

RESOURCES THERMOMETER

I FOUND THE YELLOW CAKE

Q1 2024



Commodities



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EXECUTIVE SUMMARY



Argonaut PCF is pleased to present the first quarter edition of the Resources Thermometer for 2024.

The outlook for global growth showed signs of improvement during the first quarter as inflation in key economies trended towards the target range of 2 – 3%. Ongoing economic uncertainty remains due to China's property crisis, deepening deflation, stock market rout and mounting local government debt. In response, Beijing has commenced implementing fiscal stimulus measures to assist with the recovery.

In 2023, the London Bullion Market Association (LBMA) gold price averaged US\$1,940/oz supported by demand from central banks and investors. Gold prices have held up well despite downward pressure from high real yields, ETF outflows and a strong US dollar. In 2024, gold prices are expected to remain steady, averaging US\$2,020/oz with expectations of monetary easing in the US and other major economies.

Copper prices remained relatively flat during the first quarter due to the weak outlook for construction and manufacturing in key markets such as the United States, Europe and ex-China Asia. Subsequent to the first quarter, copper prices increased towards US\$10,000/t fuelled by a mine-supply shock and higher than expected consumption. The benchmark London Metals Exchange (LME) copper price is expected to average US\$8,340/t for the remainder of 2024.

Oversupply from Indonesia and China has resulted in a nickel market surplus that is forecast to persist in the medium term. Leveraging Chinese investment and technology, Indonesia produced significant quantities of low-cost nickel, using high pressure acid leaching (HPAL) to extract the mineral from large scale laterite ore bodies. After surpassing US\$30,000/t in January 2023, the LME nickel price has fallen ~45% to average US\$16,600/t during the first quarter. Despite oversupply forecasts until 2025, low inventory levels are being observed in the LME and Shanghai Futures exchanges.

Iron ore prices were supported by Beijing's in-country stimulus measures during the first quarter, averaging around US\$130/t in January – February. In early March, iron ore prices fell sharply to reach a seven-month low due to the Chinese property sector outlook remaining bleak despite the stimulus. The downward pressure on iron ore prices is expected to continue due to a rapid build-up of Chinese iron ore inventories amid slow growth in steel output.

Rapid adoption of electric vehicles (EVs) pushed lithium prices higher throughout 2021 – 22 where they reached US\$6,400/t SC6. In 2023, there was a significant increase in investment into lithium production resulting in a sharp rise in global lithium supply. In February 2024, the spodumene price fell to average US\$1,000/t, while lithium hydroxide fell to average US\$13,350/t due to mounting inventories and de-stocking in China. Lithium spodumene SC6 prices are forecast to remain around US\$1,000/t in the near term.

Supply disruptions and renewed interest in nuclear power is expected to drive uranium prices back above US\$100/lb by the end of 2024. Prices are expected to continue to rise with supply shortfalls indicative of years of under-investment and other hurdles including sulfuric acid shortages, weather events and the US import ban of nuclear fuel from Russia adding to the positive backdrop. There is mounting speculation regarding the positive outlook for uranium prices, and this is expected to be driven by political decisions surrounding the adoption of nuclear energy.

M&A activity remained subdued and significantly lower during the first quarter of 2024 on a year-on-year basis. The total transaction value of US\$4.0b across 30 deals was 26% lower quarter-on-quarter, resulting in an average deal value of \$134m. Gold was the standout commodity for M&A accounting for US\$3.8b in deal value across 22 deals. Copper recorded the second highest deal value of US\$149m across two deals, followed by uranium other commodity transactions.



Source: S&P Global Market Intelligence. Minimum of \$5 million deal value. Global transactions

During the first quarter, Argonaut advised on several transactions. Some of the most notable included the Horizon Minerals' \$38m Scheme of Arrangement with Greenstone Resources (Argonaut acted as financial adviser to Horizon), the \$62m Off-Market Takeover of Linden Gold by Brightstar Resources (Argonaut acted as financial adviser to Linden), Magnetic Resources' \$12m placement (Argonaut acted as Joint Lead Manager), Brightstar Resources' \$12m placement (Argonaut acted as Joint Lead Manager) and WIA Gold's \$16.9M placement (Argonaut acted as Lead Manager). Subsequent to the first quarter, Westgold announced it would be merging with Karora Resources Inc. under a \$2.4b Plan of Arrangement (Argonaut is acting as sole financial adviser).



SNAPSHOT + ARGONAUT PCF 150

ARGONAUT PCF 150	 The market value of the Argonaut PCF 150 as at 31 March 2024 was ~A\$654B, a ~9.3% decrease from ~A\$721B on 31 December 2023. The market value of the Argonaut PCF 150C as at 31 March 2024 was ~C\$479B, a ~5.2% increase from ~C\$455B on 31 December 2023.
PRICE PERFORMANCE	 Gold Producers were up ~4%, whilst Explorers and Developers decreased ~4% on average. Copper companies were up by ~5% while Nickel companies fell by ~15% on average. Iron ore companies were down ~4% on average for the quarter. Lithium companies were down ~25% on average over the quarter. Uranium companies were up ~12% on average over the quarter. Zinc companies decreased on average by ~15%.
LIQUIDITY AND SHORT POSITIONS	 Gold stock liquidity was 5.1% while short positions increased marginally by 1.2% to 1.5%. Copper stock liquidity increased by 1.1% during the quarter to 3.8%. Copper short positions increased slightly to 1%. Nickel stock liquidity increased from 5.5% to 7.0%, whilst short positions increased marginally to 1.9%. Iron ore stock liquidity increased by 0.3% to 3.1%. Iron ore short positions increased from 0.6% to 0.8%. Lithium stock liquidity increased by 1.2% to 13.4% and short positions also rose slightly from 4.0% to 4.1%. Uranium stock liquidity measured 10.8% and shorts 1.6% during the first quarter of inclusion in the Resources Thermometer. Zinc stock liquidity decreased slightly to 1.6% from 2.5%, whilst short positions remained flat at 0.6%.
NOTABLE TRANSACTIONS AND NEWS	 On 5 February 2024, Red 5 Limited (ASX: RED) ("Red 5") and Silver Lake Resources Limited (ASX: SLR) ("Silver Lake") announced that they had entered into a binding Scheme Implementation Deed, under which, the companies would merge via a Scheme of Arrangement (the "Transaction"). Under the Transaction, Red 5 would acquire 100% of the outstanding shares in Silver Lake for consideration of 3.434 Red 5 shares for every 1 Silver Lake share held, implying a value of \$1.13 per Silver Lake (an approximate 10% discount to Silver Lake's previous week's closing price). Upon implementation of the Transaction, Red 5 and Silver Lake shareholders were expected to hold 51.7% and 48.3% of the combined entity respectively. The Transaction would immediately create a \$2.2b ASX-listed gold producer with a production profile of 445kozpa. On 16 February 2024, Metals Acquisition Corp. Limited (ASX: MAC) ("Metals Acquisition") announced it had successfully raised \$325 million under its initial public offering ("IPO") by way of a prospectus to dual list on the Australia Securities Exchange ("ASX"). On 20 February 2024, Metals Acquisition commenced trading on the ASX with a market capitalisation of \$1.2 billion. On 8 April 2024, Westgold Resources Limited (ASX: WGX) ("Westgold") and Karora Resources Inc (TSX: KRR) ("Karora") announced that they had entered into an Arrangement Agreement, under which, Westgold would acquire 100% of the issued and outstanding shares in Karora by way of a statutory Plan of Arrangement under the Canadian Business Corporations Business Act ("Plan"). Under the Plan, Karora shareholders will receive 2.524 Westgold fully paid shares, A\$0.68 in cash and 0.3 of a share in a company to be de-merged from Karora share (\$1,233 million market capitalisation) based on Westgold's closing share price on the ASX of A\$2.28 on 5 April 2024. The Plan would create a leading +400kozpa mid-tier ASX-listed gold producer with a pro-forma market capitalisation of \$2.4b (per latest Westgold ASX disclosure).<

ARGONAUT PCF 150



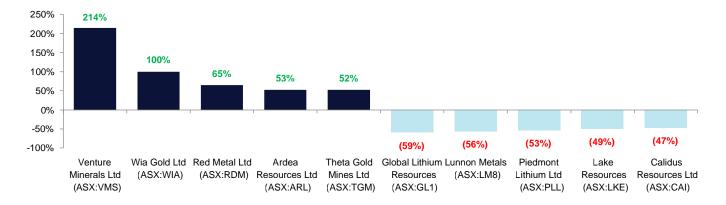
TOP 150 ASX LISTED RESOURCE COMPANIES - as at 31 March 2024 BY MARKET CAPITALISATION

NEW ENTRANTS

NEW EXITS

- 119 Wia Gold Ltd (ASX:WIA)
- 144 Venture Minerals Ltd (ASX:VMS)
- 146 Toro Energy (ASX:TOE)
- 150 Red Metal Ltd (ASX:RDM)
- 154 Centrex Metals Ltd (ASX:CXM)
- 165 Zenith Minerals Ltd (ASX:ZNC)
- 168 Infinity Lithium Corporation Ltd (ASX:INF)
- 231 Industrial Minerals Ltd (ASX:IND)

WINNERS AND LOSERS: MARKET CAPITALISATION



TOP 150 ASX LISTED RESOURCE COMPANIES

Rank			Mkt Cap (A\$M)		%	Rank			Mkt Cap (A\$M)		%
Mar24	Dec23	Company	Current	Dec23	Change	Mar24	Dec23	Company	Current	Dec23	Change
1	1	BHP Group Ltd	\$224,330.6	\$255,444.0	(12.2%)	26	25	Emerald Resources NL	\$1,828.3	\$1,878.2	(2.7%)
2	2	Rio Tinto Ltd	\$197,431.8	\$219,970.4	(10.2%)	27	21	Gold Road Resources Ltd	\$1,708.3	\$2,124.6	(19.6%)
3	3	Fortescue Metals Group Ltd	\$79,052.5	\$89,264.7	(11.4%)	28	27	Azure Minerals Ltd	\$1,674.2	\$1,697.1	(1.4%)
4	4	Northern Star Resources Ltd	\$16,616.7	\$15,675.1	6.0%	29	28	Regis Resources Ltd	\$1,522.0	\$1,646.6	(7.6%)
5	6	Mineral Resources Ltd	\$13,769.9	\$13,600.9	1.2%	30	33	Red 5 Ltd	\$1,315.6	\$1,073.3	22.6%
6	5	South32 Ltd	\$13,536.0	\$15,024.9	(9.9%)	31	34	Westgold Resources Ltd	\$1,240.9	\$1,032.5	20.2%
7	7	Pilbara Minerals Ltd	\$11,526.3	\$11,887.4	(3.0%)	32	36	West African Resources Ltd	\$1,231.6	\$969.9	27.0%
8	8	Evolution Mining Ltd	\$7,072.3	\$7,823.0	(9.6%)	33	30	Patriot Battery Metals Ltd	\$1,220.8	\$1,481.3	(17.6%)
9	New	NexGen Energy Ltd	\$6,369.2	\$5,284.9	20.5%	34	31	Adriatic Metals PLC	\$1,156.3	\$1,173.9	(1.5%)
10	9	IGO Ltd	\$5,343.9	\$6,840.5	(21.9%)	35	32	Silver Lake Resources Ltd	\$1,152.9	\$1,106.4	4.2%
11	New	Paladin Energy Ltd	\$4,087.2	\$2,938.6	39.1%	36	New	Deep Yellow Ltd	\$1,020.2	\$833.0	22.5%
12	13	Sandfire Resources Ltd	\$4,062.7	\$3,354.3	21.1%	37	37	Resolute Mining Ltd	\$915.5	\$947.4	(3.4%)
13	11	Champion Iron Ltd	\$3,838.9	\$4,348.2	(11.7%)	38	35	Alpha HPA Ltd	\$821.7	\$980.5	(16.2%)
14	14	Nickel Mines Ltd	\$3,471.5	\$2,978.6	16.5%	39	39	Wildcat Resources Ltd	\$783.2	\$831.1	(5.8%)
15	17	Iluka Resources Ltd	\$3,071.0	\$2,811.2	9.2%	40	43	Tietto Minerals Ltd	\$694.9	\$689.2	0.8%
16	18	Perseus Mining Ltd	\$2,953.2	\$2,541.1	16.2%	41	51	Lotus Resources	\$689.8	\$491.5	40.4%
17	12	Liontown Resources Ltd	\$2,833.7	\$3,996.3	(29.1%)	42	50	Spartan Resources Ltd	\$624.9	\$496.1	26.0%
18	20	De Grey Mining Ltd	\$2,341.9	\$2,323.3	0.8%	43	42	WA1 Resources Ltd	\$622.1	\$711.0	(12.5%)
19	23	Bellevue Gold Ltd	\$2,162.7	\$1,921.8	12.5%	44	44	Develop Global Ltd	\$577.4	\$686.6	(15.9%)
20	24	Ramelius Resources Ltd	\$2,114.4	\$1,915.5	10.4%	45	New	Bannerman Resources Ltd	\$563.9	\$410.0	37.5%
21	15	Coronado Global Resources Inc.	\$2,095.6	\$2,950.6	(29.0%)	46	45	Mount Gibson Iron Ltd	\$517.8	\$662.3	(21.8%)
22	22	Genesis Minerals Ltd	\$2,040.2	\$1,968.8	3.6%	47	47	Grange Resources Ltd	\$509.2	\$538.2	(5.4%)
23	26	Capricorn Metals Ltd	\$1,943.2	\$1,777.2	9.3%	48	52	Vulcan Energy Resources Ltd	\$493.8	\$490.4	0.7%
24	New	Boss Energy Ltd	\$1,931.2	\$1,631.6	18.4%	49	49	Meteoric Resources NL	\$487.6	\$517.4	(5.8%)
25	19	Zimplats Holdings Ltd	\$1,830.9	\$2,344.3	(21.9%)	50	55	Ora Banda Mining Ltd	\$478.1	\$409.8	16.7%

ARGONAUT PCF 150



Ra	ank		Mkt Ca	p (A\$M)	%	Ra	Rank		Mkt Cap (A\$M)		%
Mar24	Dec23	Company	Current	Dec23	Change	Mar24	Dec23	Company	Current	Dec23	Change
51	53	Predictive Discovery Ltd	\$467.2	\$436.0	7.1%	101	111	Xanadu Mines Ltd	\$100.3	\$100.3	0.0%
52	57	Arafura Resources Ltd	\$465.3	\$374.5	24.2%	102	110	Canyon Resources Ltd	\$99.9	\$101.3	(1.4%)
53	60	Jupiter Mines Ltd	\$440.9	\$323.3	36.4%	103	117	New World Resources Ltd	\$99.8	\$88.5	12.8%
54	46	Chalice Gold Mines Ltd	\$420.1	\$659.3	(36.3%)	104	112	Caravel Minerals Ltd	\$99.6	\$97.0	2.7%
55	41	Sayona Mining Ltd	\$401.4	\$730.8	(45.1%)	105	103	Encounter Resources Ltd	\$98.6	\$116.7	(15.5%)
56	40	Piedmont Lithium Ltd	\$387.3	\$828.7	(53.3%)	106	88	European Lithium Ltd	\$97.6	\$146.4	(33.3%)
57	56	Alkane Resources Ltd	\$377.1	\$395.3	(4.6%)	107	99	Carnaby Resources Ltd	\$96.9	\$129.5	(25.2%)
58	61	Red Hill Iron Ltd	\$361.1	\$319.5	13.0%	108	105	Legacy Iron Ore Ltd	\$96.1	\$108.9	(11.8%)
59	62	Ioneer Ltd	\$337.8	\$316.7	6.7%	109	113	Beacon Minerals Ltd	\$93.9	\$93.9	0.0%
60	48	Core Lithium Ltd	\$331.2	\$534.2	(38.0%)	110	76	Lake Resources N.L.	\$93.9	\$184.9	(49.2%)
61	64	Pantoro Ltd	\$327.9	\$296.6	10.5%	111	108	Australian Vanadium Ltd	\$85.6	\$105.7	(19.0%)
62	67	Metals X Ltd	\$327.9	\$290.0	22.4%	112	120	Orion Minerals Ltd	\$81.8	\$81.8	0.0%
63	58	Kingsgate Consolidated Ltd	\$314.5	\$354.4	(11.3%)	113	104	Ionic Rare Earths Ltd	\$81.3	\$111.3	(26.9%)
64	59	BCI Minerals Ltd	\$297.8	\$346.2	(14.0%)	114	96	Neometals Ltd	\$80.9	\$130.8	(38.1%)
65	65	OreCorp Ltd	\$297.6	\$267.6	0.0%	115	122	Kin Mining NL	\$78.9	\$78.9	0.0%
66	71	Firefly Metals Ltd	\$267.0	\$207.8	15.1%	116	134	Tigers Realm Coal Ltd	\$78.4	\$65.3	20.0%
67	75	Aurelia Metals Ltd			40.9%	117	124	Rand Mining Ltd	\$77.9	\$77.9	0.0%
68	75		\$261.9	\$185.9		118	119	KGL Resources Ltd	\$76.6	\$87.9	(12.9%)
	68	Silver Mines Ltd	\$238.7	\$224.7	6.2%	119	164	Wia Gold Ltd	\$75.5	\$37.7	100.0%
69	70	Magnetic Resources NL	\$230.0	\$249.6	(7.8%)	120	129	Ausgold Ltd	\$73.5	\$73.5	0.0%
70 71	77	Alligator Energy Laramide Resources	\$227.9 \$211.5	\$227.9	14.9%	121	133	Mayur Resources Ltd	\$70.6	\$65.6	7.7%
				\$184.1		122	95	Calidus Resources Ltd	\$70.4	\$131.5	(46.5%)
72	87	Tribune Resources Ltd	\$199.4	\$154.8	28.8%	123	123	Terramin Australia Ltd	\$69.8	\$78.3	(10.8%)
73	81	Northern Minerals Ltd	\$195.1	\$177.3	10.0%	123	132		\$69.8	\$66.8	4.3%
74	74	Argosy Minerals Ltd	\$189.6	\$189.6	0.0%	125	126	Peel Mining Ltd	\$68.3	\$75.9	(10.0%)
75	73	Fenix Resources Ltd	\$184.0	\$197.8	(7.0%)	125	102	Black Cat Syndicate Ltd	\$67.6	\$118.9	(43.2%)
76	78	Bathurst Resources Ltd	\$166.5	\$183.7	(9.4%)	127	102	Jervois Mining Ltd Andromeda Metals Ltd	\$65.3	\$77.7	(43.2%)
77	85	AIC Mines Ltd	\$164.2	\$159.6	2.9%	127	139	Investigator Resources Ltd	\$63.1	\$58.5	7.9%
78	New	Peninsula Energy Ltd	\$157.6	\$132.4	19.0%	129	146	Coziron Resources Ltd	\$62.5	\$49.5	26.2%
79	86	Strickland Metals Ltd	\$157.0	\$157.0	0.0%	130	128	S2 Resources Ltd	\$62.5	\$74.6	(18.2%)
80	92	Aeris Resources Ltd	\$150.0	\$140.3	6.9%		131	Rox Resources Ltd	\$60.9	\$68.3	
81	66	Centaurus Metals Ltd	\$148.5	\$264.7	(43.9%)	131	109			\$104.4	(10.8%)
82	69	Galan Lithium Ltd	\$146.7	\$243.9	(39.9%)		118	Dreadnought Resources Ltd	\$59.1		(43.3%)
83	New	Elevate Uranium Ltd	\$146.5	\$137.3	6.7%	133		European Metals Holdings Ltd	\$58.1	\$88.1	(34.1%)
84	83	St Barbara Ltd	\$143.1	\$171.8	(16.7%)	134	97	Lunnon Metals Ltd	\$57.5	\$130.2	(55.8%)
85	114	Ardea Resources Ltd	\$142.8	\$93.6	52.6%	135	141	Galileo Mining Ltd	\$55.3	\$56.3	(1.8%)
86	82	Catalyst Metals Ltd	\$140.9	\$177.2	(20.5%)	136	136	Havilah Resources Ltd	\$53.8	\$61.7	(12.8%)
87	89	Zeta Resources Ltd	\$137.9	\$145.9	(5.5%)	137	127	Nova Minerals Ltd	\$52.7	\$75.9	(30.6%)
88	100	Hot Chili Ltd	\$131.4	\$129.0	1.9%	138	142	Iron Road Ltd	\$52.5	\$55.0	(4.5%)
89	63	Global Lithium Resources Ltd	\$130.1	\$313.6	(58.5%)	139	143	Focus Minerals Ltd	\$51.6	\$53.0	(2.7%)
90	80	Hillgrove Resources Ltd	\$130.0	\$179.7	(27.7%)	140	137	VRX Silica Ltd	\$51.3	\$61.3	(16.2%)
91	106	Red Hawk Mining Ltd	\$129.4	\$107.7	20.1%	141	115	Element 25 Ltd	\$50.5	\$92.2	(45.2%)
92	101	Rex Minerals Ltd	\$128.4	\$127.4	0.8%	142	138	Rumble Resources Ltd	\$49.7	\$58.9	(15.5%)
93	121	Theta Gold Mines Ltd	\$123.7	\$81.3	52.2%	143	130	Antipa Minerals Ltd	\$49.6	\$70.3	(29.4%)
94	107	DevEx Resources Ltd	\$123.5	\$105.9	16.7%	144	233	Venture Minerals Ltd	\$48.6	\$15.5	214.3%
95	91	Atlantic Lithium Ltd	\$122.1	\$143.3	(14.8%)	145	135	Jindalee Resources Ltd	\$48.4	\$62.9	(23.1%)
96	98	Cokal Ltd	\$118.7	\$129.5	(8.3%)	146	New	Toro Energy Ltd	\$48.3	\$45.4	6.4%
97	79	Anson Resources Ltd	\$115.7	\$180.0	(35.7%)	147	147	Indiana Resources Ltd	\$48.0	\$49.2	(2.5%)
98	116	Newfield Resources Ltd	\$108.4	\$90.3	20.0%	148	140	Anglo Australian Resources NL	\$47.6	\$57.9	(17.8%)
99	90	VHM Ltd	\$105.7	\$143.3	(26.2%)	149	149	Titan Minerals Ltd	\$47.4	\$47.4	0.0%
100	84	Aura Energy Ltd	\$102.8	\$165.1	(37.7%)	150	190	Red Metal Ltd	\$46.2	\$28.0	64.9%

ARGONAUT PCF 150C



TOP 150 TSX & TSX-V LISTED RESOURCE COMPANIES – as at 31 March 2024 BY MARKET CAPITALISATION

NEW ENTRANTS

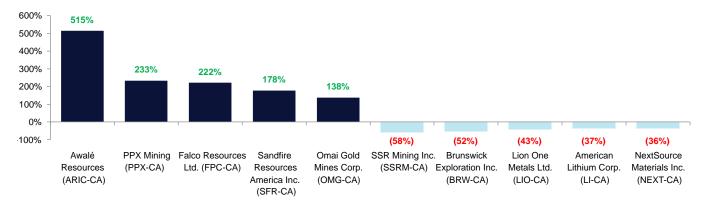
130 Century Lithium Corp. (LCE-CA)

- 132 Minaurum Gold Inc. (MGG-CA)
- 133 Oroco Resource Corp. (OCO-CA)
- 135 Northisle Copper and Gold Inc. (NCX-CA)
- 139 Avino Silver & Gold Mines Ltd. (ASM-CA)
- 144 Falco Resources Ltd. (FPC-CA)

NEW EXITS

- 151 Emerita Resources Corp. (EMO-CA)
- 156 GoviEx Uranium Inc. (GXU-CA)
 - 158 Fury Gold Mines Ltd. (FURY-CA)
 - 161 Brunswick Exploration Inc. (BRW-CA)
 - 163 Wallbridge Mining Co. Ltd. (WM-CA)
- 328 Gabriel Resources Ltd. (GBU-CA)

WINNERS AND LOSERS: MARKET CAPITALISATION



TOP 150 TSX LISTED RESOURCE COMPANIES

Ra	ınk		Mkt Ca	p (C\$M)	%	Ra	ink		Mkt Cap (C\$M)		%
Mar24	Dec23	Company	Current	Dec23	Change	Mar24	Dec23	Company	Current	Dec23	Change
1	1	Newmont Corp.	\$55,910.7	\$62,899.4	(11.1%)	26	29	Equinox Gold Corp	\$2,643.9	\$2,015.6	31.2%
2	4	Agnico Eagle Mines Ltd.	\$40,221.1	\$35,916.6	12.0%	27	27	Denison Mines Corp.	\$2,361.1	\$2,061.6	14.5%
3	2	Barrick Gold Corp.	\$39,553.0	\$42,027.2	(5.9%)	28	25	First Majestic Silver Corp.	\$2,283.4	\$2,332.8	(2.1%)
4	3	Nutrien Ltd.	\$36,394.9	\$36,918.0	(1.4%)	29	35	IAMGOLD Corp.	\$2,231.1	\$1,607.5	38.8%
5	6	Teck Resources Ltd.	\$32,105.3	\$29,113.1	10.3%	30	32	OceanaGold Corp.	\$2,164.6	\$1,796.7	20.5%
6	7	Franco-Nevada Corp.	\$31,017.1	\$28,197.4	10.0%	31	30	Sandstorm Gold Royalties Ltd.	\$2,115.1	\$1,972.6	7.2%
7	5	Wheaton Precious Metals Corp.	\$28,905.8	\$29,612.4	(2.4%)	32	38	Dundee Precious Metals Inc.	\$1,868.8	\$1,538.4	21.5%
8	8	Cameco Corp.	\$25,460.1	\$24,786.7	2.7%	33	28	Labrador Iron Ore Royalty Corp.	\$1,848.3	\$2,041.6	(9.5%)
9	9	Ivanhoe Mines Ltd.	\$20,512.2	\$15,684.2	30.8%	34	33	Centerra Gold Inc	\$1,724.4	\$1,707.0	1.0%
10	13	First Quantum Minerals Ltd.	\$12,136.2	\$7,525.6	61.3%	35	46	Torex Gold Resources Inc.	\$1,714.2	\$1,255.6	36.5%
11	11	Lundin Mining Corp.	\$10,729.3	\$8,383.9	28.0%	36	43	Seabridge Gold Inc.	\$1,710.2	\$1,341.1	27.5%
12	10	Kinross Gold Corp.	\$10,203.8	\$9,846.2	3.6%	37	44	NGEx Minerals Ltd.	\$1,642.2	\$1,337.7	22.8%
13	15	Alamos Gold Inc.	\$7,923.5	\$7,072.0	12.0%	38	42	ORLA Mining Ltd.	\$1,616.3	\$1,358.3	19.0%
14	12	Pan American Silver Corp.	\$7,446.4	\$7,882.8	(5.5%)	39	36	Ivanhoe Electric Inc.	\$1,595.5	\$1,582.2	0.8%
15	14	Endeavour Mining Corp.	\$6,745.0	\$7,301.3	(7.6%)	40	45	New Gold Inc.	\$1,563.2	\$1,314.2	18.9%
16	18	Capstone Mining Corp.	\$6,547.9	\$4,479.9	46.2%	41	37	Fortuna Silver Mines Inc.	\$1,542.1	\$1,562.9	(1.3%)
17	17	NexGen Energy Ltd.	\$5,681.5	\$4,841.5	17.3%	42	47	Wesdome Gold Mines Ltd.	\$1,502.9	\$1,148.4	30.9%
18	16	B2Gold Corp.	\$4,625.9	\$5,449.2	(15.1%)	43	40	K92 Mining Inc.	\$1,473.3	\$1,522.4	(3.2%)
19	19	Lundin Gold Inc.	\$4,534.3	\$3,925.0	15.5%	44	41	MAG Silver Corp.	\$1,471.1	\$1,419.7	3.6%
20	20	Osisko Gold Royalties Ltd.	\$4,126.1	\$3,501.5	17.8%	45	39	Energy Fuels Inc.	\$1,385.4	\$1,531.9	(9.6%)
21	21	Eldorado Gold Corp.	\$3,867.8	\$3,489.3	10.8%	46	34	Novagold Resources Inc	\$1,354.2	\$1,654.2	(18.1%)
22	26	China Gold Int. Res. Corp. Ltd.	\$3,425.0	\$2,212.0	54.8%	47	50	Foran Mining Corp.	\$1,269.2	\$1,001.3	26.8%
23	24	Hudbay Minerals Inc.	\$3,324.9	\$2,543.5	30.7%	48	22	SSR Mining Inc.	\$1,220.9	\$2,899.3	(57.9%)
24	23	Filo Mining Corp.	\$3,091.3	\$2,759.3	12.0%	49	60	Calibre Mining Corp.	\$1,191.5	\$630.6	89.0%
25	31	Ero Copper Corp.	\$2,684.1	\$1,957.5	37.1%	50	48	Alphamin Resources Corp.	\$1,173.3	\$1,147.8	2.2%

ARGONAUT PCF 150C



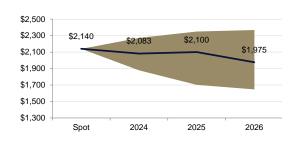
Ra	ınk		Mkt C	ap (C\$M)	%	R	ank		Mkt C	ар (С\$М)	%
Mar24	Dec23	Company	Current	Dec23	Change	Mar24	Dec23	Company	Current	Dec23	Change
51	49	Patriot Battery Metals Inc.	\$1,111.4	\$1,137.5	(2.3%)	101	130	Orogen Royalties Inc.	\$174.1	\$123.8	40.6%
52	51	Osisko Mining Inc.	\$1,032.9	\$992.1	4.1%	102	140	Mawson Resources Ltd.	\$173.9	\$106.4	63.4%
53	55	enCore Energy Corp.	\$1,001.5	\$839.0	19.4%	103	91	Freegold Ventures Ltd.	\$172.9	\$219.3	(21.2%)
54	53	Altius Minerals Corp.	\$970.5	\$870.9	11.4%	104	116	Forsys Metals Corp.	\$171.7	\$148.3	15.8%
55	54	Karora Resources Inc	\$889.9	\$853.1	4.3%	105	125	G2 Goldfields Inc.	\$165.6	\$133.9	23.6%
56	52	Allied Gold Corp.	\$852.5	\$880.0	(3.1%)	106	119	Zenyatta Ventures Ltd.	\$163.3	\$146.3	11.7%
57	59	G Mining Ventures Corp.	\$845.9	\$631.0	34.1%	107	110	Platinum Group Metals Ltd.	\$160.9	\$153.6	4.8%
58	65	Taseko Mines Ltd.	\$845.3	\$537.0	57.4%	108	109	Sierra Metals Inc.	\$159.9	\$155.8	2.7%
59	56	Fission Uranium Corp.	\$809.4	\$814.2	(0.6%)	109	101	Fireweed Zinc Ltd.	\$159.5	\$172.5	(7.6%)
60	61	SilverCorp. Metals Inc.	\$782.2	\$610.0	28.2%	110	136	Lithium Chile Inc.	\$158.8	\$109.3	45.3%
61	57	Aura Minerals Inc.	\$754.9	\$671.1	12.5%	111	124	Minsud Resources Corp.	\$155.9	\$134.6	15.9%
62	62	ARIS Mining Corp.	\$670.8	\$602.3	11.4%	112	120	Tanzanian Royalty Exploration Corp.	\$147.9	\$141.6	4.5%
63	73	Rusoro Mining Ltd.	\$655.3	\$356.4	83.9%	113	88	Robex Resources Inc.	\$147.7	\$227.9	(35.2%)
64	66	Endeavour Silver Corp.	\$651.0	\$519.2	25.4%	114	108	Thor Explorations Ltd.	\$147.6	\$157.5	(6.3%)
65	58	IsoEnergy Ltd.	\$626.3	\$636.7	(1.6%)	115	111	Laramide Resources Ltd.	\$146.5	\$153.3	(4.5%)
66	64	Ur-Energy Inc.	\$608.3	\$537.3	13.2%	116	98	Lucara Diamond Corp.	\$144.3	\$175.4	(17.7%)
67	67	Reunion Gold Corp.	\$561.5	\$513.2	9.4%	117	118	Minera Alamos Inc.	\$143.4	\$148.0	(3.1%)
68	63	Skeena Resources Ltd	\$546.4	\$565.7	(3.4%)	118	94	Largo Resources Ltd.	\$142.8	\$195.4	(26.9%)
69	77	Amaroq Minerals Ltd.	\$453.8	\$316.4	43.4%	119	128	Almonty Industries Inc.	\$142.7	\$126.3	13.0%
70	76	Colonial Coal International Corp.	\$438.3	\$339.1	29.2%	120	93	Critical Elements Corp.	\$141.6	\$202.5	(30.1%)
71	70	Argonaut Gold Inc.	\$425.5	\$406.5	4.7%	121	131	Erdene Resource Development Corp.	\$141.2	\$122.3	15.5%
72	72	Metalla Royalty and Streaming Ltd.	\$380.2	\$364.9	4.2%	122	97	Nevada Copper Corp.	\$140.0	\$181.9	(23.1%)
73	81	Perpetua Resources	\$361.0	\$264.5	36.5%	123	103	Mandalay Resources Corp.	\$137.5	\$170.0	(19.1%)
74	74	Imperial Metals Corp.	\$348.0	\$352.9	(1.4%)	124	122	NioCorp. Developments Ltd.	\$128.5	\$139.9	(8.2%)
75	71	GoGold Resources Inc.	\$340.4	\$371.1	(8.3%)	125	115	Mega Uranium Ltd.	\$125.9	\$149.6	(15.9%)
76	80	Western Copper and Gold Corp.	\$336.6	\$284.6	18.3%	126	104	Talon Metals Corp.	\$125.9	\$167.8	(25.0%)
77	75	Los Andes Copper Ltd.	\$322.0	\$348.1	(7.5%)	127	149	Moneta Porcupine Mines Inc.	\$123.0	\$91.5	34.4%
78	69	New Pacific Metals Corp.	\$315.0	\$428.9	(26.6%)	128	150	STLLR Gold Inc.	\$123.0	\$91.5	34.4%
79	79	Orezone Gold Corp.	\$309.7	\$309.7	0.0%	129	138	Chesapeake Gold Corp.	\$117.2	\$107.4	9.0%
80	85	Entree Resources Ltd.	\$298.4	\$235.2	26.9%	130	166	Century Lithium Corp.	\$115.2	\$71.7	60.8%
81	83	EMX Royalty Corp.	\$262.6	\$239.0	9.9%	131	127	Rock Tech Lithium Inc.	\$114.2	\$130.6	(12.6%)
82	148	Sandfire Resources America Inc.	\$255.8	\$92.1	177.8%	132	157	Minaurum Gold Inc.	\$113.7	\$82.5	37.8%
83	87	Amerigo Resources Ltd.	\$255.5	\$229.1	11.5%	133	158	Oroco Resource Corp.	\$112.2	\$81.0	38.4%
84	82	Itafos	\$253.5	\$249.7	1.5%	134	133	Sherritt International Corp.	\$111.2	\$117.2	(5.1%)
85	92	Probe Metals Inc.	\$253.0	\$217.3	16.4%	135	155	Northisle Copper and Gold Inc.	\$110.7	\$85.2	30.0%
86	114	Lumina Gold Corp.	\$245.3	\$149.7	63.9%	136	102	NextSource Materials Inc.	\$110.7	\$172.2	(35.7%)
87	89	Northern Dynasty Minerals Ltd.	\$225.2	\$227.9	(1.2%)	137	106	E3 Lithium Ltd.	\$110.4	\$165.9	(33.5%)
88	84	GoldMining Inc.	\$218.8	\$237.7	(8.0%)	138	141	Liberty Gold Corp.	\$109.7	\$106.3	3.2%
89	86	Collective Mining Ltd	\$217.4	\$229.9	(5.4%)	139	152	Avino Silver & Gold Mines Ltd.	\$109.2	\$86.8	25.8%
90	90	Dolly Varden Silver Corp.	\$213.9	\$221.6	(3.4%)	140	105	Eloro Resources Ltd.	\$107.6	\$166.8	(35.5%)
91	123	Jaguar Mining Inc.	\$207.2	\$139.2	48.9%	141	139	Graphite One Resources Inc.	\$106.8	\$106.8	0.0%
92	134	SouthGobi Resources Ltd.	\$203.8	\$115.2	76.9%	142	143	Thesis Gold Inc.	\$104.4	\$102.7	1.7%
93	95	AbraPlata Resource Corp.	\$200.6	\$189.3	6.0%	143	129	Laurion Mineral Exploration Inc.	\$104.0	\$125.1	(16.8%)
94	96	Fission 3.0 Corp.	\$199.1	\$183.1	8.7%	144	237	Falco Resources Ltd.	\$100.5	\$31.2	221.7%
95	78	American Lithium Corp.	\$197.5	\$311.3	(36.6%)	145	99	Lion One Metals Ltd.	\$100.3	\$175.4	(42.8%)
96	100	Frontier Lithium Inc.	\$188.9	\$173.0	9.2%	146	135	First Mining Gold Corp.	\$99.6	\$112.0	(11.1%)
97	121	Amex Exploration Inc.	\$182.7	\$141.4	29.2%	147	147	Meridian Mining S.E.	\$98.2	\$92.2	6.6%
98	113	International Tower Hill Mines Ltd.	\$179.7	\$150.8	19.2%	148	142	Banyan Gold Corp.	\$97.2	\$104.0	(6.5%)
99	117	Regulus Resources Inc.	\$176.8	\$148.2	19.3%	149	132	Copper Fox Metals Inc.	\$95.0	\$117.3	(19.0%)
100	112	Dynacor Gold Mines Inc.	\$176.4	\$152.8	15.5%	150	145	Cornish Metals Inc.	\$93.7	\$93.7	0.0%
100	112	2, nacor cola mines inc.	ψ170.4	ψ102.0	13.370	150	145	Cornish wetdis inc.	ֆყ≾./	৯ 93./	0.0%

CONSENSUS COMMODITY

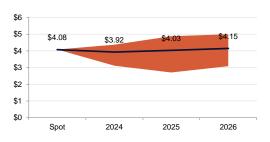


PRICE FORECASTS

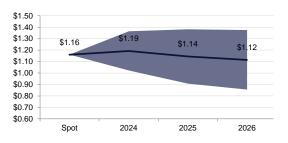
GOLD (US\$/oz)



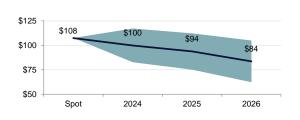
COPPER (US\$/lb)



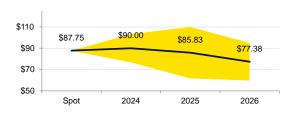
ZINC (US\$/lb)



IRON ORE FINES 62% (US\$/MT)

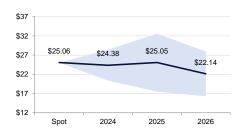


URANIUM (US\$/lb)

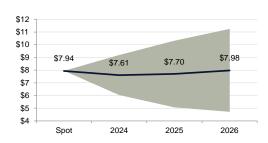


Source: Consensus Estimates - Median / High / Low as at 31 March 2024

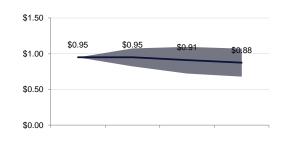
SILVER (US\$/oz)



NICKEL (US\$/lb)



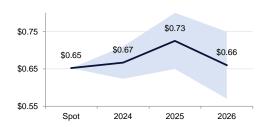
LEAD (US\$/lb)



LITHIUM SPODUMENE (US\$/t)



AUD:USD







In 2023, the London Bullion Market Association (LBMA) gold price averaged US\$1,940/oz supported by demand from central banks and investors. Gold prices held up well despite downward pressure from high real yields, ETF outflows and a strong US dollar. In 2024, gold prices are expected to remain steady, averaging US\$2,020/oz with expectations of monetary easing in the US and other major economies.

According to the World Gold Council data for declared purchases, China was the largest buyer, adding 225t to its gold reserves in 2023, followed by the National Bank of Poland purchasing 130t, raising its gold reserves by 57% year-on-year.

Globally, gold supply is forecast to grow towards 5,050t by 2025 with increasing world gold mine production supported by further strength in recycling activity.

In the short term, Newmont's 4t per year Penasquito mine is expected to return to full production. Gold Fields' Salares Norte project remains under construction with first gold delayed to April and steady state expected in 2025.

In Australia, production at Newmont's Cadia mine in NSW fell by 22% year-on-year due to lower grade and reduced mill throughput from major planned activities in the year. Production at Northern Star's KCGM operation was 9.7% lower year-on-year due to planned increases in waste material movement (rather than ore) ahead of the transition to the higher-grade Golden Pike North cutback.

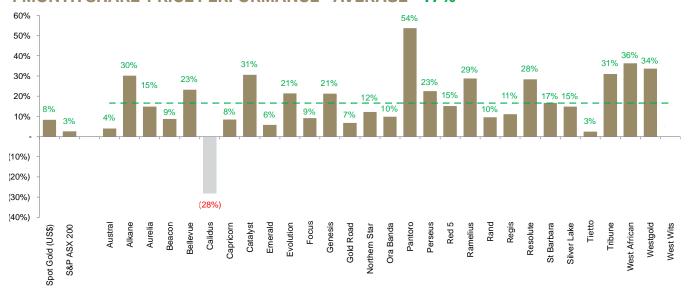
Genesis' Mount Morgans' 2.8Mtpa operation remained on care and maintenance following suspension of operations in April.

GOLD PRODUCERS

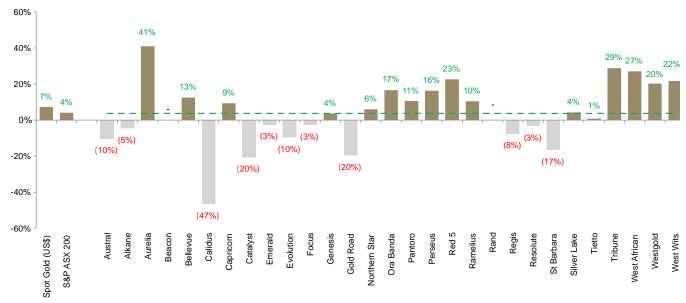


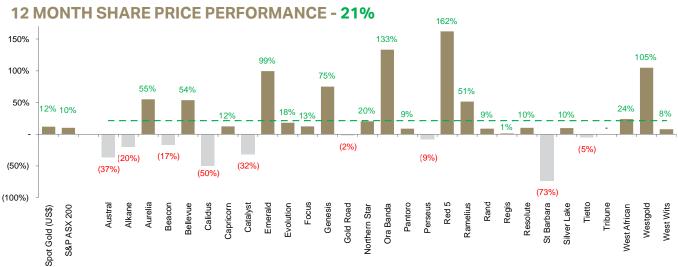
ASX - Relative Performance

1 MONTH SHARE PRICE PERFORMANCE - AVERAGE - 17%



3 MONTH SHARE PRICE PERFORMANCE - 4%





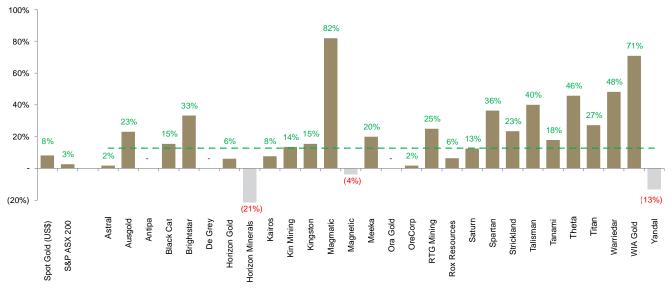
 $Note: Where no \ \% \ is shown, there is no \ reportable \ performance for \ that \ period \ i.e., \ due \ to \ delisting \ or \ not \ yet \ being \ listed.$

GOLD DEVELOPERS & EXPLORERS

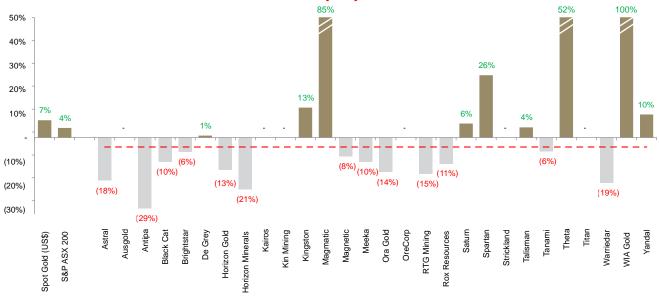


ASX - Relative Performance

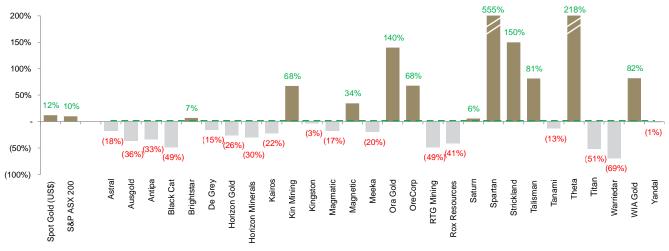
1 MONTH SHARE PRICE PERFORMANCE AVERAGE - 13%



3 MONTH SHARE PRICE PERFORMANCE - (4%)



12 MONTH SHARE PRICE PERFORMANCE - 2%



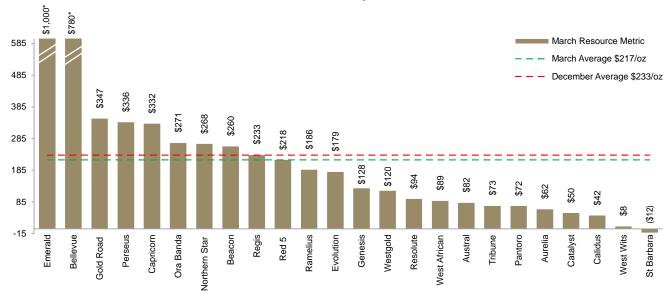
Note: where no % is shown, there is no reportable performance for that period i.e. due to delisting, or not yet being listed.

Display on this page limited to companies with market cap >A\$30m. Full Gold Explorer and Developer list used to calculate averages.

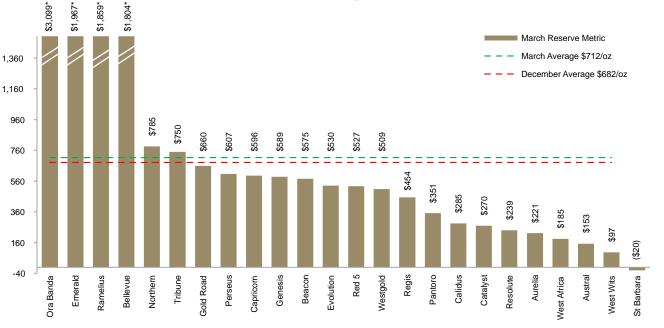
GOLD PEER COMPANY VALUATIONS



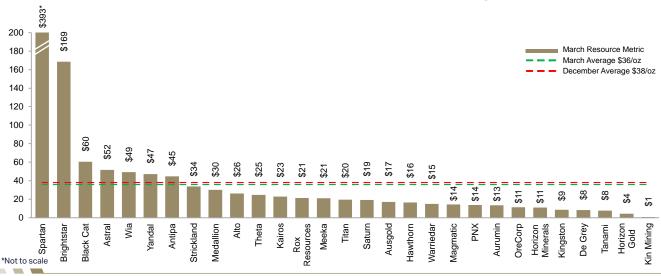
ASX PRODUCERS - EV / RESOURCE (A\$/oz AuEq)



ASX PRODUCERS - EV / RESERVE (A\$/oz AuEq)



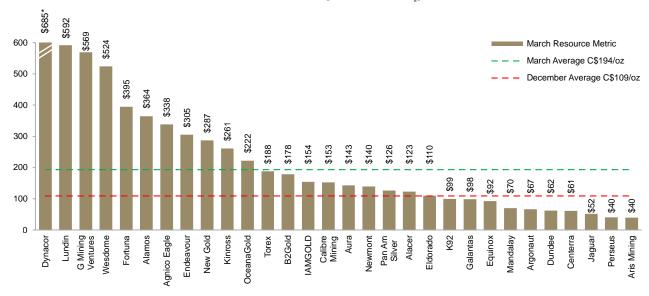
ASX EXPLORERS & DEVELOPERS - EV / RESOURCE (A\$/oz AuEq)



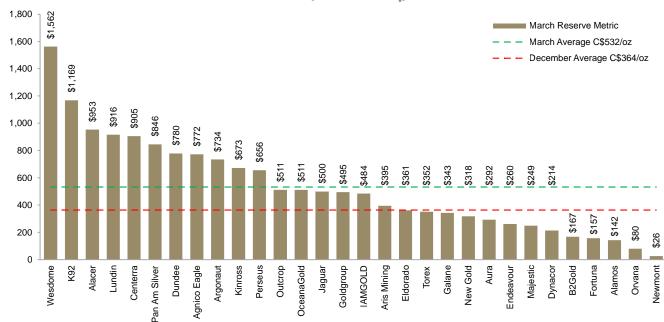
GOLD PEER COMPANY VALUATIONS



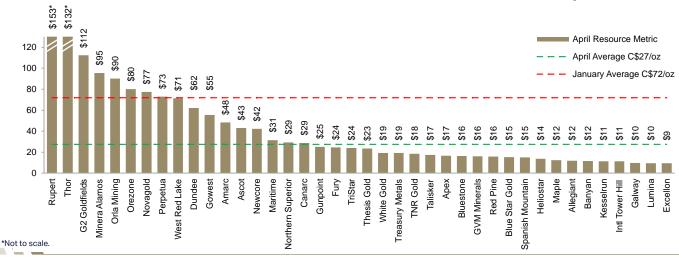
TSX / TSX-V PRODUCERS - EV / RESOURCE (C\$/oz AuEq)



TSX/TSX-V PRODUCERS – EV / RESERVE (C\$/oz AuEq)



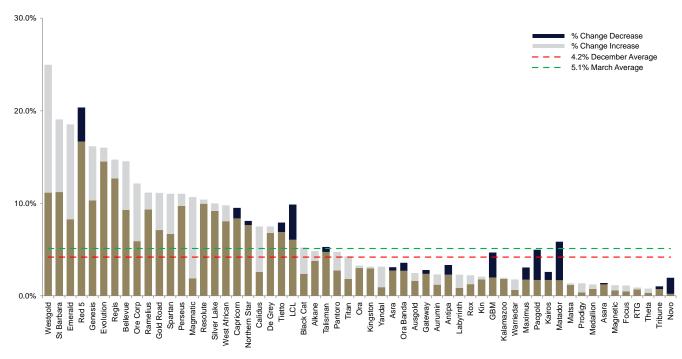
TSX/TSX-V EXPLORERS AND DEVELOPERS – EV / RESOURCES (C\$/oz AuEq)



GOLD SECTOR LIQUIDITY / SHORTS



GOLD SECTOR LIQUIDITY

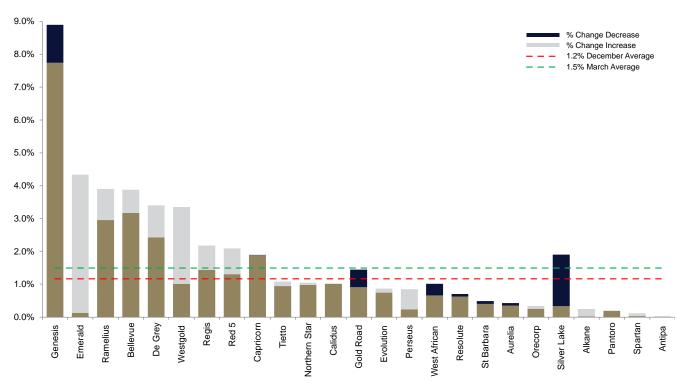


N.B. Bar Chart illustrates share turnover as a percentage of total shares on issue, from largest to smallest.

An increase in share turnover is represented by the light grey bar on top of the prior recorded share turnover (represented by the gold bar).

A decrease in share liquidity is represented by the dark blue bar falling to the gold bar component.

GOLD SECTOR SHORT POSITIONS



 $N.B.\ Bar\ Chart\ illustrates\ reported\ short\ positions\ as\ a\ percentage\ of\ total\ shares\ on\ issue,\ from\ largest\ to\ smallest\ result.$

An increase in short positions (month-on-month) is represented by a light grey bar, on top of the prior months short positions being the gold bar.

A decrease in short positions (month-on-month) is represented by the dark blue bar representing the prior months short positions falling to the gold bar component.

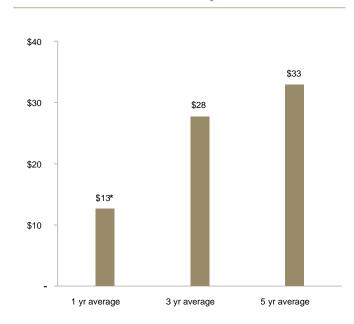
Data analysed from 31/12/2023 to 31/03/2024

GOLD TRANSACTION METRICS

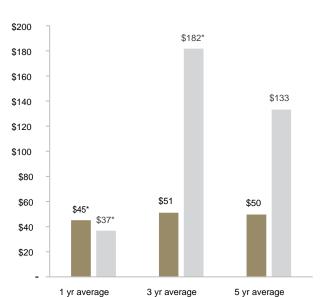


Resource and Reserves Multiples
Transaction Multiples based on US\$2,214 /oz as at 31 March 2024

EXPLORATION (US\$/oz AuEq)

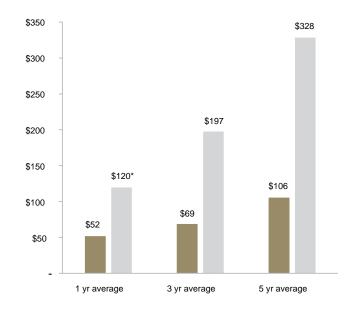


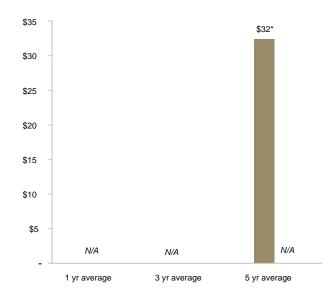
DEVELOPMENT (US\$/oz AuEq)



OPERATION (US\$/oz AuEq)







Resource Reserve

 $N. B. Transaction\ Metrics\ are\ derived\ from\ transactions\ normalised\ to\ account\ for\ movements\ in\ commodity\ prices.\ Completed\ transactions\ only.$

^{*}Denotes metric is derived from three transaction results or less.





Cu

Copper prices remained relatively flat during the first quarter due to the weak outlook for construction and manufacturing in key markets such as the United States, Europe and ex-China Asia. Subsequent to the first quarter, the copper price increased towards US\$10,000/t fuelled by a mine-supply shock and higher than expected consumption. The benchmark London Metals Exchange (LME) copper price is expected to average US\$8,340/t for the remainder of 2024.

Australian copper exports are expected to reach \$13.4 billion in FY25 from \$12.8 billion in FY24. The increase is largely due to fewer weather-related disruptions and a range of new projects coming online alongside expansions of existing operations, such as Hillgrove Resources' Kanmantoo project and the consolidation of the Copper South Australia asset owned by BHP which comprises Olympic Dam, Carrapateena and Prominent Hill.

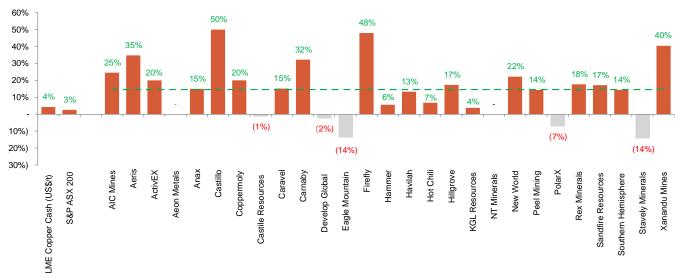
Copper prices are expected to average around US\$8,600/t for the remainder of 2024, with low levels of global inventories posing a further upside risk to the expected US\$9,400/t average for 2025.

COPPER STOCKS

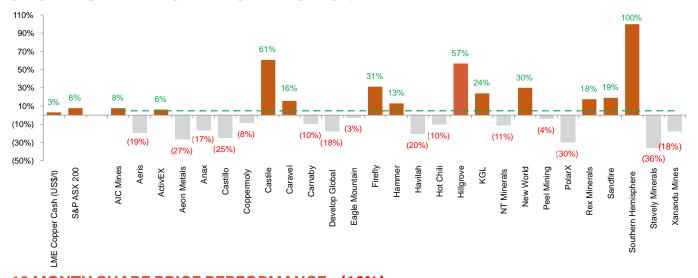
ARGONAUT PCF

Relative Performance

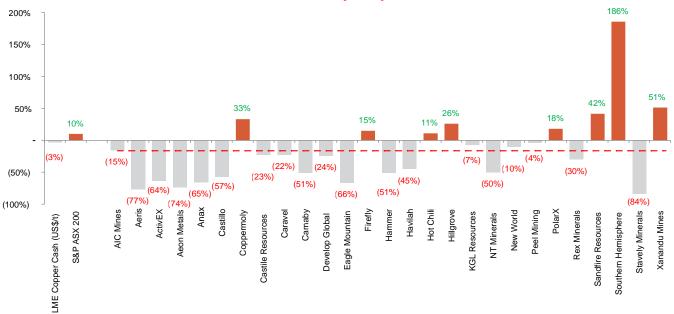
1 MONTH SHARE PRICE PERFORMANCE - 15%



3 MONTH SHARE PRICE PERFORMANCE - 5%



12 MONTH SHARE PRICE PERFORMANCE - (16%)

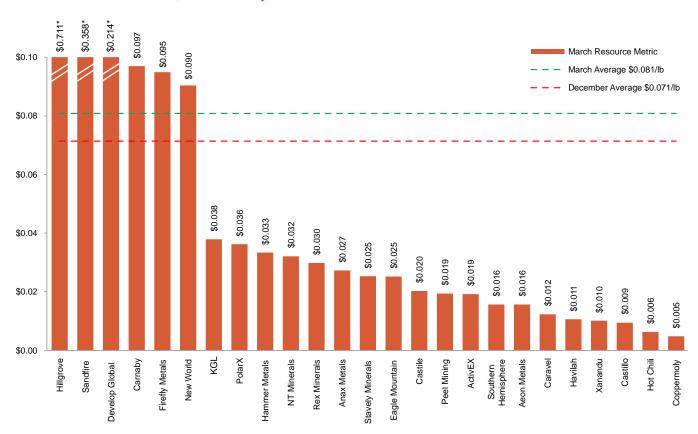


Note: Where no % is shown, there is no reportable performance for that period i.e. due to delisting or not yet being listed

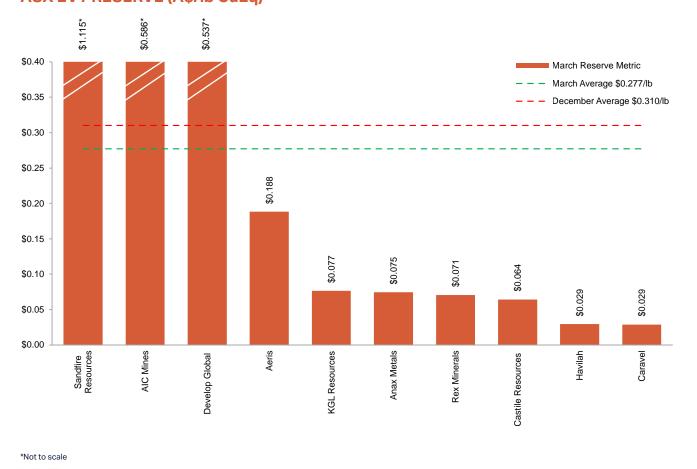
COPPER PEER COMPANY VALUATIONS



ASX EV / RESOURCE (A\$/lb CuEq)



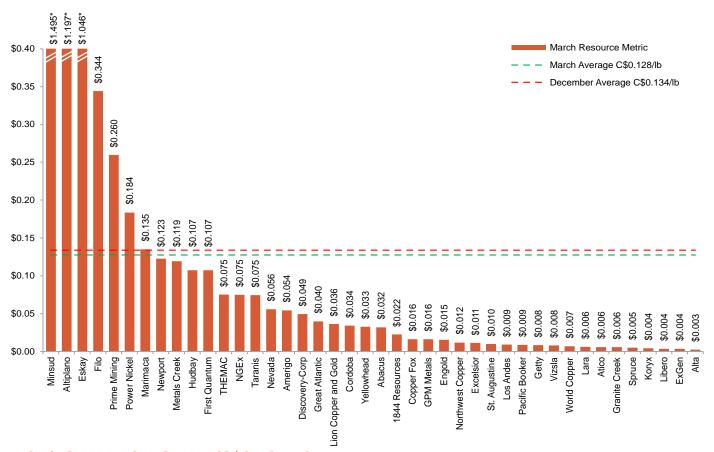
ASX EV / RESERVE (A\$/Ib CuEq)



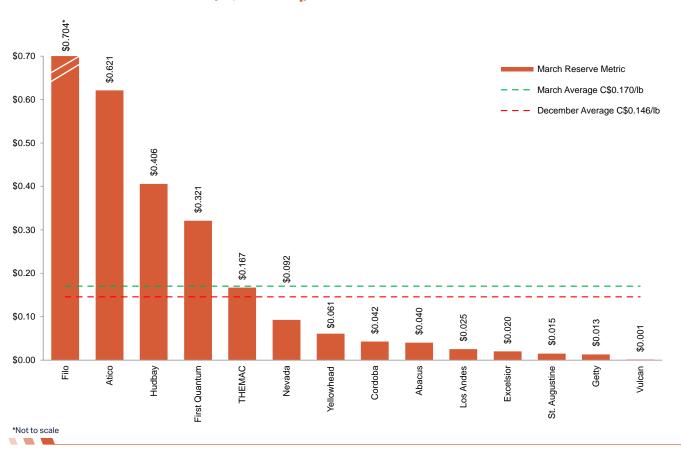
COPPER PEER COMPANY VALUATIONS



TSX/TSX-V EV / RESOURCE (C\$/lb CuEq)



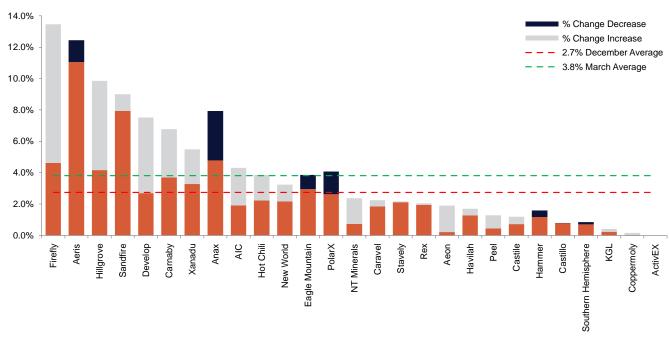
TSX/TSX-V EV / RESERVE (C\$/lb CuEq)



COPPER SECTOR LIQUIDITY / SHORTS



COPPER SECTOR LIQUIDITY

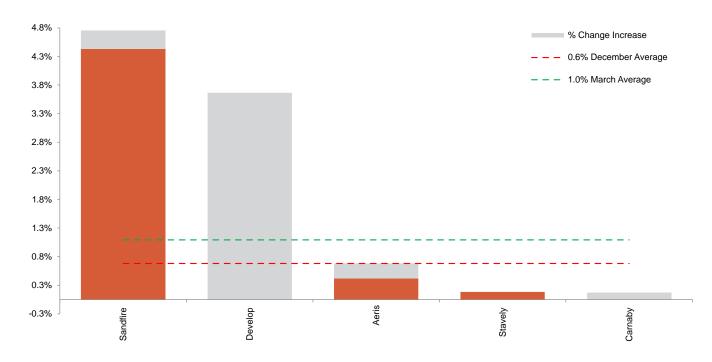


Note: Bar Chart illustrates share turnover as a percentage of total shares on issue, from largest to smallest.

An increase in share turnover is represented by the light grey bar on top of the prior recorded share turnover (represented by the orange bar.)

A decrease in share liquidity is represented by the dark blue bar falling to the orange bar component.

COPPER SECTOR SHORT POSITIONS



N.B. Bar Chart illustrates reported short positions as a percentage of total shares on issue, from largest to smallest result.

An increase in short positions (month-on-month) is represented by a light bar, on top of the prior months short positions being the orange bar.

A decrease in short positions (month-on-month) is represented by the dark blue bar representing the prior months short positions falling to the orange bar component.

Data analysed from 31/12/2023 to 31/03/2024



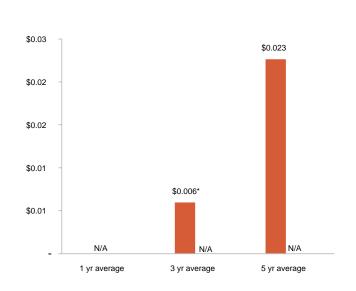
COPPER TRANSACTION METRICS

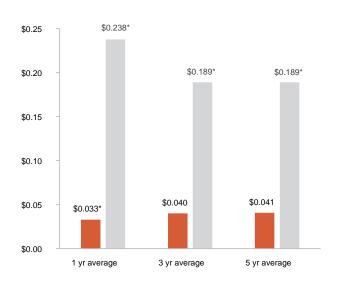


Resource and Reserves Multiples Transaction Multiples based on on US\$3.98/lb as at 31 March 2024

EXPLORATION (US\$/lb CuEq)

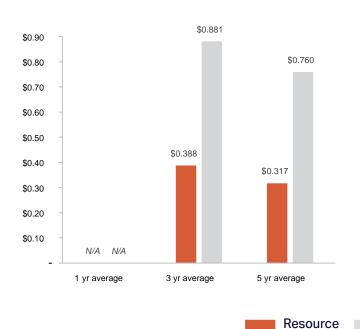
DEVELOPMENT (US\$/lb CuEq)

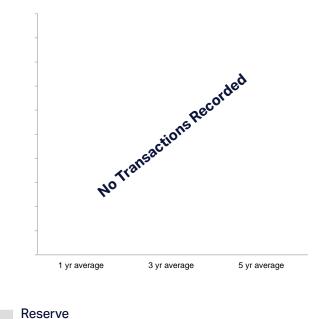




OPERATION (US\$/lb CuEq)

CARE & MAINTENANCE (US\$/lb CuEq)





N.B Transaction Metrics are derived from transactions normalised to account for movements in commodity prices. Completed transactions only. *Denotes metric is derived from three transaction results or less.







After peaking at US\$30,000/t in January 2023, the LME nickel price continued to decline, averaging US\$16,600/t through the first quarter of 2024. The declining price is attributed to increasing Indonesian and Chinese nickel production resulting in global market oversupply.

Australian nickel export earnings are forecast to drop to \$3.9 billion in FY24 from \$5.0 billion in FY23 due to weaker prices in the near term. Export earnings are expected to recover in FY25 to \$4.3 billion. Refined nickel production was previously forecast to grow from 134kt in FY24 to 151kt in FY25. This growth is now in doubt with several nickel operations transitioning to care and maintenance, including BHP's Nickel West, IGO's Cosmos and Forrestania as well as First Quantum's Ravensthorpe.

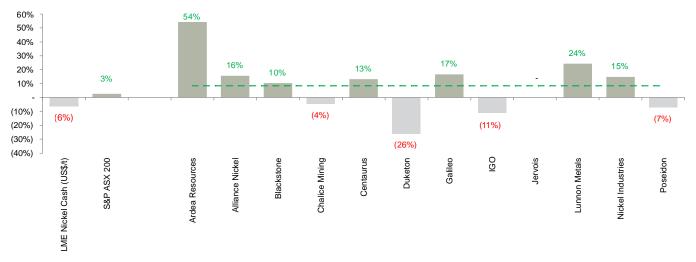
Due to the global supply surplus, nickel prices are expected to average around US\$18,000/t for the remainder of 2024.

NICKEL STOCKS

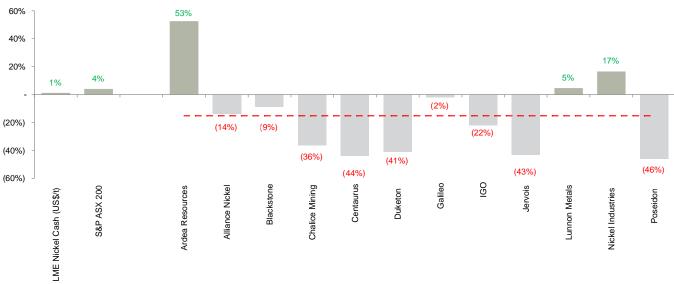


Relative Performance

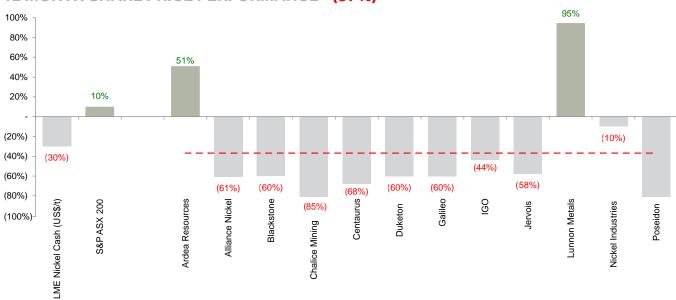
1 MONTH SHARE PRICE PERFORMANCE - 8%



3 MONTH SHARE PRICE PERFORMANCE - (15%)



12 MONTH SHARE PRICE PERFORMANCE - (37%)



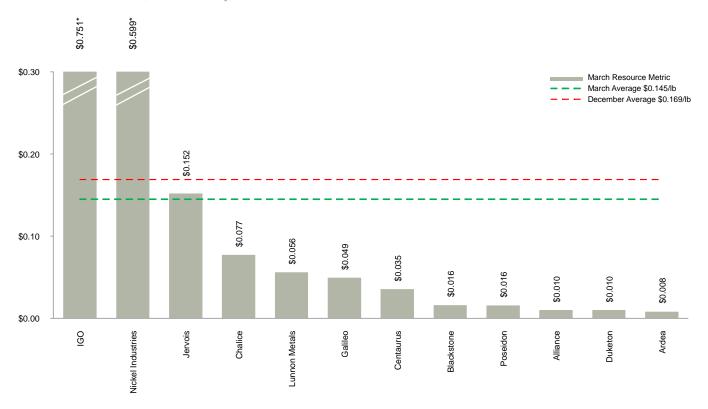
Note: Where no % is shown, there is no reportable performance for that period i.e., due to delisting or not yet being listed.

*Not to scale

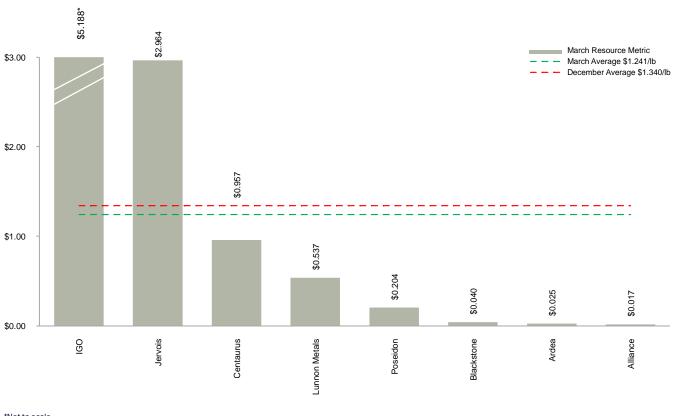
NICKEL PEER COMPANY VALUATIONS



EV / RESOURCE (A\$/lb NiEq)



EV / RESERVE (A\$/Ib NiEq)



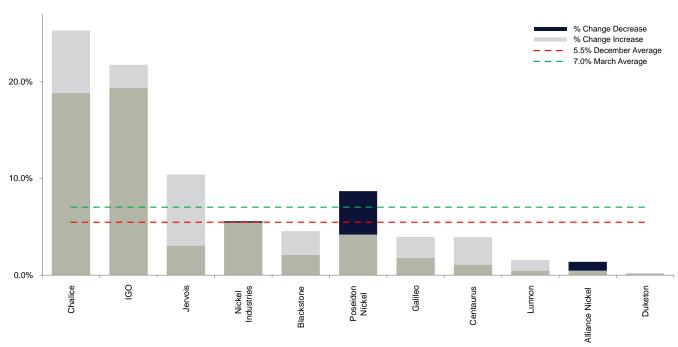
*Not to scale

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NICKEL SECTOR LIQUIDITY / SHORTS



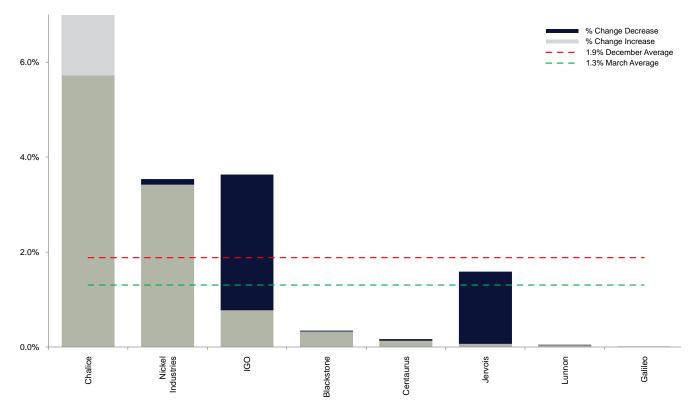
NICKEL SECTOR LIQUIDITY



 $Note: Bar\ Chart\ illustrates\ share\ turn over\ as\ a\ percentage\ of\ total\ shares\ on\ issue, from\ largest\ to\ smallest.$

An increase in share turnover is represented by the light grey bar on top of the prior recorded share turnover (represented by the light khaki bar.) A decrease in share liquidity is represented by the dark blue bar falling to the light khaki bar component.

NICKEL SECTOR SHORT POSITIONS



N.B. Bar Chart illustrates reported short positions as a percentage of total shares on issue, from largest to smallest result.

An increase in short positions (month-on-month) is represented by a light bar, on top of the prior months short positions being the light khaki bar.

A decrease in short positions (month-on-month) is represented by the dark blue bar representing the prior months short positions falling to the light khaki bar component.

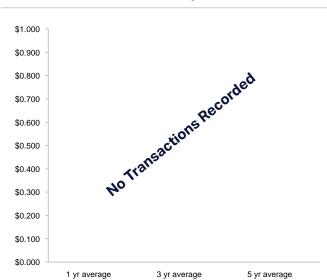
Data analysed from 31/12/2023 to 31/03/2024

NICKEL TRANSACTION METRICS

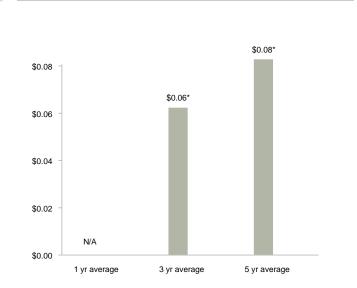


Resource and Reserves Multiples Transaction Multiples based on US\$7.52/lb as at 31 March 2024

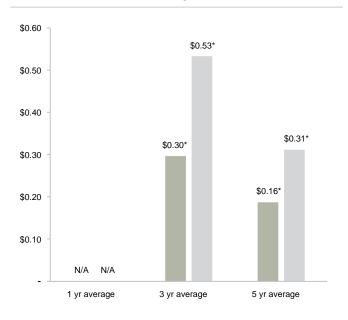
EXPLORATION (US\$/lb NiEq)



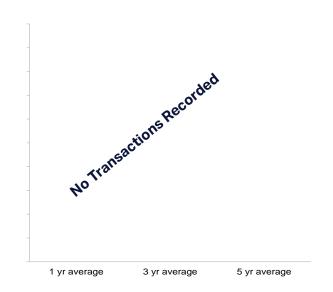
DEVELOPMENT (US\$/lb NiEq)



OPERATION (US\$/lb NiEq)



CARE & MAINTENANCE (US\$/lb NiEq)



Resource Reserve

N.B Transaction Metrics are derived from transactions normalised to account for movements in commodity prices. Completed transactions only. *Denotes metric is derived from three transaction results or less.





Fe

Iron ore prices were supported by Beijing's in-country stimulus measures during the first quarter, averaging around US\$125/t in January – February. In early March, iron ore prices fell sharply to reach a seven-month low due to the outlook for the Chinese property sector remaining bleak despite the stimulus. The downward pressure on iron ore prices is expected to continue in the near term due to a build-up of Chinese iron ore inventories and slow growth in steel output.

In 2023, BHP recorded shipments of around 281Mt, Rio Tinto around 332Mt and Fortescue around 196Mt. In 2024, all three companies are set on expanding the output of their existing mining operations.

Mineral Resources' Onslow project remains on target for first ore-on-ship delivery by June 2024. Onslow is forecast to ship around 35Mtpa with an expected mine life of at least 30 years.

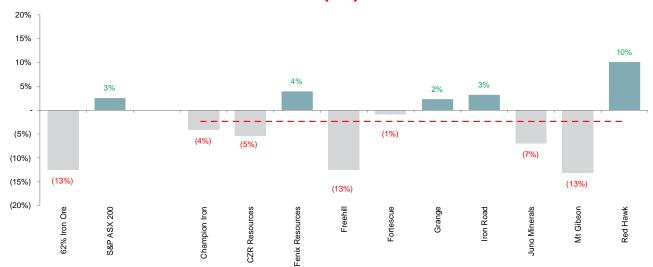
Australia's iron ore export earnings are expected to reach \$136 billion in FY24, up from \$124 billion in FY23, in response to higher production volumes combined with a weaker exchange rate.

IRON ORE STOCKS

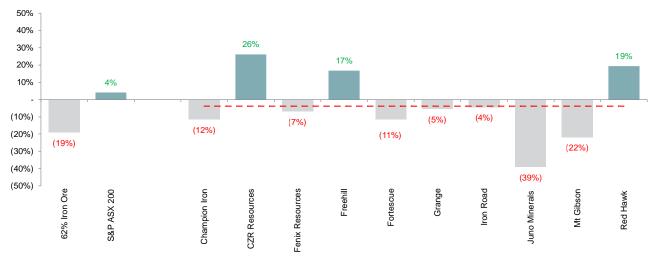
ARGONAUT PCF

Relative Performance

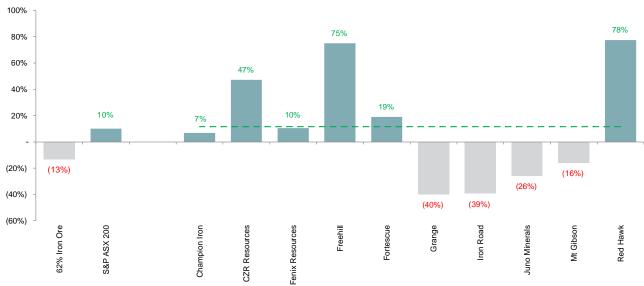
1 MONTH SHARE PRICE PERFORMANCE - (2%)



3 MONTH SHARE PRICE PERFORMANCE - (4%)



12 MONTH SHARE PRICE PERFORMANCE - 12%

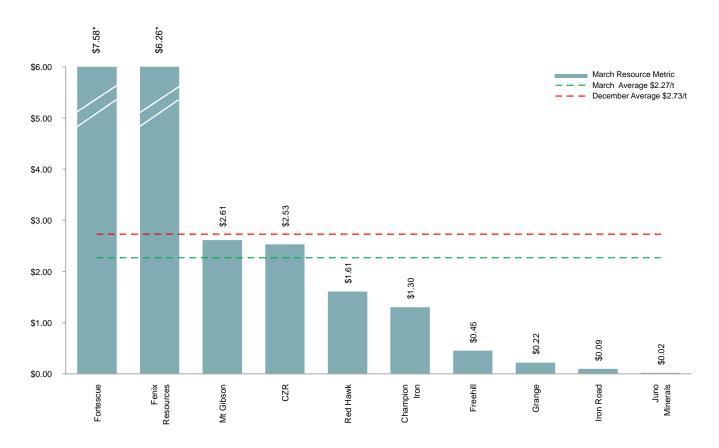


Note: Where no % is shown, there is no reportable performance for that period i.e. due to delisting or not yet being listed

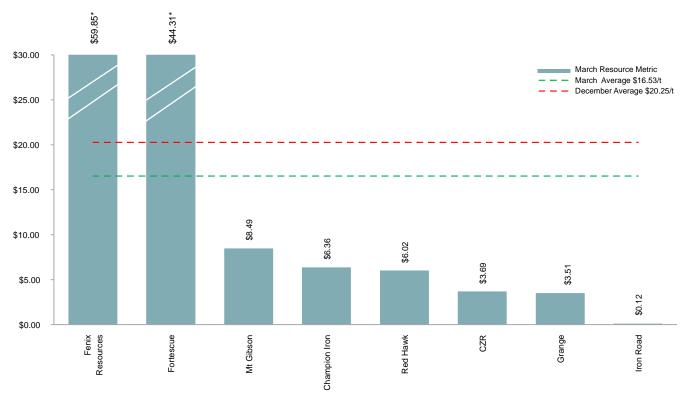
IRON ORE PEER COMPANY VALUATIONS



EV / RESOURCE (A\$/dmt 100 Fe)



EV / RESERVE (A\$/dmt 100 Fe)

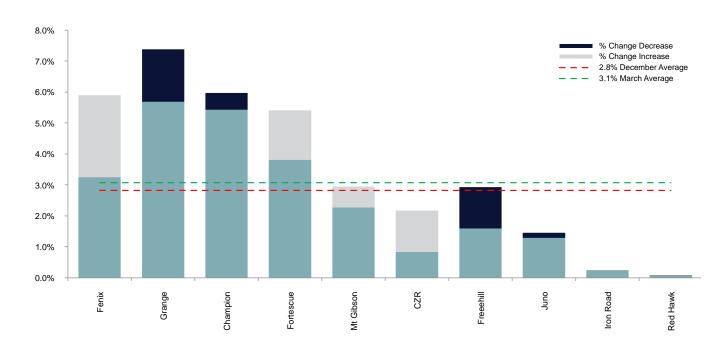


Note: Where no % is shown, there is no reportable performance for that period i.e. due to delisting or not yet being listed *Not to scale.

IRON ORE SECTOR LIQUIDITY / SHORTS



IRON ORE SECTOR LIQUIDITY

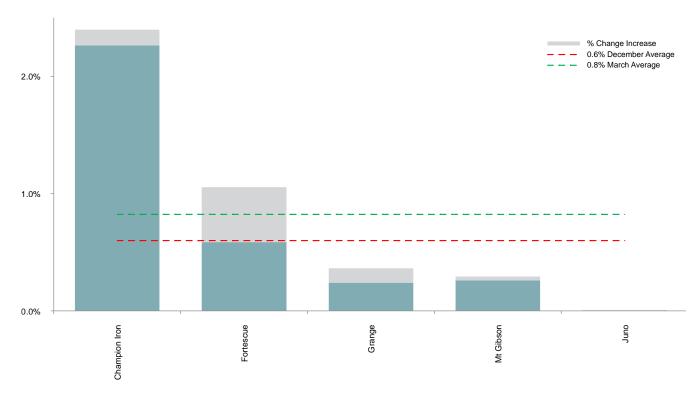


Note: Bar Chart illustrates share turnover as a percentage of total shares on issue, from largest to smallest.

An increase in share turnover is represented by the light grey bar on top of the prior recorded share turnover (represented by the light blue bar.)

A decrease in share liquidity is represented by the dark blue bar falling to the light blue bar component.

IRON ORE SECTOR SHORT POSITIONS



Note: Bar chart illustrates reported short positions as a percentage of total shares on issue, from largest to smallest result.

An increase in short positions (month-on-month) is represented by a light bar, on top of the prior months short positions being the light blue bar.

A decrease in short positions (month-on-month) is represented by the dark blue bar representing the prior months short positions falling to the light blue bar component.

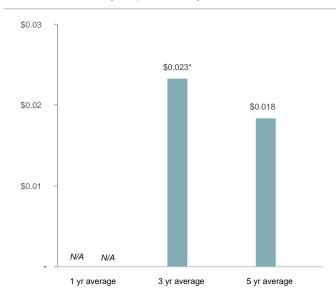
Data analysed from 31/12/2023 to 31/03/2024

IRON ORE TRANSACTION METRICS

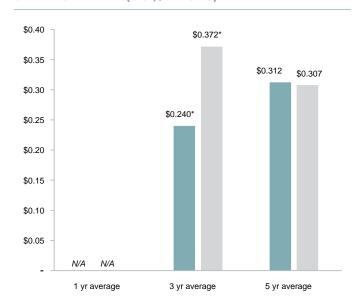


Resource and Reserves Multiples
Transaction Multiples based on US\$110/t as at 31 March 2024

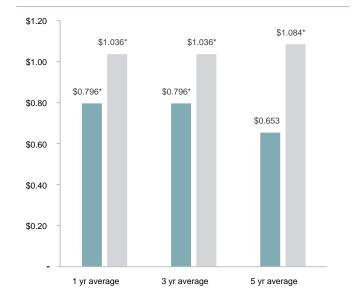
EXPLORATION (US\$/dmt Fe)



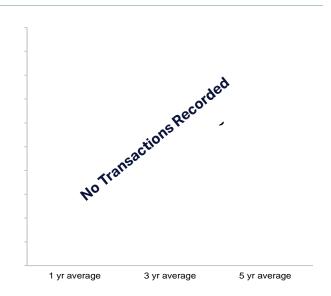
DEVELOPMENT (US\$/dmt Fe)



OPERATION (US\$/dmt Fe)



CARE & MAINTENANCE (US\$/dmt Fe)



Resource Reserve

N.B Transaction Metrics are derived from transactions normalised to account for movements in commodity prices. Completed transactions only. *Denotes metric is derived from three transaction results or less.







Rapid adoption of electric vehicles (EVs) pushed lithium prices higher throughout 2021-22. In 2023, there was a significant increase in investment into lithium production resulting in a sharp rise in global lithium supply. In February 2024, the spodumene price fell to average US\$1,000/t and the lithium hydroxide price fell to average US\$13,350/t due to mounting inventories and de-stocking in China. Lithium prices are forecast to remain around these levels in the near term.

Looking forward, Australian miners will be supported by the new proposed guidance on foreign entity of concern from the US, which will exclude mines with some Chinese ownership from suppling lithium for US EVs. Most Australian lithium mines will be eligible for export to US markets under the proposed new rules.

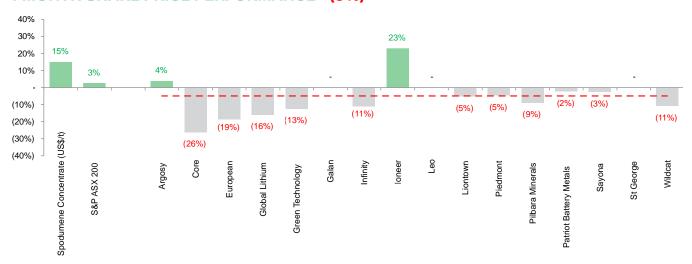
Australian lithium mine production is expected to rise by c. 10% p.a. between FY24 – FY27 supported by increased production from Mineral Resources' Wodgina and Bald Hill operations, Liontown's Kathleen Valley operation coming online and the successful commissioning of Wesfarmers' Mt Holland in early 2024.

LITHIUM STOCKS

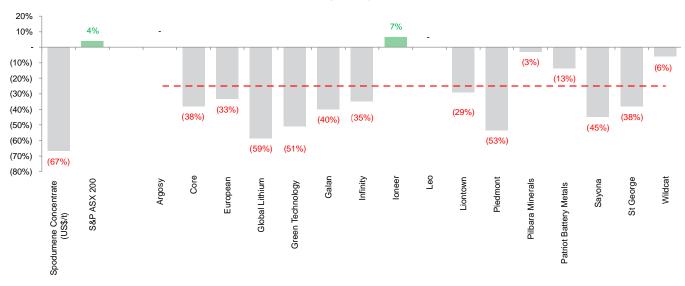
ARGONAUT PCF

Relative Performance

1 MONTH SHARE PRICE PERFORMANCE - (5%)



3 MONTH SHARE PRICE PERFORMANCE - (25%)



12 MONTH SHARE PRICE PERFORMANCE - 85%

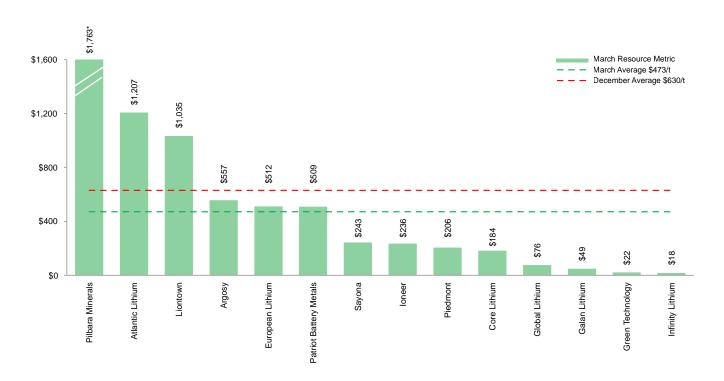


 $N.B.\ Where\ no\ \%\ is\ shown, there\ is\ no\ reportable\ performance\ for\ that\ period.\ i.e.,\ Due\ to\ delisting\ or\ not\ yet\ being\ listed.$

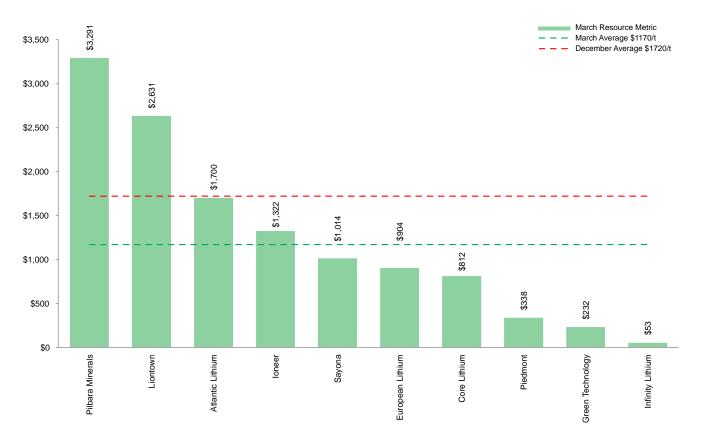
LITHIUM PEER COMPANY VALUATIONS



EV / RESOURCE (A\$/t Li)



EV / RESERVE (A\$/t Li)

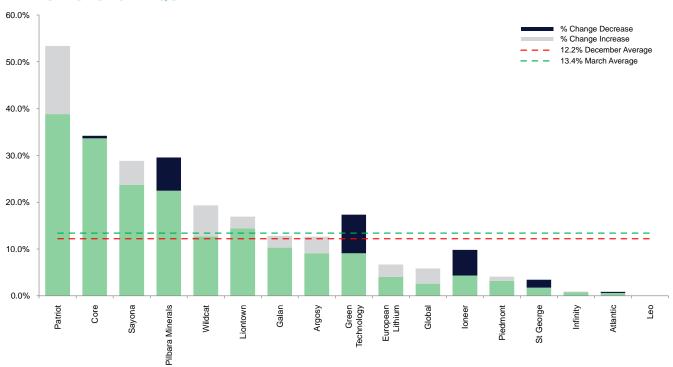


N.B. Where no % is shown, there is no reportable performance for that period. i.e., Due to delisting or not yet being listed. *Not to scale

LITHIUM SECTOR LIQUIDITY / SHORTS



LITHIUM SECTOR LIQUIDITY

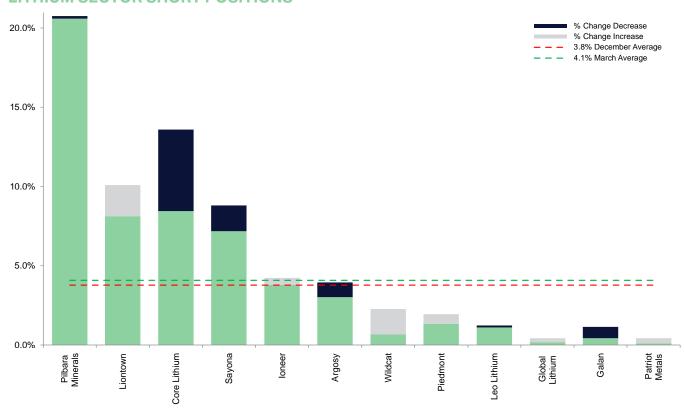


Note: Bar Chart illustrates share turnover as a percentage of total shares on issue, from largest to smallest.

An increase in share turnover is represented by the light grey bar on top of the prior recorded share turnover (represented by the green bar.)

A decrease in share liquidity is represented by the dark blue bar falling to the green bar component.

LITHIUM SECTOR SHORT POSITIONS



 $N.B.\ Bar\ Chart\ illustrates\ reported\ short\ positions\ as\ a\ percentage\ of\ total\ shares\ on\ issue,\ from\ largest\ to\ smallest\ result.$

An increase in short positions (month-on-month) is represented by a light grey bar, on top of the prior months short positions being the green bar.

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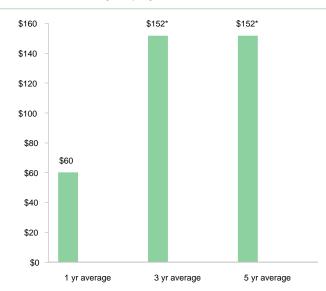
Data analysed from 31/12/2023 to 31/03/2024

LITHIUM TRANSACTION METRICS

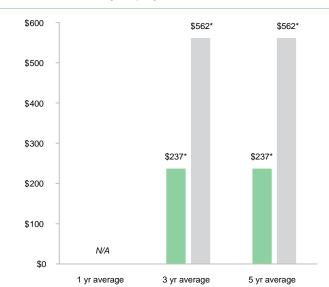


Resource and Reserves Multiples Transaction Multiples based on US\$940/t Spodumene as at 31 March 2024

EXPLORATION (US\$/t)

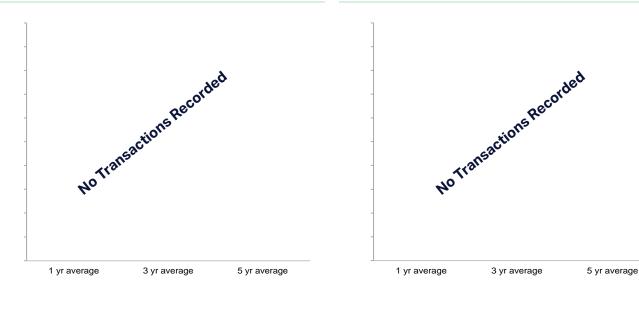


DEVELOPMENT (US\$/t)



OPERATION (US\$/t)





N.B Transaction Metrics are derived from transactions normalised to account for movements in commodity prices. Completed transactions only. *Denotes metric is derived from three transaction results or less.

Reserve

Resource







Supply disruptions and renewed interest in nuclear power is expected to drive uranium prices back above US\$100/lb by the end of 2024. Prices are expected to rise due to supply shortfalls indicative of years of under-investment with other hurdles including sulfuric acid shortages, weather events and the US import ban of nuclear fuel from Russia. There is mounting speculation regarding the outlook for uranium prices, and this is expected to be driven by political decisions surrounding the adoption of nuclear energy.

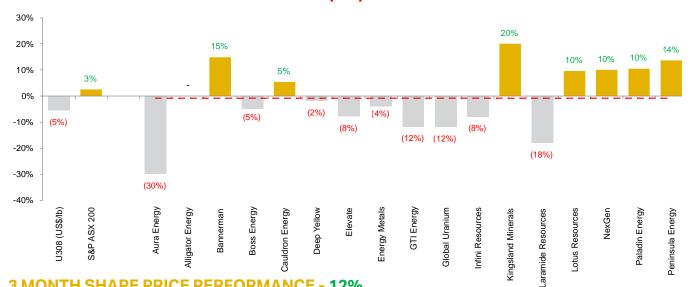
Australian exports are forecast to generate earnings of \$1.6 billion in FY25 with the key uranium production centres being Four Mile (Quasar Resources), Olympic Dam (BHP) and Boss Energy's newly reopened Honeymoon mine. Deep Yellow's Mulga Rick mine which is currently undergoing a revised DFS presents further upside to the earnings outlook.

URANIUM STOCKS

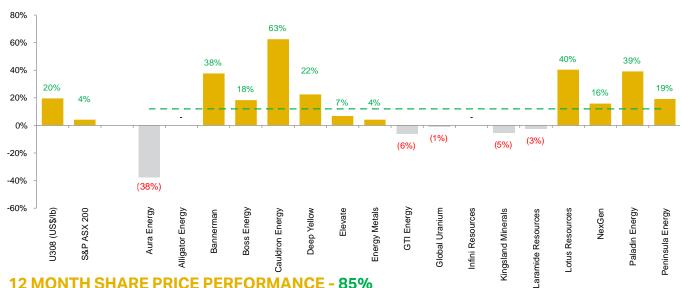
ARGONAUT PCF

Relative Performance

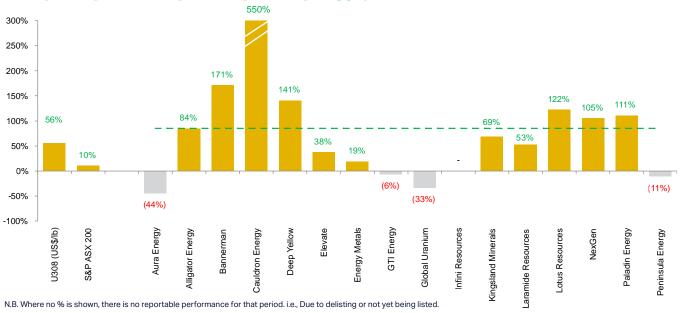
1 MONTH SHARE PRICE PERFORMANCE - (1%)



3 MONTH SHARE PRICE PERFORMAN **CE - 12%**



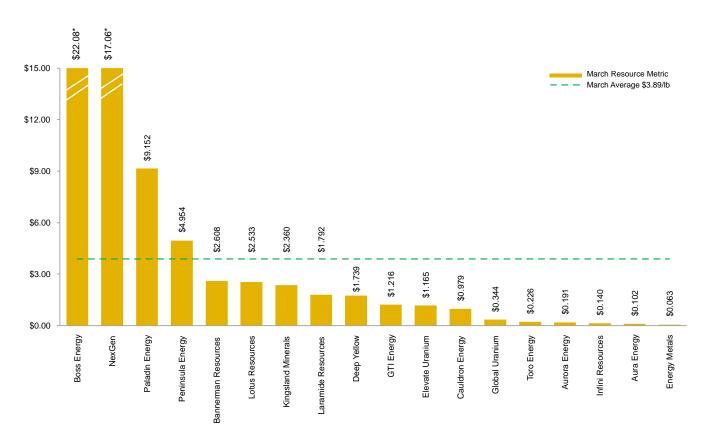
12 MONTH SHARE PRICE PERFORMANCE - 85%



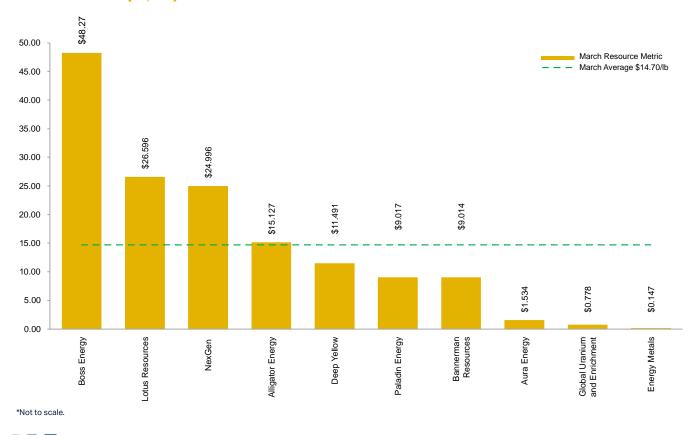
URANIUM PEER COMPANY VALUATIONS



EV / RESOURCE (A\$/Ib)



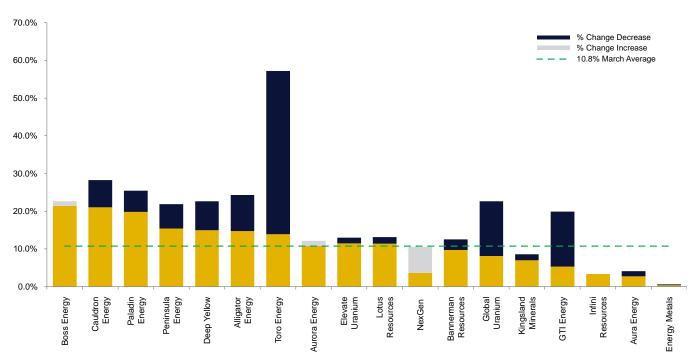
EV / RESERVE (A\$/Ib)



URANIUM SECTOR LIQUIDITY / SHORTS



URANIUM SECTOR LIQUIDITY

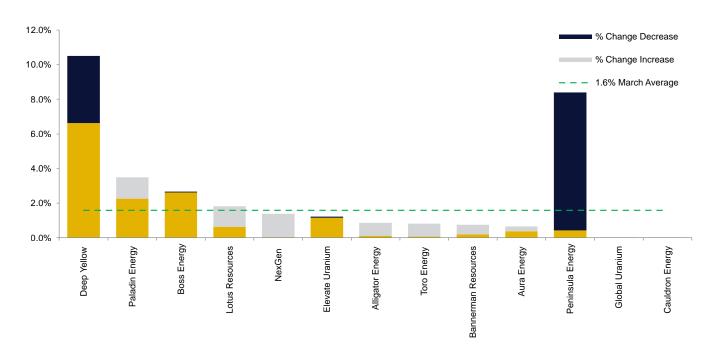


Note: Bar Chart illustrates share turnover as a percentage of total shares on issue, from largest to smallest.

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A decrease in share liquidity is represented by the dark blue bar falling to the purple bar component.

URANIUM SECTOR SHORT POSITIONS



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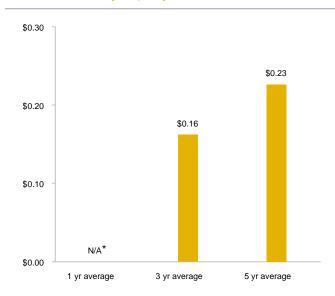
Data analysed from 31/12/2023 to 31/03/2024

URANIUM TRANSACTION METRICS

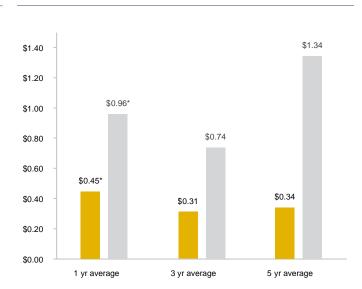


Resource and Reserves Multiples Transaction Multiples based on US\$89/lb as at 31 March 2024

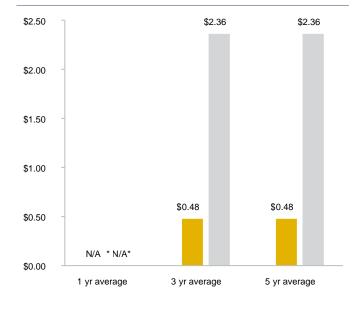
EXPLORATION (US\$/lb)



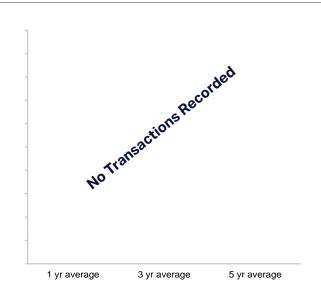
DEVELOPMENT (US\$/lb)



OPERATION (US\$/lb)



CARE & MAINTENANCE (US\$/lb)



Resource Reserve

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Zn

The zinc price traded higher during the first quarter to average US\$2,500/t. Despite the short-term increase, the overall fall in prices in the last two-years has created a subdued outlook amidst slowing global growth and ongoing weakness in China's property market.

Global zinc consumption follows the industrial production cycle, given zinc's primary role in galvanising steel. The weakness in Chinese residential property and infrastructure sectors moderated the zinc market throughout 2023, but there are signs that this may stabilise following Chinese policy stimulus.

Zinc demand is expected to rise by 1.6% p.a. through 2024 and 2025 as the Chinese housing market embraces its slowest growth period in over twenty years.

Following a forecasted average of US\$2,600/t for the remainder of 2024, the price of zinc is expected to trade marginally higher at US\$2,700/t in 2025.

ZINC STOCKS

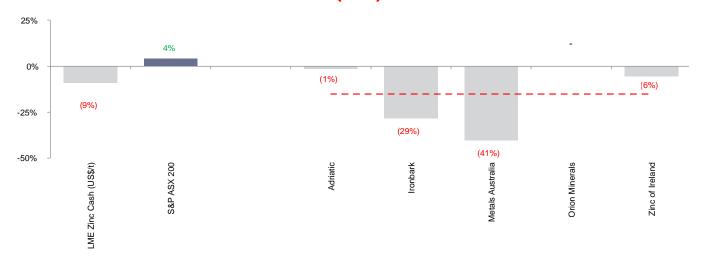


Relative Performance

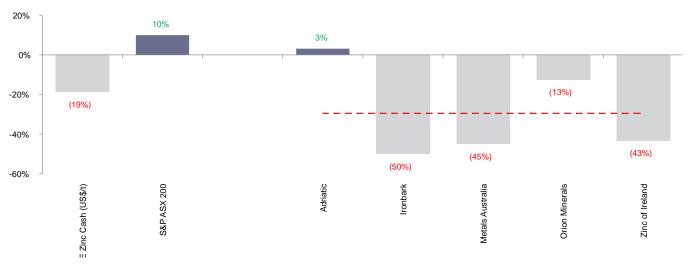
1 MONTH SHARE PRICE PERFORMANCE - 7%



3 MONTH SHARE PRICE PERFORMANCE - (15%)



12 MONTH SHARE PRICE PERFORMANCE - (30%)

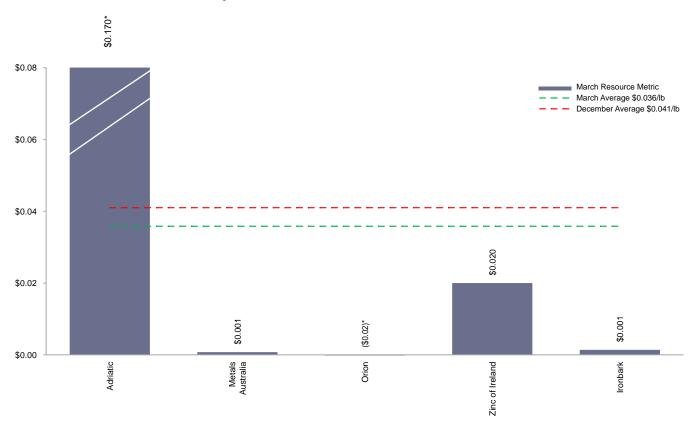


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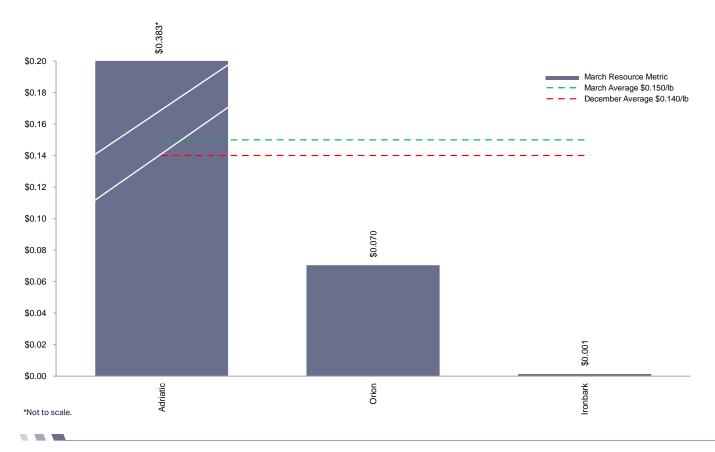
ZINC PEER COMPANY VALUATIONS



EV / RESOURCE (A\$/lb ZnEq)



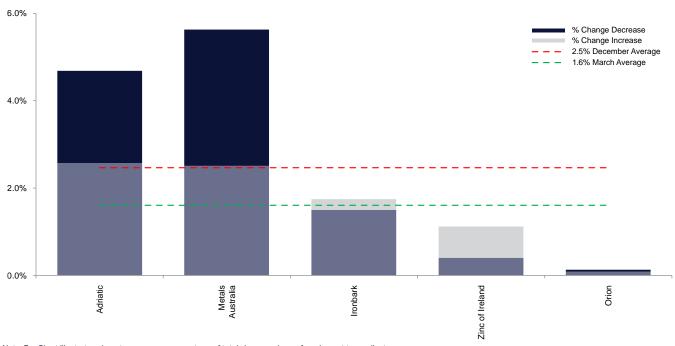
EV / RESERVE (A\$/lb ZnEq)



ZINC SECTOR LIQUIDITY / SHORTS



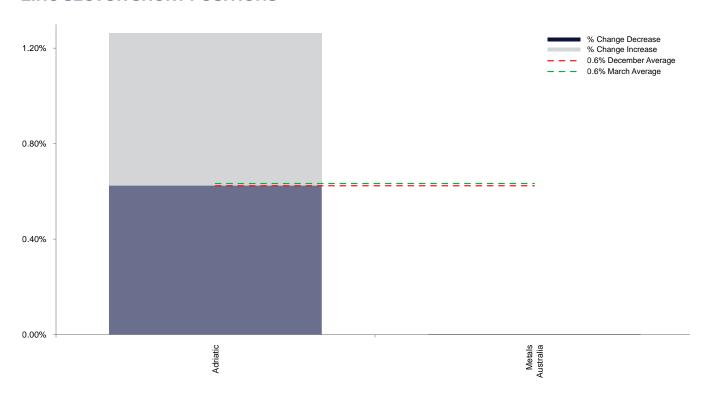
ZINC SECTOR LIQUIDITY



Note: Bar Chart illustrates share turnover as a percentage of total shares on issue, from largest to smallest.

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ZINC SECTOR SHORT POSITIONS



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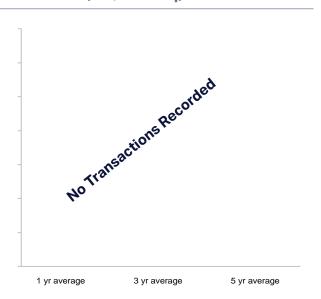
Data analysed from 31/12/2023 to 31/03/2024

ZINC TRANSACTION METRICS

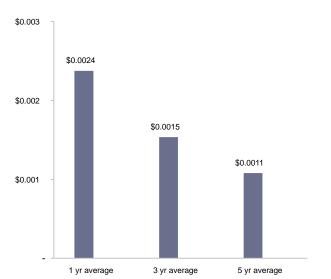


Resource and Reserves Multiples Transaction Multiples based on US\$1.09/lb as at 31 March 2024

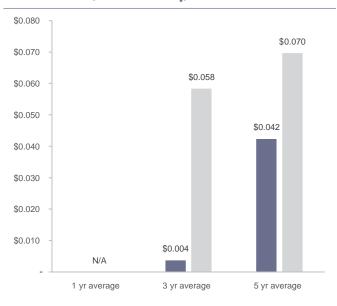
EXPLORATION (US\$/lb ZnEq)



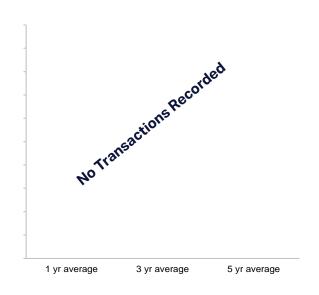
DEVELOPMENT (US\$/lb ZnEq)



OPERATION (US\$/lb ZnEq)



CARE & MAINTENANCE (US\$/lb ZnEq)



Resource Reserve

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FY2022

FY2021

144%

156%



ARGONAUT GLOBAL **GOLD FUND**

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> Since Inception (Nov 2022)

19%



Open to Wholesale Investors

- Min Investment \$50,000
- Available via Direct Investment or Platforms (Hub24, Netwealth, Mason Stevens and Powerwrap)

Register your interest or contact us at jconverse@argonaut.com +61 8 9224 6888 argonautfundsmanagement.com

*Performance figures through 31 March 2024. Past performance is not indicative of future performance. Argonaut Funds Management Pty Ltd (ACN 101 152 863), AFSL No. 224815. AFM Artemis Pty Ltd (ACN 635 051 615) is the Investment Manager of ANRF and AAGF, and Corporate Authorised Representative (No. 1277645) of Argonaut Securities Pty Ltd (ACN 108 330 650), AFSL No. 274099. ANRF and AAGF are Wholesale Only Funds. Investors should refer to the ANRF and AAGF Investment Memorandums.

Argonaut PCF - Team



The team at Argonaut PCF has a broad range of skills gained from executive-level roles in corporate, technical and financial disciplines.



EDWARD RIGG Executive Chairman Head of ECM



LIAM TWIGGER



GREGORY SOUTHEE Deputy Chairman Group Managing Director Corporate Finance Head of Corporate Finance



MATTHEW SELBY Executive Director Corporate Finance



NICK MCDONOUGH Executive Director Corporate Finance



GRAEME TESTAR Executive Director Corporate Finance



MIKE SPERINCK **Technical Director** Corporate Finance



DIANMIN CHEN Special Consultant Corporate Finance



BENICKE Associate Director Corporate Finance



KAIDEN GILBERT Associate Director Corporate Finance



ROBERT WARREN Associate Corporate Finance



BRYCE DENYSIUK Associate Corporate Finance



MAXCARTER-MAZAK HARRISON SHEPHERD **Analyst** Corporate Finance



Analyst Corporate Finance



THOMAS BROSNAN Analyst Corporate Finance



ANDREW JENKINS Analyst Corporate Finance

ARGONAUT



ABOUT

ARGONAUT CORPORATE ADVISORY	MINESONLINE.COM
 Public Market Takeovers Equity Capital Markets Private & Public Capital Raisings Initial Public Offerings Corporate Mergers & Acquisitions General Corporate Advice Asset Acquisitions and Divestments Corporate Restructuring Strategic and Technical Reviews Indicative Valuations Debt Advisory Access to Non-Bank Funding Network Development Project Financing 	 Web-based platform connecting buyers and sellers of mining projects ~5,200+ users from over 100 countries Unique E-Newsletter promoting new projects Unparalleled global distribution capacity Success sales record of 40%+
ARGONAUT SECURITIES	ARGONAUT FUNDS MANAGEMENT
 Metals & Mining Research Industrials Research Healthcare Research Agriculture Research Institutional Equity Sales Dealing and Corporate Stockbroking Team 	 Argonaut Natural Resources Fund Argonaut Australian Gold Fund AFM Perseus Fund De-carbonisation



Information in this package references data to 31 March 2024. The following notes may be of assistance when interpreting information contained throughout this pack.

Market Analysis

Price Performance	1, 3 and 12 months share price performance in percentage terms is illustrated for each sector along with the relevant commodity price and index performance for comparison purposes
	Market-based valuation metrics (or 'peer' metrics) are calculated based upon: • End-of-quarter market capitalisation (MC) data;
Peer Company Valuations	 Most recent balance date net debt (cash) figures to determine enterprise value (EV); and
	 Most recently published Mineral Resources or Ore Reserves (where appropriate)
Liquidity	 Liquidity is calculated as the number of shares traded in the month as a percentage of total shares on issue. Liquidity bar charts illustrate the change in liquidity from the previous Resources Thermometer to the current Resources Thermometer
	Companies are presented in order with the most liquid company in the current month on the LHS of the bar chart
	'Short' data is sourced from the ASIC published Short Position data
Short Positions	 Short Positions are calculated as the number of shares traded and reported as a 'short sale' last quarter, as a percentage of the total shares on issue. Short Position bar charts illustrate the change in Short Positions from the previous Resources Thermometer to the current Resources Thermometer
	Companies are presented in order with the most 'shorted' company in the current month on the LHS of the bar chart
Transaction Metrics	 Transaction Metrics relate to completed asset (or project) transactions. Corporate-level transactions (such as 'change of control' transactions) as well as options and JV/Farm-In style transactions do not form part of this analysis
	Announced transactions still in progress and yet to complete do not form part of this analysis

Argonaut PCF notes that reference to metal equivalents (AuEq, CuEq, NiEq, ZnEq, LiEq) does not comply with JORC (2012) Guidelines. Metal equivalents are used throughout this pack to provide a level of comparative analysis between companies with assets of varying commodity types.

Argonaut PCF notes that historical Argonaut PCF150, Argonaut PCF150C and peer company metric values may be recalculated based on updated data by S&P Global to ensure accurate measurement of market and company movements.



Company List

Gold Producers					
	Alkane Resources Limited Austral Gold Limited Aurelia Metals Limited Beacon Metals Limited Bellevue Gold Limited Calidus Resources Limited Capricorn Metals Limited Catalyst Metals Limited Emerald Resources NL Evolution Mining Limited	 Focus Minerals Limited Genesis Minerals Limited Gold Road Resources Limited Northern Star Resources Limited Ora Banda Mining Limited Pantoro Limited Perseus Mining Limited Red 5 Limited Ramelius Resources Limited 	 Rand Mining Limited Regis Resources Limited Resolute Mining Limited St Barbara Limited Silver Lake Resources Limited Tietto Minerals Limited Tribune Resources Limited West African Resources Limited Westgold Resources Limited West Wits Mining Limited 		
Gold Explorers & Developers					
	Alto Metals Limited Aurumin Limited Ausgold Limited Antipa Minerals Limited Asara Resources Limited Asra Minerals Limited Asra Minerals Limited Astral Resources Limited Black Cat Syndicate Limited Brightstar Resources Limited Carnavale Resources Limited De Grey Mining Limited GBM Resources Limited Gateway Mining Limited Geopacific Resources Limited Hawthorn Resources Limited Horizon Gold Limited Horizon Minerals Limited	 Kairos Minerals Limited Kalamazoo Resources Limited Kin Mining NL Korab Resources Limited Kingston Resources Limited LCL Resources Limited Labyrinth Resources Limited Magmatic Resources Limited Magnetic Resources Limited Matsa Resources Limited Maximus Resources Limited Medallion Metals Limited Meeka Metals Limited Matador Mining Limited Novo Resources Corp. Ora Gold Limited OreCorp Limited 	 Pacgold Limited PNX Metals Limited Prodigy Gold NL RTG Mining Inc Rox Resources Limited Saturn Metals Limited Savannah Goldfields Limited Sihayo Gold Limited Spartan Resources Limited Strickland Metals Limited Talisman Mining Limited Tanami Gold NL Theta Gold Mines Limited Titan Minerals Limited Warriedar Resources Limited Warriedar Resources Limited Wia Gold Limited Yandal Resources Limited 		



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- AIC Mines Limited
- · Aeris Resources Limited
- ActivEX Limited
- Aeon Metals Limited
- Anax Metals Limited
- Castillo Copper Limitedcast
- Coppermoly Limited
- · Castile Resources Limited
- · Caravel Minerals Limited

- Carnaby Resources Limited
- Develop Global Limited
- Eagle Mountain Limited
- Firefly Metals Limited
- Hammer Metals Limited
- Havilah Resources Limited
- Hillgrove Resources Limited
- Hot Chili Limited
- · KGL Resources Limited

- NT Minerals Limited
- New World Resources Limited
- Peel Mining Limited
- PolarX Limited
- Rex Minerals Limited
- Sandfire Resources NL
- Southern Hemisphere Mining
- Stavely Minerals Limited
- Xanadu Mines Limited

Nickel

- Alliance Nickel Limited
- Ardea Resources Limited
- · Blackstone Minerals Limited
- · Centaurus Metals Limited
- · Chalice Mining Limited
- · Duketon Mining Limited
- Galileo Mining Limited
- IGO Limited

- Jervois Mining Limited
- · Lunnon Metals Limited
- Nickel Industries Limited
- Poseidon Nickel Limited

Iron Ore

- Champion Iron Limited
- CZR Resources Limited
- · Fenix Resources Limited
- Freehill Mining Limited
- Fortescue Metals Group Limited
- Grange Resources Limited
- Iron Road Limited

- Juno Minerals Limited
- Mt Gibson Iron Limited
- Red Hawk Mining Limited

Lithium

- Atlantic Lithium Limited
- Argosy Minerals Limited
- Core Lithium Limited
- European Lithium Limited
- Global Lithium Resources Limited
- Green Technology Metals Limited
- Galan Lithium Limited
- · Infinity Lithium Limited
- Ioneer Limited
- · Leo Lithium Limited
- Lithium Power International Limited
- Liontown Resources Limited

- Patriot Battery Metals Inc
- Piedmont Lithium Inc.
- Pilbara Minerals Limited
- Sayona Mining Limited
- St George Mining Limited
- Wildcat Resources Limited



Uranium					
Aura Energy Limited	Elevate Uranium	Laramide Resources			
Alligator Energy	Energy Metals	Lotus Resources Limited			
Bannerman Resources	GTI Energy Limited	NexGen Energy Limited			
Boss Energy Limited	Global Uranium and Enrichment	Paladin Energy			
Cauldron Energy	Infini Resources	Peninsula Energy Limited			
Deep Yellow Limited	Kingsland Minerals	Toro Energy			
Zinc					
Adriatic Metals	Metals Australia Limited	Zinc of Ireland NL			
Ironbark Zinc Limited	Orion Minerals Limited				



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