FAR EAST CAPITAL LIMITED Suite 24, Level 6, 259 Clarence Street SYDNEY NSW AUSTRALIA 2000 Tel : +61-2-9230 1930 Mob: +61 417 863187 Email : wgrigor@fareastcapital.com.au AFS Licence No. 253003 ACN 068 838 193

2 January 2021

FAR EAST C A P I T A L The Mining Investment Experts

On Friday's Close

Weekly Commentary

Analyst : Warwick Grigor

First Graphene adding hydrogen capability to its credentials

Traditionally at this time of the (new) year the bears go away to lick their wounds. Those who wanted to sell in the end of year clean have usually done so. The New Year frequently opens up on a positive note, at least for a week or two, and thin volumes make it easier for the bulls to push prices higher. Maybe it will be the same again this year, but the travel restrictions caused by the coronavirus will have an impact. More people will be watching the market than usual.

The lacklustre performance of the gold price, going back to August, has caused traders to pull money out of the gold sector and switch into a range of different commodities. The thinner volumes in many of the speciality sectors resulted in good share price rises even though the fundamental merits were often found to be wanting. With the gold price showing a healthy uptrend since the end of November, we may see money moving back into the gold sector as money rotates. However, keep in mind that the weakening US\$ (and stronger A\$), has been a motivator for gold price movements.

Hydrogen is an emerging part of the energy mix

Hydrogen has been mentioned on many occasions in recent decades as a potentially important source of energy for industry, and particularly as an alternative fuel source for automobiles. Going back to the 1980s, Ballard was spending billions of dollars to develop the first mass produced hydrogen powered car. However, commercial success was not even remotely achieved and hydrogen was relegated to the bench - at least as far as investors were concerned.

Yet, there is increasingly a view being held that hydrogen still has a future. The Bank of America recently forecast that the global hydrogen market will be worth \$2.5 trillion by 2050, requiring a \$11 trillion investment to achieve this level. Thus it is seen as an emerging power source that is being encouraged by government and regulatory policy as opposed to stand-alone economics at this point. As yet there have not been any deep pricing signals. Any move to adopt hydrogen more widely will require a large investment in storage and transport infrastructure.

While hydrogen is being promoted as a carbon free fuel that can be readily stored, it is not technically carbon free if you include the manufacturing process utilising hydrocarbon feedstock, which is how it is mostly made today.

They call this type of hydrogen "blue hydrogen", implying that it is almost green. An important feature is that the CO_2 released at the point of manufacture can be captured and managed, as opposed to being released at the point of use. So, that is useful.

Technically green hydrogen is generated by electrolysis of water using non-carbon reliant energy (solar or wind), but this amounts to less than 5% of global hydrogen production today.

Hazer is the most notable ASX hydrogen company listed on the ASX

We are keeping an eye on stocks that qualify for the hydrogen sector. The most widely promoted in recent years has been Hazer Group Ltd (HZR), which currently has a market capitalisation of \$96m, having been as high as \$124m recently. Approximately five years after completing an IPO, in November 2015, Hazer is working on the construction of a 100 tpa Commercial Demonstration Plant (CDP). As at the recent AGM, the design of this plant was 65% complete. Commissioning is scheduled for October 2021. The capex is estimated to be \$17.5m. Hazer plans to use the knowledge gained from the CDP to design a commercial scale plant of 1,000 to 5,000 capacity of hydrogen.

In the earlier days of its career, Hazer frequently promoted its process as a potential supplier of high quality graphite as a by-product, but that was when the ill-fated graphite stock market boom was underway. I suppose this is a demonstration of the useful carbon capture feature mentioned above, but any assessment of Hazer needs to be based on the economics of hydrogen, not graphite. The diminished interest in graphite was emphasised by the recent news that Minerals Resources was pulling out of its collaboration agreement with Hazer on the graphite, as it no longer views graphite as a strategic commodity.

Hydrogen and FGR's Kainos Technology

First Graphene has recently made announcements regarding its work with Kainos Innovation Ltd that involves the development of a new, innovative route to the manufacturing of a "green" hydrogen that also provides high quality, battery grade graphene products.

An exclusive, worldwide licence is held over the technology that enables precise control over size, shape and chemistry of the graphene products. For every tonne of petroleum feedstock used, 940 kg of graphene/graphitic carbon and 60 kg of green hydrogen gas is produced. There are no carbon dioxide products. Thus, it qualifies for the "green tag".

Work is starting in January 2021, focusing on production of proof of concept samples of the novel battery-grade materials which is fully funded by the UK Government. While it has to be acknowledged that this is an advanced research project at present, as opposed to commercial scale, it is nonetheless a very exciting development.

On a general note, any move towards hydrogen as a transportable energy source will require the development of rubber and composite materials with upgraded barrier performance in gaskets, seal and storage tanks. This need will play into graphene's strengths and potential to be a strong source of demand for PureGRAPH. Graphene scaffold catalysts could also feature in the water electrolysis process of making hydrogen.

This commentary is provided at no charge and in good faith from sources believed to be reliable and accurate. Far East Capital Ltd directors and employees do not accept liability for the results of any action taken on the basis of information provided or for any errors or omissions contained therein. Readers should seek investment advice from their professional advisors before acting on information contained therein. Please see **Disclosure of Conflicts of Interest** at the end of this commentary.

Of more immediate commercial interest will be the ability of the Kainos process to deliver carbon coated electrode materials for sale into the existing lithium-ion battery market. This can be added to the list of markets that First Graphene's products could supply.

Disclosure: Interests associated with the author own shares and options in First Graphene. The author is a director of FGR, and FEC has received capital raising fees.

Lucapa strengthening its shareholder base

Lucapa announced that Safdico International Limited had become a 5.95% shareholder, following on from a placement that had received shareholder approval. Safdico is one of the world's leading diamond manufacturing and trading companies with a head office in Mauritius and other offices in Israel, Belgium and South Africa. Its expertise lies in large and rare gemstones. Previously, Lucapa had announced an agreement for Safdico to be a Preferred Buyer of up to 60% of Lulo's rough diamond production from Angola.

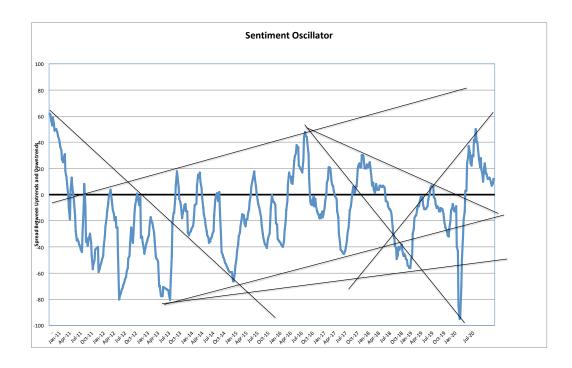
In a separate announcement Lucapa disclosed that it was participating in the sale process being undertaken by the liquidators of Merlin Diamonds Ltd., that may lead to it purchasing the Merlin kimberlite diamond mine. Apparently, Lucapa is of the opinion that it can extract good value out of the project that was previously poorly managed. Negotiations are continuing. Disclosure: Interests associated with the author own shares in Lucapa Diamond Company had FEC has received capital raising fees.

Predatory behaviour of the Chinese needs to be countered

Last week we mentioned that the Chinese manipulated the rare earths market to suit its own ends. That should be taken as read. If it has been doing it in one market, we should expect that it will try and do that with other markets. Is that what is happening now with the ban on coal from Australia? Is it seeking to white ant or even destroy our coal producers with the view to coming in and buying the assets cheap once the companies are on their knees, if it gets to that?

The first thing the Australian Government should do is ban Chinese parties from purchasing such assets in Australia. While it is not good to have a government interfere with market pricing of commodities or the companies that supply them, when it comes to war - a trade war - you have to fight fire with fire.

The weakness with our liassez-faire style of business, where governments keep their noses out of it, is that the operators are vulnerable to more powerful foreign government supported forces that try to manipulate normal market forces. Our government should not stand back and allow the predatory actions of the Chinese Communist Party to undermine our industry.



Sentiment Oscillator: Sentiment improved over the short week. There were 45% (42%) of the charts in uptrend and 33% (34%) in downtrend on Friday's close.

This commentary is provided at no charge and in good faith from sources believed to be reliable and accurate. Far East Capital Ltd directors and employees do not accept liability for the results of any action taken on the basis of information provided or for any errors or omissions contained therein. Readers should seek investment advice from their professional advisors before acting on information contained therein. Please see **Disclosure of Conflicts of Interest** at the end of this commentary.

Detailed Chart Comments

NB. Only the bold comments have been updated. Comments in grey type are from previous weeks and will be less relevant. Please note that this list is a cross section of the market. It IS NOT a list of recommendations.

Indices	Code	Trend Comment	
All Ordinaries	XAO	consolidating near highs	
Metals and Mining	ХММ	consolidating around recent highs	
Energy	XEJ	consolidating around recent highs	
Stocks	Code	Trend Comment (updated comments in bold)	Main Interest
Alpha HPA	A4N	testing uptrend	НРА
Adriatic Resources	ADT	testing downtrend	zinc, polymetalic
Aeon Metals	AML	down	copper + cobalt
Alkane Resources	ALK	breached uptrend, heading down	gold, zirconia
Alicanto Minerals	AQI	down	base metals, silver, gold
Allegiance Coal	AHQ	surge through downtrend	coking coal
Alliance Resources	AGS	down	gold predevelopment
Alto Metals	AME	down	gold exploration
American Rare Earths (was BPL)	ARR	short term down	rare earths
Apollo Consolidated	AOP	down	gold exploration
Arafura Resources	ARU	rising again	rare earths
Aurelia Metals	AMI	down	gold + base metals
Australian Potash	APC	breached downtrend	potash
Auteco Minerals	AUT	down	gold exploration
ВНР	BHP	new high	diversified, iron ore
Base Resources	BSE	new high	mineral sands
BBX Minerals	BBX	breaching downtrend	gold exploration
Beach Energy	BPT	surged higher	oil and gas
Beacon Mining	BCN	sideways	gold production
Bellevue Gold	BGL	off its highs	gold exploration
Blackstone Minerals	BSX	breached downtrend	nickel
Blue Star Helium	BNL	spike through downtrend	gas, helium
Boab Metals		named change from Pacifico Minerals	silver/lead
Breaker Resources	BRB	still in LT downtrend	gold exploration
Buru Energy	BRU	surge higher	oil
Calidus Resources	CAI	down	gold
Capricorn Metals	СММ	testing downtrend	gold
Caravel Minerals	CVV	steeply higher	copper
Celsius Resources	CLA	rising	uptrend
Central Petroleum	СТР	sideways	oil/gas
Chalice Gold	CHN	new high	nicklel, copper, PGMs, gold exploration
Chase Mining	CML	sideways at lows	nickel/copper/PGE
Chesser Resources	CHZ	rallying	gold exploration
Cobalt Blue	СОВ	strongly higher	cobalt
Cyprium Metals	СҮМ	fallen back to support line	copper

This commentary is provided at no charge and in good faith from sources believed to be reliable and accurate. Far East Capital Ltd directors and employees do not accept liability for the results of any action taken on the basis of information provided or for any errors or omissions contained therein. Readers should seek investment advice from their professional advisors before acting on information contained therein. Please see **Disclosure of Conflicts of Interest** at the end of this commentary.

DanakaliDNKImageDavenport ResourcesDAVImageDe GreyDEGDEGImageE2 MetalsE2MImageImageEcograf (was Kibaran)EGRImageImageElement 25E2MEMRImageEuro ManganeseEMNImageImageEvolution MiningEVNImageImageFirefinchFFXImageImageFortescue MetalsGANImageImageGalana MiningG1AImageImageGallee EnergyGLLImageImageGold RoadGORImageImageHilghfield ResourcesILUImageHilghree ResourcesILUImageIndependence GroupIGOImageIndependence GroupIRRImageIndele ResourcesIRRImageIndele ResourcesIRRImageIndele ResourcesIRRImageIndale ResourcesIRRImageIndale ResourcesIRRImageIndingILUImageIndingILUImageIndian ResourcesILUImageIndian ResourcesILUImageIndian ResourcesILUImageIndian ResourcesILUImageIndian ResourcesILUImageIndian ResourcesILUImageIndian ResourcesILUImageIndian ResourcesILUImageIndian Resourc	Dacian Gold	DCN
De GreyDEGE2 MetalsE2ME2 MetalsEQMEcograf (was Kibaran)EGRElement 25E25Emerald ResourcesEMREuro ManganeseEMNEvolution MiningEVNFirefinchFRXFiref GrapheneFGRGalaxy ResourcesGXYGalena MiningG1AGaliee EnergyGLGold RoadGRMHighfield ResourcesHGRHilgrove ResourcesILUIndage ResourcesILUIndage ResourcesILUIndependence GroupIRRJindalee ResourcesJRRJindalee ResourcesJRRJindalee ResourcesKSNKingston ResourcesKSNLigend MiningJRLLigend MiningJRLLigend MiningJRLLigend MiningLGCLigend Mining <td>Danakali</td> <td>DNK</td>	Danakali	DNK
Fit of all E2 MetalsE2ME2 MetalsE2MEcograf (was Kibaran)EGRElement 25E25Emerald ResourcesEMREuro ManganeseEMNEvolution MiningEVNFirefinchFFXFirst GrapheneFGRFortescue MetalsGXYGalena MiningG1AGaliee EnergyGLLGold RoadGORHirghield ResourcesHGRHilgrove ResourcesILUIndependence GroupILQIndependence GroupINAIonice Rare Earths (Oro Verde)INRJervois MiningXIRJindalee ResourcesKWRIndigendence GroupILCIndependence GroupILRIonice Rare Earths (Oro Verde)INRIindalee ResourcesKWRIindalee ResourcesILQIindalee ResourcesKURLegend MiningLEGLugend MiningLINLugend MiningLINLugend MiningLINLugend MiningLINLugan CarpoLCLLugan CarpoLCLLugan CarpoLCLLucapa DiamondLOMLucapa Cold (was Graphex)MEQMarvel Gold (was Graphex)MICMarvel Gold (was Graphex)MIC<	Davenport Resources	DAV
Ecograf (was Kibaran)EGRElement 25E25Element 25EMREuro ManganeseEMNEuro ManganeseENNEvolution MiningFVNFirefinchFFXFirefinchFFXFirefacyFGRFortescue MetalsGAVGalaay ResourcesGXUGaliee EnergyGLLGold RoadGORHighfield ResourcesHGRHilgrove ResourcesILUIndae ResourcesILUIndependence GroupIARJonce Rate Earths (Oro Verde)INRJorvois MiningJNRJonde ResourcesKNRIdidalee ResourcesKNRIdidalee ResourcesILUIndependence GroupIRRJonic Rare Earths (Oro Verde)INRJindalee ResourcesKNRIdinalee ResourcesKNRIdinalee ResourcesKURLicues MiningLEGLicues MiningLEGLicues AlesourcesLINLicues ResourcesLINLicues Resour	De Grey	DEG
Element 25E25Emerald ResourcesEMREuro ManganeseEMNEvolution MiningEVNFirefinchFFXFirst GrapheneFGRFortescue MetalsFMGGaleax MesourcesGMUGaliee EnergyGLUGold RoadGORHilgfrield ResourcesHFRHilgrove ResourcesHAGIndage ResourcesIMAIndependence GroupIMAIndependence GroupJRLJindalee ResourcesJRLJindalee ResourcesJRLIghrighting ResourcesINRIndependence GroupJRLJindalee ResourcesJRLJindalee ResourcesKINJindalee ResourcesKINLiughtiningJRLJindalee ResourcesKINLiughtingJRLLiugaton ResourcesKINLiugaton ResourcesKINLiugaton ResourcesLCLLiugaton ResourcesLCLLiugatoresLCLLiugatoresLCLLiugatoresLCLLiugatoresLCLLiugatoresLCLLiugatoresLCLLiugatoresLCL <td>E2 Metals</td> <td>E2M</td>	E2 Metals	E2M
InternationInternationEmerald ResourcesEMREuro ManganeseEMNEvolution MiningEVNFirst GrapheneFGRFortescue MetalsFMGGalaxy ResourcesGXYGaliee EnergyGLLGold RoadGORGold RoadGORHighfield ResourcesHGRHullgrove ResourcesILUIndependence GroupILQIndependence GroupINAIonic Rare Earths (Oro Verde)INRJindalee ResourcesJRLJindalee ResourcesKINJindalee ResourcesILQJindalee ResourcesILQIcinear Earths (Oro Verde)INRJindalee ResourcesKINLigend MiningJNRJindalee ResourcesKINLigend MiningLEGLigend MiningLEGLigend MiningLICLigend MiningLICLigend MiningLICLigend MiningLICLigend MiningLICLigend MiningLICLigend MiningLICLigend MiningLICLigend MiningLICLiguan AustraliaLICLiguan AustraliaLICLiguan Corp.LICMako GoldMKGMarotaMHCMarotaMHCMarvel Gold (was Graphex)MICMarvel Gold (was Graphex)MICMarvel Gold (was Graphex)MiCMarvel Gold (was Graphex)MiCMarvel Go	Ecograf (was Kibaran)	EGR
Euro ManganeseEMNEvolution MiningEVNFirefinchFFXFirst GrapheneFGRFortescue MetalsFMGGalaxy ResourcesGXYGalena MiningG1AGaliee EnergyGLLGold RoadGORHilgnfield ResourcesHFRHilgnove ResourcesHGOIuka ResourcesILUIndependence GroupIGOIoneer (was Global Geoscience)INRJervois MiningJVRJonic Rare Earths (Oro Verde)JRLJindalee ResourcesKINIudage ResourcesKINIudingKINKingston ResourcesKINLegend MiningLEGLegend MiningLINLindian ResourcesLINLatist ResourcesLINLatist ResourcesLINKingwest ResourcesKWRLegend MiningLINLindian ResourcesLINLindian ResourcesLOTLindian ResourcesLOTLotus ResourcesLOTLucapa DiamondLOMMako GoldMKGManhattan CorpMKCMarvel Gold (was Graphex)MVLMarvel Gold (was Graphex)MVLMarvel Gold (was Graphex)MVLKatlTechMTCKatlTechMTCKatlTechMTCKingerKinKingerKinKingerKinKingerKinKingerKinKingerKin <td>Element 25</td> <td>E25</td>	Element 25	E25
Evolution MiningEVNEvolution MiningFVNFirefinchFFXFirst GrapheneFGRFortescue MetalsFMGGalaxy ResourcesGXYGalena MiningG1AGallee EnergyGLLGold RoadGORGold RoadGORHilgrove ResourcesHGOHilugrove ResourcesILUInage ResourcesILUIndependence GroupIGOIonice Rare Earths (Oro Verde)IXRJervois MiningJVRJindalee ResourcesKINIdingston ResourcesKSNKingston ResourcesKSNKingston ResourcesLIDLegend MiningLEGLegidicoLPDLindian ResourcesLINLindian ResourcesLINLuthum AustraliaLITLotus ResourcesLOTLucapa DiamondLOMMako GoldMKGMarnotaMHCMarvel Gold (was Graphex)MVLMarvel Gold	Emerald Resources	EMR
FirefinchFFXFirst GrapheneFGRFortescue MetalsFMGGalaxy ResourcesGXYGalena MiningG1AGaliee EnergyGLLGenisis MineralsGMDGold RoadGORHilgrove ResourcesHGOHilgrove ResourcesHGOIhuka ResourcesILUInage ResourcesIMAIndependence GroupIGOIonice Rare Earths (Oro Verde)IXRJindalee ResourcesIXRJindalee ResourcesXINKin MiningKINKingston ResourcesKWRKingwest ResourcesKWRLegend MiningLICLedicoLPDLindian ResourcesLINLucapa DiamondLOTLucapa DiamondLOTMako GoldMKGManbattan CorpMHCMarvel Gold (was Graphex)MVLMarvel Gold (was Graphex)MV	Euro Manganese	EMN
First GrapheneFGRFortescue MetalsFMGGalaxy ResourcesGXYGalena MiningG1AGalilee EnergyGLLGenisis MineralsGMDGold RoadGORHighfield ResourcesHGOHillgrove ResourcesILUIndependence GroupILUIoneer (was Global Geoscience)INRJervois MiningJVRJonde ResourcesJRLJindalee ResourcesJRLJindalee ResourcesIXRJindalee ResourcesKINJindalee ResourcesKINJindalee ResourcesKINKin MiningKINKingston ResourcesKWRLegend MiningLEGLepidicoLPDLindian ResourcesLINLotus ResourcesLOTLotus ResourcesLOTLucapa DiamondLOMLucapa DiamondMKGMarvel Gold (was Graphex)MKLMarvel Gold (was Graphex)MVLMarvel Gold (was Graphex)MVL	Evolution Mining	EVN
Fortescue MetalsFMGGalaxy ResourcesGXYGalena MiningG1AGalilee EnergyGLLGenisis MineralsGMDGold RoadGORHighfield ResourcesHFRHilgrove ResourcesILUInage ResourcesIMAIndependence GroupIGOIonic Rare Earths (Oro Verde)IXRJindalee ResourcesJNRJindalee ResourcesJRLJindalee ResourcesKINKingston ResourcesKSNKingston ResourcesKSNLegend MiningLEGLegend MiningLITLots CerrosLINLithium AustraliaLITLucapa DiamondLOMLucapa DiamondLOMMako GoldMKGManhattan CorpMHCMarvel Gold (was Graphex)MVLMarvel Gold (was Graphex)MVLMarvel Gold (was Graphex)MVLMater TechMVL	Firefinch	FFX
Galaxy ResourcesGXYGalara MiningG1AGalilee EnergyGLLGenisis MineralsGMDGold RoadGORHighfield ResourcesHFRHillgrove ResourcesHGOIluka ResourcesILUImage ResourcesIMAIndependence GroupIGOIonic Rare Earths (Oro Verde)IXRJindalee ResourcesJVRJindalee ResourcesJVRJindalee ResourcesKINKin MiningKINKingston ResourcesKWRLegend MiningLEGLegend MiningLINLotus ResourcesLINLucapa DiamondLOMLucapa DiamondLOMMarnotaMKGMarnotaMKUMarvel Gold (was Graphex)MVLMarvel Gold (was Graphex)MVLMaturel FechMTC	First Graphene	FGR
Galena MiningG1AGaliee EnergyGLLGenisis MineralsGMDGold RoadGORHighfield ResourcesHFRHillgrove ResourcesHGOIluka ResourcesILUImage ResourcesIMAIndependence GroupIGOioneer (was Global Geoscience)INRJindalee ResourcesJRLJindalee ResourcesKINKingston ResourcesKSNKingwest ResourcesKWRLegend MiningLEGLeipticoLPDLithium AustraliaLITLots ResourcesLOTLucapa DiamondLOMMarnotaMKGMarnotaMKQMarnotaMEUMarvel Gold (was Graphex)MYLMature IcenMYL	Fortescue Metals	FMG
InductorInductorGalilee EnergyGLLGMDGenisis MineralsGMDGMDGold RoadGORIHighfield ResourcesHFRIHillgrove ResourcesHGOIIluka ResourcesILUIImage ResourcesIMAIIndependence GroupIGOIioneer (was Global Geoscience)INRIJervois MiningJVRIJervois MiningJVRIJindalee ResourcesKINIKingston ResourcesKSNIKingwest ResourcesKWRILegend MiningLEGILepidicoLPDILindian ResourcesLINILuts ResourcesLOTILucapa DiamondLOMILucapa DiamondLOMIMako GoldMKGIMarnotaMEUMICMarnotaMEUIMaruel Gold (was Graphex)MYLIMetalTechMTCI	Galaxy Resources	GXY
InternationInternationGenisis MineralsGMDIGold RoadGORIHighfield ResourcesHFRIHillgrove ResourcesILUIInage ResourcesILUIIndependence GroupIGOIioneer (was Global Geoscience)INRIJervois MiningJVRIJindalee ResourcesJRLIJindalee ResourcesKINIKin MiningKINIKingston ResourcesKWRILegend MiningLEGILegend MiningLEGILegend MiningLEGILegend MiningLEGILucapa DiamondLOTILucapa DiamondLOMIMako GoldMKGIMarnotaMEUMICMarvel Gold (was Graphex)MYLIMetalTechMTCI	Galena Mining	G1A
Action of the section of the sectio	Galilee Energy	GLL
Highfield ResourcesHFRHillgrove ResourcesHGOIluka ResourcesILUImage ResourcesIMAIndependence GroupIGOioneer (was Global Geoscience)INRJonic Rare Earths (Oro Verde)IXRJindalee ResourcesJRLJindalee ResourcesJRLKin MiningKINKingston ResourcesKSNLegend MiningLEGLegend MiningLITLeidicoLITLithium AustraliaLITLotus ResourcesLOTLucapa DiamondLOMLucapa OlamondMKGMako GoldMKGMarnotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Genisis Minerals	GMD
Hillgrove ResourcesHGOHillgrove ResourcesILUImage ResourcesIMAIndependence GroupIGOioneer (was Global Geoscience)INRIonic Rare Earths (Oro Verde)IXRJervois MiningJVRJindalee ResourcesJRLKin MiningKINKingston ResourcesKWRLegend MiningLEGLepidicoLPDLindian ResourcesLINLindian ResourcesLINLotus ResourcesLCLLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGMarrotaMEUMarvel Gold (was Graphex)MYLMetalTechMTC	Gold Road	GOR
Iluka ResourcesILUImage ResourcesIMAIndependence GroupIGOioneer (was Global Geoscience)INRIonic Rare Earths (Oro Verde)IXRJervois MiningJVRJindalee ResourcesJRLKin MiningKINKingston ResourcesKWRLegend MiningLEGLegend MiningLINLindian ResourcesLINLindian ResourcesLINLithium AustraliaLITLotus ResourcesLOTLucapa DiamondLOMLunas Corp.LYCMako GoldMKGMarrotaMEUMarrotaMEUMarvel Gold (was Graphex)MYCMetalTechMTC	Highfield Resources	HFR
Image ResourcesIMAIndependence GroupIGOioneer (was Global Geoscience)INRIonic Rare Earths (Oro Verde)IXRJervois MiningJVRJindalee ResourcesJRLKin MiningKINKingston ResourcesKSNKingwest ResourcesKWRLegend MiningLEGLepidicoLPDLindian ResourcesLINLindian ResourcesLOTLotus ResourcesLCLLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMHCMarmotaMEUMarvel Gold (was Graphex)MYLMetalTechMTC	Hillgrove Resources	HGO
Independence GroupIGOioneer (was Global Geoscience)INRIonic Rare Earths (Oro Verde)IXRJervois MiningJVRJindalee ResourcesJRLKin MiningKINKingston ResourcesKSNLegend MiningLEGLegend MiningLINLindian ResourcesLINLindian ResourcesLINLotus ResourcesLOTLotus ResourcesLOTLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGMarrotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Iluka Resources	ILU
ioneer (was Global Geoscience)INRIonic Rare Earths (Oro Verde)IXRJervois MiningJVRJindalee ResourcesJRLKin MiningKINKingston ResourcesKSNKingwest ResourcesKWRLegend MiningLEGLepidicoLPDLindian ResourcesLINLithium AustraliaLITLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGMarrotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Image Resources	IMA
Ionic Rare Earths (Oro Verde)IXRJervois MiningJVRJindalee ResourcesJRLKin MiningKINKingston ResourcesKSNKingwest ResourcesKWRLegend MiningLEGLepidicoLPDLindian ResourcesLINLithium AustraliaLITLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMHCMarrotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Independence Group	IGO
Jervois MiningJVRJindalee ResourcesJRLKin MiningKINKingston ResourcesKSNKingwest ResourcesKWRLegend MiningLEGLegend MiningLEGLepidicoLPDLindian ResourcesLINLithium AustraliaLITLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGMarmotaMEUMarrotaMUCMetalTechMTC	ioneer (was Global Geoscience)	INR
Jindalee ResourcesJRLKin MiningKINKingston ResourcesKSNKingwest ResourcesKWRLegend MiningLEGLepidicoLPDLindian ResourcesLINLindian ResourcesLINLos CerrosLCLLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGMarmotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Ionic Rare Earths (Oro Verde)	IXR
Kin MiningKINKingston ResourcesKSNKingwest ResourcesKWRLegend MiningLEGLepidicoLPDLindian ResourcesLINLithium AustraliaLITLots CerrosLOTLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGMarmotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Jervois Mining	JVR
Kingston ResourcesKSNKingwest ResourcesKWRLegend MiningLEGLepidicoLPDLindian ResourcesLINLindian ResourcesLINLithium AustraliaLITLos CerrosLCLLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGMarmotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Jindalee Resources	JRL
Kingwest ResourcesKWRLegend MiningLEGLepidicoLPDLindian ResourcesLINLithium AustraliaLITLos CerrosLCLLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGManhattan CorpMHCMarrotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Kin Mining	KIN
Legend MiningLEGLepidicoLPDLindian ResourcesLINLithium AustraliaLITLos CerrosLCLLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGManhattan CorpMHCMarrotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Kingston Resources	KSN
LepidicoLPDLindian ResourcesLINLithium AustraliaLITLos CerrosLCLLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGManhattan CorpMHCMarrotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Kingwest Resources	KWR
Lindian ResourcesLINLithium AustraliaLITLos CerrosLCLLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGManhattan CorpMHCMarmotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Legend Mining	LEG
Lithium AustraliaLITLos CerrosLCLLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGManhattan CorpMHCMarrotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Lepidico	LPD
Los CerrosLCLLotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGManhattan CorpMHCMarrotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Lindian Resources	LIN
Lotus ResourcesLOTLucapa DiamondLOMLynas Corp.LYCMako GoldMKGManhattan CorpMHCMarmotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Lithium Australia	LIT
Lucapa DiamondLOMLynas Corp.LYCMako GoldMKGManhattan CorpMHCMarmotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Los Cerros	LCL
Lynas Corp.LYCMako GoldMKGManhattan CorpMHCMarmotaMEUMarvel Gold (was Graphex)MVLMetalTechMTC	Lotus Resources	LOT
Mako Gold MKG Manhattan Corp MHC Marmota MEU Marvel Gold (was Graphex) MVL MetalTech MTC	Lucapa Diamond	LOM
Manhattan Corp MHC Marmota MEU Marvel Gold (was Graphex) MVL MetalTech MTC	Lynas Corp.	LYC
Marmota MEU Marvel Gold (was Graphex) MVL MetalTech MTC	Mako Gold	MKG
Marvel Gold (was Graphex) MVL MetalTech MTC	Manhattan Corp	мнс
MetalTech MTC	Marmota	MEU
	Marvel Gold (was Graphex)	MVL
Meteoric Resources MEI	MetalTech	мтс
	Meteoric Resources	MEI

	Weekly commentary
gentle uptrend	gold
down	potash
rising	potash
shallower downtrend	gold
correcting lower, ST downtrend	gold exploration
pullback	graphite
new high	manganese
rising	gold
on apex of a wedge	manganese
down	gold
testing downtrend	gold
consolidating at highs	graphene
rising again	iron ore
rising strongly	lithium
rising	lead
down	oil and gas, CBM
down	gold
breaching downtrend	gold
rising	potash
breached support line	copper
strong rise	mineral sands
falling back to support line	mineral sands
surge through resistance line	gold
steeply higher	lithium
gentle uptrend	rare earths
rising again	nickel/cobalt
on support line	lithium
testing uptrend	gold
rising gently	gold
back to support line	gold
down	nickel exploration
sideways	lithium
strong rally	bauxite
rising	lithium
rally through downtrend line	gold exploration
firmer	uranium
testing resistance	diamonds
new high	rare earths
down again	gold exploration
down drifting lower	gold exploration
drifting lower down	gold exploration
testing downtrend	gold exploration gold
rising	gold exploration

Weekly Commentary

This commentary is provided at no charge and in good faith from sources believed to be reliable and accurate. Far East Capital Ltd directors and employees do not accept liability for the results of any action taken on the basis of information provided or for any errors or omissions contained therein. Readers should seek investment advice from their professional advisors before acting on information contained therein. Please see **Disclosure of Conflicts of Interest** at the end of this commentary.

MetalsX	MLX	
Metro Mining	ММІ	
Mincor Resources	MCR	
Musgrave Minerals	MGV	
Myanmar Minerals	MYL	
Nelson Resources	NES	
Neometals	NMT	
Northern Minerals	NTU	
Northern Star Res.	NST	
NTM Gold	NTM	
Oceana Gold	OGC	
Oklo Resources	OKU	
Orecorp	ORR	
Orocobre	ORE	
Oz Minerals	OZL	
Pacific American Holdings	PAK	
Pantoro	PNR	
Panoramic Res	PAN	
Peak Resources	PEK	
Peel Mining	PEX	
Peninsula Energy	PEN	
Poseidon Nickel	POS	
Pensana Metals	PM8	
Perseus Mining	PRU	
Pilbara Minerals	PLS	
Polarex	PXX	
Queensland Pacific Metals	QPM	
Ramelius Resources	RMS	
Red5	RED	
Red River Resources	RVR	
Regis Resources	RRL	
Renergen	RLT	
Resolution Minerals	RML	
Resolute Mining	RSG	
RIO	RIO	
Rumble Resources	RTR	
Salt Lake Potash	SO4	
Saracen Minerals	SAR	
St Barbara	SBM	
Sandfire Resources	SFR	
Santos	STO	
Saturn Metals	STN	
Sheffield Resources	SFX	
Sky Metals	SKY	
	0.11	

aironalu biabar	tin niekol
strongly higher	tin, nickel
at lows	bauxite
rising	gold/nickel
down	gold exploration
breaching downtrend	lead, zinc, silver
new high	gold exploration
rising	lithium
back to support line	REE
testing downtrend	gold
takeover bid	gold exploration
surge through downtrend	gold
down	gold expl.
rising again	gold development
rising	lithium
at recent highs	copper
down	coal
sideways through downtrend	gold
sideways	nickel
correcting	rare earths
testing downtrend	copper
surge out of downtrend	uranium
breached uptrend	nickel
new high	rare earths
testing downtrend	gold
at highs	lithium
down	polymetallic exploration
breaching correcting downtrend	nickel/cobalt/HPA
down again	gold production
sideways through downtrend	gold
new high	zinc
down	gold
back to support line	gas, helium
down	gold exploration
testing downtrend	gold
a ever le jede	diversified incomence
new high	diversified, iron ore
secondary downtrend	gold exploration
secondary downtrend	gold exploration
secondary downtrend down again	gold exploration potash
secondary downtrend down again down	gold exploration potash gold
secondary downtrend down again down secondary downtrend	gold exploration potash gold gold
secondary downtrend down again down secondary downtrend breached downtrend	gold exploration potash gold gold copper
secondary downtrend down again down secondary downtrend breached downtrend pullback from high	gold exploration potash gold gold copper oil/gas

Weekly Commentary

This commentary is provided at no charge and in good faith from sources believed to be reliable and accurate. Far East Capital Ltd directors and employees do not accept liability for the results of any action taken on the basis of information provided or for any errors or omissions contained therein. Readers should seek investment advice from their professional advisors before acting on information contained therein. Please see **Disclosure of Conflicts of Interest** at the end of this commentary. 5

St George Mining	SGQ		down
Silex Systems	SLX		steeply higher
Silver Mines	SVL		on support line
Sipa Resources	SRI		down
Stanmore Coal	SMR		breached steepest downtrend
Strandline Resources	STA		still in downtrend
Sunstone Metals	STM		down
Talga Resources	TLG		fallen back to support line
Technology Metals	TMT		down
Tesoro Resources	TSO		down
Theta Gold Mines	TGM		uptrend
Thor Mining	THR		down
Tietto Minerals	TIE		down
Titan Minerals	TTM		sideways
Vango Mining	VAN		down
Venturex	VXR		testing uptrend
Vimy Resources	VMY		steeply higher
West African Resources	WAF		testing downtrend
Westgold Resources	WGX		strong rally
West Wits Mining	WWI		off its highs
Western Areas	WSA		rising
Whitehaven Coal	WHC		rising
Wiluna Mining	WMX		down
Yandal Resources	YRL		down
Zinc Mines of Ireland	ZMI		secondary downtrend
Totals	45%	66	Uptrend
	33%	49	Downtrend
		148	Total

Weekly Commentary

nickel

silver

coal

graphite vanadium gold exploration

gold

gold gold zinc uranium gold gold gold nickel coal

gold exploration

gold exploration

zinc

mineral sands

uranium enrichment technology

general exploration - Ni,Cu, Co, Au

Guides to Chart Interpretations

- Charts usually go pass from one trend (up or down) into the other via a period of indecision and uncertainty during which the trend can either recover or change. This period is signified by the orange colour. The orange represent both the greatest risk and greatest reward possibilities.
- Once a chart is in confirmed up or downtrends it is not uncommon for 10-20% of that trend to have already transpired.
- There are trends within trends. The focus of this chart review is the immediate trend that affects the sentiment i.e. it can be a downtrend within a long-term uptrend.
- · Not every chart warrants a new comment every week. The new comments are in bold type. Grey type comments may be dated.
- Individual charts provide a single view. It is valuable to look at charts of other companies in similar commodities, and the overall sentiment is also very
 valuable. Not many stocks can swim against the tide.
- We periodically add or delete charts, some times for obscure reasons. If a chart consistent gives poor signals or is very erratic, we may delete it. Sometimes we add a chart because we want to see what all the fuss is about. We do have a preference for charting stocks that we cover in our research as well.
- Errors and omissions may occur from time to time, especially in fast moving markets.

Amber Lights in Tables: Just a reminder if when the amber light is used in the table – it is when the charts are ambiguous or when there is a change of trend taking place. If a chart is breaching a downtrend it can either be a positive sign or a trap. Only once it has done more work can it be confirmed as a new uptrend. Maybe it is a new uptrend (or conversely a new downtrend); the risk takers can decide to jump on board early (or sell). They will maximise their profits (or minimise their losses if indeed it is the start of the new uptrend (downtrend). More risk-averse investors should wait a little longer, being prepared to give up some of the gains in return for greater certainty.

This commentary is provided at no charge and in good faith from sources believed to be reliable and accurate. Far East Capital Ltd directors and employees do not accept liability for the results of any action taken on the basis of information provided or for any errors or omissions contained therein. Readers should seek investment advice from their professional advisors before acting on information contained therein. Please see **Disclosure of Conflicts of Interest** at the end of this commentary.

Weightings of Sectors Bonrosonted in the Company Charts

Weightings of Sectors Represented in the Company Charts				
Sector	No. of Companies	Weighting		
Gold	37	25.0%		
Gold Exploration	26	17.6%		
Nickel	12	8.1%		
Oil/Gas	7	4.7%		
Lithium	8	5.4%		
Zinc/Lead	7	4.7%		
Rare Earths	7	4.7%		
Copper	9	6.1%		
Mineral Sands	5	3.4%		
Iron Ore/Manganese	5	3.4%		
Potash/Phosphate	5	3.4%		
Coal	4	2.7%		
Uranium	4	2.7%		
Graphite	2	1.4%		
Bauxite	2	1.4%		
Silver	2	1.4%		
Cobalt	1	0.7%		
Tin	1	0.7%		
Diamonds	1	0.7%		
Other	3			
Total	148			

FEC Disclosure of Interests: It is a requirement of ASIC that holders of AFS licences prominently disclose any conflicts of interest. At all times readers should be aware that Far East Capital Ltd is an active investor. It shares its research and opinions free of charge to other investors and it aims to do so on an ethical basis. Accordingly, when it is writing about stocks in which it holds interests, these will be disclosed. In this week's publication FEC discloses that interests associated with the the author hold shares in First Graphene. and Lucapa Diamond Company. The author is chairman of First Graphene and one of the largest shareholders, through a number of entities. Over the last three years FEC has received fees from Alicanto Minerals, Blackstone Minerals, Broken Hill Prospecting, Cobalt Blue, First Graphene, Golden Rim, Lindian Resources, Lucapa Diamond Company, Orinoco Gold, Pacific American and West Wits for corporate and capital raising services. Its primary business is investing and managing its own money, but it does occasionally raise money for resource companies.

Disclaimer: This Research Report has been prepared exclusively for Far East Capital clients and is not to be relied upon by anyone else. In compiling this Commentary, we are of necessity unable to take account of the particular investment objectives, financial situation and needs of any of our individual clients. Accordingly, each client should evaluate the recommendations obtained in this Commentary in the light of their own particular investment objectives, financial situation and needs. If you wish to obtain further advice regarding any recommendation made in this Commentary to take account of your particular investment objectives, financial situation and needs, you should contact us. We believe that the advice and information herein are accurate and reliable, but no warranty of accuracy, reliability or completeness is given and (except insofar as liability under any statute cannot be excluded) no responsibility arising in any other way for errors or omissions or in negligence is accepted by Far East Capital Limited or any employee or agent. For private circulation only. This document is not intended to be an offer, or a solicitation of an offer, to buy or sell any relevant securities (i.e. securities mentioned herein

This commentary is provided at no charge and in good faith from sources believed to be reliable and accurate. Far East Capital Ltd directors and employees do not accept liability for the results of any action taken on the basis of information provided or for any errors or omissions contained therein. Readers should seek investment advice from their professional advisors before acting on information contained therein. Please see **Disclosure of Conflicts of Interest** at the end of this commentary.

or of the same issuer and options, warrant, or rights with respect to or interests in any such securities). We do not guarantee the accuracy or completeness of the information herein, or upon which opinions herein have been based. At any time we or any of our connected or affiliated companies (or our or their employees) may have a position, subject to change, and we or any such companies may make a market or act as principal in transactions, in any relevant securities or provide advisory or other services to an issuer of relevant securities or any company therewith. Unless otherwise stated all views expressed herein (including estimates or forecasts) are solely those of our research department and subject to change without notice. This document may not be reproduced or copies circulated without authority. Copyright © Far East Capital Ltd 2020.

This commentary is provided at no charge and in good faith from sources believed to be reliable and accurate. Far East Capital Ltd directors and employees do not accept liability for the results of any action taken on the basis of information provided or for any errors or omissions contained therein. Readers should seek investment advice from their professional advisors before acting on information contained therein. Please see **Disclosure of Conflicts of Interest** at the end of this commentary.