

Strategic Metals & Rare Earths Letter

INTERNATIONAL

the independent information and advisory publication on investing in Strategic Metals & Rare Earths



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Overviews as at October 1, 2019

Critical Metals and Special Minerals		Heavy Rare Earths Oxides (HREO)		Light Rare Earth Oxides (LREO)
lithium (Li)	yttrium (Y)	europium (Eu)	erbium (Er)	lanthanum (La)
cobalt (Co)	scandium (Sc)	gadolinium (Gd)	thulium (Tm)	cerium (Ce)
graphite (C)	niobium (Nb)	terbium (Tb)	ytterbium (Yb)	praseodymium (Pr)
vanadium (V)	tantalum (Ta)	dysprosium (Dy)	lutetium (Lu)	neodymium (Nd)
magnesium (Mg)	beryllium (Be)	holmium (Ho)		promethium (Pm)
tungsten (W)	gallium (Ga)			samarium (Sm)
titanium (Ti)	indium (In)			
zirconium (Zr)	germanium (Ge)			
hafnium (Hf)				
antimony (Sb)				

► Lithium prices to benefit from higher transparency

With last year's Chinese lithium spot prices decreasing significantly, with new supply coming online and the transition to higher nickel cathodes being the main factors, President Vivian Wu of [Tianqi Lithium](#), the Chinese lithium giant, at the Lithium Supply & Markets Conference 2019 June 10-12 in Santiago, Chile, said demand is solid and the industry is taking time to adapt to new sustainable growth.

Transparency in lithium prices after the [London Metal Exchange \(LME\)](#) joined forces with pricing agency [Fastmarkets](#) to launch lithium future contracts, will help to reduce lithium price volatility.

It is expected by lithium experts that demand for lithium will rise significantly over the next decade as electric vehicles (EV) uptake continues. However, whether demand for **lithium hydroxide** will overtake demand for **lithium carbonate** is an ongoing debate.

The main reason experts anticipate a potential increase in demand for **Lithium hydroxide** is the push toward cathodes with higher nickel content, namely **NCM 811 cathodes**, which include eight (8) parts nickel, one (1) part cobalt and one (1) part manganese.

The cathodes have a higher density, a longer lifespan and provide a better driving range when used in EVs.

BATTERY GRADE LITHIUM PRICES

	New price (midpoint)	w-o-w % change	Monthly average	Previous month average	Quarterly average
Lithium carbonate 99.5% Li ₂ CO ₃ min, battery grade, spot price exw domestic China, yuan/tonne	58,500	0	59,250	62,400	63,808
Lithium carbonate 99.5% Li ₂ CO ₃ min, battery grade, spot price cif China, Japan & Korea, \$/kg	10.00	0	10.50	11.00	10.92
Lithium hydroxide 56.5% LiOH.H ₂ O min, battery grade, spot price exw domestic China, yuan/tonne	64,000	0	65,750	71,700	72,308
Lithium hydroxide monohydrate 56.5% LiOH.H ₂ O min, battery grade, spot price cif China, Japan & Korea, \$/kg	12.00	0	12.44	13.00	13.10

Source: Fastmarkets

Market & price developments

- Chinese domestic lithium carbonate producers held their sale prices in the days coming up to the week-long national holiday.
- The price of industrial-grade carbonate materials was soft but held in the current range.
- Downward pressure lingers in the Chinese lithium hydroxide market, although the assessed range held.
- Asian cif China, Japan & Korean lithium compound markets flat.

Overview of listed LITHIUM focused companies (by market capitalization)

October 1, 2019	Trading symbol		Share price		Change in %	12 months prices		Total shares issued million	Market cap. million	
			Oct. 1 2019	year-end 2018		H	L		local	US\$
			US\$	US\$		US\$	US\$		US\$	US\$
FMC	NYSE	FMC	87.68	73.96	19	92.13	60.11	130.4	11,433.5	11,433.5
Albemarle Corp.	1) NYSE	ALB	69.52	77.07	-10	108.74	58.63	106.0	7,369.1	7,369.1
SQM	NYSE	SQM	27.79	38.30	-27	48.63	22.71	120.4	3,345.9	3,345.9
			HK\$	HK\$		HK\$	HK\$		HK\$	
Tianqi Lithium	2) HKSE	002466	27.20	29.32	-7	39.97	22.75	1.140	3,100.8	396.9
			Euro	Euro		Euro	Euro		Euro	
ERAMET	Paris	ERA:FP	45.03	60.35	-25	90.20	36.42	26.6	1,197.8	1,305.6
			A\$	A\$		A\$	A\$		A\$	
Orocobre	ASX	ORE	2.67	3.23	-17	5.05	2.18	261.7	698.7	468.2
Pilbara Minerals	ASX	PLS	0.31	0.63	-51	0.92	0.29	1,970.0	610.7	409.2
Galaxy Resources	ASX	GXY	1.08	2.17	-50	2.85	1.02	409.5	442.3	296.3
IoNeer	3) ASX	INR	0.20	0.17	18	0.30	0.12	1,470.0	294.0	197.0
Liontown Resources	ASX	LTR	0.10	0.02	400	0.18	0.02	1,690.0	169.0	113.2
Altura Mining	ASX	AJM	0.07	0.14	-50	0.27	0.06	2,330.0	163.1	109.3
Alita Resources	4) ASX	A40	0.08	0.26	-69	0.33	0.07	1,480.0	118.4	79.3
AVZ Minerals	ASX	AVZ	0.05	0.07	-29	0.11	0.04	2,300.0	115.0	77.1
Neometals	ASX	NMT	0.18	0.23	-22	0.25	0.17	544.4	98.0	65.7
Lithium Power International	ASX	LPI	0.32	0.26	23	0.45	0.19	262.5	84.0	56.3
Piedmont Lithium	ASX	PLL	0.09	0.09	0	0.19	0.09	815.4	73.4	49.2
Argosy Minerals	ASX	AGY	0.07	0.14	-50	0.27	0.06	1,020.0	71.4	47.8
European Lithium	ASX	EUR	0.09	0.08	13	0.18	0.07	598.7	53.9	36.1
Core Lithium	ASX	CXO	0.04	0.05	-20	0.07	0.04	789.0	31.6	21.1
Prospect Resources	ASX	PSC	0.13	0.20	-35	0.35	0.10	236.0	30.7	20.6
Lithium Australia	ASX	LIT	0.05	0.09	-44	0.12	0.04	534.3	26.7	17.9
Sayona Mining	ASX	SYA	0.01	0.02	-50	0.04	0.01	1,850.0	18.5	12.4
Force Commodities	ASX	4CE	0.02	0.01	100	0.04	0.01	507.7	10.2	6.8

1) owns 51% of Talison Lithium

2) owns 49% of Talison Lithium

3) name change from Global Geoscience effective November 6, 2018

4) Merger of Tawana Resources with Alliance Mineral Assets implemented on December 14, 2018; name change to Alita Resources effective July 16, 2019

			C\$	C\$		C\$	C\$		C\$	
Lithium Americas	TSX	LAC	4.06	4.31	-6	6.43	3.73	89.3	362.6	271.9
Nemaska Lithium	TSX	NMX	0.23	0.68	-66	0.88	0.21	847.6	194.9	146.2
Millennial Lithium	TSX	ML	1.36	1.05	30	2.12	1.04	83.3	113.3	85.0
Standard Lithium	TSX.V	SLL	0.75	0.92	-18	1.77	0.66	87.6	65.7	49.3
Neo Lithium	TSX	NLC	0.55	0.62	-11	1.15	0.49	117.5	64.6	48.5
Critical Elements Lithium	TSX.V	CRE	0.38	0.72	-47	1.05	0.26	158.8	60.3	45.3
Wealth Minerals	TSX.V	WML	0.33	0.43	-23	0.67	0.27	139.8	46.1	34.6
Advantage Lithium	TSX.V	AAL	0.27	0.46	-41	0.72	0.26	166.6	45.0	33.7
Frontier Lithium	TSX.V	FL	0.25	0.32	-21	0.47	0.24	157.8	39.5	29.6
McArthur Minerals	TSX.V	MMS	0.06	0.03	100	0.17	0.02	321.0	19.3	14.4
Avalon Advanced Materials	TSX	AVL	0.05	0.06	-9	0.18	0.04	307.3	15.4	11.5
Pure Energy Minerals	TSX	PE	0.06	0.05	33	0.18	0.05	190.7	11.4	8.6
American Lithium	TSX.V	LI	0.17	0.42	-60	0.74	0.13	62.6	10.6	8.0
Power Metals	TSX.V	PWM	0.08	0.19	-57	0.26	0.07	102.3	8.2	6.1
Ultra Lithium	TSX.V	ULI	0.08	0.08	0	0.22	0.08	95.8	7.7	5.7
Dajin Resources	TSX.V	DJI	0.04	0.05	-20	0.10	0.04	152.3	6.1	4.6
NRG Metals	5) TSX.V	NGZ	0.13	0.07	86	0.92	0.10	42.8	5.6	4.2
Aberdeen International	TSX	AAB	0.04	0.06	-33	0.09	0.04	96.1	3.8	2.9
Argentina Lithium and Energy	TSX	LIT	0.06	0.09	-33	0.35	0.05	18.6	1.1	0.8
			GBp	GBp		GBp			£	
Bacanora Lithium	6) AIM	BCN	33.75	24.00	41	58.50	11.75	134.5	45.4	55.8
European Metals Holdings	AIM	EMH	0.16	0.30	-47	0.28	0.16	139.9	22.4	27.5

5) 1 for 4 share consolidation effective March 26, 2019

6) NewView Capital of China holds a 19.89% equity interest

Overview of listed COBALT focused companies (by market capitalization)

October 1, 2019	Trading symbol		Share price		Change in %	12 months prices		Total shares issued million	Market cap. million local	
			Oct.1 2019	year-end 2018		H	L		CNY	US\$
			CNY	CNY		CNY	CNY		CNY	US\$
Zhejiang Huayu Cobalt	Shanghai	603799	28.85	30.11	-4	39.58	19.49	1,080.0	31,158.0	4,362.1
Katanga Mining	TSX	KAT	0.42	0.52	-19	0.83	0.30	910.0	382.2	286.7
Cobalt 27 Capital	TSX.V	KBLT	4.00	3.30	21	6.90	3.27	85.5	342.0	256.5
Royal Nickel Corp.	1) TSX.V	RNX	0.37	0.48	-23	0.98	0.33	604.7	223.7	167.8
First Cobalt	TSX.V	FCC	0.16	0.17	-6	0.35	0.12	372.3	59.6	44.7
Fortune Minerals	TSX.V	FT	0.09	0.08	20	0.16	0.07	347.3	31.3	23.4
Canada Cobalt Works	TSX.V	CCW	0.30	0.50	-40	0.70	0.24	82.4	24.7	18.5
Pacific Rim Cobalt	CNX	BOLT	0.17	0.14	21	0.34	0.10	63.1	10.7	8.0
Cobalt Blockchain	TSX.V	COBC	0.06	0.10	-40	0.19	0.05	175.1	10.5	7.9
Sienna Resources	3) TSX.V	SIE	0.06	0.05	20	0.07	0.04	61.7	3.7	2.8
21CMetals	2) CNX	BULL	0.08	0.18	-54	0.27	0.07	41.2	3.3	2.5
Global Energy Metals	TSX.V	GEMC	0.03	0.06	-45	0.10	0.03	96.8	2.9	2.2
Power Group Projects	4) TSX.V	PGP	0.10	0.15	-33	0.75	0.07	15.9	1.6	1.2
Quantum Cobalt	CNX	QBOT	0.04	0.06	-27	0.14	0.03	27.5	1.1	0.8
Lico Energy Metals	TSX.V	LIC	0.04	0.08	-47	0.19	0.03	27.5	1.1	0.8
Cruz Cobalt	CNX	CUZ	0.05	0.05	-10	0.05	0.03	78.6	3.5	2.7
Jervois Mining	5) ASX	JRV	0.22	0.20	10	0.30	0.16	641.6	141.2	97.4
Ardea Resources	ASX	ARL	0.53	0.52	2	0.76	0.36	112.3	59.5	41.1
Cobalt Blue Holdings	6) ASX	COB	0.15	0.20	-25	0.34	0.10	149.9	22.5	15.5

1) major nickel-cobalt project in the Abitibi mining camp, Quebec

2) name change from Declan Cobalt effective February 20, 2019; also palladium project

3) cobalt-nickel-copper project in Sweden

4) name change from Cobalt Power effective February 17, 2019; share consolidation 1 for 10

5) closed merger with eCobalt Solutions on July 24, 2019

6) spin-out of Broken Hill Prospecting

Overview of listed GRAPHITE focused companies (by market capitalization)

October 1, 2019	Trading symbol		Share price		Change in %	12 months prices		Total shares issued million	Market cap. million	
			Oct.1 2019	year-end 2018		H	L		local	US\$
			A\$	A\$		A\$	A\$		A\$	
Syrax Resources	ASX	SYR	0.50	1.50	-67	2.19	0.42	413.4	206.7	138.5
Magnis Energy Technologies	ASX	MNS	0.18	0.29	-38	0.38	0.15	611.1	110.0	73.7
Talga Resources	ASX	TLG	0.43	0.42	2	0.73	0.33	222.2	95.5	64.0
Kibaran Resources	ASX	KNL	0.09	0.13	-31	0.24	0.09	292.6	26.3	17.6
Bass Metals	ASX	BSM	0.01	0.01	0	0.03	0.01	2,810.0	28.1	18.8
			C\$	C\$		C\$	C\$		C\$	
Nouveau Monde Graphite	TSX.V	NOU	0.23	0.28	-16	0.33	0.20	261.8	60.2	45.2
SRG Mining	1) TSX.V	SRG	0.74	0.76	-3	1.25	0.64	69.4	51.4	38.5
Mason Graphite	TSX.V	LLG	0.23	0.55	-58	1.05	0.22	136.2	31.3	23.5
Zen Graphene Solutions	3) TSX.V	ZEN	0.39	0.45	-13	0.63	0.28	64.2	25.0	18.8
NextSource Materials	TSX.V	NEXT	0.04	0.09	-56	0.16	0.03	507.4	20.3	15.2
Leading Edge Materials	2) TSX.V	LEM	0.13	0.20	-35	0.45	0.10	95.5	12.4	9.3
Focus Graphite	TSX.V	FMS	0.02	0.03	-33	0.06	0.02	373.9	7.5	5.6
Graphite One	TSX	GPH	0.17	0.40	-58	0.60	0.12	40.6	6.9	5.2
Canada Carbon	TSX.V	CCB	0.06	0.12	-48	0.18	0.05	112.4	6.7	5.1
Ceylon Graphite	TSX.V	CYL	0.10	0.16	-35	0.20	0.08	54.8	5.5	4.1
Northern Graphite	TSX.V	NGC	0.08	0.15	-47	0.30	0.07	65.1	5.2	3.9
Lomiko Metals	TSX.V	LMR	0.04	0.04	0	0.09	0.03	75.0	3.0	2.3
Berkwood Resources	TSX.V	BKR	0.04	0.07	-43	0.13	0.03	63.6	2.5	1.9
Eagle Graphite	TSX.V	EGA	0.05	0.08	-38	0.16	0.03	37.9	1.9	1.4
Great Lakes Graphite	TSX.V	GLK.H	0.04	0.03	17	0.06	0.02	146.1	5.1	3.8
			US\$	US\$		US\$	US\$		US\$	
Westwater Resources	3) NASDAQ	WWR	3.31	7.00	-53	14.50	2.48	2.1	7.0	7.0
Next Graphite	OTC	GPNE	0.01	0.02	-50	0.04	0.01	51.4	0.5	0.5

1) name change from SRG Graphite effective as at July 4, 2019

2) also rare earth element project

3) name change from Zenyatta Ventures effective January 16, 2019

4) also lithium and uranium deposits

Overview of VANADIUM focused listed companies (by market capitalization)

October 1, 2019	Trading symbol		Share price		Change in %	12 months prices		Total shares issued million	Market cap. million	
			Oct.1 2019	year-end 2018		H	L		local	US\$
			GBP	GBP		GBP	GBP		£	
Bushveld Minerals	AIM	BMN	21.25	38.75	-45	50.10	19.50	1,120.0	238.0	290.4
			A\$	A\$		A\$	A\$		A\$	
TNG	1) ASX	TNG	0.09	0.10	-10	0.14	0.08	1,120.0	100.8	69.6
Australian Vanadium	ASX	AVL	0.01	0.02	-50	0.05	0.01	2,550.0	25.5	17.6
Vanadium Resources	2) ASX	VR8	0.05	0.08	-38	0.14	0.04	352.1	17.6	12.1
Technolpgy Metals Australia	ASX	TMT	0.19	0.31	-39	0.57	0.16	87.6	16.6	11.5
Aura Energy	3) ASX	AEE	0.01	0.02	-50	0.02	0.01	1,300.0	13.0	9.0
			C\$	C\$		C\$	C\$		C\$	
Prophecy Development	TSX	PCY	0.39	0.27	44	0.74	0.13	109.3	42.6	32.4
Blue Sky Uranium	4) TSX.V	BSK	0.11	0.17	-35	0.23	0.08	114.3	12.6	9.6
CellCube Energy Storage	CNX	CUBE	0.06	0.19	-68	0.34	0.05	185.6	11.1	8.5
Vanadium One Iron	5) TSX.V	VONE	0.08	0.12	-33	0.29	0.06	51.3	4.1	3.1
Vanadian Energy	6) TSX.V	VEC	0.03	0.08	-63	0.18	0.03	41.1	1.2	0.9
First Vanadium	7) TSX.V	FVAN	0.02	0.80	-97	1.96	0.20	42.4	0.9	0.7

1) vanadium-titanium-iron project

2) name change from Tando Resources effective July 29, 2019

3) also uranium project in Mauretania

4) uranium-vanadium project

5) vanadium-iron-titanium project; name change from Vanadium One Energy effective June 5, 2019

6) name change from Uracan Resources, effective October 5, 2018

7) name change from Cornerstone Metals effective September 25, 2018

Overview of listed MAGNESIUM focused companies (by market capitalization)

October 1, 2019	Trading symbol		Share price		Change in %	12 months prices		Total shares issued million	Market cap. million	
			Oct. 1 2019	year-end 2018		H	L		local	US\$
American Manganese	NYSE	AMYZF	US\$ 0.15	US\$ 0.11	36	US\$ 0.24	US\$ 0.10	177.3	US\$ 26.6	26.6
MGX Minerals	CSE	XMG	C\$ 0.20	C\$ 0.45	-56	C\$ 0.74	C\$ 0.15	140.4	C\$ 28.1	21.3
Giyani Metals	TSX	EMM	0.21	0.11	100	0.35	0.07	85.0	17.9	13.6
Element 25	1) ASX	E25	A\$ 0.20	A\$ 0.17	18	A\$ 0.24	A\$ 0.15	91.9	A\$ 18.4	12.7
Korab Resources	2) ASX	KOR	0.02	0.03	-33	0.04	0.02	317.2	6.3	4.4

1) name change from *Montezuma Mining* as at May 15, 2018
2) also phosphate, precious metals, cobalt and base metals assets

Overview of listed TUNGSTEN focused companies (by market capitalization)

October 1, 2019	Trading sy:		Share price		Change in %	12 months prices		Total shares issued million	Market cap. million	
			Oct. 1 2019	year-end 2018		H	L		local	US\$
Almonty Industries	TSX	All	C\$ 0.73	C\$ 0.65	12	C\$ 1.11	C\$ 0.51	181.4	C\$ 132.4	100.6
Specialty Metals Int.	ASX	SEI	A\$ 0.05	A\$ 0.01	400	A\$ 0.06	A\$ 0.01	982.7	A\$ 49.1	33.9

Overview of listed TITANIUM focused companies (by market capitalization)

October 1, 2019	Trading symbol		Share price		Change in %	12 months prices		Total shares issued million	Market cap. million	
			Oct. 1 2019	year-end 2018		H	L		local	US\$
Kronos Worldwide	NYSE	KRO	US\$ 11.86	US\$ 11.52	3	US\$ 17.14	US\$ 9.65	115.8	US\$ 1,373.4	1,373.4
Tronox	NYSE	TROX	7.69	7.78	-1	15.50	6.46	141.9	1,091.2	1,091.2
Iluka Resources	ASX	ILU	A\$ 8.18	A\$ 7.62	7	A\$ 11.19	A\$ 6.74	422.6	A\$ 3,456.9	2,385.2
BlueJay Mining	AIM	JAY	GBp 9.00	GBp 13.70	-34	GBp 14.85	GBp 4.98	855.0	£ 77.0	93.9

► Only four REE exploration companies focused on Australia and one company listed in Greenland are economically viable

Overview of listed REE focused companies (by market capitalization)										
October 1, 2019	Trading symbol		Share price		Change in %	12 months prices		Total shares issued million	Market cap. million	
			Oct.1 2019	year-end 2018		H	L		local	US\$
US:			US\$	US\$		US\$	US\$		US\$	
Rare Element Resources	OTC US REEMF		0.33	0.05	560	0.60	0.03	79.6	26.3	26.3
Texas Mineral Resources	OTC US TMRC		0.37	0.25	48	0.57	0.12	51.8	19.2	19.2
Ucore Rare Metals	TSX.V	UCU	C\$ 0.12	C\$ 0.12	-4	C\$ 0.34	C\$ 0.09	283.1	C\$ 32.6	24.4
Canada:			C\$	C\$		C\$	C\$		C\$	
Appia Energy	CNSX	API	0.23	0.25	-8	0.41	0.16	65.3	15.0	11.3
Canada Rare Earth	1) TSX.V	LL	0.06	0.04	50	0.11	0.04	193.0	11.6	8.7
Eagle Plains Resources	TSX.V	EPL	0.09	0.09	0	0.12	0.08	93.4	8.4	6.3
Commerce Resources	TSX.V	CCE	0.29	0.60	-52	0.95	0.26	31.8	9.2	6.9
Search Minerals	TSX.V	SMY	0.04	0.05	-11	0.06	0.03	227.7	9.1	6.8
Medaillon Resources	TSX.V	MDL	0.10	0.10	0	0.28	0.09	38.8	3.9	2.9
Int. Montoro Resources	2) TSX.V	IMT	0.04	0.06	-27	0.09	0.04	38.2	1.5	1.1
Canadian Energy Materials	TSX.V	CHEM	0.05	0.15	-67	0.18	0.05	25.9	1.3	1.0
Australia:			A\$	A\$		A\$	A\$		A\$	
Lynas	ASX	LYC	2.72	1.58	72	3.16	1.48	695.4	1,891.5	1267.3
Alkane Resources	3) ASX	ALK	0.68	0.20	240	0.85	0.18	506.1	344.1	230.6
Hastings Technology Metals	ASX	HAS	0.18	0.14	29	0.21	0.12	937.9	168.8	113.1
Northern Minerals	ASX	NTU	0.06	0.06	0	0.09	0.04	2,550.0	153.0	102.5
Arafura Resources	ASX	ARU	0.08	0.05	60	0.14	0.04	1,050.0	84.0	56.3
Western Europe:										
Greenland:			A\$	A\$		A\$	A\$		A\$	
Greenland Minerals	4) ASX	GGG	0.13	0.07	86	0.17	0.05	1,190.0	154.7	103.6
1) vertically integrated REE business										
2) also uranium assets										
3) also gold producer										
4) world's largest undeveloped multi-element REE-uranium-zinc occurrence										

Overview of listed REE focused companies (by market capitalization) - emerging countries

October 1, 2019	Trading symbol		Share price		Change in %	12 months prices		Total shares issued million	Market cap. million	
			Oct.1 2019	year-end 2018		H	L		local	US\$
Central Asia:										
Kyrgyzstan:										
Stans Energy	TSX.V	HRE	C\$ 0.02	C\$ 0.02	100	C\$ 0.11	C\$ 0.02	187.3	C\$ 3.7	2.8
Africa:										
Tanzania:										
Peak Resources	ASX	PEK	A\$ 0.04	A\$ 0.03	33	A\$ 0.07	A\$ 0.02	919.1	A\$ 36.8	24.6
Montero Mining and Exploration 6)	TSX.V	MON	C\$ 0.09	C\$ 0.08	13	C\$ 0.20	C\$ 0.05	21.9	C\$ 2.0	1.5
Angola:										
Pensana Metals	ASX	PM8	A\$ 0.22	A\$ 0.2	10	A\$ 0.32	A\$ 0.12	147.4	A\$ 32.4	21.7
Namibia:										
Namibia Critical Metals	5) TSX.V	NMI	C\$ 0.09	C\$ 0.175	-49	C\$ 0.26	C\$ 0.08	180.3	C\$ 16.2	12.2
Burundi:										
Rainbow Rare Earths	AIM	RBW	GBP 2.80	GBP 4.25	-34	GBP 10.40	GBP 1.75	380.3	£ 10.6	13.0
Malawi:										
Mkango Resources	TSX.V	MKA	C\$ 0.11	C\$ 0.12	-8	C\$ 0.19	C\$ 0.09	133.0	C\$ 14.6	11.0
Globe Metals and Mining	8) ASX	GBE	A\$ 0.02	A\$ 0.01	100	A\$ 0.02	A\$ 0.01	465.9	A\$ 9.3	6.2

5) diversified strategic portfolio of critical metals; main focus on copper-cobalt, project,

6) also phosphate assets South Africa

7) also tantalum mine in Mozambique and gold-silver project in Nevada

8) also graphite project

CALENDAR OF MINING EVENTS



Media Partners 2019

October	8 – 10		MINEX Russia – Moscow
October	28 – 31		IMARC Mining and Resources Conference – Melbourne, Australia
November	5 – 6	▶	The Mining Show - Dubai
November	6 – 7		Mining Investment Latin America Summit – Lima, Peru
December	4		MINEX Eurasia – London
December	5 – 6		Nuclear Industry Summit Latin America – Buenos Aires, Argentina

Media Partners 2020

March	1 - 4		PDAC – Toronto, Canada
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▶ *Marino G. Pieterse – speaker*

October 8 – 10, 2019



 **6TH ANNUAL INTERNATIONAL MINING AND RESOURCES CONFERENCE + EXPO**

Workshops & Pre-Conference: 28 Oct 2019
Conference & Expo: 29 - 31 Oct 2019
Melbourne Convention & Exhibition Centre

   

The
MINING
Show

Middle East | Africa | Central Asia | South Asia

5-6 November 2019 | Festival Arena, Dubai

 **Mining & Investment**
LATIN AMERICA SUMMIT
6th & 7th November 2019, The Westin, Lima

December 4, 2019

