



# American Manganese

AMY

AZS

PM

JUNE 15TH YOUTUBE: A DEEP DIVE INTO Hydrometallurgical Battery Recycling

JUNE 17TH HOWSTREET.COM: CFO ANSWERS QUESTIONS

# Arizona Silver Exploration

**June 21st** - Arizona Silver Intercepts 78.7 Metres At 1.0 Gpt Gold, 9.2 Gpt Silver in Stockwork System Including 2.38 Metres At 6.7 Gpt Gold And 22.6 Gpt Silver, At Philadelphia Gold Project

FULL NEWS RELEASE

JUNE 21ST YOUTUBE: PROACTIVE INTERVIEW

# Pampa Metals

**June 23rd** - Pampa Metals Reports Strong Chargeability Response from its IP Geophysical Program at the Buenavista Target in Block 4, Confirming Priority Drill Targets

### FULL NEWS RELEASE

# **Bottom in?**

Last week the US Federal reserve bumped rates .75% and are intent on continuing rate hikes to curb inflation. Canada is also on the rate raise train but the Bank of Japan is not, it plans to support the economy's recovery from the Covid-19 pandemic.

I'm not an economist but I think that if the US and Canada continue to aggressively bump up rates, there will be pressures on over leveraged mortgage holders and over extended credit.

As per the chart above, the DJ30 came within about 70 points of hitting my 1st support line last week, the highs of 2020. Last week provided both a 1500 point bounce and a close above the downside gap. Positive enough? I think there will probably be a retest and maybe we see a test of 26,600.

Gold closed at \$1827 and is holding its own. Bitcoin temporarily dropping below \$20K, political issues, war in Ukraine, Monkey Pox, and other things make gold a good safe haven. We will see how 2022 plays out.

Have a great Week!



# INTERESTING INTERVIEWS & ARTICLES



# C hat With Traders A Lifetime Student of Markets - Chris Cady





nvesting In The 'New Normal' With Rick Rule and Frank Holmes



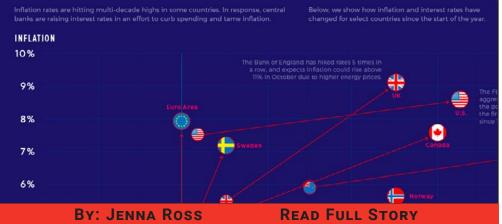
itco News: Bitcoin below \$10K is 'very possible'; Stocks won't make new highs for years - Gareth Soloway



### S prott Money News Ask The Expert June 2022: Brent Johnson

# INTEREST RATE HIKES VS. INFLATION RATE

# INTEREST RATE HIKES 🗵 INFLATION RATE BY COUNTRY 🛛 🛲 🖝 🗸



# 3 INSIGHTS FROM THE FED'S LATEST ECONOMIC SNAPSHOT

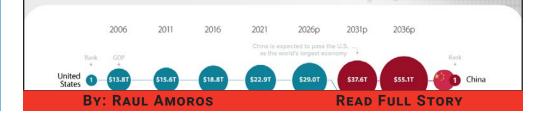


# VISUALIZING THE COMING SHIFT IN GLOBAL ECONOMIC POWER (2006-2036P)

# The Global Economic Shift

Economies Ranked by Projected GDP

The world economy continues to grow, and is expected to soar past \$100 trillion this year. By 2035, the world's GDP will double, and China is likely to become the largest economy by 2030.





With planned operation start-up in February 2022, American Manganese's 500 kg/ day cathode waste RecycLiCo<sup>™</sup> plant is poised to become the first hydrometallurgical demonstration facility in North America for lithium-ion battery recycling and upcycling.



### **23 PAGE PRESENTATION**

**AMY News Releases** 



# MANGANESE INC.

A Critical Metal Company Focusing on Recycling Lithium Ion Electric Vehicle Batterie

O ur featured company is a critical metal company focused on the recycling of lithium-ion batteries using their RecycLiCo<sup>™</sup> Patented Process. The process offers a closed-loop and environmentally friendly hydrometallurgical solution for the recycling of cathode materials from spent lithium-ion batteries and battery manufacturing scrap. The Company achieves high recovery and purity of materials such as lithium, cobalt, nickel, manganese, and aluminum from cathode chemistries such as NCA (lithium nickel cobalt aluminum oxide), NMC (lithium nickel manganese cobalt oxide), LCO (lithium cobalt oxide), and LMO (lithium manganese oxide). The RecycLiCo<sup>™</sup> patented process aims to produce materials as high-quality cathode precursor, that could be directly integrated into the remanufacturing of battery cathodes using minimal processing steps.

#### **Patented Technology & Publications**

- The Company holds patents in Canada, US, China and South Africa for production of electrolytic manganese metals from low-grade manganese deposits
- Publication in the peer-reviewed Journal of the Electrochemical Society – Experimental Study on Recycling of Spent Lithium-Ion Battery Cathode Materials

#### **Strong Market Fundamentals**

- Closed-loop and sustainable lithium-ion battery recycling process
- Low operating cost (estimated reagent consumption cost of \$1/kg of cathode material processed)
- Low energy consumption & no high heat
- No landfill waste or toxic fumes
- High extraction and purity potential of lithium, nickel, cobalt, manganese, and aluminum

Recycling Lithium-ion Batteries Making Lithium-ion Last *Forever*.<sup>TM</sup>

#### **Global Opportunity**

- Bloomberg New Energy Finance projects that electric vehicles will surpass internal combustion engine vehicle sales before 2040
- Benchmark Minerals Intelligence is tracking 181 Battery Manufacturing Megafactories with over 3,000 GWh of capacity expected in the coming decade
- Proposed phase out of internal combustion vehicles in multiple countries and cities
- New USMCA trade agreement are creating a requirement for advanced batteries to originate from North American for use in future U.S. electric vehicles

### **Battery Minerals are Critical Minerals**

- U.S. Government published a Critical Minerals List, with 35 minerals and metals considered critical to the "national economy and national security" and cobalt, lithium, and manganese are included in the list
- Executive Order signed by the President of the United States, declaring a National Emergency to expand domestic mining industry for critical minerals

AMY · 1D · TSXV · TradingView C D CAD 2.50 2.00 2.00 1.50 1.00 1.00 1.00 1.00 1.00

Symbol: AMY Exchange: TSX Venture Shares Issued: 247.8M

52 Week High: \$1.48 52 Week Low: .47 TSX-V Close: .55

US Listing: AMYZF

MTNews Start Date: 01-10-2022

AMY Chart by TradingView



# Snapshot

**Copper:** One of the greatest growth profiles and demand / supply metrics

**Gold:** One of most attractive high-value metals

**Chile:** Elephant country for major economic copper deposits

**People:** Highly experienced with execution ability & track record

**Projects:** Portfolio breadth & depth – along proven mineral belts of Chile

**Current focus:** 4 projects – with 2 additional projects subject to 3rd-party expenditure via JV

**Progress:** Rapid progress including 2 drilled projects – further drilling planned for 2022

**JV Funding:** 2 projects subject to 3rd party expenditures – drilling started in January 2022

> INVESTOR SUMMARY FACT SHEET NEWS RELEASES



METALS

O ur featured company owns a highly prospective 62,000-hectare portfolio of eight projects for copper and gold located along proven mineral belts in Chile, one of the world's top mining jurisdictions. The Company has a vision to create value for shareholders and all other

stakeholders by making a major copper discovery along the prime mineral belts of Chile, using the best geological and technological methods.

# **The Projects - Current Priorities**

### Cerro Buenos Aires (7,600 Ha):

• Located south of Spence / Sierra Gorda district

• Recent drilling through post-mineral cover has vectored towards porphyry target

### Redondo-Veronica (6,600 Ha):

Located north of giant La Escondida district
Recent drilling gives line of sight to 2 deep porphyry targets

### Block 4 (6,800 Ha):

• Located south of giant La Escondida district

• Quartz-vein stockwork – coincident with magnetic high – partial post-mineral cover

# Block 3 (10,100 Ha):

• Located south of giant La Escondida district

• Post-mineral cover - adjacent to 2 historically drilled porphyry targets – magnetic anomalies

# Arrieros (13,700 Ha):

Large, post-mineral covered property situated between Chuquicamata and Centinela districts
Magnetic and IP anomalies

# Block 2 (3,300 Ha):

 Structural target – pending exploration advances



# Projects subject to 3rd Party Expenditures (Austral Gold Ltd)

### Morros Blancos (7,300 Ha):

- HS systems maar-diatremes vuggy silica
- Drilling started (January 2022)

# Cerro Blanco (6,500 Ha):

• Small lithocap outcrop coincident with magnetic high. Extensive post-mineral cover

Symbol: PM Exchange: CSE Shares Outstanding: 49.2M

52 Week High: .60 52 Week Low: .20 CSE Close: .24

# **US Listing: PMMCF**

MTNews Start Date: 4-11-2022

PM Chart by TradingView



The Philadelphia Project 3000 meter Drill Program Underway

 100% owned/controlled
 historic high grade gold producer

 In 2021 Company acquires control over +3 kms strike length

• Drilling provides multiple intercepts of high grade vein

- 33.56 gpt Au, 54.7 gpt Ag over 2.35 metres
- 9.26 gpt Au, 79.8 gpt Ag, 344 gpt Be over 10.76 m.

• 23.47 gpt Au, 97.2 gpt Ag over 2.3 metres

• Drilling discovers wide low grade mineralization in multiple holes

1.34 gpt Au, 5.78 gpt Ag over 115 metres
1.57 gpt Au, 7.64 gpt Ag

over 103.7 metres

Presentation Fact Sheet

News Releases



O ur featured company is a young exploration company focused on exploring gold-silver properties in western Arizona and Nevada. The flagship asset is the Philadelphia property. In addition to the Philadelphia project, the Company recently received a positive Record of Decision on its Notice of Intent to drill an initial twelve exploration holes for Carlin-type targets on its recently acquired Silverton gold-silver property. Drilling there will be scheduled as time and equipment allow.

### The Silverton Gold-Silver Project

- Carlin/stockwork gold system
- 100% owned/controlled 1540 acres
- Past drill results contain 1 to 16 g/t gold

### **The Ramsey Silver Project**

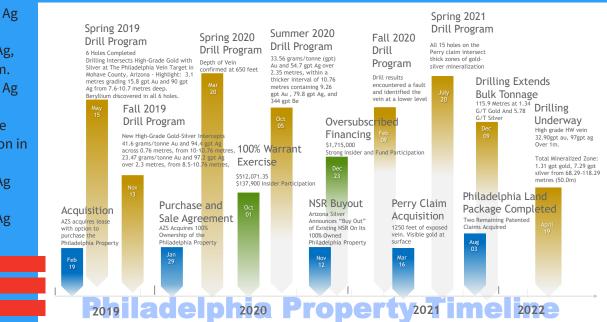
- 100 % owned
- 18 for 18 on drill results on "Ramsey Mine target"
- High-grade historic silver producer 40oz/ton
- Silver mineralization is open-pittable at depths intersected to date
- All holes have hit thick zone of "disseminated silver"

# Sycamore Canyon Gold-Silver Project

- 100 % owned
- 31 grams Gold and 553 grams Silver at surface
- 800 Meters long and 110 meters wide to date
- Maiden drill program planning in process

### **Company Highlights**

- Tight share structure
- Company founded November 2016
- Insider participation on every raise
- Insiders hold 80% of outstanding warrants





Symbol: AZS Exchange: TSX Venture Shares Issued: 64.4M

52 Week High: .60 52 Week Low: .165 TSX-V Close: .27

**US Listing: AZASF** 

MTNews Start Date: 04-25-2022

AZS Chart by TradingView

# RESEARCH RESEARCH AND REPORTS

# A FEW OF THE TOP DRILL INTERCEPTS WEEK TO: 06/24/2022 @MINERDECK

# **TOP GOLD INTERCEPTS**

BY EXPLORERS	ON OUR 🛃	WATCHLIS	T: WEEK TO	06/24
Company	Drill Hole ID	Gold (g/t)	Interval (m)	Grade x Width (g-m)
Freegold Ventures	GS2203	2.52	190.2 fr 288	479
Kalo Gold	KCD17	36.02	8.75 fr 61	315
Osisko Development	IM21201	24.55	9.65 fr 391	237
GoldMining	LME1108	0.57	345.54 fr 255	197
Mako Mining	SA22615	42.91	4.5 fr 36	193
Mandalay Resources	MU22002	155	0.8 fr 477	124
Cerrado Gold	FSA215	1.48	82.6 fr 87	122
Emerita Resources	LR002	7.61	14.3 fr 134	109
Vizsla Silver	CS22169	4.23	25.4 fr 163	107
Endurance Gold	RC22064	4.89	16.77 fr 78	82

MINER DECK

MINER DECK DRILLDOWN

plene or else distance balow surface. (4) Only the best intercept per company is shown. (6) We try our best to be accurate the there are mistakes in the above graphic. (6) This is not investment advice. (7) We are not paid a fee by the above comp panes. (9) Miner Deck relains all rights to this graphic. Do not reproduce it without written permission.

# TOP SILVER INTERCEPTS

BY COMPANIES ON OUR 🎴 WATCHLIST: WEEK TO 06/24

Company	<u>Hole ID</u>	<u>Silver (g/t)</u>	Interval (m)	<u>Grade x Width (g-m)</u>	
Vizsla Silver	CS22169	780	25.4 fr 163	19.812	
Americas Gold & Silver	37329	21,500	0.6 fr 3	12,900	
Collective Mining	APC1	61	87.8 fr 292	5,356	
Emerita Resources	LR002	311.1	14.3 fr 134	4,449	
Arizona Silver Expl.	PC2291	9.2	78.7 fr 174	724	

Disclaimer (1) This is a curated list of drilling highlights based on our personal watchlist — which itself is subject to rotation (2) "Interval" = core-length, not true width. (3) "fr" = start of the interval when given or else distance below surface. (4) Only the best intercept per company is shown. (5) We try our best to be accurate but mistakes do happen from time to time. Assume there are mistakes in the above graphic. (6) This is not investment advice. (7) We are not paid a fee by the above companies. (8) We do not own shares in the above companies. (9) Miner Deck retain all rights to this graphic. Do not reproduce it without writhen permission.





June 27th, 2022

MINER DECK





C olonial Coal (CAD TSX-V) closed \$1.71 +.08 on Friday (last trade on CX2 market). Colonial Coal continues to get support in the \$1.60 area and even better it is getting some buying from Warren Irwin (Rosseau Asset Management). Warren has to report his transactions because he owns more than 10%. Rosseau's current share count: 26,288,715

Warren's May and June 2022 purchases: 250,000 shares at prices between \$1.64 (low) and \$1.75 (high)

Another interesting thing is the official short position on the stock has been reduced from 223,609 down to 21,901.

AMVEST CAPITAL MAY 11TH COLONIAL COAL WEBINAR

PETER EPSTEIN MAY 24TH: IS COLONIAL COAL THE CHEAPEST COKING COAL PLAY?



CAD Chart by TradingView

D urango Resources (DGO TSX-V) closed at .065 again on Friday. The company's chart shows multiple closes at .075 over the last 6 weeks. Clearly a point of resistance and the volume will have to pick up to eat through the constant offers there.

Last week the company announced they have started a 1500m drilling campaign on their Discovery Property.

I'm just a shareholder, but I would have started with the Lithium potential of their NMX East property. I'm also wondering where the results are from their April surface sampling? I guess we wait for those results and the eventual drilling of the property......

April 12th: "Durango completed a limited reconnaissance program on the NMX East property in late March in preparation for drill testing the lithium bearing pegmatite occurrences below the surface which is planned to take place in the summer of 2022. The small crew was commissioned with determining access and obtaining surface samples as the weather permitted. Despite the deep snow cover, the crew was able to complete an exploratory backpack drill hole of approximately one meter of the surface pegmatite which has been sent for analysis to Loring Laboratories in Calgary, Alberta."



THE GLOSSARY AND FINEPRINT

# Market Trend News Inc.

#6, 3908 - 97 Street Edmonton, AB T6E 6N2

Web: MarketTrendNews.com Advertising: Kelvin@MarketTrendNews.com The Editor: Editor@MarketTrendNews.com

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#### Tradingview

Tradingview is an excellent online charting platform as well as a social network for traders and investors to exchange ideas.

# Glossary

### **Diamond Hands**

Slang term for an investor who is ready to hold a position for the end goal, despite the potential risk, headwinds and losses.

### Doji Candle

Doji Candles look like a cross because the financial instrument's open and close for the time period are close to equal.

#### Fibonacci Retracement (Fib)

These are levels in the chart where support and resistance are likely to occur. The levels are 23.6%, 38.2%, 61.8%, and 78.6%. 50% is often added but is not an official level. The levels are calculated from two points chosen by the user, usually an extreme low and an extreme high.

### **FLEM & DHEM**

Fixed Loop Electromagnetic and Down Hole Electromagnetic Surveys

#### FOMC

The Federal Open Market Committee consists of 12 members and is the U.S. Fed's monetary policy making body. It is responsible for formulation of a policy designed to promote stable prices and economic growth. FOMO

Fear Of Missing Out

#### **Naked Shorting**

It is the illegal practice of shorting stock that is not borrowed.

#### **Nonfarm Payrolls**

Is an official statistic released by the U.S. department of labor, usually on the first Friday of the month. It is a measure of the number of workers in the U.S. excluding farm workers and those employed in private households or non-profit organisations.

#### Shorting

Borrowing stock, selling it in the market to hopefully buy it back at a lower price, making profit from the difference in price, and then returning the borrowed stock.

#### Short Squeeze

When a company's stock starts to quickly rise because people shorting the stock are trying to cover their losing positions to prevent further loss.

### YOLO

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