



January 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas, and Gas Accumulation Monitoring Results

Field							Inorganics					
Methane	Methane	Depth to groundwater (measured)	DO (Field)	Electrical Conductivity (Non Compensated)	pH (Field)	Temp (Field)	Ammonia as N	Alkalinity (total) as CaCO3	BOD	Chloride	Sodium (filtered)	TOC
%v/v	ppm	m	mg/L	µS/cm	-	oC	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL							0.01	1	2	1	1	1

Site ID	EPL No.	Location Code	Sampled Date	Methane	Methane	Depth to groundwater (measured)	DO (Field)	Electrical Conductivity (Non Compensated)	pH (Field)	Temp (Field)	Ammonia as N	Alkalinity (total) as CaCO3	BOD	Chloride	Sodium (filtered)	TOC
Woy Woy	8	W_S01	14 Jan 2025	-	-	-	3.17	182.8	4.64	24.2	<0.01	-	<2	-	-	5
Woy Woy	9	W_S02	14 Jan 2025	-	-	-	3.67	195.4	5.4	24	<0.01	-	<2	-	-	6
Woy Woy	10	W_S03	14 Jan 2025	-	-	-	4.88	480.9	6.86	25.7	0.33	-	3	-	-	7
Woy Woy	12	W_S05	14 Jan 2025	-	-	-	5.37	360.5	8.82	26.4	0.02	-	5	-	-	8
Woy Woy	13	W_S07	14 Jan 2025	-	-	-	4.47	143.9	4.82	26	<0.01	-	2	-	-	14
Woy Woy	14	W_S08	14 Jan 2025	-	-	-	3.21	348.6	6.67	24.9	0.04	-	3	-	-	10
Woy Woy	1/ 17	W_WW1	14 Jan 2025	0.0	-	2.14	0.59	288.8	5.45	22.6	<0.01	19	-	61	36	1
Woy Woy	2/ 18	W_WW2	14 Jan 2025	0.0	-	1.856	0.52	337	4.91	21.4	<0.01	2	-	101	48	<1
Woy Woy	3/ 19	W_WW3	14 Jan 2025	0.0	-	2.645	2.15	576	5.98	20	<0.01	75	-	115	88	2
Woy Woy	5/ 21	W_WW6	15 Jan 2025	0.0	-	6.16	2.65	439.4	4.04	23.3	0.85	<1	-	115	56	27
Woy Woy	6/ 22	W_WW7	14 Jan 2025	0.0	-	-	0.65	326.5	4.66	20	<0.01	4	-	64	55	<1
Woy Woy	24	Traverse 1	30 Jan 2025	-	13,000*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	25	Traverse 2	30 Jan 2025	-	5,820*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	26	Traverse 3	30 Jan 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	27	Traverse 4	30 Jan 2025	-	3,800*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	28	Traverse 5	30 Jan 2025	-	391*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	31	Lunch Room	30 Jan 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	32	Maintenance Shed	30 Jan 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-
Woy Woy	33	Weighbridge Office	30 Jan 2025	-	<5*	-	-	-	-	-	-	-	-	-	-	-

Notes: * denotes maximum concentration reported at each location

A copy of the Environment Protection Licence (EPL) can be viewed at:

[6053.pdf \(nsw.gov.au\)](https://www.nsw.gov.au/6053.pdf)

Condition M2.2 - Air Monitoring Requirements - Monthly Surface Gas, Quarterly Sub-Surface Gas, and Quarterly Gas Accumulation.

Condition M2.3 - Water and/ or Land Monitoring Requirements -

Quarterly/ Yearly Groundwater and Surface Water

Date pollution monitoring data was obtained by licensee: 20/02/2025



January 2025 - Groundwater, Surface Water, Surface Gas, Sub-Surface Gas, and Gas Accumulation Monitoring Results

	Metals			Physical		NA
	Calcium (filtered)	Magnesium (filtered)	Potassium (filtered)	Total Dissolved Solids @180°C	TSS	Sulfate as SO4 - Turbidimetric (filtered)
	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
EQL	1	1	1	10	5	1

Site ID	EPL No.	Location Code	Sampled Date	Calcium (filtered)	Magnesium (filtered)	Potassium (filtered)	Total Dissolved Solids @180°C	TSS	Sulfate as SO4 - Turbidimetric (filtered)
Woy Woy	8	W_S01	14 Jan 2025	-	-	-	-	7	-
Woy Woy	9	W_S02	14 Jan 2025	-	-	-	-	14	-
Woy Woy	10	W_S03	14 Jan 2025	-	-	-	-	14	-
Woy Woy	12	W_S05	14 Jan 2025	-	-	-	-	84	-
Woy Woy	13	W_S07	14 Jan 2025	-	-	-	-	<5	-
Woy Woy	14	W_S08	14 Jan 2025	-	-	-	-	68	-
Woy Woy	1/ 17	W_WW1	14 Jan 2025	12	5	2	172	-	18
Woy Woy	2/ 18	W_WW2	14 Jan 2025	<1	7	<1	200	-	7
Woy Woy	3/ 19	W_WW3	14 Jan 2025	10	16	2	324	-	30
Woy Woy	5/ 21	W_WW6	15 Jan 2025	<1	8	<1	250	-	24
Woy Woy	6/ 22	W_WW7	14 Jan 2025	2	6	2	192	-	32
Woy Woy	24	Traverse 1	30 Jan 2025	-	-	-	-	-	-
Woy Woy	25	Traverse 2	30 Jan 2025	-	-	-	-	-	-
Woy Woy	26	Traverse 3	30 Jan 2025	-	-	-	-	-	-
Woy Woy	27	Traverse 4	30 Jan 2025	-	-	-	-	-	-
Woy Woy	28	Traverse 5	30 Jan 2025	-	-	-	-	-	-
Woy Woy	31	Lunch Room	30 Jan 2025	-	-	-	-	-	-
Woy Woy	32	Maintenance Shed	30 Jan 2025	-	-	-	-	-	-
Woy Woy	33	Weighbridge Office	30 Jan 2025	-	-	-	-	-	-

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