GREAT DIVIDE MINING

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Level 12, 127 Creek Street Brisbane QLD 4000
ABN: 47 655 868 803

EPL 10265 Surface Water	Units	Point 4 - Sampling point for water stored in Goodwin Dam					
		100th percentile Concentration Limit	Date				
			22/01/2025	23/04/2025	22/07/2025	28/10/2025	22/01/2026
Fluoride	mg/L	2	0.75	0.53	0.83	0.45	1.0
pH**	No unit	6.5-8.5	7.4	7.2	7.6	7.5	7.1
Conductivity @ 25C^0	µS/cm	800	500	690	610	470	580
Total Suspended Solids	mg/L	50	<5	88	7	<5	<5
Biochemical Oxygen Demand (BOD_5)	mg/L	30	<5	<5	<5	<5	<5
Total Cyanide	mg/L	0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Oil and Grease	mg/L	10	<5	<5	<5	<5	<5
Total Aluminium	µg/L	5000	19	250	13	49	39
Total Arsenic	µg/L	500	<1	<1	<1	<1	<1
Total Cadmium	µg/L	10	<0.1	0.3	<0.1	<0.1	<0.1
Total Chromium	µg/L	1000	<1	<1	<1	<1	<1
Total Cobalt	µg/L	1000	<1	<1	<1	<1	<1
Total Copper	µg/L	400	<1	<1	1	1	<1
Total Lead	µg/L	100	<1	<1	<1	<1	<1
Total Molybdenum	µg/L	150	1	2	2	2	<1
Total Nickel	µg/L	1000	<1	<1	<1	<1	<1
Total Selenium	µg/L	20	<1	<1	<1	<1	<1
Total Zinc	µg/L	20000	<5	<5	<5	<5	<5
Total Mercury	mg/L	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Sulfate, SO_4	mg/L	---	110	240	190	130	180
Chemical Oxygen Demand	mg/L	---	43	52	26	32	32
Anionic Surfactants as MBAS	mg/L	---	0.3	<0.1	0.2	0.3	<0.1
Total Manganese	µg/L	1200	8	18	9	10	9

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EPL 10265 Surface Water	Units	Point 5 - Sampling of Challenger Dam					
		100th percentile Concentration Limit	Date				
			22/01/2025	23/04/2025	22/07/2025	28/10/2025	22/01/2026
Fluoride	mg/L	2	0.34	0.32	0.30	0.26	0.42
pH**	No unit	6.5-8.5	7.8	7.5	8.0	7.9	7.3
Conductivity @ 25C^0	µS/cm	800	410	390	440	380	450
Total Suspended Solids	mg/L	50	27	17	5	<5	51
Biochemical Oxygen Demand (BOD_5)	mg/L	30	<5	<5	<5	<5	<5
Total Cyanide	mg/L	0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Oil and Grease	mg/L	10	<5	<5	<5	<5	<5
Total Aluminium	µg/L	5000	51	200	260	16	130
Total Arsenic	µg/L	500	<1	<1	<1	<1	<1
Total Cadmium	µg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1
Total Chromium	µg/L	1000	<1	<1	<1	<1	<1
Total Cobalt	µg/L	1000	<1	<1	<1	<1	<1
Total Copper	µg/L	400	5	<1	1	<1	<1
Total Lead	µg/L	100	1	<1	<1	<1	<1
Total Molybdenum	µg/L	150	<1	1	<1	<1	<1
Total Nickel	µg/L	1000	10	<1	1	<1	<1
Total Selenium	µg/L	20	<1	<1	<1	<1	<1
Total Zinc	µg/L	20000	9	<5	<5	<5	<5
Total Mercury	mg/L	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Sulfate, SO_4	mg/L	---	51	61	110	76	87
Chemical Oxygen Demand	mg/L	---	41	52	32	32	25
Anionic Surfactants as MBAS	mg/L	---	<0.1	0.2	0.3	0.2	<0.1
Total Manganese	µg/L	1200	8	34	23	9	34

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EPL 10265 Surface Water	Units	Point 6 - RW monitoring D/S of discharge point (Caledonia Creek)					
		100th percentile Concentration Limit	Date				
			22/01/2025	23/04/2025	22/07/2025	28/10/2025	22/01/2026
Fluoride	mg/L	2	0.34	0.15	0.24	0.27	0.55
pH**	No unit	6.5-8.5	7.3	7.0	7.5	7.5	7.1
Conductivity @ 25C^0	µS/cm	800	510	560	410	470	570
Total Suspended Solids	mg/L	50	7	9	19	<5	29
Biochemical Oxygen Demand (BOD_5)	mg/L	30	<5	<5	<5	<5	<5
Total Cyanide	mg/L	0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Oil and Grease	mg/L	10	<5	<5	<5	<5	<5
Total Aluminium	µg/L	5000	<5	16	18	82	**230**
Total Arsenic	µg/L	500	2	2	<1	2	<1
Total Cadmium	µg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1
Total Chromium	µg/L	1000	<1	<1	<1	<1	<1
Total Cobalt	µg/L	1000	<1	<1	<1	<1	<1
Total Copper	µg/L	400	<1	<1	3	2	<1
Total Lead	µg/L	100	<1	<1	<1	<1	<1
Total Molybdenum	µg/L	150	2	2	2	3	<1
Total Nickel	µg/L	1000	<1	<1	<1	1	<1
Total Selenium	µg/L	20	<1	<1	<1	<1	<1
Total Zinc	µg/L	20000	<5	<5	<5	<5	**6**
Total Mercury	mg/L	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Sulfate SO_4	mg/L	---	**8.6**	**45**	**55**	**21**	**8.3**
Chemical Oxygen Demand	mg/L	---	29	**21**	**29**	**33**	**15**
Anionic Surfactants as MBAS	mg/L	---	<0.1	<0.1	<0.1	**0.1**	<0.1
Total Manganese	µg/L	1200	**180**	**490**	**18**	**110**	**170**

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EPL 10265 Ground Water	Units	Point 8- GW monitoring				
		100th percentile Concentration Limit	Date			
			22/01/2025	23/04/2025	22/07/2025	28/10/2025
Chloride	mg/L	---	N.S	N.S	13	N.S
Sulphate (SO_4)	mg/L	---	N.S	N.S	110	N.S
pH**	No unit	6.5–8.5	N.S	N.S	6.3	N.S
Total Suspended Solids	mg/L	50	N.S	N.S	230	N.S
Bicarbonate	mg/L	---	N.S	N.S	37	N.S
Alkalinity (Calcium)	mg/L	---	N.S	N.S	37	N.S
Total Cyanide	mg/L	0.0007	N.S	N.S	<0.004	N.S
Methylene Blue Active Substances	mg/L	---	N.S	N.S	<0.1	N.S
Dissolved Calcium	mg/L	1000	N.S	N.S	**24**	N.S
Dissolved Magnesium	mg/L	---	N.S	N.S	**18**	N.S
Dissolved Sodium	mg/L	---	N.S	N.S	**23**	N.S
Dissolved Potassium	mg/L	---	N.S	N.S	**2.1**	N.S
Dissolved Copper	mg/L	0.0001	N.S	N.S	**3**	N.S
Hydrocarbons	mg/L	---	N.S	N.S	<5	N.S
Standing Water Levels	mbgl		N.S	N.S		N.S

I.S -	Insufficient Sample due to ground water level.
N.S -	No sampling because groundwater bore dry.
mbgl -	Metres below ground level

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EPL 10265 Ground Water	Units	Point 10- GW monitoring				
		100th percentile Concentration Limit	Date			
			21/01/2025	23/04/2025	22/07/2025	28/10/2025
Chloride	mg/L	---	I.S	N.S	7.9	I.S
Sulphate (SO_4)	mg/L	---	I.S	N.S	130	76
pH**	No unit	6.5–8.5	I.S	N.S	6.7	6.9
Total Suspended Solids	mg/L	50	I.S	N.S	240	500
Bicarbonate	mg/L	---	X	N.S	43	I.S
Alkalinity (Calcium)	mg/L	---	I.S	N.S	43	I.S
Total Cyanide	mg/L	0.0007	<0.004	N.S	<0.004	<0.004
Methylene Blue Active Substances	mg/L	---		N.S	<0.1	<0.1
Dissolved Calcium	mg/L	1000	I.S	N.S	29	I.S
Dissolved Magnesium	mg/L	---	I.S	N.S	16	I.S
Dissolved Sodium	mg/L	---	I.S	N.S	21	I.S
Dissolved Potassium	mg/L	---	I.S	N.S	2.5	I.S
Dissolved Copper	mg/L	0.0001	I.S	N.S	2	I.S
Hydrocarbons	mg/L	---	4	N.S	16	I.S
Standing Water Levels	mbgl		--	N.S	0.902	0.88

I.S -	Insufficient Sample due to ground water level.
N.S -	No sampling because groundwater bore dry.
mbgl -	Metres below ground level

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EPL 10265
DUST SAMPLING

	Date	20/12/2024	21/1/2025	24/2/2025	27/3/2025	23/4/2025	27/5/2025	26/6/2025	22/7/2025	19/8/2025	23/09/205	28/10/2025	25/11/2025	18/12/2025	21/1/2026	24/2/2025	27/3/2025
EPL11	g/m²/30 days	1.6	0.7	1.0	0.5	0.5	0.7	0.7	0.5	0.3	0.7	0.6	1.1	0.7	0.9	1.0	0.5
EPL12	g/m²/30 days	5.0	1.8	3.1	7.9	4.8	3.8	19.0	0.7	29.0	2.1	1.1	0.6	3.7	2.8	3.1	7.9
EPL13	g/m²/30 days	0.7	1.1	1.0	1.0	0.6	0.3	0.5	0.4	2.1	1.2	3.8	1.8	0.6	1.0	1.0	1.0
EPL14	g/m²/30 days	4.7	1.8	1.0	0.8	0.7	0.6	0.6	0.5	1.2	1.3	2.3	2.9	1.0	3.2	1.0	0.8
EPL15	g/m²/30 days	0.5	1.0	1.0	0.9	0.8	0.5	0.6	0.2	0.6	0.6	0.7	0.9	0.6	0.8	1.0	0.9

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EPL 10265
DAM DISCHARGE SAMPLING

Sample Date Spillway Discharge / Analyte Name	Units	EPL LIMIT	10/12/2024	5/8/2025	12/8/2025	19/8/2025	26/8/2025	2/9/2025	9/9/2025	23/9/2025	30/9/2025
Total Aluminium	µg/L	5000	370	160	98	63	65	75	32	41	60
Total Arsenic	µg/L	500	<1	<1	<1	<1	<1	<1	<1	<1	<1
Biochemical Oxygen Demand (BOD_5)	mg/L	30	<5	<5	<5	<5	<5	<5	<5	<5	<5
Total Cadmium	µg/L	10	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
Total Chromium	µg/L	1000	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Cobalt	µg/L	1000	<2	<1	<1	<1	<1	<1	<1	<1	<1
Conductivity @ $25C^0$	µS/cm	800	330	370	360	360	380	370	360	340	360
Total Copper	µg/L	400	2	2	2	1	2	2	2	1	1
Total Cyanide	mg/L	20	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004	<0.004
Fluoride	mg/L	2	0.34	<1	0.14	<0.1	0.12	0.28	0.14	0.26	0.23
Total Lead	µg/L	100	<1	<1	<1	<1	<1	<1	<1	<1	<1
Total Mercury	mg/L	0.002	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001	<0.0001
Chemical Oxygen Demand	mg/L	---	56	28	24	28	26	26	25	24	24
Manganese	µg/L	---	39	9	10	11	8	7	4	6	5
Anionic Surfactants as MBAS	mg/L	---	0.1	0.2	0.2	0.2	0.2	0.1	0.2	0.2	<0.1
Total Molybdenum	µg/L	150	<1	<1	1	<1	<1	<1	<1	<1	<1
Total Nickel	µg/L	1000	1	<1	<1	<1	<1	<1	<1	<1	<1
Oil and Grease	mg/L	10	<5	<5	<5	<5	<5	<5	<5	<5	<5
pH**	pH	6.5-8.5	7.4	6.9	7.6	7.5	7.5	7.2	7.7	6.5	7.6
Total Selenium	µg/L	20	<1	<1	<1	<1	<1	<1	<1	2	<1
Sulfate (SO_4)	mg/L	---	46	79	84	86	89	84	79	69	74
Total Suspended Solids	mg/L	50	8	<5	<5	<5	<5	<5	<5	<5	<5
Total Zinc	µg/L	20,000	<5	<5	<5	<5	<5	<5	<5	<5	<5