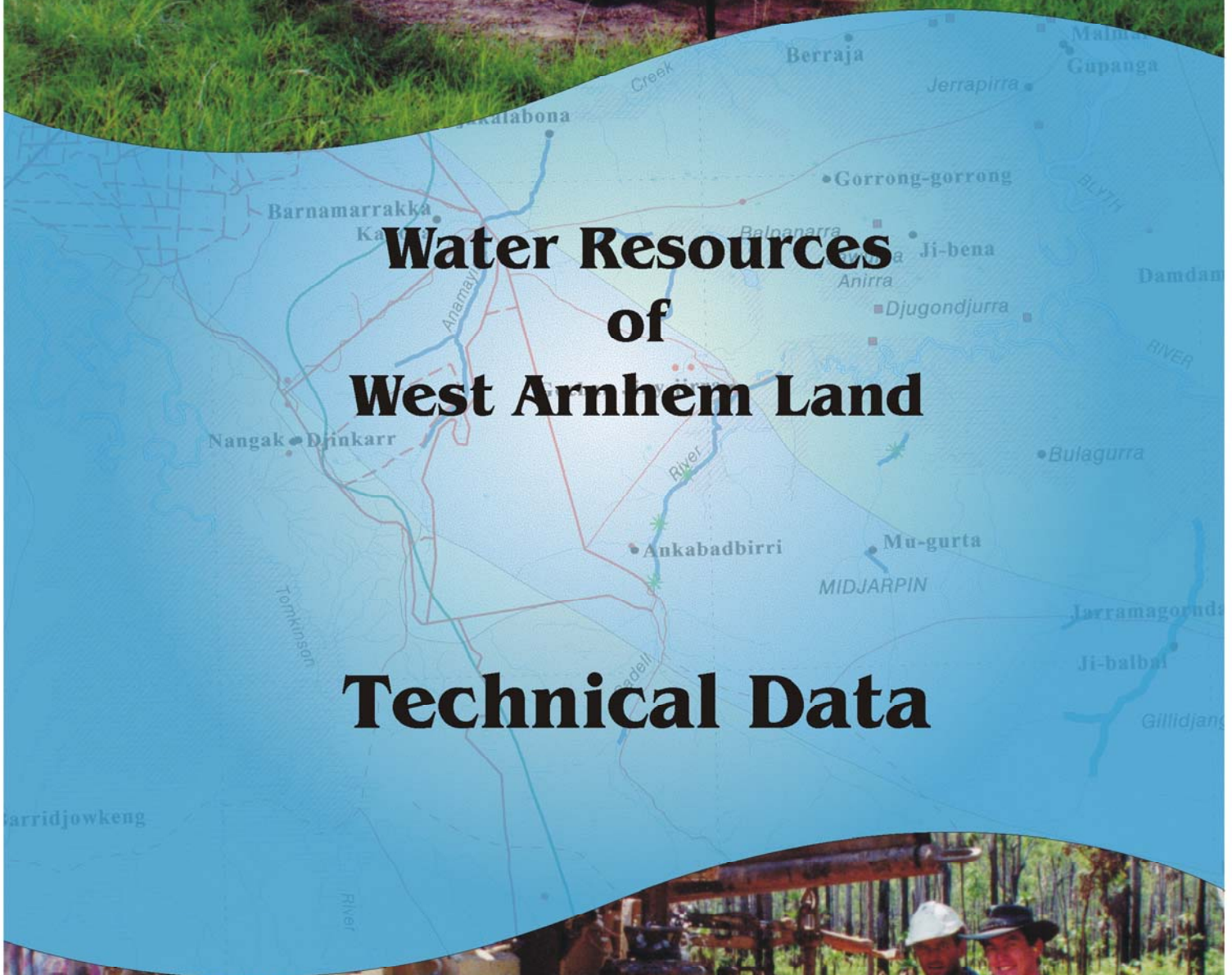




# Water Resources of West Arnhem Land

## Technical Data



DEPARTMENT OF INFRASTRUCTURE, PLANNING AND ENVIRONMENT  
CONSERVATION AND NATURAL RESOURCES GROUP

**WATER RESOURCES  
OF  
WEST ARNHEM LAND**

**TECHNICAL DATA**



Inspecting drilling cuttings, Mandillbareng

REPORT NUMBER 35/2003D

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DARWIN NT

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## **1 INTRODUCTION**

This report has been compiled to accompany the Water Resource maps and report titled 'Water Resources of West Arnhem Land' which was produced as part of the West Arnhem Land Water Study. It contains details of previous reports, bores, surface water sites and rainfall stations.

The study assessed the water resources of West Arnhem Land and was funded by the Conservation and Natural Resources Group (CNRG) of the Department of Infrastructure, Planning and Environment (DIPE), the National Landcare Program (Natural Heritage Trust) and the Aboriginal and Torres Strait Islander Commission.

This report is accessible in digital format on the CD-ROM produced as part of this study.

### **1.1 Conservation and Natural Resources' Reports**

A list of reports held by the Natural Systems Division of CNRG, DIPE is provided in Table 1. This Division has worked under previous names including:

- Natural Resources Division of the Department of Lands, Planning and Environment
- Water Resources Division of the Department of Lands, Planning and Environment
- Water Resources Division of the Power and Water Authority
- Water Resources Division of the Department of Mines and Energy
- It was also once part of the Federal government system.

All reports were produced internally and deal with ground and surface water supply projects to communities and outstations in West Arnhem Land, dating from 1960. These reports are available in paper copy at the Division's libraries in Darwin and are now also available in digital format. Many can be accessed via the World Wide Web.

### **1.2 Groundwater information**

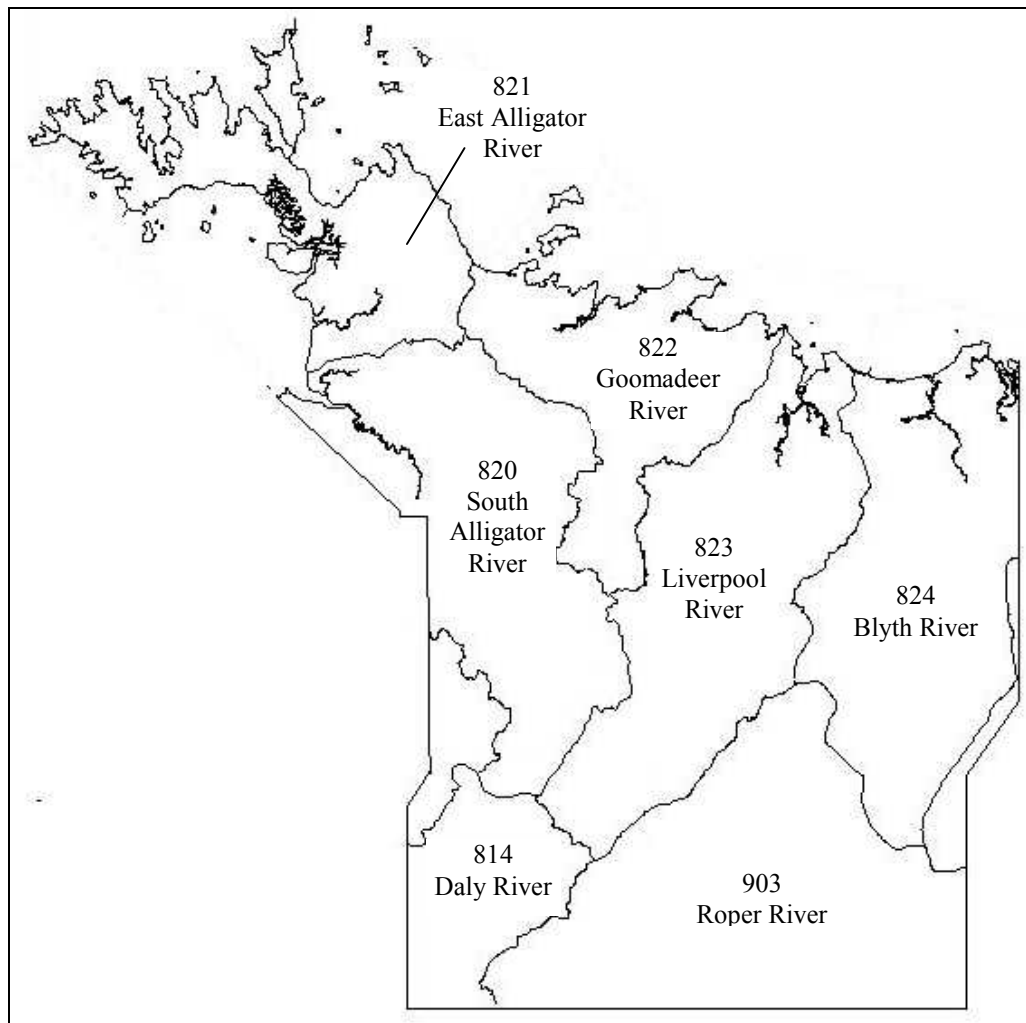
Groundwater information is compiled from bores drilled in the region. All bores drilled in the Territory are required to be registered with the Department, and are each assigned a unique 'RN' or Registration Number. All bore data is located on the Division's HYDSYS database. Groundwater information is collected from both privately drilled bores and bores drilled as

part of a Departmental investigation or water supply program. RN's are simply sequential, and do not relate to bore location.

### 1.3 Surface Water information

The Australian Water Resources Council has divided Australia into drainage basins, each having a unique three digit number. All surface water sites within a basin contain the three digit number as a prefix to its unique 7 digit number site locality. All data listed herein has been obtained from the HYDSYS database.

Figure 1 shows the drainage basins in the West Arnhem study area.



**Figure 1** Division of drainage basins and their associated number

The surface water information presented in this report provides an outline of the information available from the HYDSYS database. More detailed information attainable from the database includes:

- river height data
- river flow data
- mean, minimum and maximum flow and height values
- flow duration analysis
- rainfall analysis
- chemical parameter analysis
- groundwater levels

An attempt was made to extend the low flow record for several rivers back to 1910 when the recording of rainfall began in the region. This attempt is presented in the Appendix.

## **References**

U. ZAAR, 2003. Water Resources of West Arnhem Land. Department of Infrastructure, Planning and Environment, Conservation and Natural Resources Group.

### **Informative References:**

National Land and Water Resources Audit, Australian Water Resources Assessment 2000. Info available at [www.nlwra.gov.au](http://www.nlwra.gov.au)

## **Table 1**

# **Departmental Reports on West Arnhem Land**

<b>Report Number</b>	<b>Title</b>	<b>Author</b>	<b>Type of report</b>	<b>WEB reference number</b>
<b>Reports in standard text are going to be scanned but are not yet available.</b> <b>Reports in italics have been scanned and are available in digital form.</b>		<b>GW = Groundwater Report</b> <b>SW = Surfacewater Report</b> <b>GP = Geophysical Report</b>		
04/60D	Croker Island Mission, Field Trip Report.		GW	WRD60004
13/60D	Goulburn Island mission - field trip report.	Augustine, P.	GW	WRD60013
14/60D	Oenpelli Mission water supply - field trip report.	G. Mason	GW	WRD60014
15/60D	Oenpelli Mission water supply-water resources survey.	Augustine, P	GW	WRD60015
18/60D	Maningrida Welfare settlement Water resources Survey Field report.	P. Augustine, C. Hansen,	GW	WRD60018
<i>18/62D</i>	<i>Oenpelli mission - water resources investigation.</i>	<i>C.M.Friel</i>	<i>GW</i>	<i>WRD62018</i>
<i>07/63D</i>	<i>Croker Island Groundwater Investigations.</i>		<i>GW</i>	<i>WRD63007</i>
32/64D	Oenpelli mission - field trip report.	K.D.Tybell	GW	WRD64032
24/65D	Oenpelli Mission - Fish Creek Water Supply potential.	D. Kneebone	GW	WRD65024
29/68D	Cobourg Peninsula to King River a report on preliminary investigation of surface water - groundwater - port potential.			WRD68029
23/72D	Augmentation of Oenpelli mission water supply.	H. Rose	GW	WRD72023
07/73D	Maningrida: Geophysical Resistivity Survey.	C.J. Braybrook	GP	

03/81D	Groundwater Data Summary: Nabarlek Area Alligator Rivers Region.		GW	
08/81D	Nabarlek Area 1980 Groundwater Investigation.		GW	
13/81D	Nabarlek Resistivity Survey. Hydrogeophysical report	P. Furness	GP	WRD81013
19/81D	Nabarlek Area 1979 Groundwater Investigations.		GW	
53/81D	<i>Goulburn Island Geophysical survey. Hydrogeophysical report 81/10.</i>	<i>P.Furness</i>	<i>GP</i>	<i>WRD81053</i>
56/81D	<i>Resistivity and electromagnetic survey Nabarlek Hydrogeophysical Report.</i>	<i>P.Furness</i>	<i>GW</i>	<i>WRD81056</i>
62/81D	<i>Goulburn Island Electromagnetic survey. Hydrogeophysical report 81/15</i>	<i>P.Furness</i>	<i>GP</i>	<i>WRD81062</i>
68/81D	<i>South Goulburn Island Water Supply, Warruwi Community Preliminary Report.</i>	<i>N. Power</i>	<i>GP</i>	<i>WRD81068</i>
11/82D	<i>Groundwater Resources - Investigation Smith Point, Cobourg Peninsula</i>	<i>N. Power</i>	<i>GW</i>	<i>WRD82011</i>
45/82D	Oenpelli Resistivity survey. Hydrogeophysical report.	P.Furness	GP	
16/83D	<i>Baseflow Water Quality Surveys in Rivers in N.T. Vol 1. Katherine &amp; East Alligator Rivers. Timor Sea Drainage Basin</i>	<i>Dept of Transport &amp; Works</i>	<i>SW</i>	<i>WRD83016</i>
74/83D	<i>Oenpelli Resistivity Survey. Hydrogeophysical Report.</i>	<i>P Furness</i>	<i>GP</i>	<i>WRD83074</i>
80/83D	<i>Mount Catt Resistivity Survey. Hydrogeophysical Report.</i>	<i>P. Furness</i>	<i>GP</i>	<i>WRD83080</i>
82/83D	<i>Hydrogeology of the Nabarlek Area. A paper presented at the Jabiru Workshop.</i>	<i>M.N.Verma &amp; S.Appleyard</i>	<i>GW</i>	<i>WRD83082</i>
83/83D	<i>Regional Hydrogeology of the Alligator Rivers Region.</i>	<i>M.N. Verma</i>	<i>GW</i>	<i>WRD83083</i>
94/83D	<i>Groundwater investigation Mount Catt for the Department of Community Development</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD83094</i>
38/84D	<i>Nabarlek Groundwater flow -</i>	<i>S.Appleyard</i>	<i>GW</i>	<i>WRD84038</i>

*preliminary modelling the dolerite aquifer.*

41/84D	<i>Nabarlek Pit decommissioning migration of sulphate, nitrate and radium ions in groundwater - preliminary modelling</i>	<i>S.Appleyard</i>	<i>GW</i>	<i>WRD84041</i>
49/84D	<i>Bore completion - Dam Dam outstation</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD84049</i>
53/84D	<i>Bore completion - Gamardie outstation.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD84053</i>
54/84D	<i>Bore Completion Report – GurrnGurr Outstation</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD84054</i>
60/84D	<i>Bore completion - Namurgadabu outstation.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD84060</i>
76/84D	<i>Oenpelli Seismic survey. Hydrogeophysical report.</i>		<i>GP</i>	<i>WRD84076</i>
88/84D	<i>Bore Completion Report - Bulman Outstation.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD84088</i>
08/85D	<i>Nabarlek Deep Aquifer Models.</i>	<i>R.B.Salma, M.N.Verma</i>	<i>GW</i>	<i>WRD85008</i>
12/85D	<i>Nabarlek Shallow Aquifer Model.</i>	<i>D.Pidsley</i>	<i>GW</i>	<i>WRD85012</i>
20/85D	<i>Barunga, Bulman, Lajamanu, Ngukurr – Investigations for Water and Sewerage Services.</i>	<i>K. Stevens</i>	<i>GW</i>	<i>WRD85020</i>
26/85D	<i>Field Hydrographic Report:Cooper Creek 1984/5 Wet Season.</i>		<i>SW</i>	<i>WRD85026</i>
27/85D	<i>Gunbalunya [Oenpelli]: Water Source Investigation 1983.</i>	<i>N.Power, R.Britten</i>	<i>GW</i>	<i>WRD85027</i>
71/85D	<i>Dye Study on Cooper Creek February 1985.</i>		<i>SW</i>	<i>WRD85071</i>
87/85D	<i>Hydrogeophysical Report 85/3 South Goulburn Island Geophysical Survey</i>	<i>Peter Furness</i>	<i>GP</i>	<i>WRD85087</i>
13/86D	<i>Groundwater Resource Evaluation, South Goulburn Island.</i>	<i>D. Yin Foo</i>	<i>GW</i>	<i>WRD86013</i>
96/86D	<i>Bore Completion Report – Djimalawa Outstation.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD86096</i>
05/87D	<i>Maningrida Geoelectrical survey hydrogeophysical report.</i>	<i>M. Sexton</i>	<i>GP</i>	<i>WRD87005</i>

44/88D	<i>Bore Completion Report, Gorang-Gorang</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD88044</i>
69/88D	<i>Bore completion - Djebenna outstation</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD88069</i>
08/89D	<i>Geological History of the Retract of the Arnhem Escarpment.</i>	<i>ANSTO Tech</i>	<i>GP</i>	
11/89D	<i>Minjilang Groundwater Resource Evaluation.</i>	<i>P. Jolly</i>	<i>GW</i>	<i>WRD89011</i>
42/89D	<i>Bulman Community - Groundwater Resources Evaluation.</i>	<i>M.N.Verma</i>	<i>GW</i>	<i>WRD89042</i>
58/89D	<i>Bore completion – Croker Island Outstations.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD89058</i>
61/89D	<i>Bore Completion Report – Gummeringbang Outstation</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD89061</i>
63/89D	<i>Bore completion - Korlobirrahda outstation</i>	<i>R. Sanders</i>	<i>GW</i>	<i>WRD89063</i>
64/89D	<i>Bore completion - Mewirabi outstation.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD89064</i>
65/89D	<i>Bore completion - Mumeka outstation.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD89065</i>
73/89D	<i>1989 Bore completion - Gudjekeinji outstation.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD89073</i>
33/90D	<i>Coburg Peninsula: Gulgul and Mariah Outstations.</i>	<i>D.Chin</i>	<i>GW</i>	<i>WRD90033</i>
110/90D	<i>Bore completion report. Manmoyi outstation.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD90110</i>
111/90D	<i>Bore completion report - Marrkolidban outstation.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD90111</i>
113/90D	<i>Bore completion report. Waidaboonor outstation.</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD90113</i>
116/90D	<i>Bore Completion Report – Yayminy Outstation</i>	<i>D. Karp</i>	<i>GW</i>	<i>WRD90116</i>
33/91D	<i>Waruwi [Goulburn Island] Northern Aquifer Groundwater Resource Evaluation.</i>	<i>D. Yin Foo, A.Moretti</i>	<i>GW</i>	<i>WRD91033</i>
39/91D	<i>Maningrida Groundwater Resource Evaluation.</i>	<i>P.Tyson, A.Moretti, P.Jolly, D.Yin Foo</i>	<i>GW</i>	<i>WRD91039</i>

57/91D	<i>Bulman Groundwater Resource Evaluation</i>	<i>M.Verma, P.Rowston</i>	GW	WRD91057
64/91D	<i>Bore Completion Report – Cadell Gardens Outstation</i>	<i>D. Karp</i>	GW	WRD91064
65/91D	Bore completion - Djebenna outstation	D. Karp	GW	WRD91065
67/91D	Bore completion - Kuruldu outstation	D. Karp	GW	WRD91067
20/92D	<i>Bore Completion Report – Bulagardaru Outstation</i>	<i>M. N. Verma</i>	GW	WRD92020
30/92D	<i>1992 Bore completion report. Ngangkalord outstation.</i>	<i>M. Verma</i>	GW	WRD92030
35/92D	<i>Oenpelli Groundwater Resource Evaluation.</i>	<i>P.Tyson D.Yin Foo</i>	GW	WRD92035
54/92D	Preliminary Assessment of the feasibility of artificial recharge on South Goulburn Island.	Dames and Moore	GW	
56/92D	<i>Bore completion report. Gurrh Gurrh outstation.</i>	<i>M. Verma</i>	GW	WRD92056
43/94D	Assessment of water sources Mammadawerre.	P. Tyson	GW	WRD94043
44/94D	<i>Assessment of water sources Manmoyi outstation</i>	<i>P. Tyson</i>	GW	WRD94044
01/95D	<i>Rocky Point Outstation, Bore Completion Report</i>		GW	WRD95001
13/95D	<i>Oenpelli Water Supply Upgrade 1994.</i>	<i>R.Wallis, J.R.Passmore</i>	GW	WRD95013
02/2002	Artificial Storage and Recovery Project, South Goulburn Island – Hydrogeological Investigations.	A. Knapton	GW	
D0661	Progress Report on the Geology of the Bathurst Island, Melville Island, Cobourg Peninsula & Fog Bay areas, Northern Territory.	Hughes R.J. Senior B.R.	GW	WRE00661
D0666	Stratigraphic Drilling, Cobourg Peninsula area, N.T.	Hughes, R,J,	GW	WRE00666
D0548	The Coral Bay Wilderness Resort, Cobourg Peninsula, NT. Presentation Report on behalf of the Proposed Directors and Shareholders of the Proposed Owner/Operator, Coral Bay Wilderness Pty Ltd.	Vaughan Hosking Freeman Fox Pty Ltd,		

D0692 Oenpelli Borefield - Desk Top Study and Results of Field Visit. I. Matthews GW

## **Table 2**

### **Bores Currently Monitored**

<b>Bore RN</b>	<b>Bore name</b>	<b>Location</b>	<b>Current monitoring (last date visited)</b>	<b>Date drilled</b>
RN007976	WR 72/1 OENPELLI	Oenpelli	3/07/02	16/09/72
RN008023	WR 72/7 OENPELLI SETTLEMENT	Oenpelli	3/07/02	14/10/72
RN008024	WR 72/8 OENPELLI SETTLEMENT	Oenpelli	3/07/02	18/10/72
RN009209	OENPELLI 77/24 OENPELLI MISSION	Oenpelli	3/07/02	25/11/77
RN022275	OENPELLI 83/8 OENPELLI MISSION	Oenpelli	3/07/02	
RN022276	OENPELLI 83/9 OENPELLI MISSION	Oenpelli	3/07/02	
RN022357	OENPELLI 83/20 OENPELLI MISSION	Oenpelli	3/07/02	
RN022524	OENPELLI 83/37 OENPELLI MISSION	Oenpelli	3/07/02	

## **Table 3**

### **Bores previously monitored**

Bore RN	Bore name	Location	Current monitoring (last date visited)	Easting	Northing	Depth drilled (m)	Date drilled	SWL (m)	Yield (L/s)
RN007266	BORE NO. 8 BLACK JUNGLE CROKER ISLAND	Minjilang	3/01/96	232937.4	8768362	0		0	0
RN008124	MANINGRIDA PROD 13 A73/14	Maningrida	3/03/98	416750	8663885	0		0	0
RN008125	MANINGRIDA PROD. 14 73/15	Maningrida	3/03/98	417217	8664467	0		0	0
RN009369	OB 34 NABARLEK	Nabarlek	8/09/86	318136.9	8639821	15.8	31/08/78	3.6	1.5
RN009370	OB 33 NABARLEK	Nabarlek	8/09/86	318357.9	8639643	14	31/08/78	3.5	2.3
RN009371	TB 22 NABARLEK	Nabarlek	16/06/87	318594.9	8639639	26.2	1/09/78	3.7	3
RN009372	TB23 NABARLEK	Nabarlek	8/09/86	318805.9	8639623	18.3	2/09/78	3.2	3.1
RN009373	OB 1 NABARLEK	Nabarlek	9/09/86	317731.9	8638933	29	4/09/78	6	2.3
RN009374	OB 2 NABARLEK	Nabarlek	9/09/86	317745.9	8638798	31	4/09/78	6.3	1.3
RN009426	TB 1 NABARLEK	Nabarlek	10/09/86	318365.9	8641753	51	20/07/78	2.8	2
RN009427	TB 2 NABARLEK	Nabarlek	8/09/86	319067.9	8639804	33	21/07/78	1.7	3.4
RN009428	TB 3 NABARLEK	Nabarlek	3/07/84	319246.9	8639715	47	23/07/78	2.3	2.3
RN009429	TB 4 NABARLEK	Nabarlek	8/09/86	319268.9	8639603	16	24/07/78	2.8	1.9
RN009430	TB 5 NABARLEK	Nabarlek	10/09/86	318416.9	8638868	34	26/07/78	2.2	4.4
RN009431	NABARLEK TB 6	Nabarlek	10/09/86	318811.9	8641483	34	26/07/78	2.2	0.1
RN009432	TB 7 NABARLEK	Nabarlek	10/09/86	318510.9	8641416	46	1/08/78	2.3	0.1
RN009433	TB 8 NABARLEK	Nabarlek	10/09/86	318323.9	8641315	46	3/08/78	4	0.1
RN009434	TB 9 NABARLEK	Nabarlek	10/09/86	318355.9	8641755	40	4/08/78	2.7	1.5
RN009435	TB 10 NABARLEK	Nabarlek	10/09/86	317969.9	8641801	43.5	6/08/78	0	0
RN009436	TB 11 NABARLEK	Nabarlek	10/09/86	318564.9	8641710	33.5	7/08/78	3.4	0.11
RN009437	TB 12 NABARLEK	Nabarlek	10/09/86	318387.9	8641441	33	8/07/78	3.8	0.9
RN009442	OB 35 NABARLEK	Nabarlek	8/09/86	317781.9	8639718	15.2	10/08/78	3.3	2.4
RN009444	TB 19 NABARLEK	Nabarlek	8/09/86	317976.9	8639701	13	11/08/78	3.7	2.3
RN009451	1/78 MANINGRIDA	Maningrida	16/08/01	417581	8664976	0		0	0
RN009671	OB 16 NABARLEK	Nabarlek	23/09/87	317396.9	8638832	28.5	19/05/79	7.6	0.05
RN009672	OB 17 NABARLEK	Nabarlek	9/09/86	317446.9	8638513	26	23/05/79	16.5	0.2
RN009673	OB 18 NABARLEK	Nabarlek	9/09/86	317624.9	8638782	28	18/05/79	0	0.5
RN009674	OB 19 NABARLEK	Nabarlek	9/09/86	317739.9	8638515	80	30/05/79	16.7	1.5
RN009675	OB 20 NABARLEK	Nabarlek	9/09/86	317601.9	8638383	80	29/05/79	12.6	5
RN009676	OB 21 NABARLEK	Nabarlek	23/09/87	317594.9	8637900	22.5	25/05/79	4.2	7
RN009677	OB 22 NABARLEK	Nabarlek	16/06/87	317715.9	8637902	50	26/05/79	4	8
RN009678	OB 23 NABARLEK	Nabarlek	23/09/87	317868.9	8638163	80	27/05/79	14.9	0.5
RN009679	TB 24 NABARLEK	Nabarlek	9/09/86	318126.9	8638965	18.3	14/05/79	4.3	3.3
RN009680	TB 26 NABARLEK	Nabarlek	16/06/87	317937.9	8639039	21.2	15/05/79	5.7	1.9
RN009681	TB 26 NABARLEK	Nabarlek	9/09/86	317936.9	8638943	17.9	15/05/79	5.3	3.8
RN009682	TB 27 NABARLEK	Nabarlek	9/09/86	318256.9	8638983	20.6	16/05/79	0	3.4

Bore RN	Bore name	Location	Current monitoring (last date visited)	Easting	Northing	Depth drilled (m)	Date drilled	SWL (m)	Yield (L/s)
RN009861	NABARLEK	Nabarlek	22/09/86	320031.8	8638816	0		0	0
RN009862	NABARLEK	Nabarlek	8/09/86	316603.9	8636163	0		0	0
RN009863	NABARLEK	Nabarlek	10/09/86	319414.8	8645191	22.5	4/10/79	3.2	0.1
RN009864	NABARLEK	Nabarlek	23/09/87	317222.9	8641585	31.5	6/10/79	2.5	0.05
RN009865	NABARLEK	Nabarlek	23/09/87	319406.9	8640634	50	10/10/79	0	0
RN020005	NABARLEK	Nabarlek	23/09/87	319298.9	8639823	56	9/11/79	5.9	1.3
RN020006	NABARLEK	Nabarlek	23/09/87	319437.9	8639462	39.3	11/11/79	4.1	1
RN020007	NABARLEK	Nabarlek	10/09/86	319402.8	8641971	44	14/11/79	3.6	0.5
RN020120	OB 1D NABARLEK	Nabarlek	9/09/86	317435.9	8639403	0		0	0
RN020121	OB 2D NABARLEK	Nabarlek	23/09/87	317161.9	8639598	0		0	0
RN020122	OB 3D NABARLEK	Nabarlek	9/09/86	317036.9	8639682	0		0	0
RN020123	OB 4D NABARLEK	Nabarlek	9/09/86	316878.9	8639777	0		0	0
RN020124	OB 5D NABARLEK	Nabarlek	9/09/86	316571.9	8639583	0		0	0
RN020125	OB 6D NABARLEK	Nabarlek	9/09/86	316618.9	8639443	0		0	0
RN020126	OB 7D NABARLEK	Nabarlek	9/09/86	316856.9	8640103	0		0	0
RN020127	OB 8D NABARLEK	Nabarlek	9/09/86	317068.9	8639043	0		0	0
RN020128	OB 9D NABARLEK	Nabarlek	9/09/86	317215.9	8638991	0		0	0
RN020129	OB 10D NABARLEK	Nabarlek	9/09/86	317646.9	8639014	0		0	0
RN020130	OB 11D NABARLEK	Nabarlek	9/09/86	317166.9	8639313	0		0	0
RN020131	OB 11 NABARLEK	Nabarlek	9/09/86	317972.9	8639248	0		0	0
RN020132	BORE SB1 B(S) NABARLEK	Nabarlek	15/12/81	318126.9	8638163	0		0	0
RN020133	BORE SB2B(S) NABARLEK	Nabarlek	12/01/82	318127.9	8638163	0		0	0
RN020134	BORE SB3 B(S) NABARLEK	Nabarlek	9/09/86	318128.9	8638163	0		0	0
RN020135	BORE SB4 B(S) NABARLEK	Nabarlek	9/09/86	318129.9	8638163	0		0	0
RN020136	BORE SB5 B(S) NABARLEK	Nabarlek	9/09/86	318130.9	8638163	0		0	0
RN020137	BORE SB6 B(S) NABARLEK	Nabarlek	9/09/86	318131.9	8638163	0		0	0
RN020138	BORE SB7 B(S) NABARLEK	Nabarlek	9/09/86	318132.9	8638163	0		0	0
RN020139	BORE SB 8 B(S) NABARLEK	Nabarlek	9/09/86	318126.9	8638163	0		0	0
RN020140	BORE SB9 B(S) NABARLEK	Nabarlek	15/12/81	318133.9	8638163	0		0	0
RN020141	BORE SB10 B(S) NABARLEK	Nabarlek	15/04/84	318134.9	8638163	0		0	0
RN020142	BORE SB12 B(S) NABARLEK	Nabarlek	3/07/84	318135.9	8638163	0		0	0
RN020146	OB 31 NABARLEK	Nabarlek	23/09/87	318488.9	8638892	0		0	0
RN020147	OB 32 NABARLEK	Nabarlek	9/09/86	318226.9	8639553	0		0	0
RN020148	TB 33 NABARLEK	Nabarlek	8/09/86	317784.9	8637643	0		0	0
RN020149	TB 34 NABARLEK	Nabarlek	23/09/87	317836.9	8637773	0		0	0
RN020150	TB 35 NABARLEK	Nabarlek	23/09/87	317837.9	8637773	0		0	0

Bore RN	Bore name	Location	Current monitoring (last date visited)	Easting	Northing	Depth drilled (m)	Date drilled	SWL (m)	Yield (L/s)
RN020151	TB 36 NABARLEK	Nabarlek	8/09/86	317617.9	8637723	0		0	0
RN020153	TB 38 NABARLEK	Nabarlek	8/09/86	317613.9	8637640	0		0	0
RN020154	TB 39 NABARLEK	Nabarlek		317579.9	8637506	0		0	0
RN020155	TB 40 NABARLEK	Nabarlek	23/09/87	317748.9	8637513	0		0	0
RN020156	TB 41 NABARLEK	Nabarlek	3/07/84	317836.9	8637503	0		0	0
RN020158	BORE TB 43 NABARLEK	Nabarlek	16/06/87	317696.9	8637513	0		0	0
RN020428	NABARLEK	Nabarlek	10/09/86	317469.9	8642138	0		0	0
RN020429	NABARLEK	Nabarlek	23/09/87	317206.9	8641572	0		0	0
RN020430	NABARLEK	Nabarlek	10/09/86	317087.9	8641673	0		0	0
RN020431	NABARLEK	Nabarlek	23/09/87	316803.9	8640233	0		0	0
RN020432	NABARLEK	Nabarlek	17/03/87	319455.9	8640522	0		0	0
RN020433	NABARLEK	Nabarlek	23/09/87	319537.8	8640487	0		0	0
RN020434	N 7 NABARLEK	Nabarlek	23/09/87	319581.8	8640470	0		0	0
RN020435	NABARLEK	Nabarlek	16/06/87	319483.9	8638973	0		0	0
RN020436	NABARLEK	Nabarlek	22/09/86	320046.8	8638790	0		0	0
RN020437	NABARLEK	Nabarlek	10/09/86	316829.9	8640097	0		0	0
RN020438	NABARLEK	Nabarlek	8/09/86	317312.9	8637043	0		0	0
RN020439	NABARLEK	Nabarlek	23/09/87	317908.9	8637750	0		0	0
RN020440	NABARLEK	Nabarlek	22/09/86	320087.8	8638823	0		0	0
RN020441	NABARLEK	Nabarlek	16/06/87	319452.9	8639573	0		0	0
RN020442	NABARLEK	Nabarlek	3/07/84	319436.8	8645213	0		0	0
RN020471	NABARLEK	Nabarlek	23/09/87	315627.9	8638664	0		0	0
RN020472	NABARLEK	Nabarlek	23/09/87	315635.9	8638586	0		0	0
RN020473	NABARLEK	Nabarlek	23/09/87	318295.9	8638523	0		0	0
RN020474	NABARLEK	Nabarlek	23/09/87	318231.9	8638387	0		0	0
RN020475	NABARLEK	Nabarlek	23/09/87	318279.9	8638209	0		0	0
RN020476	NABARLEK	Nabarlek	23/09/87	318741.9	8638294	0		0	0
RN020477	NABARLEK	Nabarlek	23/09/87	318301.9	8638020	0		0	0
RN020478	NABARLEK	Nabarlek	8/09/86	318137.9	8638001	0		0	0
RN020479	NABARLEK	Nabarlek	8/09/86	318349.9	8638805	0		0	0
RN020890	WR 81/12 GOULBURN ISLAND	Warruwi	5/08/97	328126.7	8714583	0		0	0
RN020955	WR 81/28 GOULBURN ISLAND	Warruwi	10/09/96	328776.7	8715413	0		0	0
RN021038	NABARLEK BORE NABARLEK	Nabarlek		317986.9	8638153	0		0	0
RN022133	WR 83/4 NABARLEK	Nabarlek	8/09/86	318272.9	8639159	0		0	0
RN023015	OB 26 S NABARLEK	Nabarlek		316862.9	8639740	0		0	0
RN023016	OB 27 S NABARLEK	Nabarlek		316882.9	8639726	0		0	0

Bore RN	Bore name	Location	Current monitoring (last date visited)	Easting	Northing	Depth drilled (m)	Date drilled	SWL (m)	Yield (L/s)
RN023017	PR:1 NABARLEK	Nabarlek		317841.9	8638403	0		0	0
RN023018	PR:2 NABARLEK	Nabarlek	23/09/87	317806.9	8638448	0		0	0
RN023019	NABARLEK	Nabarlek	23/09/87	317127.9	8640563	0		0	0
RN023020	OB:24 NABARLEK	Nabarlek	23/09/87	318187.9	8639407	0		0	0
RN023021	OB 25 NABARLEK	Nabarlek	23/09/87	317946.9	8638428	0		0	0
RN023022	OB 35 (TB 17 A) NABARLEK	Nabarlek	23/09/87	317752.9	8639716	0		0	0
RN023023	OB 36 NABARLEK	Nabarlek	23/09/87	317236.9	8639733	0		0	0
RN023024	OB 37 NABARLEK	Nabarlek	23/09/87	318159.9	8639209	0		0	0
RN023025	OB 40 NABARLEK	Nabarlek	9/09/86	317010.9	8638810	0		0	0
RN023026	OB 40 S NABARLEK	Nabarlek	9/09/86	317014.9	8638810	0		0	0
RN023027	OB 42 NABARLEK	Nabarlek	9/09/86	316371.9	8639447	0		0	0
RN023028	OB 42 S NABARLEK	Nabarlek	9/09/86	316374.9	8639443	0		0	0
RN023029	OB 43 NABARLEK	Nabarlek	9/09/86	316317.9	8639179	0		0	0
RN023030	OB 43 S NABARLEK	Nabarlek	9/09/86	316316.9	8639172	0		0	0
RN023031	OB 25 NABARLEK	Nabarlek	23/09/87	316008.9	8639286	0		0	0
RN023095	OB 45 S NABARLEK	Nabarlek	7/09/87	316005.9	8639278	0		0	0
RN023096	OB 47 NABARLEK	Nabarlek	6/08/87	316412.9	8640010	0		0	0
RN023097	OB 47 S NABARLEK	Nabarlek	23/07/87	316417.9	8640010	0		0	0
RN023108	OB 48 NABARLEK	Nabarlek	9/09/86	317276.9	8638544	0		0	0
RN023109	OB 48 S NABARLEK	Nabarlek	9/09/86	317277.9	8638544	0		0	0
RN023110	SP 1 NABARLEK	Nabarlek	9/09/86	316507.9	8639346	0		0	0
RN023111	SP 2 NABARLEK	Nabarlek	9/09/86	316402.9	8639215	0		0	0
RN023112	SP 3 NABARLEK	Nabarlek	9/09/86	316541.9	8638978	0		0	0
RN023113	SP 4 NABARLEK	Nabarlek	9/09/86	316737.9	8639139	0		0	0
RN023114	SP 5 NABARLEK	Nabarlek	9/09/86	316713.9	8638943	0		0	0
RN023115	SP 6 NABARLEK	Nabarlek	9/09/86	317016.9	8638978	0		0	0
RN023116	SP 7 NABARLEK	Nabarlek		317278.9	8638947	0		0	0
RN023117	SP 8 NABARLEK	Nabarlek	9/09/86	317262.9	8638927	0		0	0
RN023118	SP 9 NABARLEK	Nabarlek	9/09/86	317295.9	8638938	0		0	0
RN023119	SP 10 NABARLEK	Nabarlek	9/09/86	317285.9	8638926	0		0	0
RN023120	SP 11 NABARLEK	Nabarlek	9/09/86	317022.9	8638877	0		0	0
RN023143	WR 85/17 GOULBURN ISLAND	Warruwi	5/08/97	323926.7	8710463	0		0	0
RN023148	WR 85/22 GOULBURN ISLAND	Warruwi	5/08/97	325426.7	8715863	0		0	0
RN023401	NABARLEK	Nabarlek	23/09/87	319516.9	8639548	0		0	0
RN023402	NABARLEK	Nabarlek	23/09/87	319466.9	8639543	0		0	0
RN023403	NABARLEK	Nabarlek	8/09/86	319421.9	8639541	0		0	0

Bore RN	Bore name	Location	Current monitoring (last date visited)	Easting	Northing	Depth drilled (m)	Date drilled	SWL (m)	Yield (L/s)
RN023404	NABARLEK	Nabarlek	23/09/87	319666.8	8639268	0		0	0
RN023405	QUEENSLAND MINES LTD NABARLEK	Nabarlek	23/09/87	319376.9	8638563	0		0	0
RN023406	NABARLEK	Nabarlek	23/09/87	319221.9	8638388	0		0	0
RN023407	NABARLEK	Nabarlek	23/09/87	319026.9	8638268	0		0	0
RN023408	NABARLEK	Nabarlek	23/09/87	318801.9	8638148	0		0	0
RN023409	NABARLEK	Nabarlek	23/09/87	318801.9	8638103	0		0	0
RN023410	NABARLEK	Nabarlek	23/09/87	318546.9	8637948	0		0	0
RN023411	NABARLEK	Nabarlek	16/06/87	318296.9	8637803	0		0	0
RN023412	NABARLEK	Nabarlek	23/09/87	319541.8	8640303	0		0	0
RN023972	WR 85/8 GOULBURN ISLAND	Warruwi	7/02/02	323026.7	8711163	0		0	0
RN024044	WR 85/29 GOULBURN ISLAND	Warruwi	5/08/97	328426.7	8715563	0		0	0
RN024060	WR 85/35 GOULBURN ISLAND	Warruwi	5/08/97	328226.7	8714563	0		0	0
RN024063	WR 85/38 GOULBURN ISLAND	Warruwi	5/08/97	329326.7	8716663	0		0	0
RN024476	WR 86/2 CROKER ISLAND	Minjilang	3/01/96	234335.4	8766684	0		0	0
RN024478	WR 86/4 CROKER ISLAND	Minjilang	3/01/96	234582.4	8766765	0		0	0
RN024670	WR 86/6 CROKER ISLAND	Minjilang	3/01/96	234827.4	8766262	0		0	0
RN025050	SP 12 NABARLEK	Nabarlek	9/09/86	315521.9	8639195	0		0	0
RN025051	SP 13 NABARLEK	Nabarlek	7/09/87	315857.9	8639248	0		0	0
RN025052	SP 14 NABARLEK	Nabarlek	23/09/87	315709.9	8639265	0		0	0
RN025053	SP 15 NABARLEK	Nabarlek	23/09/87	315542.9	8639301	0		0	0
RN025054	SP 16 NABARLEK	Nabarlek	8/09/87	316613.9	8639990	0		0	0
RN025055	SP 17 NABARLEK	Nabarlek	16/06/87	316419.9	8639936	0		0	0
RN025056	SP 18 NABARLEK	Nabarlek	15/06/87	316463.9	8640130	0		0	0
RN025057	SP 19 NABARLEK	Nabarlek	23/09/87	316306.9	8640164	0		0	0
RN025058	SP 20 NABARLEK	Nabarlek	15/06/87	316236.9	8640080	0		0	0
RN025059	SP 21 NABARLEK	Nabarlek	15/06/87	316199.9	8639926	0		0	0
RN025062	SP 22 NABARLEK	Nabarlek	15/06/87	316095.9	8640132	0		0	0
RN025063	SP 23 NABARLEK	Nabarlek	15/06/87	316111.9	8639929	0		0	0
RN025064	SP 24 NABARLEK	Nabarlek	6/08/87	315996.9	8639950	0		0	0
RN025065	SP 25 NABARLEK	Nabarlek	15/06/87	315899.9	8639740	0		0	0
RN025066	SP 26 NABARLEK	Nabarlek	15/06/87	315955.9	8639577	0		0	0
RN025067	SP 27 NABARLEK	Nabarlek	15/06/87	316194.9	8639645	0		0	0
RN025068	SP 28 NABARLEK	Nabarlek	1/09/87	316579.9	8640229	0		0	0
RN025069	SP 29 NABARLEK	Nabarlek	23/09/87	316470.9	8640359	0		0	0
RN025070	SP 30 NABARLEK	Nabarlek	15/06/87	316181.9	8639794	0		0	0
RN025071	X 2 NABARLEK	Nabarlek	8/09/86	317906.9	8637515	0		0	0

Bore RN	Bore name	Location	Current monitoring (last date visited)	Easting	Northing	Depth drilled (m)	Date drilled	SWL (m)	Yield (L/s)
RN025072	X 3 NABARLEK	Nabarlek	8/09/86	318004.9	8637621	0		0	0
RN025073	LB 1 NABARLEK	Nabarlek	9/09/86	316717.9	8639089	0		0	0
RN025074	LB 2 NABARLEK	Nabarlek		316830.9	8639064	0		0	0
RN025075	LB 3 NABARLEK	Nabarlek		317049.9	8639017	0		0	0
RN025076	LB 4 NABARLEK	Nabarlek		316951.9	8639038	0		0	0
RN025077	LB 5 NABARLEK	Nabarlek		317208.9	8638969	0		0	0
RN025078	OB 11 S NABARLEK	Nabarlek		317173.9	8639306	0		0	0
RN025177	MANINGRIDA 2/87	Maningrida	1/03/98	417413	8665092	111.3	4/07/87	0	12
RN025178	WATER RESOURCES 3/87 MANINGRIDA	Maningrida	3/03/98	417765	8664204	93	13/07/87	0	6
RN025179	WATER RESOURCES 4/87 MANINGRIDA	Maningrida	3/03/98	416893	8665483	117.4	16/07/87	7.9	10
RN025190	WR 87/5 MANINGRIDA	Maningrida	1/03/98	417206	8664524	105	20/07/87	19.9	30
RN025191	WATER RESOURCES 6/87 MANINGRIDA	Maningrida	3/03/98	416568	8664534	140	23/07/87	7.6	10
RN025192	WATER RESOURCES 7/87 MANINGRIDA	Maningrida	3/03/98	417690	8664878	135.6	27/07/87	12	12
RN025429	WR 88/3 GOULBURN IS	Warruwi	5/08/97	327176.7	8717263	15	11/05/88	0	0
RN025731	WR 88/5 GOULBURN IS	Warruwi	5/08/97	328366.7	8716103	18.5	12/05/88	0	0.6
RN025734	WR 88/8 GOULBURN IS	Warruwi	5/08/97	330276.7	8715803	18.5	13/05/88	0	10
RN025735	WR 88/9 GOULBURN IS	Warruwi	5/08/97	326336.7	8715623	12.5	14/05/88	0	10
RN027594	WR 91/1 BULMAN BULMAN	Bulman	3/10/01	425189.2	8489979	68.8	2/09/91	1.2	2
RN027811	WR 91/8 BULMAN BULMAN	Bulman	3/10/01	424696.2	8489945	60	25/09/91	5.7	1
RN027814	WR 91/11 BULMAN BULMAN	Bulman	3/10/01	425206.2	8489995	56.7	26/09/91	1.2	10

## **Table 4**

### **Summary of Bore information**

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN000008	DDH 2 BULMAN	Bulman	428028	8489199	124.5		0	0
RN003184	BORE NO.1 OENPELLI MISSION	Oenpelli	288227	8636513	121	28/09/62	0	0
RN003185	BORE 2A OENPELLI MISSION	Oenpelli	288537	8637043	30.5	10/10/62	0	0
RN003186	BORE 2B OENPELLI MISSION	Oenpelli	288527	8637043			0	0
RN003187	OENPELLI SITE NO.3 OENPELLI MISSION	Oenpelli	288027	8636513			0	0
RN003188	BORE 4B OENPELLI MISSION	Oenpelli	288757	8638303			0	0
RN003976	NUMBER 1 WELL OENPELLI MISSION	Oenpelli	287837	8636913			0	0
RN003977	NARA WELL OENPELLI MISSION	Oenpelli	287827	8636913			0	0
RN005086	RANGER'S RESIDENCE BLACK POINT	Smith Point	188118	8765382			0	0
RN005513	MISSION HILL BORE CROKER ISLAND	Minjilang	235527	8766842			0	0
RN005538	TIMOR SPRINGS NO. 3 CROKER ISLAND	Minjilang	234927	8772382			0	0
RN005539	CUO-O-TEA PT. NO. 4 CROKER ISLAND	Minjilang	230928	8766062			0	0
RN005540	RYAN'S LOOKOUT NO. 5 CROKER ISLAND	Minjilang	230818	8762582			0	0
RN005695	SANDSPEAR NO. 1 MURGENELLA	Murganella	273927	8722963			0	0
RN005696	SANDSPEAR NO. 2 MURGENELLA	Murganella	273927	8722963			0	0
RN005697	SANDSPEAR NO. 3 MURGENELLA	Murganella	273927	8722963			0	0
RN006435	NO.4 MANINGRIDA PROD.	Maningrida	416826	8666813			0	0
RN006436	NO.5 (ABANDONED) MANINGRIDA	Maningrida	416831	8666818			0	0
RN006687	NO.9 PROD MANINGRIDA	Maningrida	416926	8666448			0	0
RN006688	NO.6 PROD MANINGRIDA	Maningrida	416941	8666468			0	0
RN006689	NO.8 MANINGRIDA	Maningrida	417476	8666618			0	0
RN006692	NO.7 OBS. MANINGRIDA	Maningrida	416426	8667518			0	0
RN007263	BORE NO. 6 CROKER ISLAND	Minjilang	232927	8765072			0	0
RN007264	BORE NO. 7 CROKER ISLAND	Minjilang	233017	8767262			0	0
RN007265	BORE NO 7A CROKER ISLAND	Minjilang	234918	8766862			0	0
RN007266	BORE NO. 8 BLACK JUNGLE CROKER ISLAND	Minjilang	232937	8768362			0	0
RN007267	NO. 9 PALM BAY CATTLE WATERING CROKER ISLAND	Minjilang	229818	8769522			0	0
RN007268	NO. 10 AIRSTRIP CROKER ISLAND	Minjilang	228128	8762582			0	0
RN007269	NO. 11 4 MILE SOUTH CROKER ISLAND	Minjilang	233737	8761962			0	0
RN007270	NO. 12 THE POINT CROKER ISLAND	Minjilang	237927	8767482			0	0
RN007271	NO. 13 NINE MILE SOUTH CROKER ISLAND	Marramarrani	236847	8752062			0	0
RN007272	NO. 14 JAP CREEK CROKER ISLAND	Minjilang	235247	8763762			0	0
RN007319	BULMAN NO 1 BULMAN	Bulman	428031	8489199	4.6	22/10/70	0	0
RN007320	BULMAN NO 2 BULMAN	Bulman	427426	8489365	9.1	23/10/70	6.1	0.76
RN007404	OENPELLI 1/90 OENPELLI	Oenpelli	290743	8630782		21/10/94	2.8	0.5
RN007405	OENPELLI NO.2 OENPELLI	Oenpelli	292077	8626313	94.5	28/10/71	0	0.04
RN007633	WL NO. 1 MURGENELLA	Murganella	273927	8722553			0	0
RN007634	WL NO. 2 MURGENELLA	Murganella	273927	8722553			0	0
RN007764	NO.1 CADELL RIVER	Cadell River	439241	8652168			0	0
RN007765	NO.2 CADELL RIVER	Cadell River	438611	8652163			0	0
RN007825	NO 3 MAINORU STN	Mainoru	408926	8456165	91.4	9/10/71	0	0
RN007836	WR 72/1 CROKER ISLAND	Minjilang	234683	8766781			0	0
RN007839	WR 72/2 MINJILANG	Minjilang	234402	8766706			0	0
RN007850	WL NO. 4 FORESTRY MURGENELLA	Murganella	273727	8722473			0	0
RN007852	WL NO 3 FORESTRY MURGENELLA	Murganella	273127	8722463			0	0
RN007853	WL NO. 5 FORESTRY MURGENELLA	Murganella	273127	8722463			0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN007901	A=135/71 MAINORU STN	Mainoru	408897	8453398	91.4	9/10/71	0	0
RN007976	WR 72/1 OENPELLI	Oenpelli	289277	8635513	11.6	16/09/72	1.8	1.1
RN007977	OENPELLI 72/2 OENPELLI	Oenpelli	289677	8635413	11.3	20/09/72	1.8	2.3
RN008020	OENPELLI 72/3 OENPELLI	Oenpelli	287517	8634373	11.3	28/09/72	1.8	0
RN008021	OENPELLI 72/4 OENPELLI	Oenpelli	289777	8635313	8.5	4/10/72	0	0
RN008022	OENPELLI 72/6 OENPELLI	Oenpelli	289727	8634893	10.1	11/10/72	2.1	2
RN008023	WR 72/7 OENPELLI SETTLEMENT	Oenpelli	289177	8634963	8.8	14/10/72	2.1	2.25
RN008024	WR 72/8 OENPELLI SETTLEMENT	Oenpelli	289027	8635063	10.6	18/10/72	1.8	2.25
RN008073	OENPELLI 72/17 OENPELLI MISSION	Oenpelli	290247	8634463	10	16/11/72	2	0.8
RN008074	OENPELLI 72/16 OENPELLI MISSION	Oenpelli	290252	8634463	11	10/11/72	1.9	0.2
RN008075	OENPELLI 72/15 OENPELLI MISSION	Oenpelli	290255	8634463	9	8/11/72	1.7	0.06
RN008076	OENPELLI 72/14 OENPELLI MISSION	Oenpelli	289397	8634423	13	4/11/72	0	0.06
RN008077	OENPELLI 72/13 OENPELLI MISSION	Oenpelli	290227	8634433	10.4	3/10/72	0	0
RN008078	OENPELLI 72/12 OENPELLI MISSION	Oenpelli	290237	8634433	9.8	1/11/72	1.8	3.75
RN008079	OENPELLI 72/11 OENPELLI MISSION	Oenpelli	290232	8634433	16.8	27/10/72	1.8	0.2
RN008080	OENPELLI 72/10 OENPELLI MISSION	Oenpelli	289377	8634528	9.8	21/10/72	1.8	0.13
RN008081	OENPELLI 72/9 OENPELLI MISSION	Oenpelli	289382	8634528	9.7	20/10/72	1.3	0.44
RN008091	OENPELLI 72/5 OENPELLI MISSION	Oenpelli	288767	8636523	10.1	5/10/72	7.8	1
RN008122	NO.11 MANINGRIDA	Maningrida	416980	8665660			0	0
RN008123	NO.12 MANINGRIDA	Maningrida	416900	8665400			0	0
RN008124	MANINGRIDA PROD 13 A73/14	Maningrida	416750	8663885			0	0
RN008125	MANINGRIDA PROD. 14 73/15	Maningrida	417217	8664467			0	0
RN008127	NO.10 MANINGRIDA	Maningrida	416800	8666500			0	0
RN008133	72/11 (ABANDONED) MANINGRIDA	Maningrida	416826	8666868			0	0
RN008194	B.M.R. NO. 1 COBOURG PENINSULAR	Murganella (South)	271500	8683000			0	0
RN008195	B.M.R. NO. 2 COBOURG PENINSULAR	Murganella (South)	270000	8696500			0	0
RN008196	B.M.R. NO. 3 COBOURG PENINSULAR	Murganella (South)	254500	8728000			0	0
RN008197	B.M.R. NO. 4 COBOURG PENINSULAR	Murganella (South)	272538	8704553			0	0
RN008198	B.M.R. NO. 5 COBOURG PENINSULAR	Murganella (South)	273800	8723000			0	0
RN008206	BORE 73/1 MURGENELLA	Murganella	273127	8722464			0	0
RN008207	ABATTOIR 73/2 MURGENELLA FORESTRY	Murganella	273967	8692000			0	0
RN008263	OENPELLI 73/2 OENPELLI MISSION	Oenpelli	288227	8636803	94	15/11/73	0	0
RN008306	OENPELLI 74/1 OENPELLI MISSION	Oenpelli	288797	8633563	61	10/03/74	0	1.2
RN008326	6 MILE BORE GOULBOURN ISLAND	Warruwi	327577	8717073			0	0
RN008477	BORE 74/1 SMITH POINT	Smith Point	188229	8765462			0	0
RN008478	BORE 74/2 SMITH POINT	Smith Point	188229	8765462			0	0
RN008479	BORE 74/3 SMITH POINT	Smith Point	188229	8765462			0	0
RN008636	OENPELLI A/74 OENPELLI MISSION	Oenpelli	284327	8629513	80.5	2/10/74	2.5	1.9
RN008637	OENPELLI B/74 OENPELLI MISSION	Oenpelli	284332	8629513	60	9/10/74	2.5	1.1
RN008638	OENPELLI C/74 OENPELLI MISSION	Oenpelli	285177	8630913	34	26/10/74	0	0
RN008639	OENPELLI D/74 OENPELLI MISSION	Oenpelli	284077	8630463	80.5	18/10/74	2.5	0.25
RN008640	OENPELLI E/74 OENPELLI MISSION	Oenpelli	285277	8630313	48.5	25/10/74	0	0
RN008648	BORE 74/1 GOULBOURN ISLAND	Warruwi	328627	8715863			0	0
RN008649	BORE 74/2 GOULBOURN ISLAND	Warruwi	326128	8711733			0	0
RN008650	BORE 3/74 GOULBOURN ISLAND	Warruwi	327727	8715773			0	0
RN008651	NO. 8 BORE GOULBOURN ISLAND	Warruwi	326127	8715863			0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN008666	4/74 GOULBOURN ISLAND	Warruwi	322227	8713363			0	0
RN008667	5/74 GOULBOURN ISLAND	Warruwi	322227	8713363			0	0
RN008668	6/74 GOULBOURN ISLAND	Warruwi	324227	8711613			0	0
RN008669	7/74 GOULBOURN ISLAND	Warruwi	328837	8715663			0	0
RN008670	9/75 GOULBOURN ISLAND	Warruwi	324227	8711613			0	0
RN008671	10/75 GOULBOURN ISLAND	Warruwi	324227	8711613			0	0
RN008708	13/75 GOULBOURN ISLAND	Warruwi	326127	8715863			0	0
RN008709	14/75 GOULBOURN ISLAND	Warruwi	326127	8715863			0	0
RN008789	12/75 GOULBOURN ISLAND	Warruwi	326127	8715863			0	0
RN008953	1/76 MURGENELLA	Murganella	273527	8722643			0	0
RN008954	2/76 MURGENELLA	Murganella	273526	8722643			0	0
RN009143	OENPELLI 77/1 OENPELLI MISSION	Oenpelli	288977	8636163	11	6/07/77	0	0
RN009144	OENPELLI 77/2 OENPELLI MISSION	Oenpelli	289027	8635763	17.5	13/08/77	0	0
RN009145	OENPELLI 77/3 OENPELLI MISSION	Oenpelli	288527	8635463	13	19/08/77	0	0
RN009146	OENPELLI 77/4 OENPELLI MISSION	Oenpelli	288327	8635263	6.5	1/09/77	0	0
RN009147	OENPELLI 77/5 OENPELLI MISSION	Oenpelli	288327	8635263	7.5	3/09/77	0	0
RN009148	OENPELLI 77/6 OENPELLI MISSION	Oenpelli	289127	8635163	11	9/09/77	0	0
RN009149	OENPELLI 77/7 OENPELLI MISSION	Oenpelli	288907	8635763	12	17/09/77	3.1	0
RN009150	OENPELLI 77/8 OENPELLI MISSION	Oenpelli	289127	8635163	9	22/09/77	0	0
RN009151	OENPELLI 77/9 OENPELLI MISSION	Oenpelli	288917	8635763	9	24/09/77	0	0
RN009152	OENPELLI 77/10	Oenpelli	288527	8635763	11	28/09/77	0	0
RN009153	OENPELLI WATER SUPPLY 77/11	Oenpelli	290227	8634463	13.2	12/10/77	0	0
RN009154	OENPELLI WATER SUPPLY 77/12	Oenpelli	290228	8634463	13	14/10/77	0	0
RN009155	OENPELLI WATER SUPPLY 77/13	Oenpelli	290229	8634463	13.2	15/10/77	0	0
RN009156	OENPELLI WATER SUPPLY 77/14	Oenpelli	290427	8634263	9	19/10/77	0	0.9
RN009177	OENPELLI 77/15 OENPELLI MISSION	Oenpelli	290231	8634466	13.8	26/10/77	0	0
RN009178	OENPELLI 77/16 OENPELLI MISSION	Oenpelli	290230	8634465	10.5	27/10/77	0	0
RN009179	OENPELLI 77/17 OENPELLI MISSION	Oenpelli	290227	8634469	9	28/10/77	5.7	3
RN009185	OENPELLI 77/18 OENPELLI MISSION	Oenpelli	290227	8634467	11.5	11/11/77	0	0
RN009186	OENPELLI 77/19 OENPELLI MISSION	Oenpelli	290228	8634466	13	11/11/77	0	0
RN009187	OENPELLI 77/20 OENPELLI MISSION	Oenpelli	290227	8634472	11	11/11/77	0	0
RN009188	OENPELLI 77/21 OENPELLI MISSION	Oenpelli	290227	8634463	11	11/11/77	0	0
RN009207	77/22 OENPELLI	Oenpelli	289627	8634618	0		0	0
RN009208	OENPELLI 77/23 OENPELLI MISSION	Oenpelli	290727	8633564	11.9	24/11/77	2.4	1.5
RN009209	OENPELLI 77/24 OENPELLI MISSION	Oenpelli	290727	8633563	10.9	25/11/77	2.7	4
RN009369	OB 34 NABARLEK	Nabarlek	318137	8639821	15.8	31/08/78	3.6	1.5
RN009370	OB 33 NABARLEK	Nabarlek	318358	8639643	14	31/08/78	3.5	2.3
RN009371	TB 22 NABARLEK	Nabarlek	318595	8639639	26.2	1/09/78	3.7	3
RN009372	TB23 NABARLEK	Nabarlek	318806	8639623	18.3	2/09/78	3.2	3.1
RN009373	OB 1 NABARLEK	Nabarlek	317732	8638933	29	4/09/78	6	2.3
RN009374	OB 2 NABARLEK	Nabarlek	317746	8638798	31	4/09/78	6.3	1.3
RN009375	OB 3 NABARLEK	Nabarlek	317674	8638383	79	7/09/78	16	0.1
RN009426	TB 1 NABARLEK	Nabarlek	318366	8641753	51	20/07/78	2.8	2
RN009427	TB 2 NABARLEK	Nabarlek	319068	8639804	33	21/07/78	1.7	3.4
RN009428	TB 3 NABARLEK	Nabarlek	319247	8639715	47	23/07/78	2.3	2.3
RN009429	TB 4 NABARLEK	Nabarlek	319269	8639603	16	24/07/78	2.8	1.9

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN009430	TB 5 NABARLEK	Nabarlek	318417	8638868	34	26/07/78	2.2	4.4
RN009431	NABARLEK TB 6	Nabarlek	318812	8641483	34	26/07/78	2.2	0.1
RN009432	TB 7 NABARLEK	Nabarlek	318511	8641416	46	1/08/78	2.3	0.1
RN009433	TB 8 NABARLEK	Nabarlek	318324	8641315	46	3/08/78	4	0.1
RN009434	TB 9 NABARLEK	Nabarlek	318356	8641755	40	4/08/78	2.7	1.5
RN009435	TB 10 NABARLEK	Nabarlek	317970	8641801	43.5	6/08/78	0	0
RN009436	TB 11 NABARLEK	Nabarlek	318565	8641710	33.5	7/08/78	3.4	0.11
RN009437	TB 12 NABARLEK	Nabarlek	318388	8641441	33	8/07/78	3.8	0.9
RN009438	TB 13 NABARLEK	Nabarlek	320066	8641535	3.7	9/08/78	0	0
RN009439	BORE TB.14 NABARLEK	Nabarlek	319627	8641663	5.5	9/08/78	0	0
RN009440	NABARLEK TB 15	Nabarlek	318827	8641745	3.1	10/08/78	0	0
RN009441	NABARLEK TB 16	Nabarlek	317722	8641053	4.3	10/08/78	0	0
RN009442	OB 35 NABARLEK	Nabarlek	317782	8639718	15.2	10/08/78	3.3	2.4
RN009443	NABARLEK TB 18	Nabarlek	317800	8639581	10	11/08/78	3.4	0.4
RN009444	TB 19 NABARLEK	Nabarlek	317977	8639701	13	11/08/78	3.7	2.3
RN009451	1/78 MANINGRIDA	Maningrida	417581	8664976			0	0
RN009452	2/78 MANINGRIDA	Maningrida	417326	8665118			0	0
RN009453	3/78 MANINGRIDA	Maningrida	417226	8664958			0	0
RN009454	1/79 CROKER ISLAND	Minjilang	234937	8766622			0	0
RN009455	WR 79/2 MINJILANG	Minjilang	234549	8766760			0	0
RN009456	3/79 ALAMIRA CROKER ISLAND	Alamirra	230228	8777162			0	0
RN009578	8/79 ALAMIRA CROKER ISLAND	Alamirra	231128	8777862			0	0
RN009579	6/79 ALAMIRA CROKER ISLAND	Alamirra	229828	8775662			0	0
RN009580	5/79 ALAMIRA CROKER ISLAND	Alamirra	229928	8775662			0	0
RN009581	7/79 ALAMIRA CROKER ISLAND	Alamirra	233127	8777812			0	0
RN009582	4/79 ALAMIRA CROKER ISLAND	Alamirra	230028	8777082			0	0
RN009588	1/79 ALAMIRA CROKER ISLAND	Alamirra	230528	8777162			0	0
RN009589	2/79 ALAMIRA CROKER ISLAND	Alamirra	230528	8777162			0	0
RN009590	1/79 WILYI MT. NORRIS BAY MURGENELLA	Wilgi	254827	8728362			0	0
RN009591	2/79 WILYI MT NORRIS BAY MURGENELLA	Wilgi	254822	8728552			0	0
RN009592	3/79 WILYI MT. NORRIS BAY MURGENELLA	Wilgi	255047	8728162			0	0
RN009593	4/79 WILYI MT. NORRIS BAY MURGENELLA	Wilgi	255047	8728562			0	0
RN009594	5/79 WILYI MT. NORRIS BAY MURGENELLA	Wilgi	255227	8728572			0	0
RN009595	6/79 WILYI MT. NORRIS BAY MURGENELLA	Wilgi	255047	8728562			0	0
RN009601	1/79 3RD BAY CROKER ISLAND	Minjilang	236577	8774162			0	0
RN009602	2/79 3RD BAY CROKER ISLAND	Minjilang	236997	8773542			0	0
RN009603	3/79 3RD BAY CROKER ISLAND	Minjilang	236997	8773542			0	0
RN009604	4/79 3RD BAY CROKER ISLAND	Minjilang	236997	8773542			0	0
RN009605	5/79 3RD BAY CROKER ISLAND	Minjilang	236997	8773543			0	0
RN009606	6/79 3RD BAY CROKER ISLAND	Minjilang	236997	8773542			0	0
RN009607	7/79 3RD BAY CROKER ISLAND	Minjilang	236997	8773542			0	0
RN009608	8/79 3RD BAY CROKER ISLAND	Minjilang	236997	8773542			0	0
RN009609	9/79 3RD BAY CROKER ISLAND	Minjilang	235497	8772282			0	0
RN009610	10/79 3RD BAY CROKER ISLAND	Minjilang	235037	8771662			0	0
RN009629	WATER RESOURCES 1/79 BULMAN	Bulman	427426	8489365	18	23/05/79	3.4	1.3
RN009671	OB 16 NABARLEK	Nabarlek	317397	8638832	28.5	19/05/79	7.6	0.05

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN009672	OB 17 NABARLEK	Nabarlek	317447	8638513	26	23/05/79	16.5	0.2
RN009673	OB 18 NABARLEK	Nabarlek	317625	8638782	28	18/05/79	0	0.5
RN009674	OB 19 NABARLEK	Nabarlek	317740	8638515	80	30/05/79	16.7	1.5
RN009675	OB 20 NABARLEK	Nabarlek	317602	8638383	80	29/05/79	12.6	5
RN009676	OB 21 NABARLEK	Nabarlek	317595	8637900	22.5	25/05/79	4.2	7
RN009677	OB 22 NABARLEK	Nabarlek	317716	8637902	50	26/05/79	4	8
RN009678	OB 23 NABARLEK	Nabarlek	317869	8638163	80	27/05/79	14.9	0.5
RN009679	TB 24 NABARLEK	Nabarlek	318127	8638965	18.3	14/05/79	4.3	3.3
RN009680	TB 26 NABARLEK	Nabarlek	317938	8639039	21.2	15/05/79	5.7	1.9
RN009681	TB 26 NABARLEK	Nabarlek	317937	8638943	17.9	15/05/79	5.3	3.8
RN009682	TB 27 NABARLEK	Nabarlek	318257	8638983	20.6	16/05/79	0	3.4
RN009683	NABARLEK OE.1	Nabarlek	313985	8639519	36	3/06/79	0	1.4
RN009684	BORE OE.2 BIRRADUCK CK. NABARLEK	Nabarlek	306727	8642763	30	3/06/79	0	0.6
RN009685	NABARLEK OE.3	Nabarlek	319407	8640634	50	6/06/79	6.8	3.5
RN009686	BORE OE.4 NABARLEK	Nabarlek	295527	8641763	12	6/06/79	0	2.3
RN009861	NABARLEK	Nabarlek	320032	8638816			0	0
RN009862	NABARLEK	Nabarlek	316604	8636163			0	0
RN009863	NABARLEK	Nabarlek	319415	8645191	22.5	4/10/79	3.2	0.1
RN009864	NABARLEK	Nabarlek	317223	8641585	31.5	6/10/79	2.5	0.05
RN009865	NABARLEK	Nabarlek	319407	8640634	50	10/10/79	0	0
RN009866	1/79 COOMBE PT. O/S CROKER IS.	Coombe Point	258327	8733262			0	0
RN009867	2/79 COOMBE PT. O/S CROKER IS.	Coombe Point	258327	8733262			0	0
RN009868	3/79 COOMBE PT. O/S CROKER IS.	Coombe Point	258327	8733262			0	0
RN009869	1/79 ANNESLEY PT. MURGENELLA	Wamini	262127	8735442			0	0
RN009870	2/79 ANNESLEY PT. MURGENELLA	Wamini	262987	8735382			0	0
RN009895	1/79 UNJUMU GOULBOURN	Unjumu	325528	8717143			0	0
RN009912	3/79 AMARDJIBALK GOULBOURN ISLAND	Amartjitpalk	331907	8717713			0	0
RN009913	4/79 AMARDJIBALK GOULBOURN ISLAND	Amartjitpalk	331907	8717713			0	0
RN009914	5/79 AMARDJIBALK GOULBOURN ISLAND	Amartjitpalk	331907	8717713			0	0
RN009915	6/79 AMARDJIBALK GOULBOURN ISLAND	Amartjitpalk	331907	8717713			0	0
RN009916	1/79 AMARDJIBALK GOULBOURN ISLAND	Amartjitpalk	331907	8717713			0	0
RN009917	2/79 AMARDJIBALK GOULBOURN ISLAND	Amartjitpalk	331907	8717713			0	0
RN009981	1/79 ROCKY POINT O/STN	Nakkalamndjarda	436351	8666078			0	0
RN009982	2/79 ROCKY POINT O/STN	Nakkalamndjarda	436351	8666078			0	0
RN009983	3/79 ROCKY POINT O/STN	Nakkalamndjarda	436341	8666068			0	0
RN009984	4/79 ROCKY POINT O/STN	Nakkalamndjarda	436336	8666068			0	0
RN009985	5/79 ROCKY POINT O/STN	Nakkalamndjarda	436341	8666083			0	0
RN009986	6/79 ROCKY POINT O/STN	Nakkalamndjarda	436476	8666013			0	0
RN009987	7/79 ROCKY POINT O/STN	Nakkalamndjarda	436351	8666038			0	0
RN009988	8/79 ROCKY POINT O/STN	Nakkalamndjarda	436381	8666088			0	0
RN009989	9/79 ROCKY POINT O/STN	Nakkalamndjarda	436371	8666048			0	0
RN020000	3/79 ANNESLEY PT. MURGENELLA	Wamini	263037	8735372	6.3	27/10/79	0	0.05
RN020001	4/79 ANNESLEY PT. MURGENELLA	Wamini	262377	8735712	6.3	29/10/79	0	0
RN020002	5/79 ANNESLEY PT. MURGENELLA	Wamini	262377	8735862	6.3	29/10/79	0	0
RN020003	6/79 ANNESLEY PT. MURGENELLA	Baniwumbalag	263037	8737362	4	30/10/79	0	2
RN020004	ANNESLEY PT. MURGENELLA	Baniwumbalag	263037	8737362	5.3	30/10/79	0	1

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN020005	NABARLEK	Nabarlek	319299	8639823	56	9/11/79	5.9	1.3
RN020006	NABARLEK	Nabarlek	319438	8639462	39.3	11/11/79	4.1	1
RN020007	NABARLEK	Nabarlek	319403	8641971	44	14/11/79	3.6	0.5
RN020120	OB 1D NABARLEK	Nabarlek	317436	8639403			0	0
RN020121	OB 2D NABARLEK	Nabarlek	317162	8639598			0	0
RN020122	OB 3D NABARLEK	Nabarlek	317037	8639682			0	0
RN020123	OB 4D NABARLEK	Nabarlek	316879	8639777			0	0
RN020124	OB 5D NABARLEK	Nabarlek	316572	8639583			0	0
RN020125	OB 6D NABARLEK	Nabarlek	316619	8639443			0	0
RN020126	OB 7D NABARLEK	Nabarlek	316857	8640103			0	0
RN020127	OB 8D NABARLEK	Nabarlek	317069	8639043			0	0
RN020128	OB 9D NABARLEK	Nabarlek	317216	8638991			0	0
RN020129	OB 10D NABARLEK	Nabarlek	317647	8639014			0	0
RN020130	OB 11D NABARLEK	Nabarlek	317167	8639313			0	0
RN020131	OB 11 NABARLEK	Nabarlek	317973	8639248			0	0
RN020132	BORE SB1 B(S) NABARLEK	Nabarlek	318127	8638163			0	0
RN020133	BORE SB2B(S) NABARLEK	Nabarlek	318128	8638163			0	0
RN020134	BORE SB3 B(S) NABARLEK	Nabarlek	318129	8638163			0	0
RN020135	BORE SB4 B(S) NABARLEK	Nabarlek	318130	8638163			0	0
RN020136	BORE SB5 B(S) NABARLEK	Nabarlek	318131	8638163			0	0
RN020137	BORE SB6 B(S) NABARLEK	Nabarlek	318132	8638163			0	0
RN020138	BORE SB7 B(S) NABARLEK	Nabarlek	318133	8638163			0	0
RN020139	BORE SB 8 B(S) NABARLEK	Nabarlek	318127	8638163			0	0
RN020140	BORE SB9 B(S) NABARLEK	Nabarlek	318134	8638163			0	0
RN020141	BORE SB10 B(S) NABARLEK	Nabarlek	318135	8638163			0	0
RN020142	BORE SB12 B(S) NABARLEK	Nabarlek	318136	8638163			0	0
RN020143	TB 28 NABARLEK	Nabarlek	318232	8638708			0	0
RN020144	TB 29 NABARLEK	Nabarlek	318398	8638798			0	0
RN020145	TB 30 NABARLEK	Nabarlek	318358	8638852			0	0
RN020146	OB 31 NABARLEK	Nabarlek	318489	8638892			0	0
RN020147	OB 32 NABARLEK	Nabarlek	318227	8639553			0	0
RN020148	TB 33 NABARLEK	Nabarlek	317785	8637643			0	0
RN020149	TB 34 NABARLEK	Nabarlek	317837	8637773			0	0
RN020150	TB 35 NABARLEK	Nabarlek	317838	8637773			0	0
RN020151	TB 36 NABARLEK	Nabarlek	317618	8637723			0	0
RN020152	TB 37 NABARLEK	Nabarlek	317552	8637861			0	0
RN020153	TB 38 NABARLEK	Nabarlek	317614	8637640			0	0
RN020154	TB 39 NABARLEK	Nabarlek	317580	8637506			0	0
RN020155	TB 40 NABARLEK	Nabarlek	317749	8637513			0	0
RN020156	TB 41 NABARLEK	Nabarlek	317837	8637503			0	0
RN020157	TB 42 NABARLEK	Nabarlek	317949	8637612			0	0
RN020158	BORE TB 43 NABARLEK	Nabarlek	317697	8637513			0	0
RN020300	TOM'S BORE GOULBOURN ISLAND	Warruwi	322827	8709393			0	0
RN020301	AIRPORT BORE GOULBOURN ISLAND	Warruwi	323827	8711403			0	0
RN020302	HYGIENE BORE GOULBOURN ISLAND	Warruwi	325057	8711123			0	0
RN020303	NO. 1 BORE GOULBOURN ISLAND	Warruwi	323477	8712933			0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN020304	NO. 2 BORE GOULBOURN ISLAND	Warruwi	323118	8712983			0	0
RN020305	NO. 3 BORE GOULBOURN ISLAND	Warruwi	322807	8713163			0	0
RN020306	NO. 4 BORE GOULBOURN ISLAND	Warruwi	322847	8713163			0	0
RN020307	E GOULBURN ISLAND	Warruwi	327327	8716813			0	0
RN020308	D WELL GOULBOURN ISLAND	Warruwi	330807	8715863			0	0
RN020309	GOULBOURN IS.	Warruwi	330227	8716513			0	0
RN020310	C2 BORE GOULBOURN ISLAND	Warruwi	329627	8716263			0	0
RN020428	NABARLEK	Nabarlek	317470	8642138			0	0
RN020429	NABARLEK	Nabarlek	317207	8641572			0	0
RN020430	NABARLEK	Nabarlek	317088	8641673			0	0
RN020431	NABARLEK	Nabarlek	316804	8640233			0	0
RN020432	NABARLEK	Nabarlek	319456	8640522			0	0
RN020433	NABARLEK	Nabarlek	319538	8640487			0	0
RN020434	N 7 NABARLEK	Nabarlek	319582	8640470			0	0
RN020435	NABARLEK	Nabarlek	319484	8638973			0	0
RN020436	NABARLEK	Nabarlek	320047	8638790			0	0
RN020437	NABARLEK	Nabarlek	316830	8640097			0	0
RN020438	NABARLEK	Nabarlek	317313	8637043			0	0
RN020439	NABARLEK	Nabarlek	317909	8637750			0	0
RN020440	NABARLEK	Nabarlek	320088	8638823			0	0
RN020441	NABARLEK	Nabarlek	319453	8639573			0	0
RN020442	NABARLEK	Nabarlek	319437	8645213			0	0
RN020470	NABARLEK 80/1 NABARLEK	Nabarlek	315677	8638843			0	0
RN020471	NABARLEK	Nabarlek	315628	8638664			0	0
RN020472	NABARLEK	Nabarlek	315636	8638586			0	0
RN020473	NABARLEK	Nabarlek	318296	8638523			0	0
RN020474	NABARLEK	Nabarlek	318232	8638387			0	0
RN020475	NABARLEK	Nabarlek	318280	8638209			0	0
RN020476	NABARLEK	Nabarlek	318742	8638294			0	0
RN020477	NABARLEK	Nabarlek	318302	8638020			0	0
RN020478	NABARLEK	Nabarlek	318138	8638001			0	0
RN020479	NABARLEK	Nabarlek	318350	8638805			0	0
RN020556	NABARLEK 11/80 NABARLEK	Nabarlek	318293	8637959			0	0
RN020557	NABARLEK 13/80 NABARLEK	Nabarlek	318308	8638498			0	0
RN020558	NABARLEK 13/80 NABARLEK	Nabarlek	318350	8638583			0	0
RN020792	1/81 SMITH PT. COBOURG PENINSULA	Smith Point	188628	8765512			0	0
RN020793	2/81 SMITH PT. COBOURG PENINSULA	Smith Point	189118	8765552			0	0
RN020794	3/81 SMITH PT. COBOURG PENINSULA	Smith Point	191228	8764562			0	0
RN020795	4/81 SMITH PT. COBOURG PENINSULA	Smith Point	191568	8763582			0	0
RN020796	5/81 SMITH PT. COBOURG PENINSULA	Smith Point	191128	8764662			0	0
RN020797	6/81 SMITH PT. COBOURG PENINSULA	Smith Point	188528	8767062			0	0
RN020798	15/81 SMITH PT. COBOURG PENINSULA	Smith Point	190348	8767892			0	0
RN020799	WR 81/1 GOULBURN ISLAND	Warruwi	325827	8715513			0	0
RN020800	7/81 SMITH PT. COBOURG PENINSULA	Smith Point	188518	8766622			0	0
RN020870	8/81 SMITH PT. COBOURG PENINSULA	Smith Point	188938	8766112			0	0
RN020871	8/81A SMITH PT. COBOURG PENINSULA	Smith Point	188428	8766162			0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN020872	3/81B SMITH PT. COBOURG PENINSULA	Smith Point	191258	8764462			0	0
RN020873	9/81 SMITH PT. COBOURG PENINSULA	Smith Point	188218	8766062			0	0
RN020874	10/81 SMITH PT. COBOURG PENINSULA	Smith Point	188228	8767162			0	0
RN020875	11/81 SMITH PT. COBOURG PENINSULA	Smith Point	188928	8768382			0	0
RN020876	16/81 SMITH PT. COBOURG PENINSULA	Smith Point	189128	8768162			0	0
RN020877	12/81 SMITH PT. COBOURG PENINSULA	Smith Point	188328	8768842			0	0
RN020878	13/81 SMITH PT. COBOURG PENINSULA	Smith Point	187678	8768162			0	0
RN020879	14/81 SMITH PT. COBOURG PENINSULA	Smith Point	189228	8768172			0	0
RN020880	2/81 BORE GOULBOURN ISLAND	Warruwi	324807	8714863			0	0
RN020881	3/81 BORE GOULBOURN ISLAND	Warruwi	325327	8713963			0	0
RN020882	4/81 BORE GOULBOURN ISLAND	Warruwi	324127	8714463			0	0
RN020883	5/81 BORE GOULBOURN ISLAND	Warruwi	323727	8711813			0	0
RN020884	6/81 BORE GOULBOURN ISLAND	Warruwi	324127	8710963			0	0
RN020885	7/81 BORE GOULBOURN ISLAND	Warruwi	323777	8711563			0	0
RN020886	8/81 BORE GOULBOURN ISLAND	Warruwi	323477	8714143			0	0
RN020887	WR 91/9 GOULBURN ISLAND	Warruwi	328977	8715413			0	0
RN020888	10/81 BORE GOULBOURN ISLAND	Warruwi	329777	8714863			0	0
RN020889	WR 11/81 GOULBURN ISLAND	Warruwi	328917	8715253			0	0
RN020890	WR 81/12 GOULBURN ISLAND	Warruwi	328127	8714583			0	0
RN020906	NO.2 SANDSPEAR REEF POINT - GUMERAGI O/STN	Cobourg Peninsula	190428	8763662			0	0
RN020940	WR 81/13 GOULBURN ISLAND	Warruwi	328777	8715423			0	0
RN020941	14/81 BORE GOULBOURN ISLAND	Warruwi	323827	8711863			0	0
RN020942	15/81 BORE GOULBOURN ISLAND	Warruwi	327127	8717263			0	0
RN020943	16/81 BORE GOULBOURN ISLAND	Warruwi	322587	8712123			0	0
RN020944	WR 81/17 GOULBURN ISLAND	Warruwi	322727	8712913			0	0
RN020945	WR 81/18 GOULBURN ISLAND	Warruwi	322627	8713263			0	0
RN020946	19/81 BORE GOULBOURN ISLAND	Warruwi	322117	8712223			0	0
RN020947	20/81 BORE GOULBOURN ISLAND	Warruwi	322427	8714843			0	0
RN020948	21/81 BORE GOULBOURN ISLAND	Warruwi	322777	8714663			0	0
RN020949	WR 81/22 GOULBURN ISLAND	Warruwi	322527	8713263			0	0
RN020950	WR 81/23 GOULBURN ISLAND	Warruwi	322627	8713313			0	0
RN020951	24/81 BORE GOULBOURN ISLAND	Warruwi	322937	8713163			0	0
RN020952	25/81 BORE GOULBOURN ISLAND	Warruwi	322827	8711763			0	0
RN020953	WR 81/26 GOULBURN ISLAND	Warruwi	329027	8715403			0	0
RN020954	81/27 GOULBURN ISLAND	Warruwi	328977	8715393			0	0
RN020955	WR 81/28 GOULBURN ISLAND	Warruwi	328777	8715413			0	0
RN020956	29/81 BORE GOULBOURN ISLAND	Warruwi	321127	8714263			0	0
RN021014	MIKGINJ VALLEY-WELL-MIKGINJ VALLEY	Mikginj Valley	291807	8619013			0	0
RN021015	ULUNJ=WELL=ULUNJ	Ulunj	269607	8662023			0	0
RN021016	WELL DJIMARDA O/STN	Ji-marda	458451	8667488			0	0
RN021017	WELL GUMUGUMUK GAMARRU GUYURRU	Gamarru Guyurru	477121	8669718			0	0
RN021037	NABARLEK	Nabarlek	317816	8637848			0	0
RN021038	NABARLEK BORE NABARLEK	Nabarlek	317987	8638153			0	0
RN021121	1/81 MALNYANGANAK O/STN	Malnjangarnak	474581	8600519			0	0
RN021122	2/81 MALNYANGANAK O/STN	Malnjangarnak	474581	8600519			0	0
RN021123	3/81 MALNYANGANAK O/STN	Malnjangarnak	474551	8600509			0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN021124	4/81 MALNYANGANAK O/STN	Maljangarnak	474541	8600549			0	0
RN021577	ULUNG BORE 82/1 OENPELLI MISSION	Mangardubu	302687	8662313			0	0
RN021578	ULUNG BORE 82/2 OENPELLI MISSION	Mangardubu	302527	8662433			0	0
RN021579	MEKING VALLEY BORE OENPELLI MISSION	Mikginj Valley	291717	8619923			0	0
RN021630	1/82 GUMUGUMUK GAMARRU GUYURRU	Gamarru Guyurru	473936	8667823			0	0
RN021631	2/82 GUMUGUMUK GAMARRU GUYURRU	Gamarru Guyurru	474324	8668383			0	0
RN021632	3/82 GUMUGUMUK GAMARRU GUYURRU	Gamarru Guyurru	476476	8670163			0	0
RN021633	4/82 GUMUGUMUK GAMARRU GUYURRU	Gamarru Guyurru	476881	8669933			0	0
RN021634	5/82 GUMUGUMUK GAMARRU GUYURRU	Gamarru Guyurru	473941	8666383			0	0
RN021635	1/82 DJIMARDA O/STN	Ji-marda	459876	8667953			0	0
RN021636	2/82 DJIMARDA O/STN	Ji-marda	459876	8667953			0	0
RN021728	OLD WELL PEARLING CAMP COBOURG PENINSULA	Port Bremer	202158	8758162			0	0
RN021729	NEW WELL PEARLING CAMP COBOURG PENINSULA	Port Bremer	202138	8758482			0	0
RN021770	OENPELLI 82/1 OENPELLI MISSION	Oenpelli	289327	8635363			0	0
RN021771	OENPELLI 82/2 OENPELLI MISSION	Oenpelli	289977	8634963			0	0
RN021772	OENPELLI 82/3 OENPELLI MISSION	Oenpelli	289727	8634923			0	0
RN021773	OENPELLI 82/4 OENPELLI MISSION	Oenpelli	289728	8634923			0	0
RN021774	OENPELLI INVESTIG. 82/5 GUNBULUNYA COUNCIL	Oenpelli	289727	8634463			0	0
RN021775	OENPELLI INVESTIG. 82/6 GUNBULUNYA COUNCIL	Oenpelli	289827	8634413			0	0
RN021776	OENPELLI 82/7 OENPELLI MISSION	Oenpelli	289627	8635263			0	0
RN021777	OENPELLI 82/8 OENPELLI MISSION	Oenpelli	290057	8635363			0	0
RN021778	OENPELLI 82/9 OENPELLI MISSION	Oenpelli	289947	8635363			0	0
RN021779	OENPELLI 82/10 OENPELLI MISSION	Oenpelli	289207	8635353			0	0
RN022009	WR 83/1 NABARLEK	Nabarlek	318037	8637911			0	0
RN022131	NABARLEK 83/2 NABARLEK	Nabarlek	318027	8637913			0	0
RN022132	WR 83/3 NABARLEK	Nabarlek	318025	8637885			0	0
RN022133	WR 83/4 NABARLEK	Nabarlek	318273	8639159			0	0
RN022134	NABARLEK 83/5 NABARLEK	Nabarlek	319287	8645443			0	0
RN022178	OENPELLI 83/1 OENPELLI MISSION	Oenpelli	295427	8636663			0	0
RN022179	OENPELLI 83/2 OENPELLI MISSION	Oenpelli	295377	8634963			0	0
RN022270	OENPELLI 83/3 OENPELLI MISSION	Oenpelli	294127	8634363			0	0
RN022271	OENPELLI 83/4 OENPELLI MISSION	Oenpelli	288977	8634363			0	0
RN022272	OENPELLI 83/5 OENPELLI MISSION	Oenpelli	290577	8631763			0	0
RN022273	OENPELLI 83/6 OENPELLI MISSION	Oenpelli	290527	8631963			0	0
RN022274	OENPELLI 83/7 OENPELLI MISSION	Oenpelli	290677	8631833			0	0
RN022275	OENPELLI 83/8 OENPELLI MISSION	Oenpelli	290757	8631613			0	0
RN022276	OENPELLI 83/9 OENPELLI MISSION	Oenpelli	291057	8630123			0	0
RN022277	OENPELLI 83/10 OENPELLI MISSION	Oenpelli	290807	8630663			0	0
RN022278	OENPELLI 83/11 OENPELLI MISSION	Oenpelli	290927	8630903			0	0
RN022279	OENPELLI 83/12 OENPELLI MISSION	Oenpelli	290427	8632913			0	0
RN022350	OENPELLI 83/13 OENPELLI MISSION	Oenpelli	290227	8632883			0	0
RN022351	OENPELLI 83/14 OENPELLI MISSION	Oenpelli	290727	8631733			0	0
RN022352	OENPELLI 83/15 OENPELLI MISSION	Oenpelli	290728	8631733			0	0
RN022353	OENPELLI 83/16 OENPELLI MISSION	Oenpelli	290227	8632863			0	0
RN022354	OENPELLI 83/17 OENPELLI MISSION	Oenpelli	290227	8632863			0	0
RN022355	OENPELLI 83/18 OENPELLI MISSION	Oenpelli	290227	8632863			0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN022356	OENPELLI 83/19 OENPELLI MISSION	Oenpelli	290227	8632863			0	0
RN022357	OENPELLI 83/20 OENPELLI MISSION	Oenpelli	288997	8634363			0	0
RN022358	OENPELLI 83/21 OENPELLI MISSION	Oenpelli	288997	8634363			0	0
RN022359	OENPELLI 83/22 OENPELLI MISSION	Oenpelli	289827	8632963			0	0
RN022430	OENPELLI 83/23 OENPELLI MISSION	Oenpelli	291927	8641763			0	0
RN022431	OENPELLI 83/24 OENPELLI MISSION	Oenpelli	291927	8641863			0	0
RN022432	OENPELLI 83/25 OENPELLI MISSION	Oenpelli	290227	8632863			0	0
RN022433	OENPELLI 83/26 OENPELLI MISSION	Oenpelli	290527	8631263			0	0
RN022434	OENPELLI 83/27 OENPELLI MISSION	Oenpelli	290627	8631463			0	0
RN022435	OENPELLI 83/28 OENPELLI MISSION	Oenpelli	290628	8631463			0	0
RN022436	OENPELLI 83/29 OENPELLI MISSION	Oenpelli	291327	8631923			0	0
RN022437	OENPELLI 83/30 OENPELLI MISSION	Oenpelli	291027	8630283			0	0
RN022438	OENPELLI 83/31 OENPELLI MISSION	Oenpelli	291028	8630283			0	0
RN022439	OENPELLI 83/32 OENPELLI MISSION	Oenpelli	290327	8630213			0	0
RN022500	MT CATT 1/83 BULMAN	Mount Catt	438626	8473865	82.4	10/11/83	19.6	0.14
RN022501	MT CATT 2/83 BULMAN	Mount Catt	438626	8474065	43	11/11/83	33.6	0
RN022502	MT CATT 3/83 BULMAN	Mount Catt	439126	8473165	67.4	11/11/83	0	0
RN022503	MT CATT 4/83 BULMAN	Mount Catt	438626	8474165	24.5	11/11/83	0	0
RN022504	BULMAN 1/83 BULMAN	Bulman	427526	8489265	120	14/11/83	0	0
RN022505	BULMAN 2/83 BULMAN	Bulman	427526	8488965	20	15/11/83	0	0
RN022506	BULMAN 3/83 BULMAN	Bulman	427226	8488865	27.7	15/11/83	7.2	0.4
RN022507	BULMAN 4/83 BULMAN	Bulman	430003	8489711	124.5	20/11/83	0	1
RN022520	OENPELLI 83/33 OENPELLI MISSION	Oenpelli	289927	8632543			0	0
RN022521	OENPELLI 83/34 OENPELLI MISSION	Oenpelli	289227	8633963			0	0
RN022522	OENPELLI 83/35 OENPELLI MISSION	Oenpelli	288537	8631463			0	0
RN022523	OENPELLI 83/36 OENPELLI MISSION	Oenpelli	290627	8633853			0	0
RN022524	OENPELLI 83/37 OENPELLI MISSION	Oenpelli	288627	8635163			0	0
RN022816	OENPELLI 84/1 OENPELLI MISSION	Oenpelli	290907	8630893			0	0
RN022817	OENPELLI 84/2 OENPELLI MISSION	Oenpelli	290908	8630893			0	0
RN022818	OENPELLI 84/3 OENPELLI MISSION	Oenpelli	290527	8631973			0	0
RN022819	OENPELLI 84/4 OENPELLI MISSION	Oenpelli	290528	8631973			0	0
RN022898	1/83 NAMUGARDABU O/STN.	Namurgardabu	394425	8656023			0	0
RN022899	2/83 PRODUCTION BORE NAMUGARDABU O/STN	Namurgardabu	395025	8655913			0	0
RN023015	OB 26 S NABARLEK	Nabarlek	316863	8639740			0	0
RN023016	OB 27 S NABARLEK	Nabarlek	316883	8639726			0	0
RN023017	PR:1 NABARLEK	Nabarlek	317842	8638403			0	0
RN023018	PR:2 NABARLEK	Nabarlek	317807	8638448			0	0
RN023019	NABARLEK	Nabarlek	317128	8640563			0	0
RN023020	OB:24 NABARLEK	Nabarlek	318188	8639407			0	0
RN023021	OB 25 NABARLEK	Nabarlek	317947	8638428			0	0
RN023022	OB 35 (TB 17 A) NABARLEK	Nabarlek	317753	8639716			0	0
RN023023	OB 36 NABARLEK	Nabarlek	317237	8639733			0	0
RN023024	OB 37 NABARLEK	Nabarlek	318160	8639209			0	0
RN023025	OB 40 NABARLEK	Nabarlek	317011	8638810			0	0
RN023026	OB 40 S NABARLEK	Nabarlek	317015	8638810			0	0
RN023027	OB 42 NABARLEK	Nabarlek	316372	8639447			0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN023028	OB 42 S NABARLEK	Nabarlek	316375	8639443			0	0
RN023029	OB 43 NABARLEK	Nabarlek	316318	8639179			0	0
RN023030	OB 43 S NABARLEK	Nabarlek	316317	8639172			0	0
RN023031	OB 25 NABARLEK	Nabarlek	316009	8639286			0	0
RN023095	OB 45 S NABARLEK	Nabarlek	316006	8639278			0	0
RN023096	OB 47 NABARLEK	Nabarlek	316413	8640010			0	0
RN023097	OB 47 S NABARLEK	Nabarlek	316418	8640010			0	0
RN023108	OB 48 NABARLEK	Nabarlek	317277	8638544			0	0
RN023109	OB 48 S NABARLEK	Nabarlek	317278	8638544			0	0
RN023110	SP 1 NABARLEK	Nabarlek	316508	8639346			0	0
RN023111	SP 2 NABARLEK	Nabarlek	316403	8639215			0	0
RN023112	SP 3 NABARLEK	Nabarlek	316542	8638978			0	0
RN023113	SP 4 NABARLEK	Nabarlek	316738	8639139			0	0
RN023114	SP 5 NABARLEK	Nabarlek	316714	8638943			0	0
RN023115	SP 6 NABARLEK	Nabarlek	317017	8638978			0	0
RN023116	SP 7 NABARLEK	Nabarlek	317279	8638947			0	0
RN023117	SP 8 NABARLEK	Nabarlek	317263	8638927			0	0
RN023118	SP 9 NABARLEK	Nabarlek	317296	8638938			0	0
RN023119	SP 10 NABARLEK	Nabarlek	317286	8638926			0	0
RN023120	SP 11 NABARLEK	Nabarlek	317023	8638877			0	0
RN023121	OENPELLI 84/5 OENPELLI MISSION	Oenpelli	290557	8631963			0	0
RN023122	OENPELLI 84/6 OENPELLI MISSION	Oenpelli	288827	8633163			0	0
RN023123	OENPELLI 84/7 OENPELLI MISSION	Oenpelli	288927	8633063			0	0
RN023124	OENPELLI 84/8 OENPELLI MISSION	Oenpelli	290227	8632663			0	0
RN023125	OENPELLI 84/9 OENPELLI MISSION	Oenpelli	290327	8632563			0	0
RN023126	OENPELLI 84/10 OENPELLI MISSION	Oenpelli	290127	8632763			0	0
RN023127	OENPELLI 84/11 OENPELLI MISSION	Oenpelli	290127	8632763			0	0
RN023128	OENPELLI 84/12 OENPELLI MISSION	Oenpelli	290127	8632763			0	0
RN023129	OENPELLI 84/13 OENPELLI MISSION	Oenpelli	290127	8632763			0	0
RN023130	OENPELLI 84/14 OENPELLI MISSION	Oenpelli	290527	8631863			0	0
RN023142	WR 85/16 GOULBURN ISLAND	Warruwi	322827	8709763			0	0
RN023143	WR 85/17 GOULBURN ISLAND	Warruwi	323927	8710463			0	0
RN023144	WR 85/18 GOULBURN ISLAND	Warruwi	322127	8711163			0	0
RN023145	WR 85/19 GOULBURN ISLAND	Warruwi	328927	8715363			0	0
RN023146	WR 85/20 GOULBURN ISLAND	Warruwi	326327	8715563			0	0
RN023147	WR 85/21 GOULBURN ISLAND	Warruwi	325227	8715363			0	0
RN023148	WR 85/22 GOULBURN ISLAND	Warruwi	325427	8715863			0	0
RN023149	WR 85/23 GOULBURN ISLAND	Warruwi	325427	8716263			0	0
RN023150	WR 85/24 GOULBURN ISLAND	Warruwi	325527	8715963			0	0
RN023190	3/83 NAMUGARDABU O/STN	Namurgardabu	394025	8655113			0	0
RN023191	4/83 NAMUGARDABU O/STN	Namurgardabu	394725	8655813			0	0
RN023192	5/83 NAMUGARDABU O/STN	Namurgardabu	394425	8654813			0	0
RN023193	6/83 NAMUGARDABU O/STN	Namurgardabu	395025	8655913			0	0
RN023201	OENPELLI 84/15 OENPELLI MISSION	Oenpelli	290527	8631863			0	0
RN023202	OENPELLI 84/16 OENPELLI MISSION	Oenpelli	290527	8631863			0	0
RN023203	OENPELLI 84/17 OENPELLI MISSION	Oenpelli	290527	8631863			0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN023204	OENPELLI 84/18 OENPELLI MISSION	Oenpelli	289827	8632563			0	0
RN023205	OENPELLI 84/19 OENPELLI MISSION	Oenpelli	289927	8632563			0	0
RN023206	OENPELLI 84/20 OENPELLI MISSION	Oenpelli	289427	8634763			0	0
RN023207	OENPELLI 84/21 OENPELLI MISSION	Oenpelli	289427	8634763			0	0
RN023208	OENPELLI 84/22 OENPELLI MISSION	Oenpelli	290727	8631463			0	0
RN023209	OENPELLI 84/23 OENPELLI MISSION	Oenpelli	291377	8629963			0	0
RN023250	OENPELLI 84/24 OENPELLI MISSION	Oenpelli	291577	8629863			0	0
RN023251	OENPELLI 84/25 OENPELLI MISSION	Oenpelli	291727	8629763			0	0
RN023252	OENPELLI 84/26 OENPELLI MISSION	Oenpelli	291427	8629963			0	0
RN023253	OENPELLI 84/27 OENPELLI MISSION	Oenpelli	291427	8629963			0	0
RN023254	OENPELLI 84/28 OENPELLI MISSION	Oenpelli	291627	8629863			0	0
RN023255	OENPELLI 84/29 OENPELLI MISSION	Oenpelli	291627	8629863			0	0
RN023401	NABARLEK	Nabarlek	319517	8639548			0	0
RN023402	NABARLEK	Nabarlek	319467	8639543			0	0
RN023403	NABARLEK	Nabarlek	319422	8639541			0	0
RN023404	NABARLEK	Nabarlek	319667	8639268			0	0
RN023405	QUEENSLAND MINES LTD NABARLEK	Nabarlek	319377	8638563			0	0
RN023406	NABARLEK	Nabarlek	319222	8638388			0	0
RN023407	NABARLEK	Nabarlek	319027	8638268			0	0
RN023408	NABARLEK	Nabarlek	318802	8638148			0	0
RN023409	NABARLEK	Nabarlek	318802	8638103			0	0
RN023410	NABARLEK	Nabarlek	318547	8637948			0	0
RN023411	NABARLEK	Nabarlek	318297	8637803			0	0
RN023412	NABARLEK	Nabarlek	319542	8640303			0	0
RN023490	1/84 GARMEDI O/STN	<i>Garmardi ?</i>	465470	8642501			0	0
RN023491	1/84 WUDEJA O/STN	Wurdeja	464026	8653363			0	0
RN023492	1/84 DAM DAM	Dam Dam	462951	8654363			0	0
RN023493	2/84 DAM DAM O/STN	Dam Dam	462956	8654343			0	0
RN023815	WR 85/1 GOULBURN ISLAND	Warruwi	321527	8713963			0	0
RN023816	WR 85/2 GOULBURN ISLAND	Warruwi	321427	8714063			0	0
RN023817	WR 85/3 GOULBURN ISLAND	Warruwi	321727	8712863			0	0
RN023818	WR 85/4 GOULBURN ISLAND	Warruwi	322627	8709763			0	0
RN023819	WR 85/5 GOULBURN ISLAND	Warruwi	322427	8709763			0	0
RN023970	WR 85/6 GOULBURN ISLAND	Warruwi	322527	8710263			0	0
RN023971	WR 85/7 GOULBURN ISLAND	Warruwi	322327	8709363			0	0
RN023972	WR 85/8 GOULBURN ISLAND	Warruwi	323027	8711163			0	0
RN023973	WR 85/9 GOULBURN ISLAND	Warruwi	323627	8709263	51	18/07/85	0	1
RN023974	WR 85/10 R=1591	Warruwi	322327	8713063			0	0
RN023975	WR 85/11 GOULBURN ISLAND	Warruwi	322227	8713063			0	0
RN023976	WR 85/12 GOULBURN ISLAND	Warruwi	329127	8716063			0	0
RN023977	WR 85/13 GOULBURN ISLAND	Warruwi	326127	8715663			0	0
RN023978	WR 85/14 GOULBURN ISLAND	Warruwi	322827	8712163			0	0
RN023979	WR 85/15 GOULBURN ISLAND	Warruwi	322227	8710263			0	0
RN024040	WR 85/25 GOULBURN ISLAND	Warruwi	326627	8715863			0	0
RN024041	WR 85/26 GOULBURN ISLAND	Warruwi	327027	8716363			0	0
RN024042	WR 85/27 GOULBURN ISLAND	Warruwi	327327	8716663			0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN024043	WR 85/28 GOULBURN ISLAND	Warruwi	327327	8715963			0	0
RN024044	WR 85/29 GOULBURN ISLAND	Warruwi	328427	8715563			0	0
RN024045	WR 85/30 GOULBURN ISLAND	Warruwi	326227	8714863			0	0
RN024046	WR 85/31 GOULBURN ISLAND	Warruwi	324027	8711663			0	0
RN024047	WR 85/32 GOULBURN ISLAND	Warruwi	324227	8711663			0	0
RN024048	WR 85/33 GOULBOURN ISLAND	Warruwi	324427	8711663			0	0
RN024049	WR 85/34 GOULBOURN ISLAND	Warruwi	327727	8714263			0	0
RN024060	WR 85/35 GOULBURN ISLAND	Warruwi	328227	8714563			0	0
RN024061	WR 85/36 GOULBURN ISLAND	Warruwi	328627	8714863			0	0
RN024062	WR 85/37 GOULBURN ISLAND	Warruwi	329127	8716063			0	0
RN024063	WR 85/38 GOULBURN ISLAND	Warruwi	329327	8716663			0	0
RN024064	WR 85/39 GOULBURN ISLAND	Warruwi	326327	8715563			0	0
RN024065	WR 85/40 GOULBURN ISLAND	Warruwi	323727	8712663			0	0
RN024066	WR 85/41 GOULBURN ISLAND	Warruwi	322627	8709763			0	0
RN024067	WR 85/42 GOULBURN ISLAND	Warruwi	322627	8709963			0	0
RN024068	WR 85/43 GOULBURN ISLAND	Warruwi	322327	8709863			0	0
RN024475	WR 86/1 MINJILANG	Minjilang	234341	8766692			0	0
RN024476	WR 86/2 CROKER ISLAND	Minjilang	234335	8766684			0	0
RN024477	WR 86/3 CROKER ISLAND	Minjilang	234475	8766629			0	0
RN024478	WR 86/4 CROKER ISLAND	Minjilang	234582	8766765			0	0
RN024479	WR 86/5 CROKER ISLAND	Minjilang	234335	8766700			0	0
RN024670	WR 86/6 CROKER ISLAND	Minjilang	234827	8766262			0	0
RN024915	WR 87/1 WAALKA	Walka	237027	8762862			0	0
RN024916	WR 87/1 SANDY BAY	Sandy Bay	236427	8760062			0	0
RN024917	WR 87/1 INGINARITTY	Inngirnatj	235027	8750512			0	0
RN024918	WR 87/1 ADJAMARRUGU	Adjamarrugu	224278	8766102			0	0
RN024919	WR 87/2 INGINARITTY	Inngirnatj	235027	8750062			0	0
RN025050	SP 12 NABARLEK	Nabarlek	315522	8639195			0	0
RN025051	SP 13 NABARLEK	Nabarlek	315858	8639248			0	0
RN025052	SP 14 NABARLEK	Nabarlek	315710	8639265			0	0
RN025053	SP 15 NABARLEK	Nabarlek	315543	8639301			0	0
RN025054	SP 16 NABARLEK	Nabarlek	316614	8639990			0	0
RN025055	SP 17 NABARLEK	Nabarlek	316420	8639936			0	0
RN025056	SP 18 NABARLEK	Nabarlek	316464	8640130			0	0
RN025057	SP 19 NABARLEK	Nabarlek	316307	8640164			0	0
RN025058	SP 20 NABARLEK	Nabarlek	316237	8640080			0	0
RN025059	SP 21 NABARLEK	Nabarlek	316200	8639926			0	0
RN025062	SP 22 NABARLEK	Nabarlek	316096	8640132			0	0
RN025063	SP 23 NABARLEK	Nabarlek	316112	8639929			0	0
RN025064	SP 24 NABARLEK	Nabarlek	315997	8639950			0	0
RN025065	SP 25 NABARLEK	Nabarlek	315900	8639740			0	0
RN025066	SP 26 NABARLEK	Nabarlek	315956	8639577			0	0
RN025067	SP 27 NABARLEK	Nabarlek	316195	8639645			0	0.15
RN025068	SP 28 NABARLEK	Nabarlek	316580	8640229			0	0.15
RN025069	SP 29 NABARLEK	Nabarlek	316471	8640359			0	0.15
RN025070	SP 30 NABARLEK	Nabarlek	316182	8639794			0	0.15

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN025071	X 2 NABARLEK	Nabarlek	317907	8637515			0	0.1
RN025072	X 3 NABARLEK	Nabarlek	318005	8637621			0	0.5
RN025073	LB 1 NABARLEK	Nabarlek	316718	8639089			0	0
RN025074	LB 2 NABARLEK	Nabarlek	316831	8639064			0	0
RN025075	LB 3 NABARLEK	Nabarlek	317050	8639017			0	0
RN025076	LB 4 NABARLEK	Nabarlek	316952	8639038			0	0
RN025077	LB 5 NABARLEK	Nabarlek	317209	8638969			0	0
RN025078	OB 11 S NABARLEK	Nabarlek	317174	8639306			0	0
RN025136	CAPE DON LIGHTHOUSE WELL COBOURG PENINSULA	Cape Don	801929	8748760	6	1/01/70	0	0
RN025176	WATER RESOURCES 1/87 MANINGRIDA	Maningrida	416876	8666513	141.8	30/06/87	11.8	15
RN025177	MANINGRIDA 2/87	Maningrida	417413	8665092	111.3	4/07/87	0	12
RN025178	WATER RESOURCES 3/87 MANINGRIDA	Maningrida	417765	8664204	93	13/07/87	0	6
RN025179	WATER RESOURCES 4/87 MANINGRIDA	Maningrida	416893	8665483	117.4	16/07/87	7.9	10
RN025190	WR 87/5 MANINGRIDA	Maningrida	417206	8664524	105	20/07/87	19.9	30
RN025191	WATER RESOURCES 6/87 MANINGRIDA	Maningrida	416568	8664534	140	23/07/87	7.6	10
RN025192	WATER RESOURCES 7/87 MANINGRIDA	Maningrida	417690	8664878	135.6	27/07/87	12	12
RN025193	WATER RESOURCES 8/87 MANINGRIDA	Maningrida	417226	8664663	122	6/08/87	14.8	15.5
RN025194	WATER RESOURCES 9/87 MANINGRIDA	Maningrida	417376	8664913	103.2	15/08/87	19.6	12.1
RN025195	WATER RESOURCES 10/87 MANINGRIDA	Maningrida	416876	8666513	153.9	28/08/87	19.3	10.5
RN025196	WATER RESOURCES 1/87 GORANG GORANG	Gorong-gorong	441626	8658963	37	3/09/87	5.7	8
RN025197	WATER RESOURCES 2/87 GORANG GORANG	Gorong-gorong	441626	8658963	25.2	4/09/87	7	7
RN025282	WATER RESOURCES 2/87 DJIMALAWA	Ji-malawa	463826	8660313	25.3	8/09/87	4	2.2
RN025424	WR 88/1 GOULBURN IS	Warruwi	326277	8716263	15	11/05/88	0	0.3
RN025425	WR 88/2 GOULBURN IS	Warruwi	326357	8717243	18.5	11/05/88	0	0
RN025429	WR 88/3 GOULBURN IS	Warruwi	327177	8717263	15	11/05/88	0	3
RN025730	WR 88/4 GOULBURN IS	Warruwi	327667	8717883	22	12/05/88	0	0.3
RN025731	WR 88/5 GOULBURN IS	Warruwi	328367	8716103	18.5	12/05/88	0	0.6
RN025732	WR 88/6 GOULBURN IS	Warruwi	328557	8717013	18.5	13/05/88	0	2
RN025733	WR 88/7 GOULBURN IS	Warruwi	329607	8717663	18.5	13/05/88	0	5
RN025734	WR 88/8 GOULBURN IS	Warruwi	330277	8715803	18.5	13/05/88	0	10
RN025735	WR 88/9 GOULBURN IS	Warruwi	326337	8715623	12.5	14/05/88	0	10
RN025736	WR 88/10 GOULBURN IS	Warruwi	326332	8715723	8	15/05/88	0	2
RN025737	WR 88/11 GOULBURN IS	Warruwi	326332	8715623	6.8	16/05/88	0	10
RN025738	WR 88/12 GOULBURN IS	Warruwi	328157	8716423	18.5	16/05/88	0	1.5
RN025739	WR 88/13 GOULBURN IS	Warruwi	328157	8716403	6.5	16/05/88	0	1.5
RN025740	WR 88/14 GOULBURN IS	Warruwi	327347	8715733	8.7	17/05/88	1.9	9
RN025741	WR 88/15 GOULBURN IS	Warruwi	327347	8715853	9	17/05/88	2	1.5
RN025742	WR 88/16 GOULBURN IS	Warruwi	326827	8715843	10	17/05/88	4.6	0.5
RN025743	WR 88/17 GOULBURN IS	Warruwi	328787	8715703	12.5	18/05/88	0	2.5
RN025744	WR 88/18 GOULBURN IS	Warruwi	328777	8715703	9.3	18/05/88	5.2	2
RN025745	WR 88/19 GOULBURN IS	Warruwi	329027	8715763	12.5	18/05/88	0	6
RN025746	88/20=INJALATOARRI= GOULBURN IS	Injalatparri	329007	8715758	9.3	19/05/88	5.5	7
RN025747	WR 88/21 GOULBURN IS	Warruwi	327337	8716153	10	19/05/88	0	0.5
RN025748	88/22;INJALATPARRI. GOULBURN IS.	Injalatparri	327347	8715783	7	20/05/88	0	2
RN025749	WR 88/23 GOULBURN IS	Warruwi	329582	8716268	7.5	20/05/88	0	5
RN025750	WR 88/24 GOULBURN IS	Warruwi	329387	8716863			0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN025751	WR 88/25 GOULBURN IS	Warruwi	328587	8717023			0	0
RN025752	WR 88/26 GOULBURN IS	Warruwi	328257	8715813			0	0
RN025753	WR 88/27 GOULBURN IS	Warruwi	328807	8715703			0	0
RN025754	WR 88/28 GOULBURN IS	Warruwi	328827	8715693			0	0
RN025755	WR 88/29 GOULBURN IS	Warruwi	329037	8715743			0	0
RN025756	WR 88/30 GOULBURN IS	Warruwi	329067	8715763			0	0
RN025820	WR 88/1 SMITH POINT	Smith Point	191108	8764612			0	0
RN025821	WR 88/2 SMITH POINT	Smith Point	191528	8763162			0	0
RN025822	WR 88/3 SMITH POINT	Smith Point	189728	8765662			0	0
RN025823	WR 88/4 SMITH POINT	Smith Point	190378	8765162			0	0
RN025824	WR 88/5 SMITH POINT	Smith Point	190728	8764862			0	0
RN025825	WR 88/6 SMITH POINT	Smith Point	188078	8765362			0	0
RN025826	WR 88/7 SMITH POINT	Smith Point	188078	8765362			0	0
RN025827	WR 88/8 SMITH POINT	Smith Point	188628	8768112			0	0
RN025828	WR 88/9 SMITH POINT	Smith Point	188978	8768362			0	0
RN025829	WR 88/9 SMITH POINT	Smith Point	188978	8768200			0	0
RN025950	WR 88/3 MEWIRNBI	Mewirubi	473826	8658263			0	0
RN025951	WR 88/2 MEWIRNBI	Mewirubi	473826	8658263			0	0
RN025952	WR 88/1 DJEBENNA	<i>Ji-bena ?</i>	458026	8657363			0	0
RN025953	WR 88/1 MUMEKA	Mumeka	405926	8632963			0	0
RN025954	WR 88/1 GUMARRIRNBANG	Gumarrirnbang	390326	8638063			0	0
RN025955	WR 88/1 GUJEKEINJI=GUNBALUNYA	Gudjekbinj	369426	8645463			0	0
RN025956	WR 88/2 GUDJEKEINJI=GUNBALUNYA	Gudjekbinj	370626	8645563			0	0
RN025957	WR 88/3 GUDJEKEINJI=GUNBALUNYA	Gudjekbinj	370226	8644763			0	0
RN025958	WR 88/1 WAIDABANOO OENPELLI O/S	Waidaboonar	258527	8679263			0	0
RN026000	WR 88/11 SMITH POINT	Smith Point	189228	8768262	7.2	30/09/88	0	0.5
RN026001	WR 88/12 SMITH POINT	Smith Point	189528	8768112	8.8	1/10/88	0	0
RN026002	WR 88/13 SMITH POINT	Smith Point	189528	8768112	6.7	3/10/88	0	0.3
RN026003	WR 88/14 SMITH POINT	Smith Point	188133	8766012	8	5/10/88	0	0.2
RN026004	WR 88/15 SMITH POINT	Smith Point	188133	8766012	8	5/10/88	0	0
RN026005	WR 88/16 SMITH POINT	Smith Point	188328	8766112	7.5	7/10/88	0	0.6
RN026006	WR 88/17 SMITH POINT	Smith Point	188328	8766112	6.3	7/10/88	0	0
RN026007	WR 88/18 BLACK POINT (SMITH PT. AREA)	Smith Point	188328	8766112	7.4	8/10/88	0	1
RN026008	WR 88/1 SMITH POINT	Smith Point	190228	8763662	6	11/10/88	3.8	0.08
RN026009	WR 88/2 SMITH POINT	Smith Point	190228	8763662	6	12/10/88	3.3	0.1
RN026090	WR 88/3 SMITH POINT	Smith Point	190228	8763662	5.5	13/10/88	3.9	0.2
RN026170	WR 88/1 KORLOBIRRAHDA	Kolorbidahdah	426426	8604964	49.1	23/11/88	2.4	8
RN026171	WR 88/1 YAMINYI	Yamini	430126	8586964	36	26/11/88	23.5	0.9
RN026629	OB49 NABARLEK	Nabarlek	318927	8638663	22	1/12/88	6.2	0.9
RN026630	OB50S NABARLEK	Nabarlek	316827	8639813	23	1/12/88	0	0
RN026631	OB50D NABARLEK	Nabarlek	316827	8639813	23	1/12/88	0	0
RN026632	OB51S NABARLEK	Nabarlek	315397	8639493	25	1/12/88	0	0
RN026633	OB51D NABARLEK	Nabarlek	315397	8639473	25	1/12/88	0	0
RN026634	OB52S NABARLEK	Nabarlek	315627	8639413	6	1/12/88	0	0
RN026635	OB52D NABARLEK	Nabarlek	315627	8639413	23	1/12/88	0	0
RN026636	SP31 NABARLEK	Nabarlek	316177	8639463	7.5	1/12/88	0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN026755	WR 89/1 MANMOYI MANINGRIDA O/S	Manmoyi	403826	8613364	50.2	21/11/89	0	0.14
RN026756	WR 89/2 MANMOYI MANINGRIDA O/S	Manmoyi	403826	8613164	19.7	22/11/89	0	0
RN026757	WR 89/3 MANMOYI MANINGRIDA O/S	Manmoyi	403226	8612564	44	24/11/89	0	2.1
RN026758	WR 89/1 KABAKABAULDI MANINGRIDA O/S	Kakodbabuldi	408326	8628263	22.5	27/11/89	2.5	4.7
RN026759	WR 89/1 MARRKOLIDBAN MANINGRIDA O/S	Marrkolidjban	397426	8647263	18.1	30/11/89	0	2.1
RN026828	BULMAN O/STN (BODEIDI CAMP) A.T.S.I.C.	Bodeidei	418326	8498364	50	14/11/92	36	2
RN026851	WR 89/1 MAMADAWERRE OENPELLI O/S	Mamadawerre	354327	8644563	21.5	1/12/89	0	0
RN026852	WR 89/2 MAMADAWERRE OENPELLI O/S	Mamadawerre	354127	8644663	33.2	2/12/89	0	0
RN026853	WR 89/3 MAMADAWERRE OENPELLI O/S	Mamadawerre	353427	8644663	15.7	2/12/89	0	0
RN026854	WR 89/4 MAMADAWERRE OENPELLI O/S	Mamadawerre	354927	8644663	17.3	2/12/89	0	0
RN026969	CB 1 COBOURG PENINSULA	Walford Point	178668	8759062	15.1	17/08/88	6.4	1.2
RN026970	CB 2 COBOURG PENINSULA	Walford Point	179028	8758522	35.2	19/08/88	13.2	2.2
RN026971	CB 3 COBOURG PENINSULA	Walford Point	178228	8758962	36	20/08/88	12.6	0.8
RN026972	CB 4 COBOURG PENINSULA	Walford Point	179028	8759192	19.5	21/08/88	10.7	1.7
RN026973	CB 5 COBOURG PENINSULA	Walford Point	178528	8759462	18	22/08/88	6.7	0.7
RN026974	CB 6 COBOURG PENINSULA	Walford Point	177968	8759412	27	23/08/88	0	0
RN026975	CB 7 COBOURG PENINSULA	Walford Point	177528	8759212	36	24/08/88	0	0.05
RN026976	CB 8 COBOURG PENINSULA	Walford Point	179128	8759692	24	25/08/88	0	0
RN026977	CB 9 COBOURG PENINSULA	Walford Point	177498	8759662	18	26/08/88	7.8	2
RN026978	CB 10 COBOURG PENINSULA	Walford Point	177178	8759337	30	27/08/88	16.6	0.7
RN026979	CB 11 COBOURG PENINSULA	Walford Point	178158	8758337	36	30/08/88	0	0
RN027062	WR 90/1 KURULDU MANINGRIDA O/S	Kurrurldul	417526	8619614	84.3	3/09/90	0	0
RN027063	WR 90/1 CADELL GARDENS MANINGRIDA O/S	Gochan Jiny-jirra	441226	8651363	44.3	5/09/90	0	0
RN027064	WR 90/1 DJEBENNA MANINGRIDA O/S	<i>Mewirubi ?</i>	473126	8658263	42	10/09/90	0	0
RN027065	WR 90/2 DJEBENNA MANINGRIDA O/S	<i>Mewirubi ?</i>	473826	8658263	30.1	11/09/90	0	0
RN027131	PASPALLEY-BREMER BAY 90/1 COBOURG PENINSULA	Port Bremer	202678	8757762	24	25/07/90	2	4
RN027132	PASPALLEY-BREMER BAY 90/2 COBOURG PENINSULA	Port Bremer	202428	8758162	18	26/07/90	0	0
RN027133	PASPALLEY-PORT BREMER 90/3 COBOURG PENINSULA	Port Bremer	202328	8758462	18	27/07/90	0	0
RN027134	PASPALLEY-PORT BREMER 90/4 COBOURG PENINSULA	Port Bremer	202678	8757762	24	27/07/90	2.2	6
RN027135	PASPALLEY-RAFFLES BAY 90/1 COBOURG PENINSULA	Raffles Bay	213228	8752962	42	5/08/90	0	1
RN027136	PASPALLEY-RAFFLES BAY 90/2 COBOURG PENINSULA	Raffles Bay	213228	8752962	6	5/08/90	1.5	0.4
RN027594	WR 91/1 BULMAN BULMAN	Bulman	425189	8489979	68.8	2/09/91	1.2	2
RN027595	WR 91/2 PROD.2 BULMAN BULMAN	Bulman	425164	8489979	49	21/09/91	1.7	12
RN027596	WR 91/3 BULMAN BULMAN	Bulman	427646	8489645	150	5/09/91	8.5	0.3
RN027597	WR 91/4 BULMAN BULMAN	Bulman	427611	8489485	124.5	11/09/91	11	0.1
RN027598	WR 91/5 BULMAN BULMAN	Bulman	428326	8488620	11.5	11/09/91	0	0
RN027599	WR 91/6 BULMAN BULMAN	Bulman	427371	8489465	142.5	13/09/91	0	0
RN027810	WR 91/7 PROD.1 BULMAN BULMAN	Bulman	424597	8489894	72.5	18/09/91	6.6	20
RN027811	WR 91/8 BULMAN BULMAN	Bulman	424696	8489945	60	25/09/91	5.7	1
RN027812	WR 91/9 BULMAN BULMAN	Bulman	425176	8490107	60	23/09/91	0	0
RN027813	WR 91/10 BULMAN BULMAN	Bulman	425244	8490007	60	24/09/91	0	0
RN027814	WR 91/11 BULMAN BULMAN	Bulman	425206	8489995	56.7	26/09/91	1.2	10
RN027910	WAMINARI NO1 WAMINARI O/S	Waminari	325337	8698463	18	1/10/91	4.5	0.03
RN028156	NGANGALORD 2/92 NGANGALORD ARNHAM LAND	Mankorlod	421276	8611014	42.2	12/08/92	0	0.8
RN028157	NGANGALORD 3/92 ARNHAM LAND	Mankorlod	421236	8611054	65	19/08/92	0	0.6
RN028158	NGANGALORD ARNHAM LAND	Mankorlod	420176	8611844	30.3	18/08/92	0	0.8

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN028159	BULUGADARU 1/92 ARNHEM LAND	Buluhkaduru	436916	8626164	53.8	20/08/92	0	0
RN028224	A.T.S.I.C. 1/92 MOMOB OUTSTATION	Momob	420726	8523364	64.7	27/08/92	34.2	2.4
RN028225	A.T.S.I.C. 1/92 GULPULYUL OUTSTATION	Gulpuliyul	407426	8524464	28.2	30/08/92	11.6	1.9
RN028226	MORBON/BLUE WATER = WEEMOL COMMUNITY	Weemol	430426	8498765	54	2/09/92	14.5	3
RN028270	BULUGADARU 2/92 ARNHEM LAND	Buluhkaduru	436697	8625964	47.8	21/08/92	0	0.1
RN028271	BULUGADARU 3/92 ARNHEM LAND	Buluhkaduru	434526	8625414	42.4	21/08/92	0	0
RN028272	BULUGADARU 4/92 ARNHEM LAND	Buluhkaduru	435036	8625264	17.8	21/08/92	0	0
RN028273	BULUGADARU 5/92 ARNHEM LAND	Buluhkaduru	435036	8625324	23.8	21/08/92	0	0
RN028274	BULUGADARU 6/92 ARNHEM LAND	Buluhkaduru	436696	8625963	23.8	24/08/92	0	0
RN028275	BULUGADARU 7/92 ARNHEM LAND	Buluhkaduru	436695	8625964	20	26/08/92	11.8	0.06
RN028276	BULUGADARU 8/92 ARNHEM LAND	Buluhkaduru	436696	8625963	23.8	24/08/92	0	0.05
RN028277	BULUGADARU 9/92 ARNHEM LAND	Buluhkaduru	434216	8625674	23.8	25/08/92	0	0
RN028278	BULUGADARU 10/92 ARNHEM LAND	Buluhkaduru	439026	8626154	17.8	25/08/92	0	0
RN028279	BULUGADARU 11/92 ARNHEM LAND	Buluhkaduru	439036	8625854	17.8	25/08/92	0	0
RN028280	BULUGADARU 12/92 ARNHEM LAND	Buluhkaduru	436696	8625964	23.8	26/08/92	0	0
RN028281	BULUGADARU 13/92 ARNHEM LAND	Buluhkaduru	436696	8625965	44.8	1/09/92	11.7	0.11
RN028282	TABLE HILL 1/92 ARNHEM LAND	Gurrhgurr (Table Hill)	391852	8650163	62	2/09/92	0	0
RN028283	TABLE HILL 2/92 ARNHEM LAND	Gurrhgurr (Table Hill)	391530	8655179	33.3	7/09/92	0.8	1
RN028284	TABLE HILL 3/92 ARNHEM LAND	Gurrhgurr (Table Hill)	391476	8650215	60.1	7/09/92	0	0
RN028285	TABLE HILL 4/92 ARNHEM LAND	Gurrhgurr (Table Hill)	392045	8650259	50	8/09/92	0	0
RN028286	TABLE HILL 5/92 ARNHEM LAND	Gurrhgurr (Table Hill)	393045	8650383	45	9/09/92	0	0
RN028287	TABLE HILL 6/92 ARNHEM LAND	Gurrhgurr (Table Hill)	391526	8649942	28.3	17/09/92	1.8	6
RN028411	WEEMOL 1/92 WEEMOL COMMUNITY BULMAN	Weemol	424926	8490765	19	5/12/92	6	4
RN028412	A.T.S.I.C. 2/92 WEEMOL COMMUNITY BULMAN	Weemol	425226	8490865	19	6/12/92	4	4
RN028894	NGANGALORD ARNHEM LAND	Mankorlod	421235	8611054	78.1	7/08/92	8.2	0.8
RN028911	BORLKJAM NO1 BORE TOMKINSON MAP	Bolkdjam	432876	8631073	60	17/09/93	0	0
RN028912	BORLKJAM NO 2 BORE TOMKINSON MAP	Bolkdjam	432877	8631074	48	20/09/93	0	0
RN028913	BORLKJAM NO3 BORE TOMKINSON MAP	Bolkdjam	432926	8631055	39	21/09/93	0	0
RN028914	BORLKJAM NO4 BORE TOMKINSON MAP	Bolkdjam	432927	8631056	24	24/09/93	0	0
RN029181	BUDDEJOKANG BORE NTP=1646,1647	Barridjowkeng	410196	8634855	15	25/11/93	1.4	5
RN029182	YIKARRAKKAL 2/93 NTP=1646,1647	Yikarrakkal	402376	8617459	33	23/11/93	0	0
RN029183	MAMOYI 2/93 NTP=1646,1647	Manmoyi	404126	8614364	28.6	21/11/93	0	2
RN029184	MAMOYI 1/93 NTP=1646,1647	Manmoyi	402126	8611764	48	19/11/93	0	0.01
RN029185	YIKARRAKKAL 1/93 NTP=1646,1647	Yikarrakkal	402636	8617504	30	22/11/93	0	0
RN029273	OENPELLI INV.	Oenpelli	291927	8633763	12.6	19/08/94	2	0.1
RN029274	OENPELLI INV.	Oenpelli	291927	8633963	11.6	22/08/94	0	0
RN029275	OENPELLI INV.	Oenpelli	292027	8633963	13	22/08/94	0	0
RN029276	OENPELLI INV.	Oenpelli	292027	8633973	27	23/08/94	0	0
RN029277	OENPELLI INV.	Oenpelli	292127	8633963	10	26/08/94	0	0
RN029278	OENPELLI INV.	Oenpelli	292027	8633863	10	29/08/94	0	0
RN029279	OENPELLI INV.	Oenpelli	291527	8633563	13	29/08/94	0	0
RN029298	OENPELLI INV.	Oenpelli	292027	8633263	12.6	18/08/94	1.9	0.7
RN029299	OENPELLI	Oenpelli	291927	8633563	20.5	25/08/94	1.6	3
RN029500	OENPELLI INVEST.	Oenpelli	291527	8633663	10	29/08/94	0	0
RN029501	OENPELLI COMMUNITY	Oenpelli	291427	8633763	17.6	30/08/94	2	0.2
RN029502	OENPELLI INVEST.	Oenpelli	291427	8633773	13	30/08/94	0	0

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN029503	OENPELLI INVEST.	Oenpelli	291527	8633963	13	1/09/94	0	0
RN029504	OENPELLI INVEST.	Oenpelli	291527	8634063	9	1/09/94	2	0
RN029505	OENPELLI INVEST.	Oenpelli	291527	8634163	13	1/09/94	0	0
RN029506	OENPELLI INVEST.	Oenpelli	290527	8634163	13	2/09/94	0	0
RN029507	OENPELLI INVEST.	Oenpelli	290727	8634363	13	2/09/94	0	0
RN029508	OENPELLI	Oenpelli	290927	8634563	37.5	15/09/94	6	1
RN029509	OENPELLI INVEST.	Oenpelli	290527	8634173	17	5/09/94	2	0.5
RN029551	OENPELLI INVEST.	Oenpelli	290727	8634063	13.3	6/09/94	0	0
RN029552	OENPELLI INVEST.	Oenpelli	290727	8634073	11.8	7/09/94	0	0
RN029553	OENPELLI INVEST.	Oenpelli	290527	8633963	15	7/09/94	0	0
RN029554	OENPELLI INVEST.	Oenpelli	290527	8633973	13.5	8/09/94	2	0.5
RN029555	OENPELLI INVEST.	Oenpelli	290527	8633978	11.8	8/09/94	0	0
RN029556	OENPELLI INVEST.	Oenpelli	290877	8633663	17.8	12/09/94	0	0
RN029557	OENPELLI INVEST.	Oenpelli	290877	8633713	11.8	27/09/94	0	0
RN029558	OENPELLI INVEST.	Oenpelli	290887	8633713	12	27/09/94	0	0
RN029559	OENPELLI	Oenpelli	290627	8633663	11.6	29/09/94	2.3	2
RN029640	OENPELLI INVEST.	Oenpelli	290727	8633763	19	29/09/94	2.3	5
RN029641	OENPELLI	Oenpelli	291027	8633663	14.4	3/10/94	2.3	5
RN029642	OENPELLI INVEST.	Oenpelli	290827	8633663	13.5	3/10/94	0	0
RN029643	OENPELLI	Oenpelli	290927	8633673	11.5	5/10/94	2.2	5
RN029644	J. Wauchop Murganella- Annesley Point	Baniwumbalag	263427	8737862	47.5	22/10/94	0	0
RN029645	Jim Wauchope Annesley Point-North of Murganella	Baniwumbalag	263327	8737962	48	25/10/94	12	0.1
RN029646	J. Wauchop Murganella-Annesley Point	Baniwumbalag	263437	8737862	41.5	24/10/94	0	0
RN029647	Maningrida Rocky Point	Nakkalamndjarda	433747	8666282	36	28/10/94	0	0
RN029648	Maningrida Rocky Point	Nakkalamndjarda	433526	8665163	48	29/10/94	0	0
RN029649	Maningrida Rocky Point	Nakkalamndjarda	433696	8666283	27	31/10/94	0	5
RN029680	Maningrida Skirmish Point	Skirmish Point	423406	8672853	48	2/11/94	0	0
RN029681	Maningrida Skirmish Point	Skirmish Point	423673	8673043	26	3/11/94	0	0
RN029682	Maningrida Skirmish Point	Skirmish Point	423286	8671213	36.8	5/11/94	11.9	5
RN029749	ANGABABIRRAYI O/STN. BORE No 4/94	Ankabadbirri	436775	8645154	28	26/09/94	7.1	1
RN029750	JIBALBAL O/STN BORE No 3/94	Ji-balbal	458440	8640244	19	24/09/94	4.6	3
RN029751	DJIMARDA O/STN. BORE No 2/94	Ji-marda	459226	8667863	24	21/09/94	6.5	2.5
RN029752	DJIMARDA O/STN BORE No 1/94	Ji-marda	459026	8667863	27	20/09/94	0	0
RN030360	ABORIGINAL LAND A/97 NAMURGARDABU	Namurgardabu	392706	8655233	70	16/10/97	0	0
RN030361	ABORIGINAL LAND B/97 NAMURGARDABU	Namurgardabu	391756	8655488	72.5	18/10/97	10.4	4
RN030362	ABORIGINAL LAND B/97 KUMURRULU	Kumurrulu	398836	8643543	70	19/10/97	0	0
RN030363	ABORIGINAL LAND A/97 YIKARRAKKAL	Yikarrakkal	404516	8617074	19	21/10/97	0	0
RN030364	ABORIGINAL LAND B/97 YIKARRAKKAL	Yikarrakkal	404516	8617074	11.5	22/10/97	6.5	0.3
RN030365	ABORIGINAL LAND A/97 MILLMINKAN	Milmiingkan	418180	8615574	24.7	24/10/97	3.7	0.4
RN030366	ABORIGINAL LAND A/97 MUGURTA	Mu-gurta	446388	8644637	19	13/11/97	4.7	2.5
RN030367	ABORIGINAL LAND A/97 (BETTY WANDUK) JARRAMAGORNDARRA	Jarramagorndarra	462342	8641372	25	14/11/97	5.4	1
RN030368	ABORIGINAL LAND A/97 JIBALBAL	Ji-balbal	458598	8640598	19	16/11/97	0.4	5
RN030369	ABORIGINAL LAND GAMARDI	Gamardi	465596	8642664	55	17/11/97	0	0
RN030370	ABORIGINAL LAND WORDEJA	Wurdeja	463244	8654481	34	18/11/97	8.4	2.5
RN030371	ABORIGINAL LAND GAMARRGUYURRA	Gamarrguyurra	474556	8666283	34	20/11/97	15	1.5
RN030436	ABORIGINAL BORE (DEAN) RANGER NO.4 ARNHAM LAND	Narngarg	423066	8651245	61	15/10/94	14	0.5

Bore Registration Number	Bore name	Location	Easting	Northing	Depth drilled (m)	Date drilled	Water Level (m)	Yield (L/s)
RN030437	ABORIGINAL BORE (IVEN) KUMURRDUCU NO.3 ARNHEM LAND	Kumurrulu	399276	8643029	41	13/10/94	8.4	0.03
RN030438	ABORIGINAL BORE (K. WILLIAMS) CROKER ISLAND	Keith William's o/s	238627	8763662	21	16/12/95	12.4	0.5
RN030439	ABORIGINAL BORE (ILLIJILLI) MARRAMARRANI NO.1 CROKER Is	Marramarrani	233628	8750162	36	12/12/95	4	0.2
RN030455	ABORIGINAL (MARY) MARMIRR WANAKUTJA CROKER ISLAND	Wanakutja	228853	8771681	9	14/12/95	3.6	1
RN030456	ABORIGINAL BORE (LAWNER & ERNIE) IRGUL POINT ARNHEM	Irgul Point	230365	8745064	18	1/12/95	8.1	0.4
RN030457	ABORIGINAL BORE (TIGER) COOMBE POINT COBOURG PENINSULAR	Coombe Point	259127	8733162	59.5	27/11/95	4	0.2
RN030458	ABORIGINAL BORE (JIM WAUCHOPE) ANNESLEY POINT ARNHEM	Baniwumbalag	263627	8737762	48	24/11/95	8	0.2
RN030459	ABORIGINAL (CHARLIE SHOTGUN) MANDADJGARDAJANG (ARNHEM)	Mandedjkadjang	394691	8644234	28	14/09/95	2	3
RN030477	ABORIGINAL BORE NARNGARG 95/1 ARNHEM LAND	Narngarg	423026	8649263	34	2/11/95	10.4	0.22
RN030478	ABORIGINAL BORE (IVEN) KUMURRDULU NO.4 ARNHEM LAND	Kumurrulu	398902	8643113	43	12/09/95	0	0
RN030479	ABORIGINAL BORE (DEAN) RANGER NO.5 ARNHEM LAND	Narngarg	423026	8652263	34	4/11/95	12	2
RN031160	ABORIGINAL LAND WILGIE No 1 MOUNT NORRIS BAY	Wanamudji	257727	8729062	27	9/07/97	0	0
RN031161	ABORIGINAL LAND WILGIE No 2 MOUNT NORRIS BAY	Wanamudji	257627	8729112	24	9/07/97	0	0
RN031162	ABORIGINAL LAND WILGIE No 3 MOUNT NORRIS BAY	Wanamudji	257677	8728662	24	9/07/97	0	0
RN031163	ABORIGINAL LAND WILGIE No 4 MOUNT NORRIS BAY	Wanamudji	258427	8728762	24	10/07/97	0	0
RN031164	ABORIGINAL LAND WILGIE No 5 MOUNT NORRIS BAY	Wanamudji	259427	8728762	12	11/07/97	4	0.5
RN032440	NO 1/99	Kumurrulu	398838	8643415	165.6	12/10/99	0	0.4
RN032441	NO 1/99	Kumurrulu	398839	8643417	127	14/10/99	12.29	0.4
RN032442	NO 2/99	Kumurrulu	398841	8643419	28.8	18/10/99	6.02	0.3
RN032443	NO 1/99		428929	8617181	236.3	22/10/99	0	0
RN032444	NO 1/99	Mandilbarreng	345881	8642774	23.9	27/10/99	0	0.99
RN032445	NO 2/99	Mandilbarreng	345503	8643179	54.4	29/10/99	16.06	0.5
RN032752	NO 1/00	Jungle Creek	337092	8652912	79.6	23/09/00	0	0
RN032753	NO 1/00	Aurari Bay	304513	8699031	102.8	26/09/00	0	10
RN032754	NO 2/00	Aurari Bay	304513	8699051	102.9	29/09/00	17.3	1.4
RN032755	NO 1/00	Baniwumbalag	263899	8737898	60.3	2/10/00	5.68	0.4
RN032756	NO 2/00	Baniwumbalag	263900	8737868	334.1	14/10/00	0.2	1
RN032757	NO 1/00	Warruwi	323170	8710629	106.3	26/10/00	8.4	0
RN032758	NO 2/00	Warruwi	323240	8711474	139.9	4/11/00	14.26	12
RN032759	NO 3/00	Warruwi	322193	8711566	146.3	8/11/00	17.76	1
RN032930	NO 4/00	Warruwi	323514	8711855	117.1	11/11/00	12.86	5
RN032931	NO 5/00	Warruwi	323240	8711484	128.3	18/11/00	13.88	20
RN032932	NO 6/00	Warruwi	323348	8711494	126.5	21/11/00	14.23	10

## **Table 5**

### **List of Bores at each community**

<b>Community</b>	<b>Bore Registration Number (RN)</b>					
Adjarragu	RN024918					
Alamirra	RN009456	RN009578	RN009579	RN009580	RN009581	RN009582
	RN009588	RN009589				
Amartjitpalk	RN009912	RN009913	RN009914	RN009915	RN009916	RN009917
Ankabadbirri	RN029749					
Aurari Bay	RN032753	RN032754				
Baniwumbalag	RN020003	RN020004	RN029644	RN029645	RN029646	RN030458
	RN032755	RN032756				
Barridjowkeng	RN029181					
Bodeidei	RN026828					
Bolkdjam	RN028911	RN028912	RN028913	RN028914		
Bulman	RN000008	RN007319	RN007320	RN009629	RN022504	RN022505
	RN022506	RN022507	RN027594	RN027595	RN027596	RN027597
	RN027598	RN027599	RN027810	RN027811	RN027812	RN027813
	RN027814					
Buluhkaduru	RN028159	RN028270	RN028271	RN028272	RN028273	RN028274
	RN028275	RN028276	RN028277	RN028278	RN028279	RN028280
	RN028281					
Cadell River	RN007764	RN007765				
Cape Don	RN025136					
Coombe Point	RN009866	RN009867	RN009868	RN030457		
Dam Dam	RN023492	RN023493				
Gamardi	RN023490	RN030369				
Gochan Jiny-jirra	RN027063					
Gorong-gorong	RN025196	RN025197				
Gudjekbinj	RN025955	RN025956	RN025957			
Gulpuliyul	RN028225					
Gumarrimbang	RN025954					
Gurrhgurr (Table Hill)	RN028282	RN028283	RN028284	RN028285	RN028286	RN028287
Injalatparri	RN025746	RN025748				
Inngimatj	RN024917	RN024919				
Irgul Point	RN030456					
Jarramagorndarra	RN030367					
Ji-balbal	RN029750	RN030368				
Ji-bena	RN025952					
Ji-malawa	RN025282					
Ji-marda	RN021016	RN021635	RN021636	RN029751	RN029752	
Jungle Creek	RN032752					
Kakodbabuldi	RN026758					
Keith William's o/s	RN030438					
Kolorbidahdah	RN026170					
Kumurrulu	RN030362	RN030437	RN030478	RN032440	RN032441	RN032442
Kurrurldul	RN027062					
Mainoru	RN007825	RN007901				
Malnjangarnak	RN021121	RN021122	RN021123	RN021124		
Mamadawerre	RN026851	RN026852	RN026853	RN026854		
Mandedjkadjang	RN030459					
Mandilbarreng	RN032444	RN032445				
Mangardubu	RN021577	RN021578				
Maningrida	RN006435	RN006436	RN006687	RN006688	RN006689	RN006692
	RN008122	RN008123	RN008124	RN008125	RN008127	RN008133
	RN009451	RN009452	RN009453	RN025176	RN025177	RN025178
	RN025179	RN025190	RN025191	RN025192	RN025193	RN025194
	RN025195					
Mankorlod	RN028156	RN028157	RN028158	RN028894		

Manmoyi	RN026755	RN026756	RN026757	RN029183	RN029184	
Marramarrani	RN030439	RN007271				
Marrkolidjban	RN026759					
Mewirnbi	RN025950	RN025951	RN027064	RN027065		
Mikginj Valley	RN021014	RN021579				
Milmilngkan	RN030365					
Minjilang	RN005513	RN005538	RN005539	RN005540	RN007263	RN007264
	RN007265	RN007266	RN007267	RN007268	RN007269	RN007270
	RN007272	RN007836	RN007839	RN009454	RN009455	RN009601
	RN009602	RN009603	RN009604	RN009605	RN009606	RN009607
	RN009608	RN009609	RN009610	RN024475	RN024476	RN024477
	RN024478	RN024479	RN024670			
Momob	RN028224					
Mount Catt	RN022500	RN022501	RN022502	RN022503		
Mu-gurta	RN030366					
Mumeka	RN025953					
Murganella	RN005695	RN005696	RN005697	RN007633	RN007634	RN007850
	RN007852	RN007853	RN008206	RN008207	RN008953	RN008954
Murganella (South)	RN008194	RN008195	RN008196	RN008197	RN008198	
Nabarlek	RN009369	RN009370	RN009371	RN009372	RN009373	RN009374
	RN009375	RN009426	RN009427	RN009428	RN009429	RN009430
	RN009431	RN009432	RN009433	RN009434	RN009435	RN009436
	RN009437	RN009438	RN009439	RN009440	RN009441	RN009442
	RN009443	RN009444	RN009671	RN009672	RN009673	RN009674
	RN009675	RN009676	RN009677	RN009678	RN009679	RN009680
	RN009681	RN009682	RN009683	RN009684	RN009685	RN009686
	RN009861	RN009862	RN009863	RN009864	RN009865	RN020005
	RN020006	RN020007	RN020120	RN020121	RN020122	RN020123
	RN020124	RN020125	RN020126	RN020127	RN020128	RN020129
	RN020130	RN020131	RN020132	RN020133	RN020134	RN020135
	RN020136	RN020137	RN020138	RN020139	RN020140	RN020141
	RN020142	RN020143	RN020144	RN020145	RN020146	RN020147
	RN020148	RN020149	RN020150	RN020151	RN020152	RN020153
	RN020154	RN020155	RN020156	RN020157	RN020158	RN020428
	RN020429	RN020430	RN020431	RN020432	RN020433	RN020434
	RN020435	RN020436	RN020437	RN020438	RN020439	RN020440
	RN020441	RN020442	RN020470	RN020471	RN020472	RN020473
	RN020474	RN020475	RN020476	RN020477	RN020478	RN020479
	RN020556	RN020557	RN020558	RN021037	RN021038	RN022009
	RN022131	RN022132	RN022133	RN022134	RN023015	RN023016
	RN023017	RN023018	RN023019	RN023020	RN023021	RN023022
	RN023023	RN023024	RN023025	RN023026	RN023027	RN023028
	RN023029	RN023030	RN023031	RN023095	RN023096	RN023097
	RN023108	RN023109	RN023110	RN023111	RN023112	RN023113
	RN023114	RN023115	RN023116	RN023117	RN023118	RN023119
	RN023120	RN023401	RN023402	RN023403	RN023404	RN023405
	RN023406	RN023407	RN023408	RN023409	RN023410	RN023411
	RN023412	RN025050	RN025051	RN025052	RN025053	RN025054
	RN025055	RN025056	RN025057	RN025058	RN025059	RN025062
	RN025063	RN025064	RN025065	RN025066	RN025067	RN025068
	RN025069	RN025070	RN025071	RN025072	RN025073	RN025074
	RN025075	RN025076	RN025077	RN025078	RN026629	RN026630
	RN026631	RN026632	RN026633	RN026634	RN026635	RN026636
Nakkalamndjarda	RN009981	RN009982	RN009983	RN009984	RN009985	RN009986
	RN009987	RN009988	RN009989	RN029647	RN029648	RN029649
Namurgardabu	RN022898	RN022899	RN023190	RN023191	RN023192	RN023193
	RN030360	RN030361				

Narngarg (Tomkinson River)	RN030436	RN030477	RN030479			
Oenpelli	RN003184	RN003185	RN003186	RN003187	RN003188	RN003976
(Gunbalanya)	RN003977	RN007404	RN007405	RN007976	RN007977	RN008020
(Kungarrewarl)	RN008021	RN008022	RN008023	RN008024	RN008073	RN008074
	RN008075	RN008076	RN008077	RN008078	RN008079	RN008080
	RN008081	RN008091	RN008263	RN008306	RN008636	RN008637
	RN008638	RN008639	RN008640	RN009143	RN009144	RN009145
	RN009146	RN009147	RN009148	RN009149	RN009150	RN009151
	RN009152	RN009153	RN009154	RN009155	RN009156	RN009177
	RN009178	RN009179	RN009185	RN009186	RN009187	RN009188
	RN009207	RN009208	RN009209	RN021770	RN021771	RN021772
	RN021773	RN021774	RN021775	RN021776	RN021777	RN021778
	RN021779	RN022178	RN022179	RN022270	RN022271	RN022272
	RN022273	RN022274	RN022275	RN022276	RN022277	RN022278
	RN022279	RN022350	RN022351	RN022352	RN022353	RN022354
	RN022355	RN022356	RN022357	RN022358	RN022359	RN022430
	RN022431	RN022432	RN022433	RN022434	RN022435	RN022436
	RN022437	RN022438	RN022439	RN022520	RN022521	RN022522
	RN022523	RN022524	RN022816	RN022817	RN022818	RN022819
	RN023121	RN023122	RN023123	RN023124	RN023125	RN023126
	RN023127	RN023128	RN023129	RN023130	RN023201	RN023202
	RN023203	RN023204	RN023205	RN023206	RN023207	RN023208
	RN023209	RN023250	RN023251	RN023252	RN023253	RN023254
	RN023255	RN029273	RN029274	RN029275	RN029276	RN029277
	RN029278	RN029279	RN029298	RN029299	RN029500	RN029501
	RN029502	RN029503	RN029504	RN029505	RN029506	RN029507
	RN029508	RN029509	RN029551	RN029552	RN029553	RN029554
	RN029555	RN029556	RN029557	RN029558	RN029559	RN029640
	RN029641	RN029642	RN029643			
Port Bremer	RN021728	RN021729	RN027131	RN027132	RN027133	RN027134
Raffles Bay	RN027135	RN027136				
Sandy Bay	RN024916					
Skirmish Point	RN029680	RN029681	RN029682			
Smith Point	RN005086	RN008477	RN008478	RN008479	RN020792	RN020793
	RN020794	RN020795	RN020796	RN020797	RN020798	RN020800
	RN020870	RN020871	RN020872	RN020873	RN020874	RN020875
	RN020876	RN020877	RN020878	RN020879	RN025820	RN025821
	RN025822	RN025823	RN025824	RN025825	RN025826	RN025827
	RN025828	RN025829	RN026000	RN026001	RN026002	RN026003
	RN026004	RN026005	RN026006	RN026007	RN026008	RN026009
	RN026090					
Ulunj	RN021015					
Unjumu	RN009895					
Unjumu	RN009895					
Waidaboonar	RN025958					
Walford Point	RN026969	RN026970	RN026971	RN026972	RN026973	RN026974
	RN026975	RN026976	RN026977	RN026978	RN026979	
Walka	RN024915					
Waminari	RN027910					
Wamini	RN009869	RN009870	RN020000	RN020001	RN020002	
Wanakutja	RN030455					
Wanamudji	RN031160	RN031161	RN031162	RN031163	RN031164	
Warruwi	RN008326	RN008648	RN008649	RN008650	RN008651	RN008666
	RN008667	RN008668	RN008669	RN008670	RN008671	RN008708
	RN008709	RN008789	RN020300	RN020301	RN020302	RN020303
	RN020304	RN020305	RN020306	RN020307	RN020308	RN020309
	RN020310	RN020799	RN020880	RN020881	RN020882	RN020883

	RN020884	RN020885	RN020886	RN020887	RN020888	RN020889
	RN020890	RN020940	RN020941	RN020942	RN020943	RN020944
	RN020945	RN020946	RN020947	RN020948	RN020949	RN020950
	RN020951	RN020952	RN020953	RN020954	RN020955	RN020956
	RN023142	RN023143	RN023144	RN023145	RN023146	RN023147
	RN023148	RN023149	RN023150	RN023815	RN023816	RN023817
	RN023818	RN023819	RN023970	RN023971	RN023972	RN023973
	RN023974	RN023975	RN023976	RN023977	RN023978	RN023979
	RN024040	RN024041	RN024042	RN024043	RN024044	RN024045
	RN024046	RN024047	RN024048	RN024049	RN024060	RN024061
	RN024062	RN024063	RN024064	RN024065	RN024066	RN024067
	RN024068	RN025424	RN025425	RN025429	RN025730	RN025731
	RN025732	RN025733	RN025734	RN025735	RN025736	RN025737
	RN025738	RN025739	RN025740	RN025741	RN025742	RN025743
	RN025744	RN025745	RN025747	RN025749	RN025750	RN025751
	RN025752	RN025753	RN025754	RN025755	RN025756	RN032757
	RN032758	RN032759	RN032930	RN032931	RN032932	
Weemol	RN028226	RN028411	RN028412			
Wilgi	RN009590	RN009591	RN009592	RN009593	RN009594	RN009595
Wurdeja	RN023491	RN030370				
Yamini	RN026171					
Yikarrakkal	RN029182	RN029185	RN030363	RN030364		

## **Table 6**

### **Bore Water Chemistry**

Bore	Date	No. of rec.	Period of record	pH	EC μS/cm	TDS (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Calcium soluble (mg/L)	Magnesium soluble (mg/L)	Iron total (mg/L)	Hardness total (mg/L)	Alkalinity total (mg/L)	Silica (mg/L)	Chloride (mg/L)	Sulphate (mg/L)	Nitrate (mg/L)	Bicarbonate (mg/L)	Fluoride (mg/L)	Chloride as NaCl (mg/L)
RN003976	14/09/54	1	1954				50	54				264			250	17		86		
RN005086	8/10/65	1	1965	8.2	500	292	33	2				182	178		63	2		94		
RN005513	2/08/66	2	1966-1967	5.1	87		38	0.3				14	2		24			1		
RN005513	16/05/67			6.4	159		29	0.7				18	30		22			18		
RN005538	4/08/66	5	1966-1970	6.6	94		14	0.4				8	6		26	2		4		
RN005538	18/08/70			6.5	108		18	1				10	12		27	2		15		
RN005539	5/08/66	2	1966-1970	6.7	75		13	0.5				4	8		22			5		
RN005539	18/08/70			6.7	57		6	1				7	12		9	2		15		
RN005540	6/08/66	4	1966-1967	6.5	47		7	0.5				2	4		4	2		2		
RN005540	1/05/67			5.0	42		5					2	2		6			1		
RN005696	16/01/67	3	1967-1968	6.1	54		7	0.2				23	6		10			3		
RN005696	13/11/68			6.7	38	30	5	1				10	8		8	2		5		12
RN005697	26/01/67	2	1967-1968	6.3	72	60	8	0.1				19	16		8			9		
RN005697	13/11/68			6.4	49	40	5	1				14	12		12	2		7		20
RN006435	29/08/69	5	1969-1988	5.9	47	60	7	1				9	10		7	3		12		11
RN006435	24/10/88			5.0	35	25	5	1				3	2		7	3		2		12
RN006436	25/02/69	1	1969	6.5	130	100	12	1				13	32		22	5		39		
RN006687	18/09/69	2	1969	6.7	200	120	19	1				56	57		31	4		70		
RN006687	19/09/69			5.0	85	80	14	1				7	2		27	6		2		
RN006688	2/09/69	4	1969-1972	5.4	53	60	8	1				6	5		16	2		6		
RN006688	18/07/72			6.9	150	90	9	1				51	50		16	4		62		26
RN006689	27/08/69	2	1969	5.3	85	60	15	1				7	3		26	2		4		
RN006689	27/08/69			5.1	90	70	14	1				6	3		25	5		4		
RN006692	6/09/69	2	1969	5.5	210	130	33	1				20	7		60	6		9		
RN006692	8/09/69			5.6	340	220	55	1				23	11		95	8		13		
RN007263	27/09/70	1	1970	5.8	53		7	1				4	6		15	2		7		
RN007264	26/08/70	1	1970	4.7	83		11	1				4	1		15	9		1		
RN007265	2/09/70	2	1970	6.0	64		9	1				6	10		18	2		12		
RN007265	23/09/70			5.8	67		9	1				6	4		15	9		5		
RN007266	15/02/69	3	1969-1970	5.7	95		18	1				14	7		24	2		4		
RN007266	30/09/70			6.6	140		19	1				20	28		29	5		34		
RN007267	6/05/70	2	1970	6.3	110		5	1				4	4		11	2		5		
RN007267	21/08/70			6.2	70		10	1				6	8		19	4		10		
RN007269	16/09/70	1	1970	6.0	59		9	1				5	6		15	4		7		
RN007270	23/09/70	1	1970	6.5	170		22	2				26	34		23	16		41		
RN007271	6/09/70	1	1970	6.5	97		10	1				17	14		23	2		17		
RN007272	1/10/70	1	1970	6.7	143		19	4				18	26		26	7		32		
RN007320	23/10/70	1	1970	8.1	570	380	31	1				267	308		17	15		376		
RN007404	11/11/70	11	1970-1994	6.5	22							8	8		4			10		
RN007404	16/11/94			5.5	42		2	1		2	4	13	10	11	3	1	1	12	0.1	5
RN007405	14/11/70	1	1970	6.4	36	23	1	4				14	14		8	5		17		

Bore	Date	No. of rec.	Period of record	pH	EC μS/cm	TDS (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Calcium soluble (mg/L)	Magnesium soluble (mg/L)	Iron total (mg/L)	Hardness total (mg/L)	Alkalinity total (mg/L)	Silica (mg/L)	Chloride (mg/L)	Sulphate (mg/L)	Nitrate (mg/L)	Bicarbonate (mg/L)	Fluoride (mg/L)	Chloride as NaCl (mg/L)
RN007633	18/06/71	5	1971-1988	6.5	50		3	1				11	18		8	2		22		12
RN007633	6/12/88			8.1	330	225	82	1				5	147		17	12		179		28
RN007634	17/06/71	1	1971	5.7	35	40	3	1				10	10		6	2		12		10
RN007765	10/08/71	1	1971	6.2	38		4	1				7	10		8	2		12		14
RN007836	11/08/70	14	1970-1986	5.9	74		10	1				8	8		20	2		10		
RN007836	7/08/86			5.0	85		11	1				4	2		18	14		3		30
RN007839	27/03/72	16	1972-1994	6.5	74		7	1				13	11		12	2		13		20
RN007839	5/04/94			4.4	79		10	1				4	1		16	5		1		26
RN007850	23/05/72	3	1972	6.7	62	60	7	1				10	13		11	2		16		18
RN007850	21/06/72			5.9	33	25	5	1				3	5		7	2		6		12
RN007976	19/09/72	9	1972-1994	7.2	1480		305	12				85	268		166	278		327		274
RN007976	16/11/94			6.0	114		12	3		1		7	22	4	19	4	1	27	0.1	31
RN007977	19/09/72	1	1972	7.1	710	420	82	14				150	144		138	12		176		227
RN008023	14/10/72	13	1972-1994	6.7	190		20	6				33	67		10	7		82		16
RN008023	21/10/94			7.0	221		33	8		6	1	35	89	32	15	8	6	108	0.3	25
RN008024	18/10/72	14	1972-1993	7.1	240	140	38	5				28	62		34	6		76		56
RN008024	29/04/93			6.7	2320		316	10				361	63		588	135		77		969
RN008073	19/11/83	1	1983	5.5	35	40	6	1				12	1		10	4		1		16
RN008078	2/11/72	17	1972-1994	6.1	29	37	4	3				13	10		6	5		12		10
RN008078	28/04/94			5.2	28		3	1				4	3		4	1		4		7
RN008122	5/06/73	8	1973-1980	6.4	100	59	12	1				12	11		21	6		14		35
RN008122	13/11/80			4.7	75	50	9	1				4	2		18	2		2		30
RN008123	18/06/73	9	1973-1981	11.3	480	240	25	32				138	171		12	27				20
RN008123	23/02/81			5.0	40	40	6	1				2	2		12	2		3		20
RN008124	21/06/73	7	1973	6.7	88	66	10	1				17	25		14	2		30		23
RN008124	28/10/73			5.3	53	51	6	2				7	3		14	2		4		21
RN008125	30/06/73	3	1973	6.1	88	81	12	1				7	7		22	2		9		36
RN008125	30/10/73			5.5	61	39	8	1				7	3		18	2		4		28
RN008127	28/07/72	6	1972-1973	6.6	65	56	7	1				12	14		15	2		17		25
RN008127	15/08/73			5.6	63	70	8	1				5	7		13	2		9		21
RN008197	11/06/81	2	1981-1994	6.9	100							16	25		16	1		31		26
RN008197	24/06/94			6.2	99		12	3				16	25		17	4		31		28
RN008206	1/10/73	4	1973	7.6	400							5	172		29			210		48
RN008206	29/10/73			7.4	420	260	93	1				5	167		27	10		203		44
RN008207	22/10/73	5	1973-1994	6.5	79							18	15		10			18		16
RN008207	23/06/94			5.3	26		3	1				1	4		8	2		5		13
RN008477	7/10/74	2	1974-1979	6.9	240	120	9	1				86	80		17	7		97		28
RN008477	10/05/79			7.6	230	130	10	1				95	80		12	20		110		20
RN008478	14/10/74	5	1974-1987	6.7	7480	4320	1150	38				914	116		2425	260		142		3996
RN008478	5/11/87			7.4	1880	1020	268	7				270	100		510	35		122		840
RN008479	17/10/74	2	1974-1979	7.3	1680	910	171	6				383	256		349	28		312		575
RN008479	10/05/79			7.3	980	560	78	3				308	205		178	13		250		293

Bore	Date	No. of rec.	Period of record	pH	EC μS/cm	TDS (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Calcium soluble (mg/L)	Magnesium soluble (mg/L)	Iron total (mg/L)	Hardness total (mg/L)	Alkalinity total (mg/L)	Silica (mg/L)	Chloride (mg/L)	Sulphate (mg/L)	Nitrate (mg/L)	Bicarbonate (mg/L)	Fluoride (mg/L)	Chloride as NaCl (mg/L)
RN008636	14/10/74	2	1974	6.8	39							10	20		6			24		10
RN008636	15/10/74			6.4	42	45	1	2				13	17		6	5		21		10
RN008648	27/07/70	3	1970-1979	5.6	95	90	13	1				12	8		26	2		10		
RN008648	28/08/79			4.8	100	60	14	1				8	2		26	1		3		43
RN008649	5/02/75	3	1975	6.5	200							38	28		39			34		64
RN008649	6/02/75			6.9	220	134	24	1				49	33		40	2		40		66
RN008650	27/07/70	4	1970-1975	6.2	180	140	21	1				40	26		42	4		32		
RN008650	3/02/75			7.7	360	272	11	1				157	135		22	3		165		36
RN008651	14/12/77	2	1977-1988	6.8	172	102	20	1				29	20		33	3		24		54
RN008651	28/10/88			4.6	115	70	17	1				7	1		32	5		1		53
RN008671	10/02/75	2	1975	7.4	420	308	32	1				140	130		47	7		159		77
RN008671	10/02/75			7.1	300	170	16	1				103	100		28	2		122		46
RN008708	8/06/75	13	1975-1991	6.6	320							62	40		60			49		99
RN008708	31/10/91			4.3	905	460	116	2				123	1		253	28		1		417
RN008709	22/06/75	8	1975-1993	6.7	230							48	40		41			49		68
RN008709	26/05/93			4.5	340		43	1				40	1		88	12		1		145
RN008789	16/04/75	4	1975	7.0	3440	1857	264	16				990	67		1098	31		82		1810
RN008789	21/04/75			7.3	3800	1997	296	16				1093	60		1176	26		73		1938
RN009149	23/11/77	1	1977	6.8	150	124	19	6				30	57		9	4		70		15
RN009156	22/10/77	6	1977-1980	4.9	30	43	4	2				7	2		8	2		2		13
RN009156	16/10/80			6.5	270	165	34	7				37	80		26	8		98		43
RN009179	16/11/77	5	1977-1980	5.9	29	47	5	3				11	5		6	3		6		10
RN009179	16/10/80			6.3	210	130	24	4				30	49		25	7		60		41
RN009208	28/11/77	4	1977-1980	6.9	140	170	18	7				30	55		11	9		67		18
RN009208	16/10/80			5.5	38	33	4	1				1	7		7	1		8		12
RN009209	8/05/80	2	1980	6.6	200		22	4				26	46		17	6		56		28
RN009209	16/10/80			5.6	39	36	3	1				1	7		7	1		9		12
RN009370	5/08/98	1	1998	8.2	233	140	6	1	24	15	11		131	26	3	4	1	160	0.1	5
RN009371	1/09/78	40	1978-1986	7.5	230		13	1				102	115		7	4		140		12
RN009371	8/12/86				330		19	0.4	40	38			250							
RN009372	2/09/78	27	1978-1983	7.4	220		11	1				98	112		8	5		134		13
RN009372	6/04/83			7.7	390		13	0.3				174	198							
RN009373	4/09/78	66	1978-1986	7.6	460		15	1				241	155		7	11		311		12
RN009373	1/06/86			7.1	576															
RN009374	4/09/78	58	1978-1986	7.3	470		6	1				276	262		7	8		320		12
RN009374	1/06/86			7.0	219															
RN009426	21/08/78	3	1978-1979	7.7	200							98	95		11			116		18
RN009426	4/06/79			6.9	159		3	2				71	64							
RN009427	14/08/78	20	1978-1983	6.5	160							70	52		19			64		31
RN009427	6/04/83			8.2	470		11	0.4				226	263							
RN009428	14/08/78	2	1978	7.6	460							203	233		7			284		12
RN009428	11/09/78			7.6	460		5					203	233							

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RN009430	14/08/78	3	1978-1979	7.3	190							90	89		8			110		13
RN009430	4/06/79			6.9	159		3	2				74	73							
RN009434	11/08/78	2	1978	7.4	530							280	288		17					28
RN009434	11/09/78			7.4	530		11					280	288							
RN009435	8/09/98	1	1998	8.0	124	91	2	1	11	7	5		62	19	5	5	1	76	0.1	8
RN009440	4/06/79	2	1979	7.6	509		20	4				232	250							
RN009440	12/07/79			7.5	494		22	4				244	247							
RN009442	11/08/78	57	1978-1987	7.4	560							298	300		17			366		28
RN009442	1/08/87			7.7	490															
RN009444	12/08/78	56	1978-1987	7.4	530							278	285		17			348		28
RN009444	1/08/87			7.6	424															
RN009451	12/10/78	1	1978	6.5	47	55	6	2				5	15		8	2		18		13
RN009452	9/11/78	6	1978-1988	6.1	46	48	7	2				9	5		11	3		6		18
RN009452	24/10/88			5.2	40	35	5	1				7	2		9	2		3		15
RN009453	4/12/78	7	1978-1996	6.2	48	45	7	2				9	5		12	1		6		20
RN009453	16/10/96			5.7	48	42	5	1	2	1	1		8	15	8	1	1	10	0.1	13
RN009455	14/02/79	18	1979-1994	5.8	60		9	1				6	5		14	2		6		23
RN009455	5/04/94			4.3	77		10	1				4	1		14	6		1		23
RN009578	6/04/79	5	1979-1981	7.6	1300		122	34				404	333		246	14		406		405
RN009578	26/05/81			7.4	700		50	24				159	262		50	10		320		80
RN009579	4/04/79	3	1979	6.4	360		56	3				31	10		99	6		12		163
RN009579	6/04/79			4.2	310		50	1				12			83	3				137
RN009588	1/03/79	2	1979-1988	4.0	25300							3730			10780					17765
RN009588	6/12/88			4.4	170	105	25	1				11	1		46	3		1		76
RN009604	25/04/79	2	1979	4.3	2640		430	27				215			725	145				1194
RN009604	7/05/79			4.4	960		150	8				81			265	50				437
RN009605	30/04/79	1	1979	6.2	12870		2498	95				1318	17		4537	700		21		7477
RN009607	5/04/79	2	1979	4.5	320							38			85					
RN009607	6/04/79			4.2	310		50	1				12			83	3				137
RN009610	10/05/79	4	1979	5.0	66		9	1				9	2		19	1		3		31
RN009610	12/05/79			6.0	80		11	1				17	10		19	1		12		31
RN009629	4/06/79	4	1979-1985	7.1	720							370	360		41			439		
RN009629	5/06/85			7.4	720	450	28	1				343	365		30	13		445		48
RN009671	4/06/79	56	1979-1986	6.9	318		5	0.3				127	128							
RN009671	1/06/86			7.7	113							58	59							
RN009672	4/06/79	58	1979-1986	7.3	406		12	2				205	207							
RN009672	1/06/86			7.0	558							295	208							
RN009673	4/06/79	56	1979-1986	7.5	527		5	1				294	289							
RN009673	1/06/86			7.3	242							133	118							
RN009674	4/06/79	57	1979-1986	7.3	703		22	3				348	315							
RN009674	1/06/86			7.2	653							351	350							
RN009675	4/06/79	57	1979-1986	7.2	461		1	10				244	238							

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RN009675	1/06/86			7.0	502							253	223								
RN009676	4/06/79	78	1979-1987	7.2	360		11	1				179	187								
RN009676	29/01/87				342		9	0.8	8	35			170								
RN009677	4/06/79	65	1979-1987	7.3	389		8	0.8				202	206								
RN009677	1/08/87			7.8	488																
RN009678	4/06/79	66	1979-1986	7.1	379		9	1				190	189								
RN009678	1/06/86			6.5	152																
RN009679	2/11/79	48	1979-1987	7.3	149		13	1				230	244								
RN009679	1/08/87			7.3	652																
RN009680	5/02/85	16	1985-1987	6.8	380		16	0.7	32	22			330								
RN009680	29/01/87				383		18	0.6	37	21			190								
RN009861	26/09/79	10	1979-1986	7.1	300								146		8			178		13	
RN009861	1/05/86			11.6	356		14	3	20	0.7			360								
RN009862	11/06/80	5	1980-1985	11.7	1740		138	84					305		132						218
RN009862	29/10/85			8.5	162		13	9	10	4			80								
RN009863	12/06/80	3	1980-1981	7.6	310	210	22	2					102		30	4		124		49	
RN009863	3/09/81			6.9	88		6	1				29	30		12	1		37		20	
RN009864	6/10/79	7	1979-1987	7.0	210		6	4				89	88		12	7		109		20	
RN009864	29/01/87				147		3	1	11	9			65								
RN009865	10/06/80	18	1980-1987	6.8	120	57	6	4					45		6	2		55		10	
RN009865	30/01/87				104		6	2	4	7			43								
RN009866	2/11/79	2	1979	7.3	510							215	230		18			281		30	
RN009866	2/11/79			7.0	360	200	11	1				159	152		11	12		185		18	
RN009868	6/11/79	2	1979	7.1	480							136	177		27			216		44	
RN009868	7/11/79			7.3	340	190	12	1				151	136		14	13		166		23	
RN009895	16/09/79	1	1979	7.4	860	540	63	2				333	300		107	28		366		178	
RN009983	24/10/79	2	1979	6.0	1700							233	21		454			26		748	
RN009983	24/10/79			6.1	1760	1000	228	4				262	20		492	43		24		811	
RN009985	24/10/79	1	1979	5.8	2130	1170	270	2				316	21		588	50		26		969	
RN020003	30/10/79	1	1979		53900										20580					33916	
RN020005	15/11/79	38	1979-1987	6.8	160								67		9			82		15	
RN020005	28/01/87				35		2	0.07	0.7	1			11								
RN020006	20/11/79	15	1979-1985	7.7	310	240	37	1					134		18	4		163		30	
RN020006	30/10/85			7.3	235		15	1	23	11			220								
RN020007	23/11/79	6	1979-1981	7.9	430							206	217		16			265		26	
RN020007	22/12/81			7.3	470	260	24	2				185	210		14	7		256		21	
RN020120	2/11/79	53	1979-1986	7.4	256		11	0.8				104	122								
RN020120	1/06/86			6.2	564							242	98								
RN020121	2/11/79	53	1979-1986	7.6	424		11	0.4				210	217								
RN020121	1/06/86			7.1	626							313	140								
RN020122	2/11/79	53	1979-1986	7.5	326		6	0.6				160	166								
RN020122	1/06/86			7.1	268							136	138								

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RN020123	2/11/79	53	1979-1986	7.6	392		6	0.6				209	210								
RN020123	1/06/86			7.2	423							231	161								
RN020124	2/11/79	59	1979-1987	7.3	240		14	0.7				94	118								
RN020124	1/09/87			6.9	420																
RN020125	2/11/79	63	1979-1987	7.7	210		14	0.2				78	101								
RN020125	1/09/87			7.1	284																
RN020126	2/11/79	66	1979-1987	7.6	234		10	0.3				97	117								
RN020126	1/09/87			7.0	1129																
RN020127	2/11/79	57	1979-1987	7.7	301		8	0.7				142	151								
RN020127	1/09/87			7.2	458																
RN020128	2/11/79	67	1979-1987	7.7	467		13	0.7				238	214								
RN020128	1/09/87			7.2	460																
RN020129	2/11/79	60	1979-1986	7.3	437		16	0.3				195	200								
RN020129	1/06/86			7.0	582							294	175								
RN020130	2/11/79	53	1979-1986	7.5	277		12	0.4				115	139								
RN020130	1/06/86			7.1	2570							1850	143								
RN020131	28/04/80	50	1980-1986				3	0.1				25	4								
RN020131	1/06/86			6.3	68							18	13								
RN020132	9/02/81	14	1981-1984	6.2	55		3	0.5				51	16								
RN020132	1/02/84			6.7	55		4	0.2				14	15								
RN020133	9/02/81	11	1981-1984	6.1	50		4	0.4				33	20								
RN020133	1/02/84			6.3	40		3	0.4				12	15								
RN020134	22/03/81	11	1981-1984	6.4	72		3	0.2				28	34								
RN020134	1/02/84			6.4	41		2	0.4				17	18								
RN020135	9/02/81	16	1981-1984	6.4	100		3	0.5				50	50								
RN020135	1/02/84			5.4	26		3	0.4				35	35								
RN020136	28/04/80	17	1980-1984				4	0.2				34	20								
RN020136	1/02/84			5.1	95		4	0.5				36	23								
RN020137	9/02/81	19	1981-1987	6.0	150		6	0.6				53	14								
RN020137	1/09/87			6.2	6520																
RN020138	9/02/81	20	1981-1987	5.5	55		4	0.2				17	8								
RN020138	1/09/87			3.5	1868																
RN020139	28/04/80	14	1980-1984				0.2	0.1				16	5								
RN020139	1/02/84			6.5	44		3	0.8				16	18								
RN020140	9/02/81	2	1981-1983	6.9	100		5	0.8				33									
RN020140	6/04/83			6.0	55		3	0.2				16	18								
RN020141	9/02/81	2	1981-1983	6.8	55		2	0.2				27	14								
RN020141	6/04/83			6.3	53		3	0.2				20	18								
RN020142	9/02/81	4	1981-1982	5.7	45		4	0.5				17	13								
RN020142	29/01/82			6.0	65		6	0.1				26	8								
RN020146	25/11/81	52	1981-1987	6.8	140		4	0.8				74	50								
RN020146	28/01/87				437		15	0.5	45	29			240								

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RN020147	25/11/81	37	1981-1986	6.6	410		18	0.4				165	200								
RN020147	1/06/86			7.1	354																
RN020148	15/09/80	26	1980-1983	7.8	648		12	1				382	389								
RN020148	6/04/83			7.7	830		13	1				360	375								
RN020149	7/02/85	7	1985	5.8			2	0.8	2	5											
RN020149	4/12/85			6.7	290		6	1	7	32											
RN020150	7/02/85	8	1985	6.9			11	1	17	53											
RN020150	4/12/85			7.5	590		10	1	16	70											
RN020151	15/09/80	19	1980-1983	7.5	446		8	0.7				217	227								
RN020151	20/09/83						10	1	5	57											
RN020153	15/09/80	21	1980-1982	7.7	396		8	0.4				257	262								
RN020153	5/11/82			7.1	442		10	1				298	298								
RN020155	22/11/79	20	1979-1987	8.6	457		12	0.2		55											
RN020155	28/01/87				177		6	0.6	2	18											
RN020158	4/01/82	14	1982-1983	7.3	580		8	0.9				224	231								
RN020158	2/03/83			7.3	800		20	2				331	350								
RN020303	8/09/81	11	1981-1993	6.2	121	75	17	1				18	8		25	4		10			40
RN020303	26/05/93			4.6	95		13	1				4	1		23	2		1			38
RN020305	16/10/80	5	1980-1992	4.8	170	75	20	1				15	2		37	2		3			61
RN020305	22/04/92			5.2	135		17	2				28	3		35	3		4			58
RN020306	9/09/81	2	1981	6.4	122	70	15	1				18	9		25	4		11			40
RN020306	10/09/81			6.3	121	70	17	1				18	11		25	3		13			40
RN020429	7/11/80	26	1980-1987												9	3		21			
RN020429	29/01/87				247		23	0.4	10	12			96								
RN020430	4/11/80	3	1980-1982												3	4		3			
RN020430	14/05/82			4.9	25	25	2	1					1		6	1		1			10
RN020431	5/09/81	2	1981	6.9	93	60	14	1					37		8	4		45			14
RN020431	22/12/81			6.3	70	75	10	1					22		8	4		27			13
RN020432	5/02/85	5	1985	5.0			2	0.2	0.2	0.1			0.4								
RN020432	30/07/85			4.9	19		2	0.1	0.1	0.1											
RN020433	1/11/80	26	1980-1987												6	2		1			
RN020433	30/01/87				17		1	0.1	0.2	0.3			0.5								
RN020434	5/09/81	4	1981-1985	5.8	16	23	2	1					3		4	1		4			7
RN020434	5/03/85			4.9			2	0.04		0.3					3						
RN020435	6/02/85	10	1985-1987	6.2			7	0.1	2	2			20								
RN020435	28/01/87				544		41	0.6	32	22			57								
RN020436	5/11/80	2	1980-1981												12	8		153			
RN020436	2/09/81			7.8	250	250	22	2					122		10	9		149			16
RN020437	11/11/80	2	1980-1984												3	3		3			
RN020437	3/10/84						4	0.1	1	2			93								
RN020438	8/11/80	2	1980-1981												13	14		363			
RN020438	17/09/81			7.9	500		14	3				277	290		2	21		354			4

Bore	Date	No. of rec.	Period of record	pH	EC μS/cm	TDS (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Calcium soluble (mg/L)	Magnesium soluble (mg/L)	Iron total (mg/L)	Hardness total (mg/L)	Alkalinity total (mg/L)	Silica (mg/L)	Chloride (mg/L)	Sulphate (mg/L)	Nitrate (mg/L)	Bicarbonate (mg/L)	Fluoride (mg/L)	Chloride as NaCl (mg/L)	
RN020439	6/02/85	9	1985-1987	7.2			3		4	25			120			1					
RN020439	28/01/87				610		5	0.4	6	85			400								
RN020441	6/02/85	10	1985-1987	5.4			2	0.1	0.1	1			5								
RN020441	28/01/87				33		3	0.1	0.5	1			5								
RN020471	18/10/80	9	1980-1985	6.6	320	250	12	2					120		20	8		146			33
RN020471	3/12/85			6.8	320		12	2	13	29			300								
RN020472	22/10/80	28	1980-1985	7.0	260	170	15	4					85		18	5		104			30
RN020472	3/12/85			6.7	270		15	3	16	17			220								
RN020473	24/10/80	26	1980-1985	7.5	290	160	5	1					120		13	4		146			21
RN020473	4/12/85			6.6	390		7	2	9	44			330								
RN020474	13/08/81	8	1981-1985	7.2	400	240	9	2					203		4	8		247			6
RN020474	4/12/85			7.4	460		9	2	20	45			440								
RN020475	6/11/80	36	1980-1987	8.1	380	230	9	2					193		14	5		235			24
RN020475	29/01/87				405		8	1	11	41			220								
RN020476	6/02/85	15	1985-1987	7.6			8	1	22	28			180								
RN020476	28/01/87				341		11	1	24	27			190								
RN020477	13/08/81	9	1981-1985	7.1	370	220	10	2					180		12	8		220			18
RN020477	4/12/85			7.2	350		8	1	9	38			340								
RN020478	12/08/81	2	1981-1983	7.1	340	230	10	2					160		14	7		195			22
RN020478	25/08/83						9	2	13	32			210								
RN020479	12/08/81	15	1981-1984	7.0	490	280	10	1					258		2	9		314			4
RN020479	3/10/84						11	1	22	48			220								
RN020556	13/11/80	10	1980-1985	7.5	340		7	1				171	170		10	6		207			16
RN020556	4/12/85			7.1			7	1	9	43			360								
RN020558	13/11/80	26	1980-1985	7.5	340	190	8	1					170		10			207			16
RN020558	4/12/85			7.2	580		13	0.9	43	50			610								
RN020793	1/07/81	1	1981	3.9	9700	6010	1835	70					345		3260	54					5440
RN020875	11/07/81	5	1981	8.1	867	520	99	4					207	133	180	35		162			290
RN020875	8/08/81			7.4	900	430	93	2					211	137	170	31		167			290
RN020889	30/07/81	1	1981	4.5	805	445	99	1					110		230	7					382
RN020890	31/07/81	1	1981	4.2	440	250	55	1					52		118	3					193
RN020906	25/08/81	1	1981	7.7	2640	1500	401	19					344	99	730	110		121			1200
RN020940	31/07/81	3	1981-1989	4.5	540	270	69	1					64		150	1					246
RN020940	28/04/89			4.1	280	135	34	1					37	1	75	2		1			124
RN020945	7/08/81	1	1981	5.9	9650	6370	1035	65					1700	5	3100	303		6			5115
RN020949	26/08/81	1	1981	5.4	100	65	14	1					6	2	26	5		3			41
RN020950	27/08/81	3	1981	5.6	100	65	13	1					7	2	26	2		3			41
RN020950	2/09/81			5.0	100	60	14	1					7	3	25	1		1			40
RN020951	28/08/81	1	1981	5.2	100	70	13	1					8	2	24	3		3			40
RN020954	2/09/81	15	1981-1993	5.0	570	335	73	2					70	2	150	7		3			250
RN020954	26/05/93			4.3	446		57	1					55	1	123	5		1			203
RN020955	3/09/81	11	1981-1993	5.3	450		55	2					60	2	125	5		3			203

Bore	Date	No. of rec.	Period of record	pH	EC μS/cm	TDS (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Calcium soluble (mg/L)	Magnesium soluble (mg/L)	Iron total (mg/L)	Hardness total (mg/L)	Alkalinity total (mg/L)	Silica (mg/L)	Chloride (mg/L)	Sulphate (mg/L)	Nitrate (mg/L)	Bicarbonate (mg/L)	Fluoride (mg/L)	Chloride as NaCl (mg/L)
RN020955	26/05/93			4.7	394		52	1				45	2		108	7		2		178
RN021578	8/10/82	2	1982	7.1	210	140	11	5				80	133		16	4		162		26
RN021578	26/11/82			7.4	250	190	11	3				83	10		16	81		12		26
RN021579	3/11/82	3	1982	7.1	310	210	10	8				132	160		6	6		195		8
RN021579	9/12/82			7.0	300	200	10	6				132	238		4	5		290		8
RN021632	29/07/82	2	1982	3.9	2460	1250	345	7				293	1		680	110		1		1120
RN021632	29/07/82			4.0	2330	1210	330	7				274	1		650	100		1		1070
RN021634	30/07/82	3	1982-1994	6.1	2300	1210	370	14				205	210		620	5		256		1020
RN021634	3/06/94			6.1	2540		399	11				250	32		663	117		39		1090
RN021635	21/09/82	3	1982	4.4	110							9	1		26			1		43
RN021635	22/09/82			4.0	120							5	1		25			1		41
RN021636	22/09/82	4	1982-1988	4.8	172							20	2		39			3		64
RN021636	7/12/88			5.4	285		40	2				31	6		72	14		8		119
RN021779	21/10/94	1	1994	6.6	8000		1430	48		151		891	119	7	2620	418	5	145	0.2	4320
RN022009	17/06/83	1	1983	7.4	420		10	3				199	189		20	8		230		33
RN022131	18/06/83	3	1983	8.1	300		5	2				147	145		10	4		177		16
RN022131	20/06/83			7.8	350		9	3				163	157		20	5		192		31
RN022133	21/06/83	2	1983	8.2	380		8	2					187		14	5		228		21
RN022133	21/06/83			8.0	410		9	2					200		12	6		244		20
RN022178	11/08/83	1	1983	7.0	350	200	20	8				136	144		24	7		176		40
RN022179	11/08/83	1	1983	6.4	50		6	2				13	1		10			1		16
RN022270	13/08/83	1	1983	7.5	210	150	6	3				100	100		12	5		122		18
RN022271	15/08/83	1	1983	4.7	25	15	2	1				3	1		4	1		1		7
RN022272	19/08/83	1	1983	5.9	80	55	5	10				21	22		14	1		26		23
RN022274	22/08/83	1	1983	5.5	30	25	2	3				1	1		6	1		1		10
RN022275	24/08/83	3	1983-1988	6.1	40	30	4	3				7	4		6	1		5		10
RN022275	12/05/88			4.4	15	10	1	1				1	1		2	1		1		3
RN022276	14/09/83	2	1983-1987	7.0	100	80	3	4				45	46		5	1		56		8
RN022276	16/07/87			6.0	25	30	1	1				11	10		1	1		12		2
RN022277	16/09/83	1	1983	6.3	95		4	4				30	34		6	1		41		8
RN022278	20/09/83	3	1983	6.3	40	35	2	2				13	9		4	1		11		5
RN022278	22/09/83			6.0	35	45	2	1				11	11		4	1		14		7
RN022279	23/09/83	1	1983	6.4	50	30	3	2				7	10		6	1		12		8
RN022350	26/09/83	1	1983	4.4	45	18	4	1				3	1		8	1		1		13
RN022351	4/11/83	1	1983	7.0	110	90	5	20				40	51		10	5		62		16
RN022352	13/10/83	21	1983-1994	6.6	50	50	3	2				13	13		10	3		16		15
RN022352	22/10/94			3.1	643		28	1		11	10	55	1	10			1	1	0.1	
RN022355	19/10/83	1	1983	5.4	20	15	2	1				1	1		8	2		1		12
RN022356	20/10/83	1	1983	4.8	25	40	1	1				1	1		4	1		1		7
RN022357	4/11/83	1	1983	4.5	30	30	1	2				3	1		8	1		1		13
RN022358	22/10/83	1	1983	6.7	110	100	6	3				45	37		12	15		45		18
RN022431	24/10/83	1	1983	6.6	120	120	11	8				38	46		12	7		56		20

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RN022432	25/10/83	1	1983	4.7	30	20	2	1				3	1		8	1		1		13
RN022437	19/11/83	1	1983	6.8	190	125	15	7				43	25		34	12		31		56
RN022438	21/11/83	1	1983	5.9	50	30	4	1				12	7		10	1		9		15
RN022504	14/11/83	1	1983	8.1	400	280	77	5				62	185		18	8		226		30
RN022506	15/11/83	1	1983	7.3	390	320	22	3				176	245		10	11		299		15
RN022507	20/11/83	10	1983-1997	7.6	480	310	60	6				142	245		10	7		299		18
RN022507	22/12/97			6.9	444	259	59	8	17	14	0.1		235	22	8	9	1	287	0.4	13
RN022524	24/11/83	12	1983-1994	5.9	350	170	48	5				30	5		86	13		6		142
RN022524	20/10/94			5.9	44		5	1		2	21	11	7	6	9	4	1	8	0.1	15
RN022819	24/07/84	1	1984	5.6	35	35	4	2				7	5		6	1		6		8
RN022899	22/08/84	3	1984-1988	7.4	370	220	27	4				141	178		12	7		217		18
RN022899	17/10/88			7.8	440	270	42	1				166	233		11	10		272		18
RN023015	25/11/81	23	1981-1984	7.7	260		8	0.3				131	105							
RN023015	1/02/84			7.9	104		5	0.8				37	33							
RN023016	25/11/81	22	1981-1984	7.0	190		7	0.1				87	50							
RN023016	1/02/84			7.2	150		4	2				63	58							
RN023019	27/06/86	1	1986	4.7	49		7	0.1	0.1	0.2										
RN023020	30/09/81	37	1981-1986	6.9	380		15	0.3				89	138							
RN023020	1/06/86			7.1	267															
RN023021	30/09/81	53	1981-1987	7.5	560		11	3				145	223							
RN023021	29/01/87				684		12	2	20	74			310							
RN023023	12/05/83	20	1983-1986	7.2	560		13	0.4				309	291							
RN023023	1/06/86			7.5	747							403	285							
RN023024	7/12/83	16	1983-1986	7.0	300		17	3				130	145							
RN023024	1/06/86			7.2	339							146	163							
RN023025	1/08/85	8	1985-1986	7.5	376		7	2				192	200							
RN023025	1/06/86			7.6	364							186	185							
RN023026	12/12/85	2	1985-1986	3.6	2420		9	1				1556								
RN023026	1/06/86			4.7	58							14	1							
RN023027	1/08/85	6	1985-1986	7.5	476		13	0.5				232	240							
RN023027	1/06/86			7.3	269							131	105							
RN023028	12/12/85	2	1985-1986	7.4	125		4	0.9				43	25							
RN023028	1/06/86			8.1	200							63	89							
RN023029	1/08/85	6	1985-1986	7.7	530		13	0.6				267	273							
RN023029	1/06/86			7.6	547							283	279							
RN023030	12/12/85	2	1985-1986	8.0	573		64	0.2				161	244							
RN023030	1/06/86			7.5	200							42	93							
RN023031	1/08/85	6	1985-1986	7.6	385		8	0.7				198	190							
RN023031	1/06/86			7.5	255							128	128							
RN023096	1/08/85	28	1985-1987	7.7	607		11	1				324	258							
RN023096	1/08/87			4.4	567															
RN023097	1/07/86	17	1986-1987	4.1	1361		16	3				418	1							

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RN023097	1/05/87			4.0	1617							471									
RN023108	1/08/85	8	1985-1986	7.4	552		12	3				273	270								
RN023108	1/06/86			7.0	703							390	158								
RN023109	12/12/85	1	1985	6.2	36		3	0.6				8	6								
RN023110	1/06/86	1	1986	7.3	157							42	26								
RN023112	1/06/86	1	1986	8.0	88							10	29								
RN023114	1/06/86	1	1986	8.3	174							62	84								
RN023115	1/08/85	3	1985-1986	7.9	233								100								
RN023115	1/06/86			7.9	242							106	69								
RN023117	1/08/85	2	1985	8.2	1640								686								
RN023117	2/09/85			7.3	4440																
RN023118	1/08/85	3	1985-1986	6.5	704								65								
RN023118	1/06/86			7.5	499							201	83								
RN023119	1/08/85	2	1985	7.8	1660																
RN023119	2/09/85			7.8	1690																
RN023120	1/06/86	1	1986	7.9	149							39	55								
RN023121	26/07/84	1	1984	5.5	20	20	2	1				1	1		2	1		2			3
RN023126	10/08/84	1	1984	5.0	20	25	2	1				4	1		6	2		1			10
RN023128	17/08/84	2	1984	6.0	40	30	5	1				9	7		4	2		9			5
RN023128	23/09/84			5.5	30	20	2	1				9	4		2	1		5			3
RN023142	9/08/85	2	1985	4.2	1510		67	13				484	1		440	8		1			750
RN023142	9/08/85			3.6	4600		136	21				1822	1		1450	20		1			2400
RN023143	12/08/85	1	1985	7.7	1030		99	10				238	125		240	14		153			390
RN023144	13/08/85	1	1985	7.1	1520		160	16				320	45		400	84		55			660
RN023146	15/08/85	1	1985		270		32	1				45	2		31	1		2			50
RN023202	25/08/84	3	1984-1993	5.1	20	30	2	1				7	3		2	1		4			3
RN023202	29/04/93			4.9	22		2	1				1	2		4	1		2			7
RN023207	31/08/84	10	1984-1994	6.5	540	340	72	8				96	53		120	27		64			196
RN023207	10/10/94			6.4	163		20	3		4	1	24	8	21	26	5	1	10	0.1		43
RN023208	11/09/84	1	1984	6.2	40	30	1	1				15	14		4	1		17			7
RN023250	13/09/84	13	1984-1994	5.5	10	10	1	1				1	3		2	1		4			2
RN023250	15/09/94			4.5	27		2	1		1	0.1	1	1	6	4	1	1	1	0.1		7
RN023252	24/09/84	1	1984	5.1	10	5	1	1				1	1		2	1		1			3
RN023253	20/09/84	16	1984-1994	5.7	15	10	1	1				3	1		6	1		1			8
RN023253	9/09/94			4.3	32		2	1		1	0.2	1	1	6	4	7	1	1	0.1		7
RN023401	6/02/85	8	1985	7.0			10	0.4	21	10			110								
RN023401	4/12/85			7.1	270		13	2	23	14			250								
RN023402	6/02/85	8	1985	6.8			52	4	6	3			130								
RN023402	3/12/85			6.8	240		22	0.7	15	9			220								
RN023403	6/02/85	6	1985	6.5			10	0.6		1			29		4						
RN023403	30/10/85			6.8	215		18	2	12	7			200								
RN023404	6/02/85	7	1985				11	0.3	25	15											

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RN023404	4/12/85			7.4	250	13	0.4	20	12				190								
RN023405	21/10/86	1	1986	7.2	457	8	0.9	32	45				480								
RN023406	6/02/85	8	1985	7.1			0.5	25	44				250								
RN023406	4/12/85			7.2	490	10	0.8	27	52				540								
RN023407	6/02/85	8	1985	6.8		2	0.3	4	17				81								
RN023407	4/12/85			7.2	240	5	0.7	8	26				230								
RN023408	6/02/85	6	1985-1986	5.7		2	0.1	0.9	3				10								
RN023408	8/12/86				340	12	1	24	32				190								
RN023409	6/02/85	11	1985-1986			2	0.6	0.5													
RN023409	23/07/86			6.9	255	0.8		8	30				240								
RN023410	15/02/85	6	1985	2.7	12100										15	13100					
RN023410	4/12/85			6.7	50	6	0.2	0.5	3				32								
RN023411	6/02/85	7	1985	5.8		2	0.2	0.2	2				12								
RN023411	4/12/85			6.4	60	3	0.3	0.7	5				34								
RN023412	5/02/85	8	1985	5.2		7	0.2		4				4		19						
RN023412	3/12/85			5.8	97	8	0.1	0.4	6				20								
RN023490	8/11/84	3	1984-1997	5.6	65	45	5	1				12	13		6	1		16		8	
RN023490	16/08/97			5.6	50	43	4	1	10	1	1		11	18	9	1	1	14	0.1	15	
RN023491	7/11/84	3	1984-1997	5.8	40	35	6	1				1	5		10	1		6		16	
RN023491	16/08/97			5.4	43	34	7	1	1	1	0.1		3	11	7	1	5	4	0.1	12	
RN023492	9/11/84	1	1984	6.0	80	50	12	1				7	11		18	1		14		30	
RN023493	15/11/84	1	1984	5.3	70	50	11	1				1	3		16	1		4		26	
RN023816	27/06/85	2	1985	6.8	6700		464	7				2315	95		2150	7		116		3550	
RN023816	27/06/85			6.4	6470																
RN023817	28/06/85	2	1985	4.1	56800							10500			24250						40000
RN023817	28/06/85			3.9	57700							10750			24750						40800
RN023818	9/04/85	1	1985	6.0	360		20	9				94	5		100	1		6		165	
RN023970	11/07/85	1	1985	7.5	260																
RN023971	12/07/85	2	1985	5.9	100		14	1				9	3		26	2		4		44	
RN023971	12/07/85			5.5	4000		487	19				708	5		1200	129		6		2000	
RN023972	16/07/85	2	1985	7.5	960		98	10				213	85		215	53		104		350	
RN023972	16/07/85			7.4	1130		118	18				247	100		250	62		122		420	
RN023973	17/07/85	2	1985	5.8	160		18	1				28	5		30	25		6		48	
RN023973	18/07/85			6.6	50000																
RN023974	18/07/85	1	1985	5.0	145		19	1				11	1		40	4		1		66	
RN023975	19/07/85	2	1985	5.3	110		16	1				9	1		32	3		1		54	
RN023975	19/07/85			4.2	28000							5750			10900					18000	
RN023976	22/07/85	2	1985	6.1	170		23	1				17	5		42	4		6		70	
RN023976	22/07/85			8.6	990		190	7				67	211		160	68		243		265	
RN023977	23/07/85	1	1985	5.6	150																
RN024044	10/12/87	11	1987-1992	5.0	780	410	115	1				105	3		210	35		4		350	
RN024044	27/10/92			4.8	605		79	1				70	2		154	30		3		13	

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RN024060	10/12/87	12	1987-1993	4.6	6820	3680	1080	27				810	1		2000	380		1		3290
RN024060	26/05/93			4.7	5280		858	25				594	2		1580	282		2		2610
RN024066	26/08/85	1	1985	4.9	190		20	4				30	2		52	4		2		86
RN024475	16/07/86	11	1986-1994	6.6	95		7	1				20	17		10	11		21		15
RN024475	5/04/94			4.7	63		9	1				4	1		13	6		1		21
RN024477	18/07/86	2	1986	6.6	95		11	1				17	12		20	4		15		33
RN024477	12/09/86			5.0	90		13	1				4	2		22	3		3		36
RN024478	22/07/86	2	1986	6.6	165		11	3				42	22		26	12		27		43
RN024478	19/09/86			4.4	70		9	1				1	1		14	5		1		21
RN024915	4/04/87	2	1987	5.3	60	40	7	1				5	5		10	1		6		20
RN024915	4/04/87			5.3	60	40	7	1				4	5		10	1		5		20
RN024916	15/04/87	2	1987-1988	7.8	275	140	13	2				74	67		25	11		81		41
RN024916	12/05/88			5.5	100	60	11	1				17	11		19	4		14		31
RN024917	15/06/87	1	1987	5.8	150	225	23	2				9	14		7	38		17		12
RN024918	18/06/87	4	1987-1995	6.4	2500	1130	292	7				272	45		572	81		55		943
RN024918	26/10/95			6.3	1283		159	5		20	0.3	175	57	6	329	74	1	70	0.1	542
RN025054	10/12/86	1	1986		380		20	0.6	35	25			170							
RN025055	1/06/86	19	1986-1987	5.8	58		4	0.5				7	23							
RN025055	1/04/87			4.1	3060							1156								
RN025056	1/06/86	22	1986-1987	6.4	61		3	0.5				13	20							
RN025056	1/05/87			4.0	771							177								
RN025057	1/06/86	20	1986-1987	5.5	20		3	0.1				3	5							
RN025057	19/03/87				5.0	3890														
RN025058	1/06/86	12	1986-1987	6.0	27		4	0.1				2	11							
RN025058	1/01/87			5.5	28							2	8							
RN025059	1/07/86	11	1986-1987	5.5	12		1	0.1				1	3							
RN025059	1/01/87			5.4	7450							2210	13							
RN025062	1/06/86	20	1986-1987	5.9	18		3	0.1				1	5							
RN025062	1/06/87			5.0	344															
RN025063	1/06/86	20	1986-1987	6.1	15		3	0.1				1	6							
RN025063	1/06/87			4.8	9880															
RN025064	1/06/86	22	1986-1987	5.5	15		2	0.1				3	4							
RN025064	1/08/87			4.3	7730															
RN025066	1/06/86	1	1986	5.6	32		2	0.4				9	9							
RN025067	1/07/86	11	1986-1987	5.2	22		1	0.1				5	3							
RN025067	1/01/87			5.2	51							12	5							
RN025068	1/06/86	21	1986-1987	5.5	27		2	0.1				5	8							
RN025068	1/08/87			5.1	28															
RN025069	1/06/86	21	1986-1987	5.6	25		4	0.1				4	8							
RN025069	1/08/87			5.3	2230															
RN025074	4/10/84	2	1984	5.8			18	0.2	86	79			5							
RN025074	23/10/84			5.7	1911		16	0.4	58	43			2							

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RN025075	4/10/84	2	1984	5.7			50	8	410	220			5								
RN025075	23/10/84			5.7	4558		89	15	470	290			4								
RN025076	4/10/84	2	1984	6.0			28	0.8	51	52			6								
RN025076	23/10/84			6.3	2369		55	2	84	220			13								
RN025077	4/10/84	2	1984	6.0			27	0.8	21	20			5								
RN025077	23/10/84			6.3	633		37	0.8	45	32			12								
RN025136	27/07/72	7	1972-1980	6.4	69	54	8	1				9	12		11	5		15		18	
RN025136	22/04/80			5.9	73	40	6	1				11	2		9	4		3		15	
RN025176	30/06/87	1	1987	6.4	50	30	6	2				4	5		9	2		6		15	
RN025177	2/07/87	1	1987	6.3	45	40	5	2				4	5		8	2		6		13	
RN025178	13/07/87	1	1987	5.5	45	35	7	1				3	1		8	3		1		13	
RN025191	22/07/87	1	1987	5.8	40	25	5	2				7	3		11	1		3		18	
RN025192	21/07/87	5	1987	5.1	45	40	6	2				4	1		13	1		1		21	
RN025192	27/07/87			6.1	40	40	5	2				8	8		6	4		8		10	
RN025193	29/07/87	2	1987	5.7	50	35	6	2				4	3		13	1		3		21	
RN025193	2/09/87			5.1	45	30	5	1				7	3		10	1		4		16	
RN025194	10/08/87	3	1987	6.0	45	40	5	3				7	4		11	4		5		18	
RN025194	26/08/87			5.6	40	35	4	2				4	5		7	1		6		12	
RN025195	28/08/87	4	1987-1996	6.2	35	25	4	2				7	5		9	1		6		15	
RN025195	16/10/96			7.7	36	49	4	2	1	1	0.1		7	13	6	1	1	8	0.1	10	
RN025196	3/09/87	1	1987	6.3	5010		845	6				534	10		1568	145		12		2584	
RN025197	3/09/87	3	1987	6.8	190	120	28	1				18	15		46	2		18		76	
RN025197	22/09/87			5.2	830	460	144	1				65	4		248	25		5		409	
RN025282	8/09/87	2	1987	6.4	230	130	28	2				32	15		53	6		18		87	
RN025282	10/10/87			5.6	215	120	27	1				24	7		50	4		9		82	
RN025424	11/05/88	1	1988	4.5	100	70	16	1				4	1		27	4		1		44	
RN025429	11/05/88	1	1988	5.1	95	55	15	1				7	2		28	2		2		46	
RN025730	12/05/88	1	1988	4.7	110	70	18	1				7	1		35	2		1		58	
RN025731	12/05/88	1	1988	5.3	50	40	6	1				7	1		13	4		1		21	
RN025733	13/05/88	1	1988	4.4	2030	1085	290	5				245	1		574	93		1		946	
RN025734	13/05/88	1	1988	4.9	6070	3690	985	28				641	1		1931	307		1		3182	
RN025735	14/05/88	1	1988	5.4	200	105	23	1				33	1		45	20		1		74	
RN025736	14/05/88	1	1988	5.4	200	120	23	1				33	1		47	19		1		77	
RN025737	16/05/88	2	1988	5.0	225	130	26	1				37	1		51	22		1		84	
RN025737	2/07/88			5.2	225	120	25	1				38	5		47	22		5		77	
RN025740	17/05/88	1	1988	4.8	750	415	106	2				85	1		190	56		1		313	
RN025741	17/05/88	1	1988	4.3	295	161	42	1				29	1		82	9		1		135	
RN025742	17/05/88	1	1988	4.4	245	150	34	1				21	1		66	10		1		109	
RN025743	18/05/88	1	1988	4.3	295	150	36	1				37	1		83	3		1		137	
RN025744	7/06/88	1	1988	4.1	285	130	35	1				34	1		78	1		1		129	
RN025746	19/05/88	9	1988-1993	4.8	265	145	39	1				26	1		78	3		1		129	
RN025746	26/05/93			4.2	308		42	1				23	1		81	6		1		133	

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RN025748	6/07/88	4	1988-1991	4.5	475	225	62	1				59	1		121	30		1		199
RN025748	2/05/91			4.5	335	170	44	1				39	1		79	24		1		131
RN025749	11/06/88	2	1988-1992	5.6	285	160	33	1				46	7		61	26		8		101
RN025749	22/04/92			4.8	255		29	1				38	1		56	24		2		92
RN025750	15/06/88	1	1988	4.9	110	70	15	1				11	2		24	6		2		40
RN025751	21/05/88	2	1988	5.8	100	70	16	1				7	2		26	6		3		43
RN025751	18/06/88			4.4	105	65	15	1				7	1		25	1		1		41
RN025752	21/05/88	3	1988-1993	5.4	265	140	30	1				39	2		63	19		3		104
RN025752	26/05/93			4.2	461		56	1				59	1		118	23		1		194
RN025820	31/08/88	1	1988	3.9	16320							2400	1		5445			1		8973
RN025821	3/09/88	1	1988	3.8	12290	6810	1958	21				1368	1		3960	338		1		6526
RN025822	6/09/88	1	1988	4.9	13760							1400	3		4257			4		7016
RN025823	7/09/88	1	1988	6.2	865	455	129	1				74	23		238	13		28		392
RN025825	14/09/88	2	1988	7.2	455	255	24	1				171	131		59	9		159		97
RN025825	7/10/88			7.6	460	265	25	1				174	130		67	9		158		110
RN025826	26/09/88	2	1988-1990	7.3	490	280	39	1				155	124		75	13		151		124
RN025826	1/10/90				535		41	1							107	20				176
RN025828	12/10/88	3	1988	10.8	1145	670	47	5				288	117		273	51		143		450
RN025828	12/10/88			7.8	550	300	50	1				163	117		95	23		143		157
RN025829	29/09/88	1	1988	7.4	520	290	45	1				166	123		79	24		150		130
RN025950	12/09/88	1	1988	4.7	205	115	27	1				21	1		57	2		1		94
RN025951	13/09/88	2	1988	6.8	105	70	12	1				19	7		27	1		9		44
RN025951	24/09/88			4.6	225	120	28	1				24	1		61	14		1		101
RN025952	22/11/88	1	1988	6.9	130	80	5	2				49	46		4	8		57		7
RN025953	26/09/88	2	1988	8.0	395	255	63	7				59	124		35	29		151		58
RN025953	26/11/88			7.3	405	250	62	6				54	123		32	28		150		53
RN025954	29/09/88	2	1988	6.6	20	35	2	1				5	5		5	1		6		8
RN025954	29/11/88			5.1	25	30	2	1				7	4		5	1		4		8
RN025958	4/11/88	1	1988	5.8	15		2	1				5	3		6	1		3		10
RN026000	30/09/88	2	1988	7.8	385	220	20	1				155	136		28	22		166		46
RN026000	11/10/88			8.0	375	210	22	1				138	118		35	18		144		58
RN026001	12/10/88	1	1988	8.1	1010	560	77	7				297	43		289	38		52		476
RN026002	3/10/88	2	1988	7.4	390	215	22	1				148	127		34	24		155		56
RN026002	10/10/88			8.1	400	230	24	1				150	123		41	22		150		68
RN026003	7/10/88	2	1988-1990	7.5	230	145	6	1				106	89		11	11		109		18
RN026003	1/10/90				215		4	1							8	11				13
RN026004	12/10/88	1	1988	7.1	330	190	14	1				129	95		33	7		116		54
RN026005	5/10/88	1	1988	7.5	185	115	4	1				84	71		11	3		87		18
RN026006	12/10/88	1	1988	7.2	305	180	10	1				129	110		25	9		134		41
RN026007	10/10/88	2	1988-1990	7.3	190	115	5	1				86	73		11	3		89		18
RN026007	1/10/90				150		5	1							6	4				10
RN026008	11/10/88	1	1988	7.3	185	110	4	1				88	79		6	7		96		10

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RN026009	12/10/88	1	1988	7.4	175	110	4	1				84	71		7	6		87		12
RN026090	13/10/88	2	1988-1991	7.6	955	530	106	2				241	164		208	17		200		343
RN026090	11/01/91			7.3	450	240	34	2				151	151		42	12		184		69
RN026170	23/11/88	2	1988	7.9	270	175	12	6				99	102		18	9		124		30
RN026170	24/11/88			5.1	35	35	3	1				7	4		4	1		5		7
RN026171	25/11/88	1	1988	6.9	45	50	4	1				18	14		7	2		18		12
RN026757	16/05/90	1	1990	5.6	50	45	4	1				10	13		8	1		16		13
RN026758	18/05/90	1	1990	4.8	55	45	4	1				1	2		13	1		2		21
RN026759	21/05/90	1	1990	5.1	45	50	7	1				1	3		12	1		4		20
RN026828	20/07/00	1	2000	7.7	635	350	8	2	66	46	0.1		354	25	9	14	1	432	0.1	15
RN026969	8/01/91	1	1991	4.4	60	45	9	1				1	1		16	1		1		26
RN026970	8/01/91	1	1991	4.8	60	45	10	1				1	1		15	1		1		25
RN026972	8/01/91	1	1991	4.3	65	40	9	1				1	1		15	1		1		25
RN027062	3/09/90	2	1990	7.0	135	90	7	9				41	42		10	5		52		16
RN027062	27/09/90			6.1	135	95	7	8				40	45		14	3		55		23
RN027063	5/09/90	2	1990	8.1	290	175	6	9				130	132		9	13		161		15
RN027063	30/09/90			7.8	290	170	6	8				130	133		8	13		162		13
RN027065	11/09/90	2	1990	6.3	25	25	3	1				7	6		6	1		7		10
RN027065	4/10/90			5.1	30	30	3	1				4	3		5	2		3		8
RN027134	8/11/91	1	1991	4.7	55		7	1				1	1		13	1		1		21
RN027594	29/08/91	2	1991	7.6	570	355	15	1				292	300		16	12		366		26
RN027594	30/08/91			7.8	605	352	6	3				335	336		9	12		410		15
RN027595	21/09/91	5	1991-1997	7.7	585		9	3				328	322		4	12		393		7
RN027595	22/12/97			7.3	615	345	5	2	59	41	0.7		352	24	4	14	1	429	0.1	7
RN027596	7/09/91	1	1991	7.3	530		47	10				200	269		11	10		328		18
RN027597	10/09/91	1	1991	8.3	465		51	10				189	273		18	9		333		30
RN027810	18/09/91	4	1991-1997	7.3	635		13	3				346	348		8	12		424		13
RN027810	22/12/97			8.3	601	345	9	3	55	40	0.3		356	24	5	13	1	434	0.1	8
RN027811	25/09/91	1	1991	7.7	630		9	3				357	343		7	10		418		12
RN027814	26/09/91	1	1991	7.8	545		7	4				303	294		6	10		358		10
RN027910	7/11/91	1	1991	4.0	6030		997	48				701	1		1950	81		1		3214
RN028156	12/08/92	2	1992	6.9	111		6	5				36	30		13	4		36		21
RN028156	21/08/92			5.6	70		5	2				21	14		10	3		17		16
RN028158	7/08/92	3	1992	7.0	157		4	11				55	60		10	5		73		16
RN028158	24/08/92			6.0	115		5	6				34	31		10	4		38		16
RN028224	1/08/92	2	1992-2000	7.9	214		9	4				88	80		8	16		97		13
RN028224	20/07/00			6.5	156	83	6	1	11	8	4		73	16	6	6	1	89	0.2	10
RN028275	26/08/92	2	1992	6.0	410		63	3				32	7		118	8		8		194
RN028275	3/09/92			6.3	400		57	2				36	11		100	5		13		165
RN028281	2/09/92	1	1992	5.6	395		54	2				36	10		100	5		12		165
RN028283	7/09/92	2	1992	6.4	50		3	2				14	9		9	1		11		15
RN028283	9/09/92			5.2	37		3	1				7	6		9	1		7		14

Bore	Date	No. of rec.	Period of record	pH	EC μS/cm	TDS (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Calcium soluble (mg/L)	Magnesium soluble (mg/L)	Iron total (mg/L)	Hardness total (mg/L)	Alkalinity total (mg/L)	Silica (mg/L)	Chloride (mg/L)	Sulphate (mg/L)	Nitrate (mg/L)	Bicarbonate (mg/L)	Fluoride (mg/L)	Chloride as NaCl (mg/L)
RN028287	16/09/92	2	1992	6.5	52		5	2				12	12		8	3		15		13
RN028287	18/09/92			4.9	31		3	1				7	3		8	1		3		13
RN028411	5/12/92	3	1992-1997	7.8	621		8	3				355	340		9	15		415		15
RN028411	22/12/97			6.8	722	420	7	3	71	50	0.1		415	33	8	16	1	506	0.4	13
RN028412	6/12/92	3	1992-1997	7.7	760		16	7				417	287		21	108		350		35
RN028412	22/12/97			6.9	710	402	7	2	67	50	3		408	34	9	17	1	497	0.3	15
RN029181	25/11/93	1	1993	6.2	58		8	1				7	5		16	2		6		226
RN029183	21/11/93	1	1993	7.9	219		7	9				102	106		8	6		129		13
RN029299	5/09/94	1	1994	6.5	224		10	1		15	0.1	99	116	104	5	9	1	141	0.1	8
RN029508	14/10/94	1	1994	6.9	1475		237	7		23	1	172	142	23	390	10	1	173	0.2	643
RN029641	3/10/94	2	1994	5.3	21		2	1		1	0.2	1	2	12	4	1	1	3	0.1	7
RN029641	7/10/94			5.2	22		2	1		1	0.2	7	2	11	8	2	1	3	0.1	13
RN029643	10/10/94	1	1994	5.3	15		2	1		1	0.5	1	3	10	5	2	1	4	0.1	8
RN029645	25/10/94	3	1994-2000	5.5	660		104	3		7		46	5	42	192	4	1	6	0.1	316
RN029645	3/10/00			3.7	1355	759	197	1	3	13	0.7		0	44	381	1	1	0	0.2	628
RN029647	28/10/98	1	1998	7.6	3110	2070	329	36	183	98			189	23	610	607	25	230	2.2	1005
RN029649	19/11/94	1	1994	4.7	309		45	1		6	0.1	30	2	60	87	3	1	3	0.1	143
RN029682	22/11/94	1	1994	7.3	542		43	2		25	0.4	200	276	45	17	10	1	336	0.6	28
RN029749	26/09/94	2	1994-1997	5.9	56		7	1		1	0.2	7	8	13	11	3	1	10	0.1	18
RN029749	16/08/97			5.6	39	40	4	1	5	0.5	0.9		4	14	9	1	1	5	0.1	15
RN029750	24/09/94	2	1994-1996	7.1	221		4	12		14		93	98	21	8	7	1	120	0.3	13
RN029750	9/05/96			6.5	214		4	10		14	3	100	96	23	6	10	1	117	0.3	10
RN030361	18/10/97	1	1997	6.6	403	208	42	7	26	9			155	13	30	16	1	189	0.7	49
RN030366	13/11/97	1	1997	5.6	28	27	4	1	1	1	0.9		2	16	4	3	1	3	0.1	7
RN030367	14/11/97	1	1997	6.0	240	165	14	3	14	11			77	48	28	6	1	94	0.1	46
RN030368	16/11/97	1	1997	6.3	240	145	3	9	19	14	4		118	23	6	5	1	144	0.2	10
RN030370	18/11/97	1	1997	5.2	32	32	4	1	1	1	2		2	14	5	1	1	3	0.1	8
RN030371	20/11/97	1	1997	6.1	2220	1400	189	5	160	37	3		93	14	660	37	1	113	0.1	1088
RN032440	5/11/99	1	1999	9.1	499	294	70	12	28	6			212	25	32	27	1	208	0.5	53
RN032444	10/11/99	1	1999	5.2	49	61	7	1	1	1	0.1		4	27	9	1	1	5	0.1	15
RN032445	11/11/99	1	1999	5.7	50	57	7	1	2	1	0.1		11	26	7	1	1	13	0.1	12
RN032755	27/10/00	1	2000	5.3	318	222	44	1	1	4	0.1		6	56	86	4	1	7	0.1	142
RN032756	30/10/00	1	2000	8.0	491	266	109	2	4	1	0.5		197	18	40	11	1	240	0.8	66

## **Table 7**

### **Surface Water Gauging Stations in operation**

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
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### 821 East Alligator River Basin

G8210007	Magela Creek At Upstream Bowerbird Waterhole	288319	8586022	11/11/1977	open
G8210010	East Alligator River At 12 Deg 43 Min South	319164	8593776	03/11/1971	open
G8210016	Cooper Creek At Mt. Borradaile	279478	8663835	24/11/1979	open
G8210024	Cooper Creek At Downstream Nabarlek	319538	8640466	14/12/1977	open

## **Table 8**

**Recorded minimum flow at gauging stations with a continuous flow record**

Gauging Station number	River Name English name Aboriginal name	Easting	Northing	Period of record	Minimum flow recorded (Cumecs)
G8200046	Deaf Adder Creek at Coljon	284971	8550956	22.8.72 – 18.01.94	Ceases to flow
G8210001	Cooper Creek at Nimbuwah	320152	8652006	5.10.66 – 4.8.93	Dries out
G8210007	Magela Creek at upstream bowerbird waterhole	288319	8586022	11.11.77 – open	.002
G8210008	Magela Creek at Bowerbird Waterhole	288460	8587314	5.11.71 – 21.7.1980	0.012
G8210010	East Alligator River at 12deg 43 min south	319037	8593612	3.11.71 - open	0.076
G8210011	Tin Camp Creek at downstream Myra falls	313414	8623077	15.11.71 – 12.5.82	0.040
G8210015	East Alligator River at Upstream Cahills crossing	278969	8624679	21.8.72 – 5.8.93	Ceases to flow
G8210016	Cooper Creek at Mt. Borradaile	279351	8663672	24.11.79 - open	Ceases to flow
G8210024	Cooper Creek at Downstream Nabarlek	319411	8640303	14.12.77 - open	Perennial pool
G8210025	East Alligator River at Upstream Confluence	269761	8643050	30.11.77 – 10.2.80	Ceases to flow
G8210028	Magela Creek at Arnhem Border Site	280857	8595186	13.12.78 – 28.10.93	Tidal
G8210037	Cooper Creek at Rainbow Flat	326021	8636062	21.11.79 – 4.9.85	Dries out
G8210039	East Alligator River at Turkey Dreaming	271575	8643064	23.11.79 – 10.8.93	Tidal
G8210051	Buffalo Creek at the rocks	319400	8640000	10.1.85 – 3.7.90	Dries out
G8210100	East Alligator at second gorge	297210	8608216	9.6.66 – 2.10.73	Ceases to flow
G8210226	East Alligator Plains at Oenpelli Mission	286137	8635797	16.10.64 – 28.9.73	Dries out
G8211079	Kadjirikamaarnda Creek at upstream sewage ponds (Gadjarrigamanda)	317040	8641400	9.10.87 – 28.7.92	Flood plain
G8220001	Aurari Bay Tide Gauge at Marligur Creek	309283	8702336	16.11.78 – 2.12.86	Dries out
G8220217	Goomadeer River at P.L. Tree d/s gorge	344177	8630634	5.10.66 – 26.3.80	Tidal
G8230002	Maragulidban Creek at Maningrida road crossing	396668	8647458	16.10.68 – 6.11.86	Ceases to flow
G8230208	Mann River at Long Bend	404018	8617991	2.10.65 – 7.11.86	Perennial pool
G8230237	Liverpool River at downstream Cuthbertson Falls	378677	8614208	2.10.65 – 22.10.86	Ceases to flow
G8230258	Gudjarama Creek at Maningrida	423824	8662286	5.10.66 – 28.9.81	Perennial pool
G8240001	Cadell River at the Gunyahs	436576	8636512	14.10.67 – 8.11.86	.001
G8240002	Blyth River at Mululu district	467397	8623662	20.10.67 – 8.11.86	Ceases to flow
G9030003	Wilton River at Bulman Waterhole	435226	8484714	1.9.67 – 22.6.78	perennial pool

## **Table 9**

### **Surface Water sites**

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
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## 814 Daly River Basin

### Water quality sites

G8145372	Snowdrop Creek @ Cameco road crossing	323467	8500499	20/10/1999	
G8145378	Katherine River West Branch at road crossing	303512	8516551	07/09/2000	
G8145379	Katherine River West Branch headwaters - end of road	293188	8518353	08/09/2000	
G8145380	Katherine River East Branch at road crossing	311286	8515956	08/09/2000	
G8145400	Katherine River @ D/S Gimbat Faultline	303980	8516165	27/10/1999	

## 820 South Alligator River Basin

### Gauging stations with a continuous height record and flow measurements

G8200046	Deaf adder Creek At coljon	284971	8550956	22/08/1972	18/01/1994
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## 821 East Alligator River Basin

### Gauging stations with a continuous height record (most have flow measurements)

G8210001	Cooper Creek At Nimbuwah ("c")	320279	8652169	05/10/1966	04/08/1993
G8210007	Magela Creek At Upstream Bowerbird Waterhole	288319	8586022	11/11/1977	open
G8210008	Magela Creek At Bowerbird Waterhole	288460	8587314	05/11/1971	21/07/1980
G8210010	East Alligator River At 12 Deg 43 Min South	319164	8593776	03/11/1971	open
G8210011	Tin Camp Creek At Downstream Myra Falls	313541	8623240	15/11/1971	12/05/1982
G8210015	East Alligator River At Upstream Cahills Crossing	278969	8624679	21/08/1972	05/08/1993
G8210016	Cooper Creek At Mt. Borradaile	279478	8663835	24/11/1979	open
G8210024	Cooper Creek At Downstream Nabarlek	319538	8640466	14/12/1977	open
G8210025	East Alligator River At Upstream Confluence	269888	8643213	30/11/1977	10/02/1980
G8210028	Magela Creek At Arnhem Border Site	280857	8595186	13/12/1978	28/10/1993
G8210037	Cooper Creek At Rainbow Flat	326148	8636225	21/11/1979	04/09/1985

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
G8210039	East Alligator River At Turkey Dreaming	271702	8643227	23/11/1979	10/08/1993
G8210051	Buffalo Creek At The Rocks	319527	8640163	10/01/1985	03/07/1990
G8210100	East Alligator River At Second Gorge	297337	8608380	09/06/1966	02/10/1973
G8210226	East Alligator Plains At Oenpelli Mission	286264	8635960	16/10/1964	28/09/1973
G8211079	Kadjirrikamarnda Creek At Upstream Sewage Ponds	317167	8641563	09/10/1987	28/07/1992

Sites at which river flow has been measured & sites with a short continuous height record

G8210036	Magela Creek At Opposite Boserbird Waterhole	288000	8586000	04/10/1978	13/06/1980
G8210040	East Alligator River At Barrumundi Dreaming	266963	8646264	02/12/1979	24/10/1984
G8210043	Cooper Creek At Downstream Dam	316901	8636477	23/08/1980	16/02/1982
G8210044	Birraduk Creek At Upstream Cooper Creek Junction	302895	8661524	20/01/1984	18/07/1984
G8210045	Smith Creek At Upstream Cooper Creek Junction	320948	8646643	07/03/1984	11/04/1986
G8210046	Nimbuwah Creek At Upstream Cooper Creek Junction	320277	8651863	25/01/1984	04/06/1987
G8210047	Birraduk Creek At Camp Pleasant	307417	8659065	05/12/1984	03/12/1986
G8210048	Cooper Creek At Crocodile Pond	268577	8665203	06/12/1984	15/07/1987
G8210049	Cooper Creek At Intrusion Point	264297	8666743	05/12/1984	23/04/1985
G8210052	Kadjirrikamarnda At U/s Road Crossing	318837	8645123	15/01/1985	14/05/1986
G8210054	Cooper Ck (Sites 1a & 1b) At 0.2km D/s Buffalo Ck Conf.	319227	8640973	22/03/1984	19/02/1986
G8210056	Cooper Creek [site 3a] At 0.3km D/s Gs8210024	319317	8640973	23/03/1984	19/02/1986
G8210057	Cooper Creek [site 4a] At 4km D/s Gs8210024	319387	8644853	03/02/1984	11/04/1986
G8210058	Cooper Creek [site 5a] At 9.5km D/s Gs8210024	314037	8660033	23/02/1984	11/04/1986
G8210059	Cooper Creek [site 6a] At 18.5km D/s Gs8210024	314037	8660033	20/03/1984	20/03/1984
G8210060	Cooper Creek [site 7a] At 2km U/s Murganella Rd Xing	319367	8648723	09/03/1984	06/06/1985
G8210061	Cooper Creek [site 8a] At 3.5km D/s Murganella	300587	8663163	16/03/1984	19/01/1985
G8210064	Cooper Creek Billabong 3b At U/s Gove Road	319927	8650663	06/12/1984	04/03/1986
G8210065	Cooper Creek Billabong 4a At Near Nibuwah	318877	8654473	05/12/1984	26/09/1985
G8210066	Cooper Creek Billabong 1a At U/s Gs8210024	319407	8640983	30/04/1985	30/04/1985
G8210074	Cooper Creek At Dead Tree Plains	265237	8668813	15/01/1986	14/07/1987
G8210075	Willis Springs Creek At 3km East Cooper Ck. Crossing	323477	8650463	09/04/1987	15/09/1989
G8210076	Cooper Creek At Gove Road Crossing	320227	8650863	04/06/1987	04/06/1987
G8210082	Cooper Creek At Section 0b	319687	8640833	30/01/1986	19/02/1986
G8210083	Cooper Creek At Murganella Road Xing	302467	8661783	15/05/1984	15/05/1984
G8210084	Cooper Creek At Gove Road	319617	8650883	15/05/1984	15/05/1984

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
G8210085	Cooper Creek At West Arm @ Gauges	316247	8637083	25/02/1985	25/02/1985
G8210086	Cooper Creek At Section 0c	319687	8640943	01/02/1986	19/02/1986
G8210091	Buffalo Creek At Site 2	319027	8638853	04/02/1981	16/02/1982
G8210094	Caramel Creek at ORE BODY	321827	8617263	13/01/1989	06/02/1990
G8210095	Caramel Creek At Sandfly Reach	321127	8617663	13/01/1989	06/02/1990

Tide level recorders

G8210003	Mt. Norris Bay Tide Gauge At Coombe Point	258127	8733162	09/01/1969	09/01/1969
G8210096	POPHAM CREEK NORTHERN END	811753	8751789	10/08/1994	11/10/1994
G8210097	POPHAM CREEK MIDDLE REACH	812140	8750986	10/08/1994	11/10/1994
G8210098	POPHAM CREEK SOUTHERN REACH	812220	8749878	09/08/1994	11/10/1994

Water quality sites, some have river flow measured

G8211005	Cooper Creek At Flood Plain (South Edge)	268737	8665463		
G8211006	Cooper Creek At Estuary (East)	261197	8670813		
G8211008	Cooper Creek At Flood Plain (N.east Arm)	267867	8669943		
G8211009	Cooper Creek At Flood Plain (S. East Edge)	269717	8665653		
G8211010	Cooper Creek At Flood Plain (East Edge)	269787	8655973		
G8211011	Cooper Creek At West Of Cooper Lagoon	272297	8664903		
G8211012	Cooper Creek At Cooper Lagoon	273207	8664443		
G8211060	Cooper Creek At Billabong D	317837	8637763		
G8211061	Cooper Creek At West Arm [upstream Narbalek]	318107	8637683		
G8211062	Cooper Creek At Stream Section 2	317907	8637673		
G8211063	Queensland Mine [nabarlek] At Monitoring Weir 4	316127	8640303		
G8211064	Queensland Mine [narbalek] At Soil Conservation Flume	317867	8639593		
G8211065	Queensland Mine [narbalek] At Silt Trap 1	317727	8638863		
G8211066	Queensland Mine [narbalek] At Silt Trap 2	316627	8639863		
G8211067	Queensland Mine [narbalek] At Evaporation Pond 1	317367	8639163		
G8211068	Queensland Mine [narbalek] At Evaporation Pond 2	317237	8639453		
G8211069	Queensland Mine [nabarlek] At Plant Runoff Pond	317907	8639163		
G8211070	Queensland Mine [nabarlek] At Stockpile Runoff Pond	317257	8639423		
G8211071	Queensland Mine [nabarlek] At Pit	317607	8638483		

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
G8211072	Queensland Mine [nabarlek] At Pit Water Clarifier	317827	8639133		
G8211073	Queensland Mine [nabarlek] At Airport Drain	317067	8639033		
G8211074	Kadjirrikamarnda Creek At Downstream Sewage Ponds	317247	8641663		
G8211078	Queensland Mine [nabarlek] At Silt Trap 3	317777	8637863		
G8211081	Buffalo Creek At Stream Section 1	317877	8639593		
G8211082	Cooper Creek At Billabong A	319677	8640863		
G8211083	Kadjirrikamarnda Creek At Adjacent Sp29	316467	8640393		
G8211084	Kadjirrikamarnda Creek At Nabarlek Site R1	316767	8640093		
G8211085	Kadjirrikamarnda Creek At Nabarlek Site R2	315627	8639603		
G8211091	Queensland Mine [narbalek] At Ab. Camp Water Supply	314127	8638163		
G8211092	Queensland Mine [narbalek] At Admin. Water Supply	317827	8639263		
G8211093	Queensland Mine [narbalek] At Swimming Pool	317327	8640663		
G8211094	Queensland Mine [nabarlek] At Calciner Stack	317727	8639163		
G8211095	Queensland Mine [nabarlek] At Waste Rock Runoff Pond	317627	8637963		
G8211096	Queensland Mine [nabarlek]	318127	8637683		
G8211097	Queensland Mine [narbalek] At E.p. Spill Drain	316777	8639143		
G8211098	Queensland Mine [nabarlek] At Pond Sub-drain East	317077	8639013		
G8211099	Queensland Mine [nabarlek] At Pond Sub-drain South	316577	8639663		
G8211100	Queensland Mine [nabarlek] At Pond Sub-drain North	316727	8639163		
G8211101	Kadjirrikamarnda Creek At 100m D/s East Arm Confluence	316197	8640563		
G8211102	Kadjirrikamarnda Creek At Downstream Confluence	319527	8645513		
G8211103	Kadjirrikamarnda Creek At Road Crossing	319327	8645263		
G8211109	Kadjirrikamarnda Creek At Costean 20m U/s Sp29	316452	8640363		
G8211126	Queensland Mine (Nabarlek) At Mararia Pond No.1	318127	8640163		
G8211127	Cooper Creek At U/s Kadjirrikamarnda (Conflu)	319427	8645363		
G8211129	Smith Creek At Cooper Confluence	319727	8646763		
G8215001	Green Island Billabong	186328	8718153		
G8215002	Wauk Lagoon At Murganella Forest	274127	8722963		
G8215003	Fish Creek At Gunbalanya	291927	8627063		
G8215004	Gunbalanya (Oenpelli) At Spring 1	289127	8629263		
G8215005	Gunbalanya (Oenpelli) At Spring 2	291427	8628763		
G8215007	East Alligator River At Point 2	280327	8633163		
G8215008	East Alligator River At Point 3	272727	8640763		
G8215009	East Alligator River At Point 4	269627	8644063		
G8215010	East Alligator River At Point 5	268827	8644063		

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
G8215011	East Alligator River At Point 6	266727	8646563		
G8215012	East Alligator River At Point 7	264027	8648163		
G8215013	East Alligator River At Point 8	260127	8648263		
G8215014	East Alligator River At Point 9	260127	8650363		
G8215015	East Alligator River At Point 10	258227	8648463		
G8215016	East Alligator River At Point 11	258727	8653763		
G8215017	East Alligator River At Point 12	255027	8657063		
G8215018	East Alligator River At Point 13	249527	8656463		
G8215019	East Alligator River At Point 14	247727	8660963		
G8215020	East Alligator River At Point 15	245527	8659563		
G8215021	East Alligator River At Point 16	237528	8663263		
G8215022	East Alligator River At Point 17	235628	8667163		
G8215023	Point A	309227	8530964		
G8215024	Point B	315027	8536964		
G8215025	Point C	319827	8541664		
G8215026	Point D	324027	8547564		
G8215027	Point E	326227	8556664		
G8215028	Point F	328327	8561564		
G8215029	Point G	328927	8567964		
G8215030	Point H	328027	8575964		
G8215031	Point I	323327	8580864		
G8215032	Point J	323027	8588664		
G8215033	Point K	319427	8592864		
G8215034	Point L	315027	8596964		
G8215035	Point M	307827	8599664		
G8215036	Point N	302327	8603964		
G8215038	Point P	288827	8615463		
G8215040	Point R	280127	8633663		
G8215041	Point S	279627	8629663		
G8215042	Point T	277527	8636963		
G8215043	Point U	276427	8638963		
G8215044	Point V	274527	8641763		
G8215045	Point W	268627	8644563		
G8215046	Cyanide Valley At Spring	289127	8629263		
G8215047	Coopers Creek At Pt. 1	247527	8661363		

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
G8215048	Coopers Creek At Pt. 2	246927	8667563		
G8215049	Coopers Creek	251427	8668763		
G8215050	Coopers Creek At Pt. 4	255627	8668863		
G8215051	Coopers Creek At Pt. 5	259627	8671863		
G8215052	Coopers Creek At Pt. 6	261527	8669363		
G8215053	Coopers Creek At Pt. 7	268827	8665563		
G8215054	Coopers Creek At Pt. 8	269927	8664463		
G8215055	Coopers Creek At Pt. 9	273827	8666563		
G8215056	Coopers Creek At Pt. 10	276627	8667463		
G8215057	Coopers Creek At Pt. 11	279627	8663563		
G8215058	Coopers Creek At Pt. 12	288927	8661663		
G8215059	Coopers Creek At Pt. 13	299727	8662363		
G8215060	Coopers Creek At Pt. 14	309127	8662563		
G8215061	Coopers Creek At Pt. 15	314327	8660563		
G8215062	Coopers Creek At Pt. 17	319627	8646563		
G8215063	Coopers Creek At Pt. 18	319227	8638363		
G8215064	Coopers Creek At Pt. A1	319727	8646663		
G8215065	Coopers Creek At Pt. A2	326327	8645863		
G8215066	Coopers Creek At Pt. B1	320327	8638463		
G8215067	Coopers Creek At Pt. B2	320927	8631863		
G8215068	Coopers Creek At Pt. Ba1	324627	8637663		
G8215069	Coopers Creek At Pt. E (Lagoon)	272427	8664963		
G8215070	Coopers Creek At Pt. F	279727	8663663		
G8215071	Crocodile Creek At Greenhill Island	186028	8718063		
G8215072	Lagoon At Black Point	188318	8765812		
G8215075	Slto 4 At Nabarlek	316747	8640043		
G8215076	Silt Trap-stockpile Runoff At Nabarlek	317427	8639233		
G8215079	Myra Falls	319327	8623163		
G8215080	Well At Araru Point O/stn	188128	8765542		
G8215082	Well At Ucex Prospect Camp	288227	8661363		
G8215086	MURGANELLA ROAD CROSSING COOPER CREEK	276117	8667913		
G8215087	MANINGRIDA ROAD CROSSING COOPER CREEK	320127	8650783		
G8215088	WELL=MARIAH	213928	8756962		
G8215089	GULGUL (DANGER POINT)	208898	8770362		
G8215090	L/L TANK MINJILANG	234402	8766702		

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
G8215092	TOWN TANK OENPELLI	290227	8634443		
G8215093	DRILLERS DAM=COOPER CREEK	319417	8637373		
G8215094	COOPER CREEK=NQ1 SITE	313347	8636353		
G8215095	COOPER CREEK=NARBALEK	319962	8639907		
G8215135	Yankie Creek @ Near Annesley Point	262770	8733784	3/10/00	
G8215136	Murgenella Creek Tributary	282064	8710745	7/10/00	
G8215137	Wa Wu-i Billabong	289583	8719554	10/10/00	
G8215138	Nadidgibigi	175141	8743424		
G8215139	Warlarli Creek	177715	8739424	30/07/01	
G8215140	Waddi - tree swamp near Ommaridge	811300	8753300	26/07/01	
G8215141	Soak and tree swamp near Ommaridge	812170	8752296	26/07/01	
G8215142	Creek SE of Trepang Bay	822855	8751491	26/07/01	
G8215143	Wugarbu Bugar Bugarn Arlabuyngu at Waterfall	825050	8750300	26/07/01	
G8215144	Wugarbu Bugar Burarn Arlabuyngu 500 m u/s waterfall	825200	8749750	26/07/01	
G8215145	Bluewater	826250	8747400	26/07/01	
G8215146	Arrangga	822400	8748400	27/07/01	
G8215147	Creek west of Alaru Creek	173704	8751583	27/07/01	
G8215148	Alaru Creek	176738	8749442	28/07/01	
G8215149	Alaru Creek near headwaters	177116	8747966	28/07/01	
G8215150	Nadidgibigi	175899	8744281	30/07/01	
G8215151	Nadidgibigi - upstream of mangroves	173659	8742418	30/07/01	
G8215152	Creek south of Nadidgibigi	174992	8739460	30/07/01	
G8215153	Walkwuringigaligali at headwaters	181837	8740087	31/07/01	
G8215154	Walkwuringigaligali	180787	8739158	31/07/01	
G8215155	Creek SE of Walkwuringigaligali	181910	8736605	31/07/01	
G8215156	Earl River - Wumallabidj	182413	8744302	1/08/01	
G8215157	Bigbellymore - Wamiye	184378	8743939	1/08/01	
G8215158	King River	184403	8742185	1/08/01	
G8215159	Creek draining to West Bay	190987	8733953	2/08/01	
G8215160	Mungijahl creek	200507	8742622	2/08/01	
G8215161	Tree swamp south of Adbanae	824560	8755140	26/07/01	
G8215162	Creek 5km south of Coral Bay	176800	8755100	28/07/01	
G8215163	Alaru Creek upstream mangroves	172456	8756103	28/07/01	

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
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## 822 Goomadeer River Basin

### Gauging stations with a continuous height record and flow measurements

G8220217	Goomadeer River At P. L. Tree D/s Gorge	344304	8630797	05/10/1966	26/03/1980
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### Tide level recorders

G8220001	Aurari Bay Tide Gauge At Marligur Creek	309410	8702499	16/11/1978	02/12/1986
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### Water quality sites, some have river flow measured

G8225000	Goomadeer Station At Waterhole At Road Crossing	359027	8657863		
G8225001	Manggabor Creek At Rock Pool	359027	8657863		
G8225002	Muralidbar Creek At Waterhole (Spring Source)	378626	8640063		
G8225003	Marligur Creek At Dip	303327	8694163		
G8225004	Creek Supply At Mamadawere O/s Gunbalunya	354327	8644563		
G8225006	H/L TANK WARRUWI	326127	8715863		
G8225007	Angularli Creek @ Road Crossing	297900	8694600	22/10/1999	
G8225008	Mammadawerre Creek @ Water Supply Pump Station	353300	8644700	28/10/1999	
G8225009	Mandillbareng Creek @ West Arnhamland	346561	8642122	29/10/1999	
G8225010	Marbun Creek @ Marbun	348132	8646181	29/10/1999	
G8225011	Goomadeer River @ Gurrujmuk	352260	8642136	30/10/1999	
G8225012	Goomadeer River @ 3Km d/s old gauging station G8220217	346692	8635266	01/11/1999	
G8225013	Jungle River @ Upstream Paperbark Scrub	350141	8669204	03/11/1999	
G8225014	Jungle Creek @ Downstream Arnhem Road	342300	8656500	03/11/1999	
G8225015	Angulari Creek @ Upstream Mangroves Swamp	302504	8699936	04/11/1999	
G8225016	Marligur Creek @ Near Track	304291	8695259	04/11/1999	
G8225017	Angulari Creek @ Upstream Road Crossing	297200	8693800	22/10/1999	
G8225018	Spring Creek @ Gudjekbeinj	368911	8644032	22/09/2000	
G8225019	Marligur Creek @ Downstream Road crossing	300900	8690200	26/09/2000	

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
G8225020	King River @ Saltspot	326250	8679100	20/10/99	
G8225021	Angulari Creek @ 6km u/s road crossing	295300	8688200	21/10/99	
G8225022	Goomadeer River @ 5Km D/S Gorge	347400	8636800	1/11/99	
G8225023	Mandillbareng Creek @ spring	345570	8642938	29/10/99	
G8225024	Madabai area North tributary In Goomadeer Catchment	341869	8643099	29/10/99	
G8225025	Madabai area South Tributary in Goomadeer Catchment	341869	8643099	29/10/99	
G8225026	Marbun Creek @ Spring	341800	8647700	29/10/99	
G8225027	Gamajbuk Billabong off Goomadeer River	357600	8668500	31/10/99	
G8225028	Gudjekbeinj @ Creek wellsite	368696	8644219	22/09/00	
G8225029	Freshwater swamp @ coast around Sandy Creek	307574	8701456	28/09/00	
G8225030	Jungle Creek (2)	343387	8658762	6/10/01	
G8225031	Jungle Creek (3)	345536	8662512	6/10/01	
G8225032	Jungle Creek tributary	349762	8672371	6/10/01	
G8225033	Jungle Creek (4)	347021	8665825	6/10/01	
G8225034	Goomadeer river Maningrida road crossing	357510	8659369	11/10/01	
G8225035	Nungbalgarri creek at road crossing	379983	8659918	11/10/01	
G8225036	Gudjabi	344922	8647295	18/10/01	
G8225037	Igarum	401626	8669963	12/10/01	

## 823 Liverpool River Basin

### Gauging stations with a continuous height record and flow measurements

G8230002	Maragulidban Creek At Maningrida Road Crossing	396794	8647621	16/10/1968	06/11/1986
G8230208	Mann River At Long Bend	404144	8618155	02/10/1965	07/11/1986
G8230237	Liverpool River At Downstream Cuthbertson Falls	378803	8614372	02/10/1965	22/10/1986
G8230258	Gudjarama Creek At Maningrida	423950	8662449	05/10/1966	28/09/1981

### Sites at which river flow has been measured

G8230001	Leper Hole Springs At Maningrida	416226	8663763	05/10/1966	12/05/1967
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STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
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Water quality sites, some have river flow measured

G8230501	INLET RAW [POND 1A] MANINGRIDA	418126	8669163		
G8230502	Pond 1 (B) At Maningrida Sewage	418126	8669163		
G8230503	Pond 2 (A) At Maningrida Sewage	418126	8669163		
G8230504	OUTLET PRIMARY [2B] MANINGRIDA	418126	8669163		
G8230505	Pond 3 (A) At Maningrida Sewage	418126	8669163		
G8230506	Pond 3 (B) At Maningrida Sewage	418126	8669163		
G8235000	Liverpool River At Pool	399926	8628363		
G8235001	Maningrida At Spring	415826	8657163		
G8235002	Mann River At Billabong	406026	8624864		
G8235003	Mann River At Waterhole	363127	8539564		
G8235004	MANN R. @ WATERHOLE	374227	8546864		
G8235006	Liverpool River At Spring	358627	8590464		
G8235007	Liverpool River At Waterhole	368527	8590364		
G8235008	Liverpool River At Spring	370927	8587164		
G8235009	Liverpool River At Large Waterhole	360627	8573964		
G8235010	Liverpool River At Spring	381826	8603364		
G8235011	Liverpool River At Waterhole	375027	8597864		
G8235012	Chester Creek At Billabong Near Road Crossing	382126	8602764		
G8235013	Mann River At Waterhole	386726	8581964		
G8235014	Mann River At Rapids	390626	8586064		
G8235015	Mann River At Billabong	401326	8599764		
G8235016	Mann River At Large Waterhole	391626	8598164		
G8235017	Mann River At Point D14 (Spring)	396326	8585664		
G8235018	Mann River At Large Waterhole	398226	8575164		
G8235019	Mann River At Waterfalls	394026	8569164		
G8235020	Liverpool River At Point D1	403426	8634463		
G8235021	Liverpool River At Point D2	402926	8639663		
G8235022	Liverpool River At Point D3	406026	8653063		
G8235023	Liverpool River At Point D4	403326	8645163		
G8235024	Liverpool River At Point D5	404726	8655563		
G8235025	Liverpool River At Point D6	410626	8660863		
G8235026	Liverpool River At Point D7	410826	8666163		

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
G8235027	Tomkinson River At Point D8	416326	8655463		
G8235028	Gudjerama Creek At Point D10	424626	8662963		
G8235029	Anamayirra Creek At Point D9	431126	8658363		
G8235031	Liverpool River At Point D13	389826	8608964		
G8235032	Mann River At Mumeka Out Station	405826	8632963		
G8235033	Billabong At Kababalli Out Station	408026	8629363		
G8235034	Billabong At Ngankorlord	420426	8610764		
G8235035	Billabong At Kuruldu Out Station	415526	8610664		
G8235036	Billabong At Kerrkakanarrbeyena Out Stn.	420726	8674663		
G8235037	Guyuyu Creek At Malyanganak	408326	8587164		
G8235038	ROAD CROSSING TO MANINGRIDA MANN RIVER	405626	8633213		
G8235039	L/L TANK MANINGRIDA	417226	8664953		
G8235040	Mann River @ Cameco Camp	336427	8526414	20/10/1999	
G8235041	Mann River upper Trib @ Cameco rd crossing	328650	8519432	20/10/1999	
G8235042	Mann River at 6km downstream Cameco Camp	341875	8529500	09/09/2000	
G8235043	Noni	374650	8588849	24/10/01	
G8235044	Kurruguki	382178	8602818	25/10/01	
G8235045	liverpool River tributary 5 km upstream Havelock Falls	371431	8592512	25/10/01	
G8235046	Liverpool River 5 km upstream Havelock Falls	371431	8592363	25/10/01	

## 824 Blyth River Basin

### Gauging stations with a continuous height record and flow measurements

G8240001	Cadell River At The Gunyahs	436702	8636675	14/10/1967	08/11/1986
G8240002	Blyth River At Mululu District	467523	8623826	20/10/1967	08/11/1986

### Sites at which river flow has been measured

G8240003	Cadell River At Gardens	441426	8651163	04/11/1972	04/11/1972
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STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
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Water quality sites, some have river flow measured

G8245001	Cadell River At Point D11	437826	8644363		
G8245002	Cadell River At Point D12	434826	8644963		
G8245003	Billabong At Bulagadura Out Station	436526	8629164		
G8245004	Billabong At Borikdjam	433026	8631063		
G8245005	Stream Supply At Galerri O/stn	476626	8638553		
G8245006	Well At Gupanga	454126	8665913		
G8245008	Stream At Galawdjapin	461326	8641613		
G8245010	GARRALALA MAYANG EAST OF MALNYANGANAK	478628	8602596		
G8245011	GARRALALA FURTHER U/S	480125	8604367		
G8245012	FLYD RIVER BURRUNATHA FISHING SPOT	474499	8591821		
G8245013	DERRERROE ON GUYUYU CREEK /FLYD RIVER	474026	8584164		
G8245014	GELIRRI CREEK SOUTH OF HOMELAND	480045	8636136		
G8245015	GELIRRI CREEK AT ROAD CROSSING	479249	8638110		
G8245016	GATJI CREEK NEAR GATJI	480434	8643240		
G8245017	WATERHOLE ON CREEK STH OF GATJI	480426	8642763		
G8245018	FLYD RIVER AT INTAKE TO WATER SUPPLY	475300	8601077		
G8245019	JIBALBAL STREAM MUNDKURBA	458622	8640554		
G8245020	JERRMA GORNIRRA (POOL)	462280	8641335		
G8245021	YOYO CREEK UPPER RARIGABURU CREEK	481901	8615219		
G8245022	GUYUYU CK SOUTH OF DERRERROE	471468	8579714		
G8245023	GUYUYA CK SOUTH OF DERRERRE AT RAPIDS	472490	8582245		
G8245024	BLYTH RIVER AT ROAD CROSSING.	467168	8627549		
G8245025	Imminbar Creek tributary	445594	8602429	11/08/01	
G8245026	Imminbar Creek	440845	8595711	11/08/01	
G8245027	Imminbar Creek	452933	8605772	13/08/01	
G8245028	Blyth river at confluence Guyuyu Creek	475272	8611101	14/08/01	
G8245029	Imminbar Creek Dhumbu area	470087	8619282	14/08/01	
G8245030	Blyth river upstream confluence Saddlers Creek	463655	8585956	15/08/01	
G8245031	Saddlers Creek Babaldarr	463655	8585956	15/08/01	
G8245032	Guyuyu Creek tributary near confluence Blyth River	475428	8611271	16/08/01	
G8245033	Guyuyu Creek at confluence Blyth River	475271	8611349	16/08/01	

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
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## 825 Goyder River Basin

### Water quality sites

G8255028	SPRING WESTERN ESCARPMENT ARAFURA SWAMP	481512	8602539		
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## 903 Roper River Basin

### Gauging stations with a continuous height record and flow measurements

G9030003	Wilton River At Bulman Waterhole	435226	8484715	01/09/1967	22/06/1978
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### Sites at which river flow has been measured

G9030005	Mainoru River At The Craters	379127	8462165		
G9030251	Lindsay Spring At Off Bulman Road	411891	8472559		
G9030269	TOP SPRINGS APX5KM EAST MAINORURDXING GOVE RD	389649	8456596		

### Water quality sites, some have river flow measured

G9035006	Mainoru Station At Lindsay Spring	413426	8472165		
G9035018	Mt. Catt Spring	440116	8473065		
G9035019	Weemol Spring	425276	8491969		
G9035094	Bulman Station At Wiamuna Hot Springs	426126	8489665		
G9035113	Mainoru River At GOVE RD Crossing	388251	8457301		
G9035142	WILTON R. XING EAST ARNHEM H/WAY	431593	8492925		
G9035145	LITTLE SPRING 6KM NW OF WEEMOL	420478	8496210		
G9035148	BODEIDEI SPRING AT TOURIST CAMP NEAR WEEMOL	418376	8498414		
G9035154	WEEMOL CK GOVE RD XING U/S SIDE OF XING	431195	8490027	31/10/1999	
G9035156	Waterhouse upper tributary @ cameco rd crossing	318872	8469102	20/10/1999	

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE
G9035159	Waterhouse headwater tributary @ cameco rd crossing	316684	8457100	20/10/1999	
G9035161	Wilton River at Momob crossing	420626	8523914	20/07/2000	
G9035162	Mt Catt Srping, 50 m downstream pump intake	435349	8473278	28/06/01	
G9035163	Lindsay Spring	414157	8471768	28/06/01	
G9035164	Jasper Creek	449153	8492784	29/06/01	
G9035165	Motorbike creek	444800	8494270	29/06/01	
G9035166	Gunberrin	435773	8493420	29/06/01	
G9035167	Stream to Monsterhole, Galparran	408185	8509236	30/06/01	
G9035168	Main tributary to Gopulyul swamp	404773	8520239	1/07/01	
G9035169	Tributary to Gopulyul swamp (secondary)	404773	8520239	1/07/01	
G9035170	Jimjimrulk near Mt Jean	413757	8503173	2/07/01	
G9035171	Tributary to Gopulyul swamp (at 1km north)	408199	8522808	2/07/01	
G9035172	Wilton river (west branch) at Dalangar	407500	8524500	2/07/01	
G9035173	Wilton tributary north of Bulman Gorge	406947	8527682	2/07/01	
G9035174	Jimjimrulk, west of Mt Jean	410340	8503829	2/07/01	
G9035175	Klik-klik-murra North west Mt Jean	401048	8510686	2/07/01	
G9035176	Wilton River downstream Bulman waterhole	432956	8486105	3/07/01	
G9035177	Wilton River about 6km west of Momob	416004	8525581	3/07/01	
G9035178	Malibor Spring creek	427910	8474533	4/10/01	
G9035179	Klik-klik-murra creek near Galparran	408242	8508516	5/10/01	
G9035180	Klik-klik-murra	400050	8511165	5/10/01	
G9035181	Wilton River - crossing from Momob	413715	8530295	6/10/01	
G9035182	Moluliplip	404805	8527485	7/10/01	
G9035183	Midnight Spring area 500 m north Barralkmarra swamp	446723	8483552	8/10/01	
G9035184	Barrulkmarra (Midnight spring)	446732	8482336	8/10/01	
G9035185	Motorbike spring area Jasper Creek	448340	8492561	8/10/01	
G9035186	Wilton river at Gove rd crossing	431763	8490641	9/10/01	
G9035187	Bluewater billabong, Mobarn	430230	8498580	9/10/01	
G9035188	motorbike spring @ 25md/s of confluence North spring	448244	8492043	8/10/01	
G9035189	MT JEAN SPRING @ u/s new buffaloe camp	405106	8499810	5/10/01	

## **Table 10**

### **Chemistry of Surface Water sites**

Station	Date	No. of rec.	Period of record	pH	EC μS/cm	TDS (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Calcium soluble (mg/L)	Magnesium soluble (mg/L)	Iron total (mg/L)	Hardness total (mg/L)	Alkalinity total (mg/L)	Silica (mg/L)	Chloride (mg/L)	Sulphate (mg/L)	Nitrate (mg/L)	Bicarbonate (mg/L)	Fluoride (mg/L)	Chloride as NaCl (mg/L)
G8145211	14/07/82	1	1982	5.8	23	17	2	1				7	6		6	1		7		10
G8145372	20/10/99	2	1999-2000	5.9	33	41	4	1	6	1	0.6		7	18	5	3	1	8	0.1	8
G8145372	12/09/00			8.8	72	60	3	1	10	1	0.7		46	15	6	6	1	38	0.1	10
G8145378	7/09/00	1	2000	5.5	23	14	3	1	1	1	0.1		0.8	11	7	8	1	1	0.1	12
G8145379	8/09/00	1	2000	5.0	28	18	3	1	2	1	0.4			9	7	11	1	0	0.1	12
G8145380	8/09/00	1	2000	5.5	14	13	2	1	1	1	0.4		0.8	14	4	12	1	1	0.1	7
G8205045	6/09/99	1	1999	6.3	18	15	1	1	1	1	0.3		6	6	2	1	1	7	0.1	3
G8210001	3/08/71	89	1971-1995	6.2	31	38	2	1				7	12		4	2		15		7
G8210001	5/10/95			6.4	57								21					25		
G8210010	8/01/72	32	1972-1979	6.1	13	19	2	1				3	6		2	2		7		
G8210010	24/10/79			6.7	36															
G8210011	19/06/71	36	1971-1976	5.7	19	24	1	1				2	2		4	2		2		
G8210011	11/12/76			6.5	56	42	5	1				17	21		6	6		26		10
G8210016	13/07/72	67	1972-1995	6.3	43	35	2	1				9	11		7	2		13		12
G8210016	16/11/95			6.0	55								11					14		
G8210024	19/06/71	294	1971-1996	6.5	57	37	1	1				7	28		5	2		34		9
G8210024	20/08/96			7.0	24		2	1			3	7	9	11	4	1	1	11	0.1	7
G8210051	28/04/80	69	1980-1987				0.2	0.1				5	4							
G8210051	8/04/87			6.4	29		2	0.1	1	1			9							
G8210052	17/03/86	8	1986	5.7	25															
G8210052	27/05/86				20															
G8210058	20/11/86	7	1986-1987	5.9	180		3	1	2	2			1							
G8210058	20/03/87			6.9	46															
G8210064	30/04/85	25	1985	5.9	31															
G8210064	30/04/85			5.8	29															
G8210065	1/05/85	26	1985-1995	6.1	25															
G8210065	1/05/95			6.0	22															
G8210066	18/08/72	43	1972-1986	6.1	22		2	1		1	0.1	9	7	6	5	2	1	9	0.4	8
G8210066	27/05/86				17															
G8210100	27/07/71	14	1971-1973	6.6	25	19	2	1				7	8		3	2		10		
G8210100	30/09/73			6.4	33	17	3	1				7	12		4	2		15		7
G8210226	24/08/83	2	1983	5.9	100	65	11	3				16	6		24	1		8		38
G8210226	24/08/83			5.9	100	55	11	3				16	6		24	1		7		38
G8211006	28/05/84	3	1984-1986		12000															
G8211006	10/03/86			7.9	510															

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G8211008	28/05/84	6	1984-1986		103		13	1	2	3			17								
G8211008	10/03/86			4.9	50																
G8211009	28/05/84	5	1984-1986		102		11	1	4	4			15								
G8211009	10/03/86				22																
G8211010	28/05/84	6	1984-1986		50		6	1	2	2			14								
G8211010	10/03/86			5.0	20																
G8211011	23/05/84	7	1984-1986		41		4	0.5	2	2			18								
G8211011	10/03/86			5.0	21																
G8211012	28/05/84	3	1984		31		4	1		0.6			5								
G8211012	27/09/84				210																
G8211060	2/11/79	60	1979-1987	6.2	50		4	1				11	10								
G8211060	14/05/87			6.5	72																
G8211061	10/02/80	88	1980-1987				1	0.1				31									
G8211061	1/09/87			6.4	28		2	0.3				8	6								
G8211062	26/01/81	8	1981-1985	6.1	20		0.9	0.7				10	8								
G8211062	15/01/85						3	1	8	6											
G8211063	26/01/81	17	1981-1987	5.9	15		1	0.4				4	8								
G8211063	23/07/87			4.8	83																
G8211064	21/02/83	2	1983-1984		40		5	0.6	2	0.6			14								
G8211064	21/03/84			7.3	146		4	0.5	18	7			80								
G8211065	19/03/80	34	1980-1986				13	4				17									
G8211065	1/05/86			5.9	564		6	3				166	3								
G8211066	27/12/80	31	1980-1987		55		2	0.6				51									
G8211066	12/02/87			6.6	25		2	1	0.7	1			9								
G8211067	14/05/80	90	1980-1987				0.2	0.1				14	93								
G8211067	1/09/87			7.3	15050		64	83				3400	50								
G8211068	14/05/80	96	1980-1987				2	0.2				33	14								
G8211068	1/09/87			5.3	12280		108	73				3551	5								
G8211069	14/05/80	85	1980-1987				29	5				396									
G8211069	1/09/87			7.4	1977		69	17				1190	20								
G8211070	14/05/80	97	1980-1987				4	2				55	43								
G8211070	1/09/87			7.4	9800		44	52				2914	41								
G8211071	14/05/80	67	1980-1986				5	0.7				377	90								
G8211071	3/03/86			7.2	2990		13	9				925	28								
G8211073	23/10/84	2	1984-1985		2369																
G8211073	15/01/85				660		8	15	40	27											

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G8211074	17/03/86	5	1986		34																
G8211074	23/04/86				26																
G8211078	2/11/83	28	1983-1987	6.9	64		4	1				24	13								
G8211078	1/01/87			7.4	76		3	2				28	28								
G8211079	15/07/86	37	1986-1987	6.2	18		3	0.1	0.1	0.5			5								
G8211079	23/07/87			3.7	113																
G8211081	26/01/81	16	1981-1986	5.7	14		0.6	0.7				41	5								
G8211081	3/03/86			6.9	92		3	0.7				35	35								
G8211082	9/08/80	98	1980-1986	5.9	26		2	0.1				1	2								
G8211082	1/06/86			5.7	15		2	0.6				2	4								
G8211083	12/11/86	11	1986-1987	4.8	660																
G8211083	1/09/87			4.6	2090																
G8211084	13/02/87	3	1987	6.4	36																
G8211084	20/03/87			6.0	54																
G8211085	13/02/87	3	1987	5.8																	
G8211085	20/03/87			6.4	1310																
G8211091	11/09/78	35	1978-1984	6.5	160		12					70	52								
G8211091	1/02/84			6.1	145		4	2				64	53								
G8211092	9/08/80	35	1980-1984	7.5	440		8	3				232	230								
G8211092	1/02/84			7.5	515		11	1				258	268								
G8211093	21/06/80	12	1980-1981	8.2	785		60	0.5				251	176								
G8211093	26/08/81			8.2	1050		61	1				381	113								
G8211094	11/04/82	29	1982-1984				0.1	0.1													
G8211094	29/03/84						0.1	0.1													
G8211095	14/05/80	29	1980-1983				3	0.3				26									
G8211095	3/10/83			7.8	94		5	2				38	16								
G8211096	26/01/81	12	1981-1984	5.9	18		0.6	1				7	3								
G8211096	20/02/84				18		1	0.3	0.6	1			7								
G8211097	4/01/82	24	1982-1986	7.8			3	2				34	36								
G8211097	2/04/86			6.5	39		0.3	1				13	8								
G8211098	4/01/82	10	1982-1983	7.3			8	0.5				36	31								
G8211098	12/05/83			6.6	150		8	1				69	54								
G8211099	22/03/81	10	1981-1983	7.3	277		9	0.4				142	136								
G8211099	12/05/83			6.5	125		5	0.4				49	41								
G8211100	22/03/81	12	1981-1983	6.9	137		8	0.4				56	51								
G8211100	7/06/83			6.8	335		15	0.7				122	113								
G8211101	26/02/87	1	1987	5.7	287																

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G8211102	17/03/86	12	1986-1987	5.7	26																
G8211102	20/03/87			6.0	67																
G8215001	9/08/86	2	1986	5.8	2110	1210	284	7				271	5		550	155		6			905
G8215001	9/08/86			3.8	2060	1150	290	8				213	1		570	104		1			938
G8215002	6/09/63	10	1963-1977	5.4	53							2	4		30						
G8215002	31/03/77			4.7	38							2	1		12			1			20
G8215003	23/03/66	11	1966-1987	7.1	18	10	2	1				3	6		8			4			
G8215003	16/07/87			6.4	20	20	1	1				4	6		1	2		7			2
G8215004	12/07/75	2	1975	4.9	26	30	2	1				3	5		7	2		6			12
G8215004	17/10/75			6.7	77	63	3	2				16	10		16	2		12			27
G8215005	14/09/54	2	1954-1967		526		50	54				264			250	17		86			
G8215005	11/07/67			3.7	2861	1133	200	8				1100			1040	5					
G8215007	2/06/76	5	1976-1978	7.3	360							90	80		53			97			87
G8215007	7/06/78			8.5	195							50	55		26			61			43
G8215008	2/06/76	5	1976-1978	7.4	1100							170	98		245			120			404
G8215008	7/06/78			8.3	2330							250	80		660			98			1090
G8215009	2/06/76	5	1976-1978	7.4	3190							390	112		912			136			1503
G8215009	7/06/78			7.7	9150							1050	95		2970			119			4900
G8215010	2/06/76	5	1976-1978	7.4	6500							740	109		2037			133			3357
G8215010	7/06/78			7.9	17570							2100	100		6040			122			9950
G8215011	2/06/76	5	1976-1978	7.3	7190							900	108		2571			132			4237
G8215011	7/06/78			7.6	19160							2300	103		7030			125			11580
G8215012	18/10/76	4	1976-1978	7.5	39580							5400	116		16464			142			27133
G8215012	7/06/78			7.7	20060							2400	105		7130			128			11750
G8215013	2/06/76	6	1976-1978	7.4	10440							1140	104		3395			127			5595
G8215013	7/06/78			7.8	23200							2800	105		8420						13870
G8215014	18/10/76	4	1976-1978	7.7	40890							5600	117		17248			143			28425
G8215014	7/06/78			7.8	23800							3100	105		8510			128			14030
G8215015	2/06/76	5	1976-1978	7.4	16240							1800	112		5238			137			8632
G8215015	7/06/78			7.7	27000							3200	107		9850			131			16230
G8215016	2/06/76	5	1976-1978	7.4	21950							2500	107		7372			131			12149
G8215016	7/06/78			7.7	29600							3600	107		10890			131			17950
G8215017	2/06/76	5	1976-1978	7.4	28900							3300	115		9894			140			16305
G8215017	7/06/78			7.8	36500							5600	110		13860			134			22840
G8215018	2/06/76	5	1976-1978	7.5	35810							4100	112		12368			134			20382
G8215018	7/06/78			8.0	42100							5400	115		16240			140			26760
G8215019	2/06/76	5	1976-1978	7.2	37387							4700	133		13095			162			21581

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G8215019	7/06/78			8.2	43400							5600	115		17030			140		28060
G8215020	3/06/76	5	1976-1978	7.0	35730							4500	103		12610			126		20781
G8215020	7/06/78			8.1	43900							5600	117		17420			143		28720
G8215021	2/06/76	5	1976-1978	7.3	38650							4900	104		14065			127		23179
G8215021	7/06/78			8.2	45500							6000	120		18510			146		30510
G8215022	2/06/76	3	1976-1977	7.6	42990							5600	104		15520			127		25577
G8215022	18/05/77			8.2	50600							5600	110		16860			134		27785
G8215023	26/05/82	1	1982	5.5	15	25	1	1				1	2		6	1		3		10
G8215024	26/05/82	1	1982	5.6	12	24	1	1				1	3		4	1		4		6
G8215025	26/05/82	1	1982	5.6	13	21	1	1				1	3		4	1		4		8
G8215026	26/05/82	1	1982	5.8	13	17	1	1				1	3		4	1		4		8
G8215027	26/05/82	1	1982	5.8	15	25	1	1				1	4		4	1		5		8
G8215028	26/05/82	1	1982	5.9	14	15	1	1				3	4		4	1		5		8
G8215029	26/05/82	1	1982	6.0	15	24	1	1				1	4		4	1		5		8
G8215030	26/05/82	1	1982	6.2	14	16	1	1				3	5		4	1		6		8
G8215031	26/05/82	1	1982	6.1	13	16	1	1				3	5		4	1		6		8
G8215032	26/05/82	1	1982	6.4	12	10	1	1				1	5		4	4		6		8
G8215033	26/05/82	1	1982	6.2	13	14	1	1				1	4		4	5		5		8
G8215034	26/05/82	1	1982	6.2	31	31	1	1				9	11		4	6		13		8
G8215035	26/05/82	1	1982	6.2	31	23	1	1				11	12		6	4		15		8
G8215036	26/05/82	1	1982	6.3	32	31	1	1				13	12		6	3		15		8
G8215038	26/05/82	1	1982	6.4	29	20	1	1				9	10		4	4		12		8
G8215040	2/06/82	1	1982	7.3	1570	820	220	15				225	138		370	66		168		620
G8215041	2/06/82	1	1982	6.9	590	290	71	7				107	90		110	23		110		180
G8215042	2/06/82	1	1982	7.2	2200	1120	323	20				260	112		550	100		137		900
G8215043	2/06/82	1	1982	7.1	4160	2240	655	38				466	120		1110	220		146		1840
G8215044	2/06/82	1	1982	6.9	6460	3590	1005	54				694	128		1820	325		156		3000
G8215045	2/06/82	1	1982	7.0	10350	6060	1738	84				1136	140		3240	575		171		5340
G8215046	12/07/75	4	1975	7.0	63	61	5	1				22	25		6	2		31		10
G8215046	26/07/75			6.8	59	63	5	1				16	18		2	2		34		3
G8215047	15/07/83	1	1983	8.3	51100							6180	115		18030			140		29717
G8215048	15/07/83	1	1983	8.2	45850							5410	129		16120			157		26567
G8215049	15/07/83	1	1983	8.1	40100							4610	131		13720			160		22611
G8215050	15/07/83	1	1983	8.0	32540							3600	135		10450			145		17217
G8215051	14/07/83	1	1983	7.9	29700							1590	152		9060			185		14923
G8215052	14/07/83	1	1983	7.8	20800							3000	187		8350			228		13761

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G8215053	12/07/83	2	1983-1995	6.8	130		8	2				27	21		14	3		26		21
G8215053	16/11/95			6.5	194								57					69		
G8215054	12/07/83	1	1983	7.2	75		7	2				28	23		10	4		28		15
G8215055	12/07/83	1	1983	7.3	33															
G8215056	12/07/83	1	1983	7.5	27		5	1				22	21		8	1		26		12
G8215057	12/07/83	1	1983	7.1	40		5	1				16	15		8	1		18		13
G8215058	12/07/83	1	1983	6.8	44		5	1				20	20		6	1		24		10
G8215059	12/07/83	1	1983	7.3	28		5	1				13	12		8	1		15		13
G8215060	12/07/83	1	1983	7.2	33		6	1				13	15		10	1		18		16
G8215061	12/07/83	1	1983	7.0	20		6	1				12	12		8	1		15		13
G8215062	12/07/83	1	1983	6.6	20															
G8215063	12/07/83	1	1983	6.6	23		3	1				4	5		6	1		6		8
G8215064	12/07/83	2	1983-1994	7.3	20		7	1				9	14		12	1		17		20
G8215064	25/11/94			6.9	65								21					26		
G8215065	12/07/83	1	1983	7.2	23		7	1				16	16		12	1		20		18
G8215066	13/07/83	1	1983	5.1	20		3	1				3	2		6	1		2		8
G8215067	13/07/83	1	1983	4.8	20		2	1				5	2		4	1		2		7
G8215068	12/07/83	1	1983	6.9	20		2	1				4	5		4	1		6		7
G8215070	12/07/83	1	1983	6.0	20															
G8215071	9/08/86	1	1986	8.6	1950	1100	275	9				407	208		460	106		235		758
G8215072	25/05/81	1	1981	7.2	4950		670	45				855	400		1290			488		2126
G8215079	9/06/71	3	1971-1995	6.4	33	30	2	1				13	16		4	2		20		7
G8215079	15/11/95			6.3	50								17					21		
G8215080	6/12/88	3	1988-1989	7.7	610	330	40	1				210	172		77	14		210		127
G8215080	18/01/89			6.7	535															
G8215082	23/11/70	1	1970	4.0	150		7	6				7			29	2				
G8215086	17/09/81	22	1981-1994	7.8	460		5	4				245	245		6	10		300		10
G8215086	24/11/94			6.6	96								24					30		
G8215087	25/11/94	1	1994	6.7	65								19					24		
G8215088	17/12/90	1	1990	7.8	565		19	1		23		244	188	6	47	12	34	229	0.4	77
G8215089	10/05/89	1	1989	7.4	420		12	1		6	0.6	205	205	8	11	11	5	250	0.9	18
G8215090	21/03/69	5	1969-1988	6.4	120		15	1		3	0.2	26	20	6	16	2	26	24	0.2	26
G8215090	6/12/88			6.2	40		6	1		1	0.1	7	3	6	12	5	1	4	0.1	20
G8215092	9/06/77	2	1977-1983	6.2	19		3	1		1	0.1	7	5	9	6	2	1	6	0.1	10
G8215092	20/12/83			6.2	350		45	5		9	0.5	57	21	18	80	22	1	26	0.1	133
G8215093	21/07/72	4	1972	6.6	82		2	1		3	0.7	18	22	3	4	2	2	27	0.1	7
G8215093	1/11/72			6.5	85		3	3		7	8	34	33	8	9	6	3	40	0.1	13

Station	Date	No. of rec.	Period of record	pH	EC μS/cm	TDS (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Calcium soluble (mg/L)	Magnesium soluble (mg/L)	Iron total (mg/L)	Hardness total (mg/L)	Alkalinity total (mg/L)	Silica (mg/L)	Chloride (mg/L)	Sulphate (mg/L)	Nitrate (mg/L)	Bicarbonate (mg/L)	Fluoride (mg/L)	Chloride as NaCl (mg/L)
G8215094	10/06/72	2	1972	6.3	31		1	1		1	0.1	2	6	6	2	2	1	7	0.1	3
G8215094	21/07/72			6.0	22		2	1		1	0.1	5	7	7	8	2	1	9	0.1	13
G8215095	6/07/95	2	1995	5.6	16								2					2		
G8215095	15/11/95			5.4	20								0.8					1		
G8220217	30/07/67	2	1967	7.0	51							18	14		8			9		
G8220217	18/12/67			7.3	107							48	46		2			28		
G8225000	24/08/71	1	1971	6.6	60	50	4	1				19	22		8	2		27		
G8225002	30/10/83	1	1983	6.3	35	25	3	1				7	4		6	1		5		10
G8225003	11/07/72	1	1972	6.5	73	48	6	1				9	12		9	2		15		15
G8230001	5/10/66	4	1966-1987	6.3	61	69	12	2				6	6		22			4		
G8230001	4/06/87			5.0	65	55	10	1				4	1		14	1		1		28
G8230002	17/10/68	5	1968-1988	6.3	80	50	10	1				16	12		18	6		7		
G8230002	30/10/88			6.6	65	35	7	1				11	14		13	1		17		21
G8230208	2/08/67	2	1967-1983	6.6	52							12	12		12			7		
G8230208	28/10/83			6.6	65	40	5	1				20	1		12	1		1		20
G8230237	25/04/75	20	1975-1983	4.6	21	17	2	1				3	5		6	2		6		10
G8230237	30/10/83			5.6	20	12	3	1				1	1		4	1		2		7
G8230258	19/10/66	8	1966-1983	6.1	44							17	4		14			2		
G8230258	3/11/83			6.2	45	35	6	1				4	2		12	1		3		20
G8230501	2/06/82	14	1982-1985	7.1																
G8230501	2/10/85			5.2	136							11	22		12					
G8230502	25/07/73	2	1973-1982	7.3			39	7				38	87		41	12				
G8230502	2/06/82			6.9																
G8230503	2/06/82	13	1982	7.7																
G8230503	11/06/82			7.9																
G8230504	25/07/73	3	1973-1985	7.4			42	6				24	40		43	14				
G8230504	2/10/85			7.2	189							11	42		20					
G8230505	2/06/82	14	1982	8.8																
G8230505	11/06/82			9.0																
G8230506	2/06/82	2	1982-1985	7.8																
G8230506	2/10/85			7.3	170							13	30		20					
G8235000	30/10/83	1	1983	5.5	20	15	2	1				1	2		6	1		2		8
G8235001	2/11/83	1	1983	6.4	35	30	4	1				3	2		10	1		3		15
G8235002	28/10/83	1	1983	6.5	45	55	3	1				9	11		8	1		13		13
G8235003	27/10/83	1	1983	6.2	55	45	5	2				12	9		14	1		11		23
G8235004	27/10/83	1	1983	6.2	45	45	5	1				7	7		12	1		8		18

Station	Date	No. of rec.	Period of record	pH	EC μS/cm	TDS (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Calcium soluble (mg/L)	Magnesium soluble (mg/L)	Iron total (mg/L)	Hardness total (mg/L)	Alkalinity total (mg/L)	Silica (mg/L)	Chloride (mg/L)	Sulphate (mg/L)	Nitrate (mg/L)	Bicarbonate (mg/L)	Fluoride (mg/L)	Chloride as NaCl (mg/L)
G8235006	28/10/83	1	1983	6.2	30	20	2	1				9	9		5	1		11		8
G8235007	28/10/83	1	1983	6.2	16	12	2	1				1	2		4	1		3		7
G8235008	28/10/83	1	1983	5.7	16	20	2	1				1	2		4	1		3		7
G8235009	28/10/83	1	1983	5.6	20	25	2	1				1	1		6	1		2		10
G8235010	28/10/83	1	1983	5.3	20	15	2	1				1	1		4	1		1		7
G8235011	28/10/83	1	1983	6.0	15	10	2	1				1	1		3	1		1		5
G8235012	28/10/83	1	1983	5.5	20	20	2	1				1	1		5	1		1		8
G8235013	27/10/83	1	1983	5.7	30	30	4	1				1	2		6	1		2		10
G8235014	27/10/83	1	1983	6.3	50	35	6	1				7	3		12	1		4		20
G8235015	28/10/83	1	1983	6.5	75	60	7	1				20	20		10	1		24		16
G8235016	28/10/83	1	1983	6.3	80	60	7	1				17	16		14	1		20		23
G8235017	27/10/83	1	1983	6.0	40	30	4	1				9	1		8	1		1		13
G8235018	27/10/83	1	1983	6.8	55	24	4	1				13	9		10	1		11		15
G8235019	27/10/83	1	1983	6.5	68	40	6	2				13	6		12	1		7		20
G8235020	30/10/83	1	1983	5.9	25	25	3	1				4	2		6	1		3		10
G8235021	30/10/83	1	1983	6.8	10070	5460	1736	78				1122	36		3090	220		44		5087
G8235022	30/10/83	1	1983	7.4	48000							6450	118		18130			143		29878
G8235023	30/10/83	1	1983	7.1	22100							2700	72		7105			88		11709
G8235024	1/11/83	1	1983	7.6	52000							6600	116		19600			142		32300
G8235025	1/11/83	1	1983	7.4	55300							7050	135		21260			165		35043
G8235026	1/11/83	1	1983	7.9	55300							7020	159		20880			130		34410
G8235027	2/11/83	1	1983	7.4	53800							6900	125		21070			153		34727
G8235028	3/11/83	2	1983-1987	6.2	45	35	6	1				4	2		12	1		3		20
G8235028	4/06/87			5.8	55	45	8	1				4	3		15	2		4		21
G8235029	3/11/83	1	1983	6.2	85		10	3				11	7		18			9		30
G8235031	30/10/83	1	1983	6.0	25	30	3	1				7	2		6	1		3		10
G8235032	30/10/88	1	1988	5.9	50	40	5	1				7	11		6	1		13		10
G8235033	30/10/88	1	1988	6.1	55	35	7	1				7	8		12	1		10		20
G8235034	22/10/88	2	1988	5.7	50	45	5	2				12	5		15	1		9		25
G8235034	30/10/88			6.1	55	35	5	2				7	9		10	1		10		16
G8235035	30/10/88	1	1988	5.6	55	30	7	1				7	5		13	1		6		21
G8235037	19/10/88	1	1988	8.0	430		8	2				233	218		14	9		265		23
G8235038	16/11/94	1	1994	6.1	50								13					16		
G8235039	19/07/72	2	1972-1980	5.0	86		23	1		1	0.1	7	5	17	23	2	1	6	0.1	34
G8235039	28/02/80			4.7	65		9	1		1	0.1	4		17	17	1	1	3	0.1	28
G8235040	20/10/99	1	1999	5.9	24	35	3	1	5	1	0.1		3	15	5	2	1	4	0.1	8

Station	Date	No. of rec.	Period of record	pH	EC μS/cm	TDS (mg/L)	Sodium (mg/L)	Potassium (mg/L)	Calcium soluble (mg/L)	Magnesium soluble (mg/L)	Iron total (mg/L)	Hardness total (mg/L)	Alkalinity total (mg/L)	Silica (mg/L)	Chloride (mg/L)	Sulphate (mg/L)	Nitrate (mg/L)	Bicarbonate (mg/L)	Fluoride (mg/L)	Chloride as NaCl (mg/L)
G8235041	11/09/00	2	2000	5.7	26	40	4	1	2	1	0.1		2	17	7	7	1	2	0.1	12
G8235041	20/10/00			5.8	22	23	4	1	1	1	0.5		4	13	4	2	1	5	0.1	7
G8235042	9/09/00	1	2000	5.7	27	26	4	1	1	1	0.1		3	16	7	4	1	3	0.1	12
G8240001	4/04/79	4	1979-1983	6.1	6	30	5	1				5	5		10	1		6		16
G8240001	3/11/83			6.2	45	21	5	1				7	2		10	1		3		16
G8240002	2/10/66	3	1966-1971	8.0	467							240	224					137		
G8240002	3/08/71			8.0	400	220	9	1				193	212		14	5		259		
G8245001	3/11/83	1	1983	6.3	38	22	4	1				4	7		9	1		9		15
G8245002	3/11/83	1	1983	5.9	76	55	10	1				7	4		22	1		5		36
G8245003	30/10/88	1	1988	6.1	60	30	7	3				7	14		6	1		17		10
G8245004	30/10/88	1	1988	6.4	25	20	3	1				4	8		4	2		10		7
G8245005	26/09/94	1	1994	7.0	404		10	7		23	0.2	197	201	16	12	11	2	245	0.3	20
G8245006	11/10/77	2	1977-1988	7.2	1320	720	186	9				215	117		313	48		143		516
G8245006	7/12/88			6.9	2270	1555	270	2				603	88		307	613		108		506
G8245008	20/10/88	1	1988	6.7	120		6	2				50	47		11	5		58		18
G9030003	22/09/66	3	1966-1978	7.8	437							238	218		12			132		
G9030003	20/01/78			7.6	240															
G9030005	17/09/66	2	1966	8.1	560							306	298		8			182		
G9030005	19/09/66			8.1	576							314	306		12			187		
G9035006	21/06/86	1	1986	7.4	495	300	4	2				275	273		8	7		333		13
G9035018	1/11/83	3	1983-2000	7.1	550	310	4	2				302	295		2	7		360		3
G9035018	19/07/00			7.9	505	273	3	1	55	34	0.8		276	18	5	13	1	337	0.1	8
G9035019	7/08/74	7	1974-1991	7.2	670	440	7	3				330	355		8	12		433		13
G9035019	19/09/91			8.2	535	305	5	3				293	299		8	9		364		13
G9035094	15/09/82	1	1982	7.4	570							393	243		16			296		26
G9035113	21/06/86	4	1986-1995	8.1	550	325	5	2				312	308		8	7		375		13
G9035113	28/09/95			8.2	526								300					368		
G9035142	22/08/95	2	1995	7.9	230								115					140		
G9035142	22/11/95			7.8	416								160					194		
G9035156	20/10/99	1	1999	6.1	38	30	4	1	1	1	0.4		9	17	5	3	1	11	0.1	8
G9035159	20/10/99	1	1999	6.1	36	27	3	1	3	2	0.5		12	7	4	4		14	0.1	7

## **Table 11**

### **Rainfall Stations**

STATION	STATION NAME	EASTING	NORTHING	COMMENCE	CEASE	STATION TYPE
DE014042	GUNBALUNYA [OENPELLI]	288078.1	8635974.2	01/07/1993	30/04/1994	DE
DE014153	BLACK POINT [PORT ESSINGTON]	188820.8	8766095.1	01/07/1993	30/04/1994	DE
DE014400	MANINGRIDA [GUDGERAMA]	415411.1	8667587.1	01/01/1967	30/06/1996	DE
DE014401	WARRURI [GOULBURN ISLAND]	325708.7	8711814.7	01/07/1993	30/04/1994	DE
DR014008	CAPE DON LIGHT STATION	802153.0	8747729.5	30/09/1917	31/12/1989	DR
DR014011	MINJILANG	236182.4	8766516.1	31/12/1946	open	DR
DR014042	OENPELLI	288065.1	8637818.2	31/08/1910	open	DR
DR014118	BLUE MUD BAY	809543.9	8758729.5	31/12/1917	31/12/1922	DR
DR014153	BLACK POINT (PORT ESSINGTON)	188820.8	8766095.1	31/12/1964	open	DR
DR014180	MURGANELLA	274739.1	8722549.5	31/10/1966	open	DR
DR014242	SMITH POINT	186787.8	8769027.1	30/04/1989	31/08/1990	DR
DR014245	CAPE DON A.W.S.	802153.0	8747729.5	31/08/1994	open	DR
DR014249	SEVEN SPIRIT BAY	177941.9	8760637.1	31/10/1991	open	DR
DR014255	THUNDER ROCK	189620.8	8765026.1	31/08/1990	31/03/1994	DR
DR014274	McLUER ISLAND AWS	279235.0	8777995.1	30/06/1994	open	DR
DR014400	MANINGRIDA (GUDGERAMA)	414866.1	8667954.1	31/12/1957	open	DR
DR014401	WARRUWI	325708.7	8711814.7	30/11/1916	open	DR
DR014629	BULMAN	428028.2	8489198.5	31/10/1970	30/09/1971	DR
DR014634	MARANBOY (FLYING FOX STATION)	332602.9	8470323.5	31/12/1925	30/11/1927	DR
DR014640	BULMAN COMMUNITY	423823.2	8488848.5	30/06/1991	31/03/1992	DR
R8140021	Katherine River At Upper Reaches	305116.1	8509131.2	10/08/1967	Open	RFS
R8200046	Deaf Adder Creek At 8 Miles U/s Gs	298611.3	8551794.3	22/11/1972	Open	RFS
R8200302	Hickey Creek At Upper Hickey Catchment	292127.1	8573163.7	22/11/1972	24/08/1974	RF
R8210001	Cooper Creek At Gs Chopper Strip	319511.5	8654162.6	11/11/1983	02/08/1995	RFS
R8210002	Croker Island At Croker Mission	235727.4	8766662.1	03/10/1968	13/04/1975	RF
R8210008	Magela Creek At Bowerbird Waterhole	287711.6	8586632.4	23/11/1972	Open	RF
R8210010	East Alligator At GS helipad	319037.0	8593612.0	23/11/1977	Open	RF
R8210011	Tin Camp Creek At G S Helipad	313540.9	8623240.4	12/01/1973	10/09/1985	RF
R8210016	Cooper Creek Plains At Plains Camp	270645.4	8662583.7	06/12/1985	01/08/1995	RFS
R8210024	Cooper Creek At D/s Dam	316877.2	8636652.2	25/10/1977	Open	RF
R8210037	Cooper Creek At Rainbow Flat	326126.8	8636163.3	25/10/1977	04/09/1985	RF
R8210094	Caramel Creek At Upper Catchment	322426.9	8617763.4	14/01/1989	06/02/1990	RF
R8210300	Cooper Creek At Murganella Road South	302503.3	8647692.2	09/11/1983	01/08/1995	RFS
R8210301	Cooper Creek At Murganella Road North	304626.9	8672147.0	09/11/1983	Open	RFS
R8210302	Cooper Creek At Gove Road	328324.1	8651541.7	11/11/1983	02/08/1995	RFS
R8210303	Magela Creek At Rock Pocket	297127.1	8584163.6	17/11/1977	04/09/1985	RF
R8210304	Magela Creek At Kub-o-wer Hill	298127.1	8566163.8	17/11/1977	04/09/1985	RF
R8210305	Magela Creek At East Of Jabiru	290127.1	8595163.6	17/11/1977	10/09/1985	RF
R8210308	Cooper Creek At East Edge Of Catchment	331126.8	8632163.3	17/11/1977	14/11/1985	RF
R8230237	Liverpool River At At Gs	378803.4	8614371.5	02/10/1965	22/10/1986	RF

DE Bureau of Meteorology, daily evaporation  
DR Bureau of Meteorology, daily rainfall  
RFS Rainfall station  
RF Rainfall station

# **Appendix 1**

## **Low flow predictive model**

## A1 Introduction

An analysis of the rainfall and stream gauging data was performed to develop relationships between rainfall and groundwater fed flows, and predict Dry season flows in the absence of detailed low flow gaugings. This analysis was undertaken for the East Alligator River, the Liverpool River, the Blyth River and Tin Camp Creek.

## A2 Method of synthesis of historical spring flows

Available rainfall and flow data have been used to synthesise historical Dry season spring flows at Berry Springs (Jolly *et al*), and Katherine and Daly Rivers (Jolly *et al*). This enabled estimates of spring baseflow to be made using a long-term rainfall record in the absence of reliable flow gaugings. This method was applied in order to predict Dry season flows in West Arnhem. The different steps included the determination of maximum spring flow and the baseflow recession coefficient from Dry season flow data (Section A2.1), potential recharge from rainfall data (Section A2.2), the relationship between recharge events and increase in spring flow (Section A2.3), and the synthesis of spring flows (Section A2.4). The predicted flows were then correlated with actual gauged flows to assess the accuracy of the prediction. The model was then calibrated by adjusting the individual input parameters until a strong correlation between gauged and predicted flows was found.

### A2.1 Interpretation of Dry season flow data

During the Dry season, without surface influx, the streams are totally fed by groundwater discharge. The recession portion of the baseflow curve is a straight line expressed by the depletion equation (Szilagyi, 1999)

$$Q_t = Q_0 e^{-kt} \quad (\text{Equation 1})$$

$$\therefore \ln Q_t = \ln Q_0 - kt \quad (\text{Equation 2})$$

$$\text{or} \quad \log Q_t = \log Q_0 - k't \quad (\text{Equation 3})$$

$$\therefore k' = \frac{\log Q_0 - \log Q_t}{t} \quad (\text{Equation 4})$$

where  $Q_t$  is the discharge in cumecs ( $\text{m}^3 \text{s}^{-1}$ ) at any given time  $t$ ,  $Q_0$  is the discharge at time  $t = 0$ ,  $k'$  is the baseflow recession coefficient, and  $t$  is time in days. The initial time  $t = 0$  represents the time when the aquifer that feeds the streams has been fully recharged in the previous wet season, and  $Q_0$  is then the maximum spring flow. The equation predicts the discharge in the creeks at a later point in the Dry season, given the flow rate at the current

point in time. The equation only applies to Dry season aquifer flows with no surface influx. Excessive pumping or early rainfall events will offset the accuracy of the predictions.

The baseflow recession coefficient  $k'$  and the maximum spring flow  $Q_0$  were determined from hydrographs printed out from HYDSYS, a hydrological database maintained by the Northern Territory Department of Infrastructure, Planning and Environment. The hydrographs of the gauging stations were plotted on logarithmic scale from HYDSYS. The gaugings performed during the wet season were excluded from consideration because of the impact of rainfall on the surface water flow. The recession equations were determined from the graphs of separate years and averaged over the whole data set of hydrographs. The maximum spring flow  $Q_0$  was also estimated from the hydrographs.

## A2.2 Relationship between rainfall and potential recharge

Rainfall records from rainfall stations in the region were extracted from HYDSYS. The rainfall records of the stations Liverpool, Oenpelli, Milingimbi, Maningrida, East Alligator, Katherine and Jabiru were investigated (Table A2.1). There was a strong correlation between these rainfall stations during their period of record (Table A2.2).

Table A2.1. Rain stations in West Arnhem Land.

Rain stations	Location	Period of record
R8230237	Liverpool	1965 – 1986
DR014042	Oenpelli	1910 – 2000
DR014402	Milingimbi	1923 – 1984
DR014400	Maningrida	1958 – 2000
R8210010	East Alligator	1979 – 1986; 1991 – 2001
R8140021	Katherine	1967 – 2002
DR014208	Jabiru	1983 – 1999

Table A2.2. Correlation between rainfall stations in West Arnhem Land.

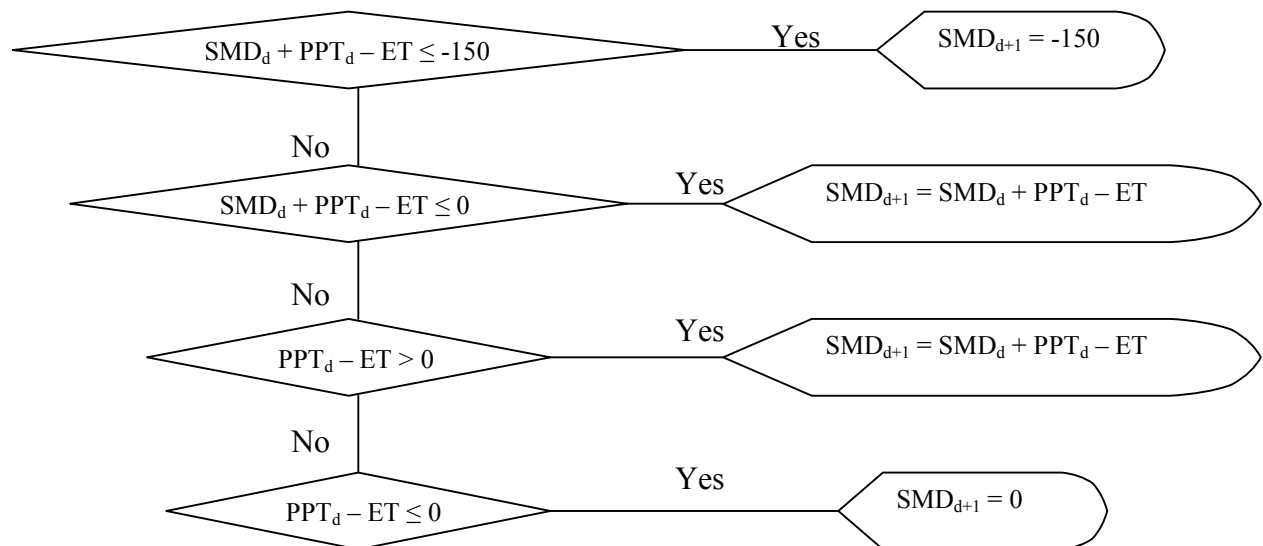
	Liverpool	Oenpelli	Milingimbi	Maningrida	East Alligator	Katherine	Jabiru
Liverpool	1.0000						
Oenpelli	0.8353	1.0000					
Milingimbi	0.8305	0.8140	1.0000				
Maningrida	0.8364	0.8063	0.8647	1.0000			
East Alligator	0.8723	0.8177	0.8753	0.8769	1.0000		
Katherine	0.8108	0.8665	0.8289	0.7120	0.8192	1.0000	
Jabiru	0.9319	0.7722	0.9367	0.6857	0.9321	0.9137	1.0000

The Oenpelli Rainfall Station DR014042 data was used in this study due to its longer period of record from 1910 to 2000. A complete record of rainfall from 1910 to 2002 was constructed by combining the data of Oenpelli DR014042 from 1910 to 2000, with Katherine R8140021 rainfall data from 2000 to 2002.

Potential recharge was calculated from daily rainfall (*PPT*), end of Dry season soil moisture deficit (*SMD*) and evapotranspiration (*ET*) data, all in mm.

An end of Dry season soil moisture deficit of 150 mm and an evaporation rate of 7 mm day<sup>-1</sup> was chosen for the calculations. The potential daily recharge *R* was defined as the difference between soil moisture deficit on consecutive days and calculated as follows:

$$R \text{ (mm)} = SMD_{d+1} - SMD_d \quad \text{where } d = \text{day}$$



Recharge events were calculated by adding consecutive daily recharges and grouped annually. The day preceding the first recharge event of each year was recorded. The correlation between annual rainfall and potential annual recharge was determined. The recharge events were used to calculate predicted flows (Section A2.4).

### A2.3 Relationship between recharge events and increases in spring flow

Hydrographs were used to determine increases in flow corresponding to known recharge events. The correlation between recharge events (*RE*) and increases in flow ( $\Delta Q$ ) can be defined by the equation

$$\Delta Q \text{ (m}^3 \text{ s}^{-1}) = a \text{ (10}^{-3} \text{ mm s m}^{-2}) \times RE \text{ (mm)}$$

*a* = slope of best fit line

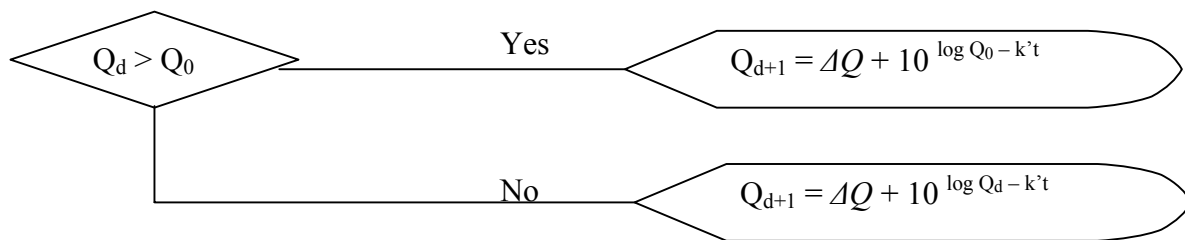
## A2.4 Synthesis of historical spring flows

Equation 3 from Section A2.1 was used to synthesise historical spring flows as follows:

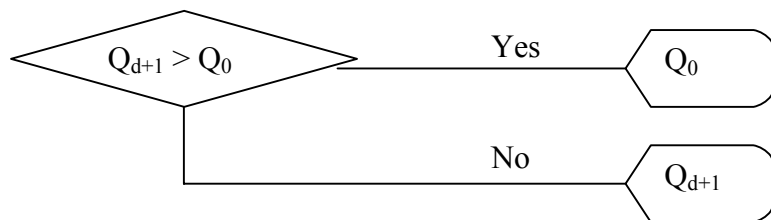
$$\log Q_t = \log Q_0 - k't$$

$$\therefore Q = 10^{\log Q_0 - k't}$$

The relationship derived in Section A2.3 was applied to each individual recharge event in the rainfall record in order to calculate the corresponding change in baseflow. The baseflow recession coefficient  $k'$  and the maximum spring flow  $Q_0$  determined in Section A2.1 were used in Equation 3 to synthesise springflows:



The recharge was rejected as overland flow when the aquifer was full. Therefore:



Springflows were calculated for the end of each Dry season, for days when a flow gauging was taken and for the day before each recharge event.

## A3 Results and discussion

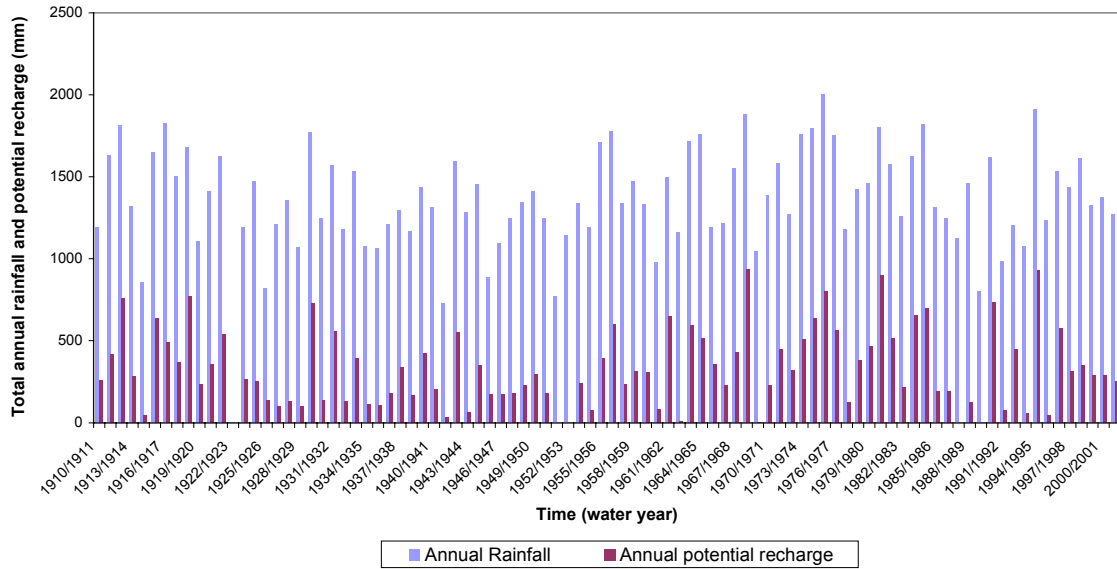
### A3.1 Annual rainfall and potential recharge in West Arnhem

The mean annual rainfall was 1375 mm and the mean annual potential recharge was 331 mm (Table A3.1; Figure 3.1).

Table A3.1. Annual rainfall and potential annual recharge in West Arnhem Land (1910-2002).

	Annual rainfall (mm)	Potential annual recharge (mm)
mean	1375	331
max	2003	938
min	730	0

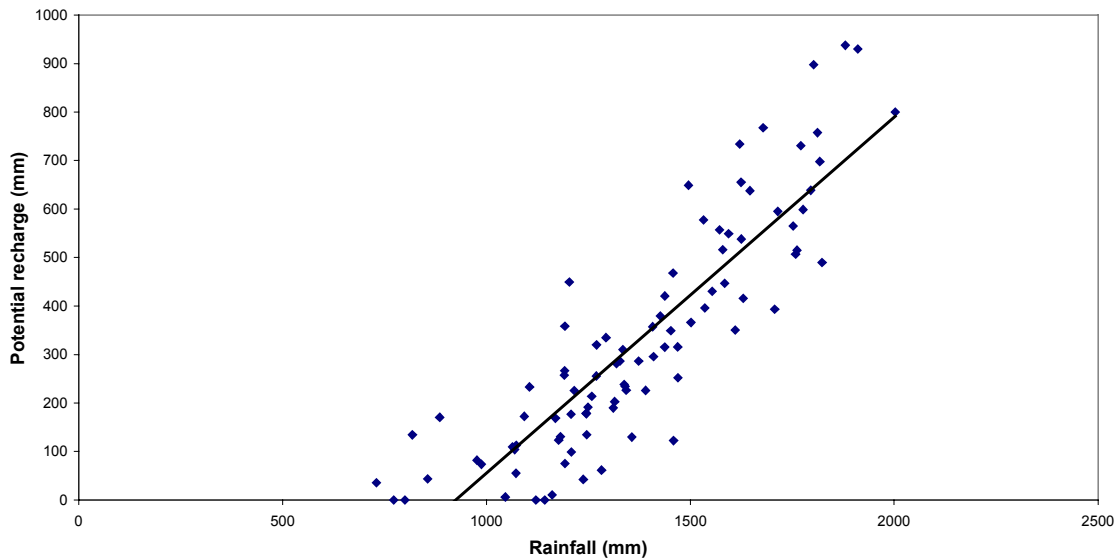
**Annual rainfall and potential recharge in West Arnhem Land**



**Figure A3.1.** Annual rainfall and potential recharge in West Arnhem Land, 1910 – 2002.

The annual potential recharge was in good agreement with annual rainfall ( $r = 0.8740$ ) (Figure A3.2). Annual rainfall should total at least 730 mm before recharge could occur.

**Rainfall and potential recharge**



**Figure A3.2.** Relationship between rainfall and potential recharge in West Arnhem, 1910 – 2002.

**A3.2 Prediction of spring flow in Tin Camp Creek**

The change in flow relating to recharge events was  $a = 0.0351$  (Figure A3.3)

$$\Delta Q \text{ (m}^3 \text{ s}^{-1}\text{)} = 0.0351 \text{ (10}^{-3}\text{mm s m}^{-2}\text{)} RE \text{ (mm)}$$

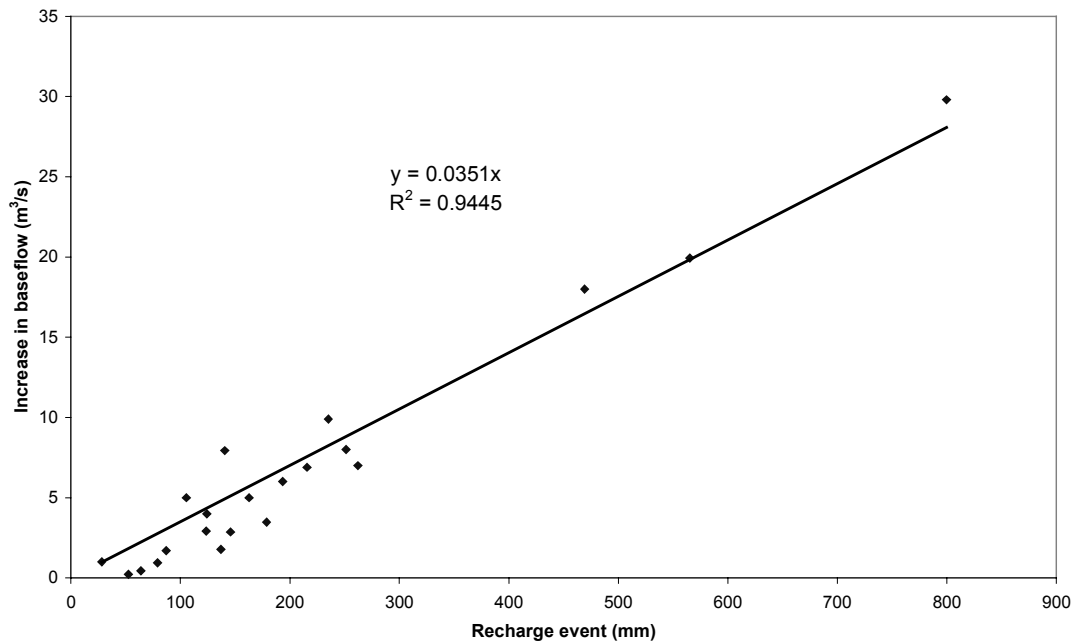


Figure A3.3. Relationship between recharge event and increase in baseflow, 1971 – 1980.

The Dry season flow in Tin Camp Creek, after the aquifer feeding it had been fully recharged in the previous wet season, was represented by the following equations:

$$\log Q_t = \log Q_0 - k't$$

$$\equiv \log Q_t = \log \mathbf{2.0187} - 0.006153 t$$

$$\equiv \mathbf{\log Q_t = 0.3051 - 0.006153 t}$$

and, in low rainfall years, when flow is controlled by diffuse recharge:

$$\log Q_t = \log Q_0 - k't$$

$$\equiv \log Q_t = \log \mathbf{0.3043} - 0.004005 t$$

$$\equiv \mathbf{\log Q_t = -0.5168 - 0.004005 t}$$

The Tin Camp Creek baseflow for the period from 1910 to 2002 was predicted using the relationships developed in Section A2.4. Flows were also predicted on the same days as actual spot gauged flows, continuous recorded flows and annual minimum flows for the period from 1971 to 1982 (Figures A3.4, A3.5).

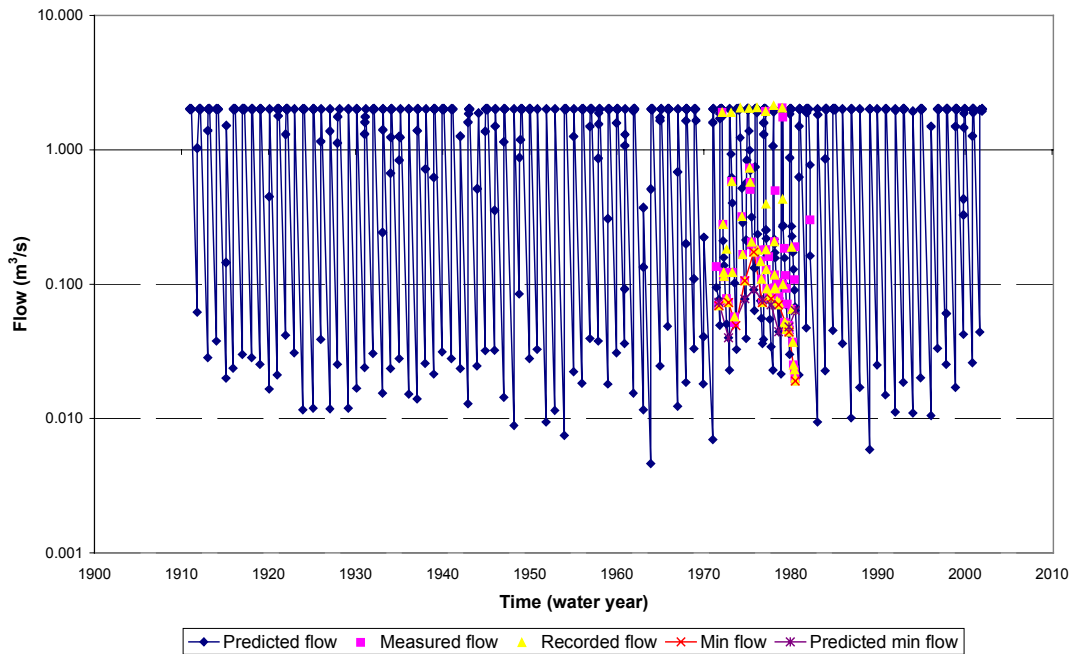


Figure A3.4. Predicted spring flows (1910 – 2002), actual gauged flows, recorded flows and minimum flows in Tin Camp Creek (1971 – 1982).

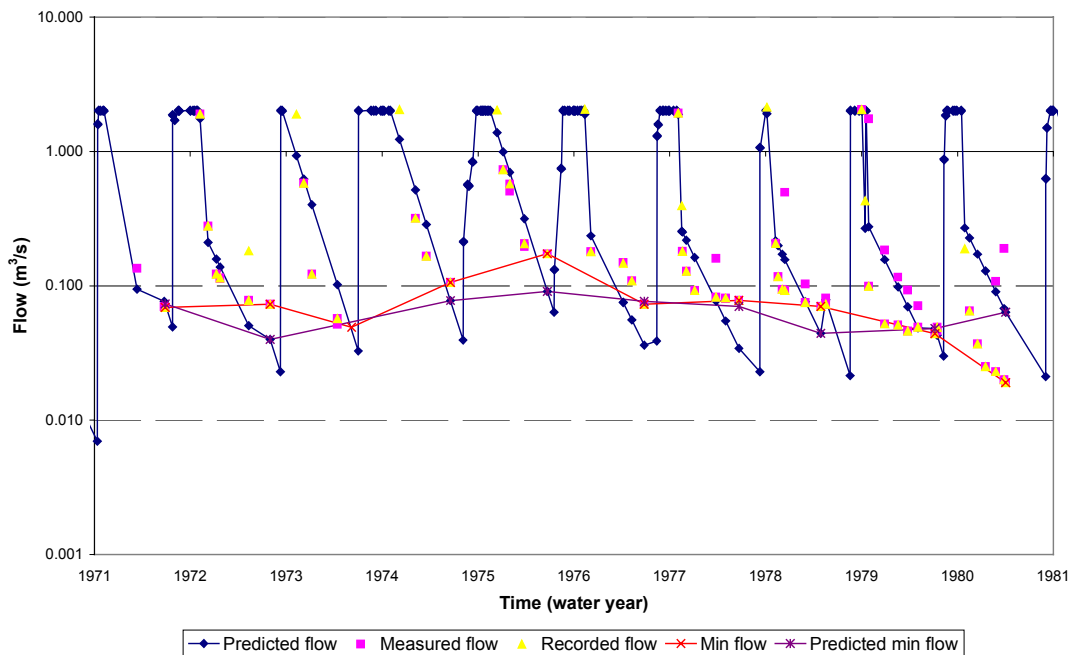


Figure A3.5. Predicted, actual gauged, recorded and minimum flows in Tin Camp Creek (1971 – 1982).

The actual gauged, recorded and minimum flows at G8210011 (Tin Camp Creek at Downstream Myra Falls) were compared to the predicted spring flows for the same days (Table A3.2). Predicted and actual gauged flows were in good agreement ( $r = 0.9815$ ) (Figure A3.6).

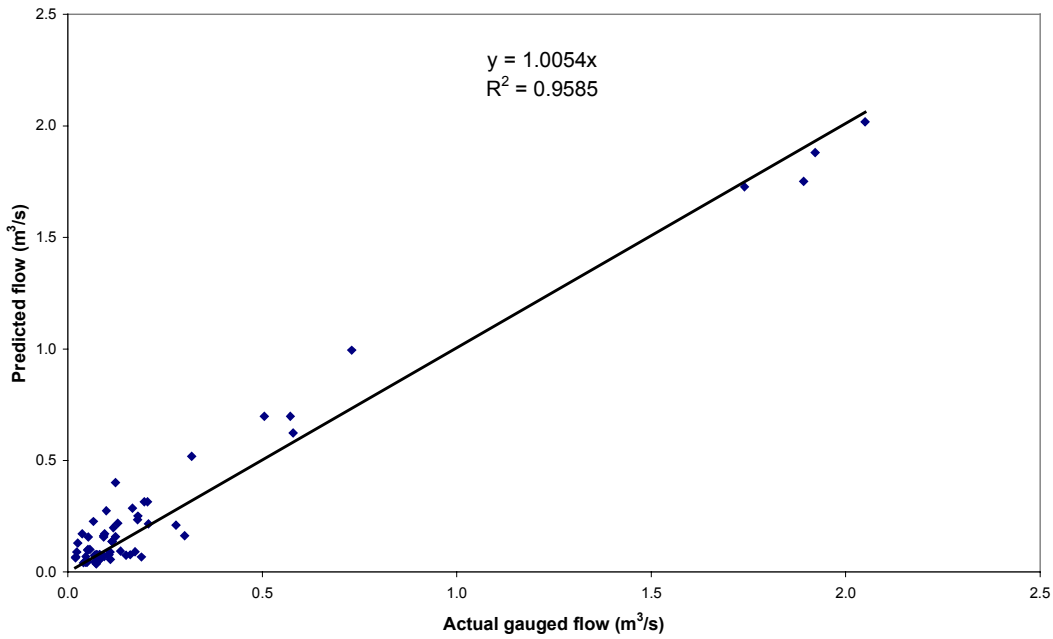


Figure A3.6. Relationship between predicted and actual gauged spring flows at G8210011, Tin Camp Creek at Downstream Myra Falls, 1971 – 1982.

The correlation between predicted and actual minimum flows was satisfactory ( $r = 0.7292$ ), and the trend was similar (Figure A3.7).

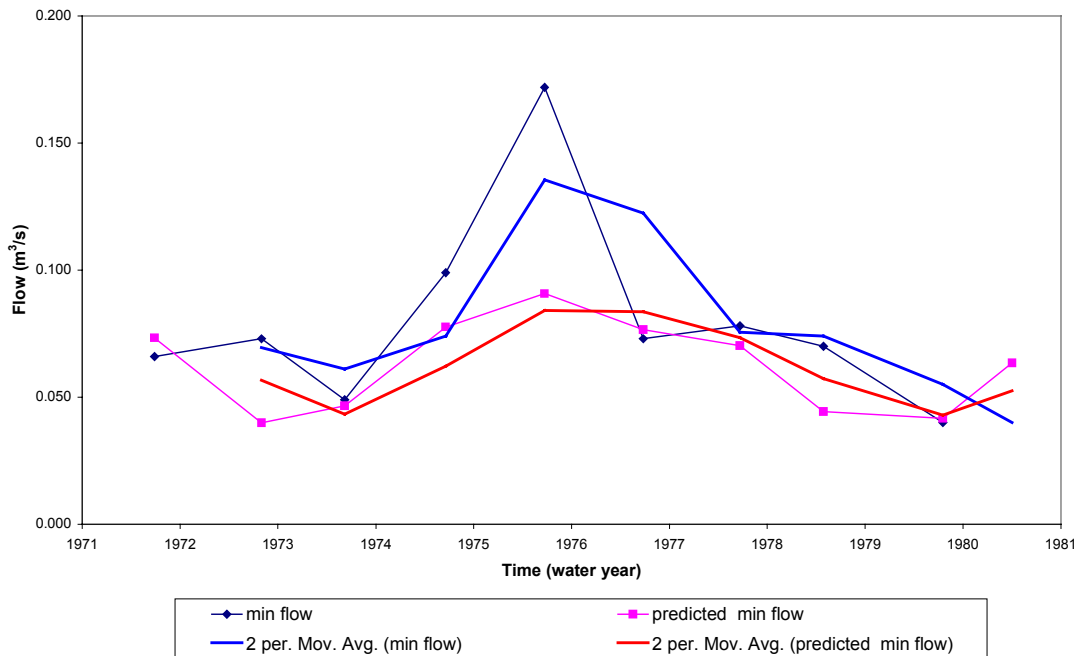


Figure A3.7. Predicted and actual minimum flows at G8210011, 1971 – 1980.

Table A3.2. Predicted and actual spring flows at G8210011, Tin Camp Creek at Downstream Myra Falls, 1971 – 1982. The minimum flows are in bold.

Gauging date	Gauged flow (m <sup>3</sup> /s)	Predicted flow (m <sup>3</sup> /s)			
04/08/1971	0.135	0.0943	27/09/1977	0.080	0.0547
16/11/1971	0.0699	0.0765	27/09/1977	0.081	0.0547
<b>19/11/1971</b>	<b>0.069</b>	<b>0.0733</b>	<b>17/11/1977</b>	<b>0.078</b>	<b>0.0703</b>
01/04/1972	1.892	1.7521	06/04/1978	0.207	0.2163
01/05/1972	0.278	0.2104	15/04/1978	0.117	0.1991
01/06/1972	0.122	0.1581	01/05/1978	0.094	0.1718
16/06/1972	0.113	0.1377	11/05/1978	0.092	0.1566
16/06/1972	0.114	0.1377	28/07/1978	0.103	0.0763
03/10/1972	0.0779	0.0504	28/07/1978	0.075	0.0763
<b>24/12/1972</b>	<b>0.073</b>	<b>0.0399</b>	<b>25/09/1978</b>	<b>0.070</b>	<b>0.0443</b>
01/05/1973	0.579	0.6229	15/10/1978	0.081	0.0787
01/06/1973	0.122	0.4015	15/10/1978	0.073	0.0787
06/09/1973	0.0515	0.1016	28/02/1979	2.05	2.0187
06/09/1973	0.057	0.1016	27/03/1979	1.74	1.7274
<b>31/10/1973</b>	<b>0.049</b>	<b>0.0466</b>	27/03/1979	0.099	0.2749
01/07/1974	0.318	0.5181	27/05/1979	0.052	0.1566
12/08/1974	0.166	0.2858	17/07/1979	0.051	0.0979
<b>12/11/1974</b>	<b>0.106</b>	<b>0.0776</b>	23/08/1979	0.093	0.0696
01/06/1975	0.730	0.9941	23/08/1979	0.046	0.0696
26/06/1975	0.505	0.6976	01/10/1979	0.071	0.0486
26/06/1975	0.572	0.6976	01/10/1979	0.049	0.0486
21/08/1975	0.196	0.3155	05/12/1979	0.044	0.0479
21/08/1975	0.205	0.3155	13/12/1979	0.046	0.0428
<b>17/11/1975</b>	<b>0.173</b>	<b>0.0907</b>	13/12/1979	0.049	0.0428
01/05/1976	0.179	0.2350	<b>15/12/1979</b>	<b>0.040</b>	<b>0.0416</b>
01/09/1976	0.149	0.0756	15/04/1980	0.065	0.2265
04/10/1976	0.109	0.0558	15/05/1980	0.037	0.1718
<b>20/11/1976</b>	<b>0.073</b>	<b>0.0362</b>	15/06/1980	0.025	0.1291
30/03/1977	1.922	1.8807	24/07/1980	0.108	0.0901
15/04/1977	0.180	0.2507	24/07/1980	0.023	0.0901
30/04/1977	0.128	0.2183	24/08/1980	0.189	0.0677
01/06/1977	0.092	0.1625	24/08/1980	0.020	0.0677
21/08/1977	0.160	0.0770	<b>31/08/1980</b>	<b>0.019</b>	<b>0.0635</b>
21/08/1977	0.082	0.0770	12/05/1982	0.300	0.1625

Predictions were undertaken for a number of the West Arnhem Rivers. Results are summarised in the table below.

**Table A3.3** Modelling results

River Gauging Station	Value a	Value Q <sub>0</sub>	Value K'	Correlation between predicted & gauged flow 'r'	Correlation between predicted & recorded minimum flow 'r'	Comments
East Alligator G8210010 (1971–2001)	0.1926	7.6	0.00838	0.8555	0.423	Despite poor correlation between predicted and recorded minimum flow, when plotting the flows over time the trend was notable similar. Further work at refining the model may achieve better results.
Tin Camp G8210011 (1971-1982)	0.0351	2.0187 (.3043)	0.006153 (0.004005)	0.9815	0.7292	Good correlations but modelling has been based on a short period of record.
Liverpool G8230237 (1965-1986)	0.1023	9.3	0.008	0.9724	0.2503	There was not even a trend observed between predicted and recorded flow when values were plotted against time.
Blyth G8240002 (1966-1986)	0.0621	7.5	0.004706	0.8875	0.5747	Despite mediocre correlation between predicted and recorded minimum flow, when plotting the flows over time some trends were observed. Further work at refining the model may achieve better results.

## A4 Conclusions

Results from this model varied for the rivers in predicting minimum flow for each Dry season. Tin Camp Creek showed the best results but it also had a shorter period of record. All rivers however had good correlation between predicted and gauged flow. This suggests that the model is very useful in predicting Dry season flows but deteriorates in accuracy for very low flows. Given that good trends were observed between predicted and recorded minimum flow, the model shows promise of delivering better results. Refining the model may involve review of the soil moisture deficit and ET and re-examination of the model parameters a and Q<sub>0</sub>. A review of other rainfall records in the area for their usefulness could also be undertaken and the accuracy of HYDSYS data could also be checked.

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