

Environment Monitoring Results



Environment Protection Licences No	1399
Link To Licence on EPA Website	http://www.epa.nsw.gov.au/prpoeoapp/ViewPOEOLicence.aspx?DOCID=32670&SYSUID=1&LICID=1399
Licencees Name	Rivalea (Australia) Pty Ltd
Licencees Address	Redlands Road Corowa NSW 2646
Substance Monitored	GROUNDWATER
Monitoring Frequency	Quarterly
Reporting period	28/08/2012 -28/08/2016
Published Date	28/09/2016

Sampling Date	Monitoring Point	DEPTH (m)	EC (uS/cm)	NITRATE (mgN/L)	pH (STANDARD UNITS)
12/09/2012	PIEZOMETER 14 (MP 24)	2.03	3800.00	240.00	7.30
	PIEZOMETER 15 (MP 6)	12.36	15500.00	26.00	7.10
	PIEZOMETER 16 (MP 29)	4.91	7900.00	22.00	7.50
	PIEZOMETER 17 (MP 29)	4.19	19500.00	13.50	7.35
	PIEZOMETER 18 (MP 29)	2.30	18500.00	7.00	7.10
	PIEZOMETER 19 (MP 30)	10.53	12500.00	15.00	7.15
	PIEZOMETER 2 (MP 5)	2.40	4400.00	160.00	7.60
	PIEZOMETER 4 (MP5)	4.62	16000.00	96.00	7.55
	PIEZOMETER 5 (MP 6)	1.02	3950.00	120.00	7.70
	PIEZOMETER 6 (MP 6)	9.28	29500.00	0.34	6.85
18/01/2013	PIEZOMETER 14 (MP 24)	2.52	3850.00	350.00	8.25
	PIEZOMETER 15 (MP 6)	12.28	16500.00	22.00	8.15
	PIEZOMETER 16 (MP 29)	3.80	6800.00	18.00	7.75
	PIEZOMETER 17 (MP 29)	4.10	17500.00	14.00	7.80
	PIEZOMETER 18 (MP 29)	2.54	13500.00	15.00	8.15
	PIEZOMETER 19 (MP 30)	10.43	14000.00	13.00	8.15
	PIEZOMETER 2 (MP 5)	2.78	4200.00	180.00	8.15
	PIEZOMETER 4 (MP5)	4.69	16500.00	110.00	8.00
	PIEZOMETER 5 (MP 6)	0.90	3800.00	120.00	8.55
	PIEZOMETER 6 (MP 6)	8.33	29500.00	0.44	7.70
24/05/2013	PIEZOMETER 14 (MP 24)	3.14	3650.00	180.00	7.30
	PIEZOMETER 15 (MP 6)	12.30	17000.00	11.50	7.25
	PIEZOMETER 16 (MP 29)	4.45	8400.00	12.50	7.50
	PIEZOMETER 17 (MP 29)	4.44	23500.00	7.00	7.20
	PIEZOMETER 18 (MP 29)	2.75	19500.00	4.40	7.20
	PIEZOMETER 19 (MP 30)	12.24	14500.00	5.90	7.25
	PIEZOMETER 2 (MP 5)	3.13	4100.00	115.00	7.65
	PIEZOMETER 4 (MP5)	4.90	17000.00	58.00	7.75
	PIEZOMETER 5 (MP 6)	1.44	3800.00	67.00	7.65
	PIEZOMETER 6 (MP 6)	8.06	31000.00	0.37	7.10

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6/08/2013	PIEZOMETER 14 (MP 24)	2.56	3550.00	260.00	7.25
	PIEZOMETER 16 (MP 29)	3.52	8300.00	21.50	7.60
	PIEZOMETER 17 (MP 29)	4.29	22500.00	12.00	6.95
	PIEZOMETER 18 (MP 29)	2.48	3750.00	15.50	7.80
	PIEZOMETER 19 (MP 30)	10.63	14500.00	13.00	7.10
	PIEZOMETER 2 (MP 5)	1.18	4700.00	210.00	7.50
	PIEZOMETER 4 (MP5)	4.45	17500.00	84.00	7.55
	PIEZOMETER 5 (MP 6)	0.76	3950.00	92.00	7.60
	PIEZOMETER 6 (MP 6)	8.01	30000.00	0.55	7.05
15/11/2013	PIEZOMETER 14 (MP 24)	2.03	3750.00	250.00	7.35
	PIEZOMETER 15 (MP 6)	12.33	17000.00	14.50	7.10
	PIEZOMETER 16 (MP 29)	3.28	6200.00	22.50	8.00
	PIEZOMETER 17 (MP 29)	4.41	24000.00	7.70	7.35
	PIEZOMETER 18 (MP 29)	2.60	10500.00	10.50	7.45
	PIEZOMETER 19 (MP 30)	10.10	14000.00	7.70	7.15
	PIEZOMETER 2 (MP 5)	2.38	4900.00	150.00	7.50
	PIEZOMETER 4 (MP5)	4.74	19000.00	26.50	7.30
	PIEZOMETER 5 (MP 6)	1.35	4350.00	76.00	7.50
	PIEZOMETER 6 (MP 6)	7.90	30500.00	1.95	6.95
14/02/2014	PIEZOMETER 14 (MP 24)	2.72	3450.00	210.00	7.30
	PIEZOMETER 16 (MP 29)	3.66	6100.00	14.00	7.65
	PIEZOMETER 17 (MP 29)	4.47	19500.00	6.60	7.30
	PIEZOMETER 18 (MP 29)	2.75	14500.00	4.70	7.00
	PIEZOMETER 19 (MP 30)	9.86	12500.00	6.80	7.15
	PIEZOMETER 2 (MP 5)	1.98	4300.00	135.00	7.55
	PIEZOMETER 4 (MP5)	4.83	16500.00	16.50	7.05
	PIEZOMETER 6 (MP 6)	7.88	24000.00	1.80	7.05
12/06/2014	PIEZOMETER 14 (MP 24)	0.38	3050.00	180.00	7.40
	PIEZOMETER 16 (MP 29)	1.58	1250.00	4.00	8.00
	PIEZOMETER 17 (MP 29)	4.26	18500.00	8.40	7.20
	PIEZOMETER 18 (MP 29)	2.43	3950.00	13.50	7.80
	PIEZOMETER 19 (MP 30)	5.97	870.00	30.00	7.25
	PIEZOMETER 2 (MP 5)	1.28	4500.00	150.00	7.50
	PIEZOMETER 4 (MP5)	4.89	16500.00	17.00	7.45
	PIEZOMETER 5 (MP 6)	1.01	3600.00	78.00	7.95
	PIEZOMETER 6 (MP 6)	7.82	24000.00	0.02	6.85
27/08/2014	PIEZOMETER 14 (MP 24)	0.83	2800.00	145.00	7.35
	PIEZOMETER 16 (MP 29)	1.69	2650.00	16.50	8.10
	PIEZOMETER 17 (MP 29)	4.01	18500.00	10.50	7.20
	PIEZOMETER 18 (MP 29)	2.24	13500.00	7.80	7.00
	PIEZOMETER 19 (MP 30)	7.12	2250.00	31.00	7.35
	PIEZOMETER 2 (MP 5)	1.55	4550.00	165.00	7.50

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27/08/2014	PIEZOMETER 4 (MP5)	4.70	16500.00	17.50	7.25
	PIEZOMETER 5 (MP 6)	0.82	3700.00	83.00	7.55
	PIEZOMETER 6 (MP 6)	7.88	24000.00	0.26	6.85
13/11/2014	PIEZOMETER 14 (MP 24)	1.71	4200.00	245.00	7.30
	PIEZOMETER 16 (MP 29)	1.73	4100.00	21.00	7.80
	PIEZOMETER 17 (MP 29)	3.94	18500.00	9.60	7.55
	PIEZOMETER 18 (MP 29)	2.26	13500.00	7.80	7.05
	PIEZOMETER 19 (MP 30)	8.48	8900.00	25.00	7.20
	PIEZOMETER 2 (MP 5)	2.01	4450.00	155.00	7.50
	PIEZOMETER 4 (MP5)	5.20	17000.00	19.00	7.05
	PIEZOMETER 5 (MP 6)	1.33	3600.00	75.00	7.50
	PIEZOMETER 6 (MP 6)	7.83	24000.00	0.01	6.80
4/12/2014	PIEZOMETER 14 (MP 24)	1.89	4100.00	245.00	7.30
4/02/2015	PIEZOMETER 14 (MP 24)	2.42	3750.00	285.00	7.25
	PIEZOMETER 16 (MP 29)	1.93	3000.00	20.00	8.05
	PIEZOMETER 17 (MP 29)	4.10	19000.00	10.50	7.40
	PIEZOMETER 18 (MP 29)	2.40	14500.00	8.00	7.05
	PIEZOMETER 19 (MP 30)	8.80	11000.00	17.50	7.15
	PIEZOMETER 2 (MP 5)	3.29	4250.00	190.00	7.40
	PIEZOMETER 4 (MP5)	5.21	17000.00	17.00	7.00
	PIEZOMETER 5 (MP 6)	1.65	3700.00	100.00	7.60
21/05/2015	PIEZOMETER 6 (MP 6)	7.77	23500.00	0.06	6.85
	PIEZOMETER 14 (MP 24)	2.37	3600.00	220.00	7.20
	PIEZOMETER 15 (MP 6)	12.42	17000.00	10.00	7.00
	PIEZOMETER 16 (MP 29)	2.92	5000.00	14.00	7.50
	PIEZOMETER 17 (MP 29)	4.24	18500.00	7.90	6.95
	PIEZOMETER 18 (MP 29)	2.59	15000.00	4.70	6.95
	PIEZOMETER 19 (MP 30)	8.98	12000.00	8.70	7.00
	PIEZOMETER 2 (MP 5)	3.56	4100.00	130.00	7.45
	PIEZOMETER 4 (MP5)	5.32	17000.00	12.00	6.95
	PIEZOMETER 5 (MP 6)	1.74	3650.00	80.00	7.55
	PIEZOMETER 6 (MP 6)	7.82	24000.00	0.10	6.80
25/09/2015	PIEZOMETER 14 (MP 24)	0.91	2450.00	105.00	7.30
	PIEZOMETER 16 (MP 29)	1.62	1300.00	0.96	7.55
	PIEZOMETER 17 (MP 29)	3.80	1750.00	1.10	7.70
	PIEZOMETER 18 (MP 29)	1.08	13000.00	6.80	7.20
	PIEZOMETER 19 (MP 30)	7.82	3650.00	21.50	7.00
	PIEZOMETER 2 (MP 5)	1.48	5000.00	215.00	7.50
	PIEZOMETER 4 (MP5)	5.16	17000.00	18.00	7.40
	PIEZOMETER 5 (MP 6)	1.01	3750.00	88.00	7.70
	PIEZOMETER 6 (MP 6)	7.63	24500.00	0.67	7.05
27/11/2015	PIEZOMETER 14 (MP 24)	1.99	3450.00	190.00	7.55

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27/11/2015	PIEZOMETER 16 (MP 29)	2.06	2750.00	6.60	7.80
	PIEZOMETER 17 (MP 29)	3.82	2000.00	1.20	8.05
	PIEZOMETER 18 (MP 29)	2.16	12500.00	5.50	7.50
	PIEZOMETER 19 (MP 30)	8.66	11500.00	7.40	7.35
	PIEZOMETER 2 (MP 5)	2.28	4800.00	170.00	8.10
	PIEZOMETER 4 (MP5)	5.21	17000.00	9.20	7.10
	PIEZOMETER 5 (MP 6)	2.12	3750.00	82.00	8.30
	PIEZOMETER 6 (MP 6)	7.64	23500.00	0.09	7.00
19/05/2016	PIEZOMETER 14 (MP 24)	3.67	3500.00	220.00	7.30
	PIEZOMETER 15 (MP 6)	12.08	17500.00	8.20	7.00
	PIEZOMETER 16 (MP 29)	2.23	5100.00	7.10	7.65
	PIEZOMETER 17 (MP 29)	4.19	2300.00	1.70	7.75
	PIEZOMETER 18 (MP 29)	2.47	15000.00	5.80	6.95
	PIEZOMETER 19 (MP 30)	8.89	13000.00	8.50	7.00
	PIEZOMETER 2 (MP 5)	2.06	4950.00	175.00	7.65
	PIEZOMETER 4 (MP5)	5.73	17500.00	1.70	7.10
	PIEZOMETER 5 (MP 6)	1.15	4300.00	83.00	7.55
	PIEZOMETER 6 (MP 6)	7.58	25000.00	0.13	7.15

Average				
Monitoring Point	DEPTH (m)	EC (uS/cm)	NITRATE (mgN/L)	pH (STANDARD UNITS)
PIEZOMETER 14 (MP 24)	2.08	3530.00	221.67	7.38
PIEZOMETER 15 (MP 6)	12.29	16750.00	15.37	7.27
PIEZOMETER 16 (MP 29)	2.81	4917.86	14.33	7.75
PIEZOMETER 17 (MP 29)	4.16	16110.71	7.98	7.41
PIEZOMETER 18 (MP 29)	2.36	12942.86	8.36	7.30
PIEZOMETER 19 (MP 30)	9.18	10369.29	15.07	7.23
PIEZOMETER 2 (MP 5)	2.24	4514.29	164.29	7.61
PIEZOMETER 4 (MP5)	4.97	17000.00	35.89	7.32
PIEZOMETER 5 (MP 6)	1.25	3838.46	88.00	7.75
PIEZOMETER 6 (MP 6)	7.96	26214.29	0.49	7.00

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