EPL 12407 GROUNDWATER	Sample ID	Belleview 3 MB	Cooboobindi MB	GW3115	IBC2102	IBC2103	IBC2104	IBC2105	IBC2110	IBC2111	IBC2181	MW6	Victoria Park MB	MWP01	MWP02	MWP03	MWP04	MWP05	MWP06	MWP07
	Sample Date	21/06/2022	21/06/2022	21/06/2022					23/06/2022	22/06/2022	22/06/2022	22/06/2022	21/06/2022					1/06/2022		1/06/2022
Analyte grouping/Analyte	Units				Removed-mining progression	Removed-mining progression	Removed-mining progression	Removed-mining progression						Dry	Dry	Dry	Dry		Dry	
Standing Water Level	mgbl	10.28	9.17	23.08					7.51	7.42	102.4	4.61	10.96					3.99		10.32
In Situ Temperature	°C	21.4	20.3	18.3					19.4	22	23	20.2	22.2					17.2		19.1
EA005: pH																				
pH Value	pH Unit	7.23	7.55	7.57					7.94	6.81	7.07	7.06	7.34					7.09		7.27
In situ pH	pH Unit	7.06	7.39	7.58					7.85	6.74	6.94	6.99	7.15					7.01		6.86
EA010: Conductivity																				
Electrical Conductivity @ 25°C	µS/cm	999	1080	3130					1980	2360	631	2280	739					12800		2370
In situ Conductivity	µS/cm	1031	1141	3200					2040	2530	643	2306	738					12760		2441
EA025: Total Suspended Solids dried at 104 ± 2°C																				
Suspended Solids (SS)	mg/L																			
ED037: Alkalinity																				
Hydroxide Alkalinity as CaCO3	mg/L	<1	<1	<1					<1	<1	<1	<1	<1					<1		<1
Carbonate Alkalinity as CaCO3	mg/L	<1	<1	<1					7	<1	<1	<1	<1					<1		<1
Bicarbonate Alkalinity as CaCO3	mg/L	301	351	601					386	560	276	576	341					242		457
Total Alkalinity (pH 4.5)	mg/L	301	351	601					393	560	276	576	341					242		457
ED041: Sulfate (Turbidimetric) as SO4 2-																				
Sulfate as SO4 - Turbidimetric	mg/L	79	65	171					84	98	24	69	21					533		119
ED045.WN: Chloride																				
Chloride	mg/L	111	123	564					366	418	22	378	22					3540		444
ED093T: Total Major Cations																				
Calcium	mg/L	54	45	61					16	136	57	77	44					454		163
Magnesium	mg/L	23	20	16					5	41	19	31	18					185		52
Sodium	mg/L	110	190	642					429	353	58	403	102					1970		289
Potassium	mg/L	1	3	4					3	5	9	6	2							
EG020F: Dissolved Metals by ICP-MS																				
Arsenic	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001	0.002	<0.001	<0.001					<0.001		<0.001
Cadmium	mg/L	<0.0001	<0.0001	<0.0001					<0.0001	<0.0001	<0.0001	<0.0001	<0.0001					0.0003		<0.0001
Chromium	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001	<0.001	<0.001	<0.001					<0.001		0.001
Copper	mg/L	0.001	<0.001	<0.001					<0.001	0.002	<0.001	0.006	0.001					0.025		0.023
Lead	mg/L	<0.001	<0.001	<0.001					<0.001	<0.001	<0.001	<0.001	<0.001					<0.001		<0.001
Manganese	mg/L	0.154	0.04	0.092					0.041	0.004	0.038	0.008	0.136					0.101		0.003
Nickel	mg/L	0.009	0.002	<0.001					0.002	<0.001	0.002	<0.001	<0.001					0.003		<0.001
Zinc	mg/L	0.037	<0.005	0.053					<0.005	0.117	0.009	0.085	0.033					0.158		0.021
Iron	mg/L	<0.05	0.29	1.73					<0.05	<0.05	0.07	<0.05	<0.05					<0.05		<0.05
EK055A: Ammonia as N																				
Ammonia as N	mg/L	0.01	0.6	0.08					0.01	<0.01	0.46	0.02	0.02					0.04		0.04
Nitrite as N	mg/L	<0.01	<0.01	<0.01					<0.01	<0.01	<0.01	<0.01	<0.01					0.02		0.02
Nitrate as N	mg/L	0.88	0.03	<0.01					<0.01	3.77	0.01	2.35	<0.01					1.54		5.59
Nitrite + Nitrate as N	mg/L	0.88	0.03	<0.01					<0.01	3.77	0.01	2.35	<0.01					1.56		5.61
Total Nitrogen as N	mg/L	0.9	1	<0.1					<0.1	4	9.6	2.6	<0.1					1.6		6.1
EK067A: Total Phosphorus as P																				
Total Phosphate	mg/L	0.08	0.18	<0.01					0.05	0.02	1.2	0.04	0.05					0.04		0.13
EK071A: Reactive Phosphorus as P																				
Reactive Phosphorus as P	mg/L	0.02	0.07	<0.01					0.02	0.02	<0.01	0.02	0.05					0.02		<0.01