

**ARYA**  
**RESOURCES**

TSX-V: RBZ

CORPORATE PRESENTATION

MARCH 2023



**GREEN ENERGY FOR THE FUTURE**



# Disclaimer

No stock exchange, securities commission, or other regulatory authority has approved or disapproved the information contained in this presentation. This presentation includes certain “forward-looking statements.” All statements other than statements of historical fact included in this presentation, including, without limitation, statements regarding potential mineralization and reserves, exploration results, and future plans and objectives of the Company, are forward-looking statements that involve various risks and uncertainties. There can be no assurance that such statements will prove to be accurate, and actual results and future events could differ materially from those anticipated in such statements. Important factors that could cause actual results to differ materially Company's expectations include, among others, risks related to operations, the actual results of current exploration activities, conclusions of economic evaluations, and changes in project parameters as plans continue to be refined as well as future prices of the metals. There can be no assurance that such statements will prove to be accurate as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements.

# Dunlop

## Class 1 Nickel-Sulphide Deposit

Nickel, Copper, Cobalt & Platinum-Group Elements (PGE)

SASKATCHEWAN, CANADA

Carbon Capture and Sequestration (CCS) Potential



# Russian Nickel Supply Disruptions

LONDON, Feb 22, 2022 (Reuters): Stocks in LME-registered warehouses have fallen to 82,314 tonnes from more than 260,000 tonnes in April last year, and the premium for cash nickel over three-month metal surged to its highest since 2009.

Russia produces around 6% of the world's aluminium and 7% of its mined nickel; LME nickel was up 0.9% at \$24,555 a tonne after touching \$24,925, the highest since 2011. Used in stainless steel and batteries for electric vehicles, nickel is up around 18% this year having risen 25% in 2021. Even with Russian exports flowing, both metals are undersupplied, said ING analyst Wenyu Yao.

"Before this Russia-Ukraine crisis escalated, they were already seeing very strong fundamentals," she said.

## NICKEL SITUATION (Source: S&P Global Platts, Feb 24, 2022)

Russian nickel is SHFE's (Shanghai Futures Exchange) key delivery product, and the full-blown crisis in the region could further tighten SHFE's nickel warehouse receipt volume, industry sources said. In the week to Feb. 18, SHFE's refined nickel stocks were at 16,000 mt, down 1,300 mt from the previous week, falling to a historic low level, the SHFE data showed.

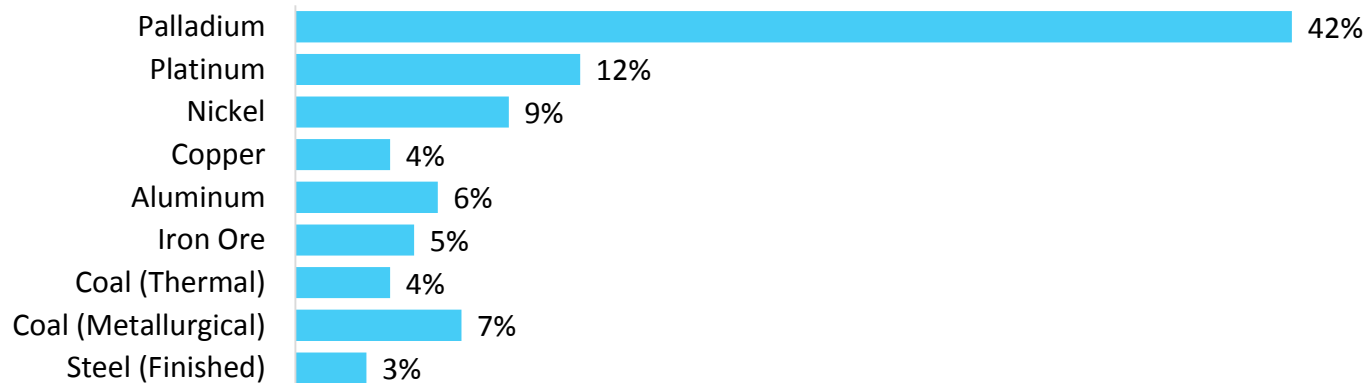
China's 2022 nickel demand is expected to rise to 1.655 million mt, up 7.3% on the year, while global nickel demand in 2022 will rise 9.4% on the year to 3.05 million mt, latest data by state-run metal consultancy Antaika showed. As China goes through an explosive growth in its new energy vehicle space, the country's demand for nickel has also risen. Share of nickel in NEV power battery grew to 15% in 2021 from 10% in the previous year, according to Antaika data.

Suzhou-based Soochow Futures said as Russian nickel has managed to create a vital place in China's nickel market. If nickel exports from Russia get impacted in the future, this could tighten nickel supply in China, further squeezing SHFE's nickel warehouse receipt volume, it said. According to Guangzhou-based Huatai Futures, the Russia-Ukraine crisis could weigh on global nickel supply.

Russia's primary nickel output of 146,000 mt in 2021 accounted for 5% of the world's total, and if the conflict worsens, this could weigh on the global nickel supply, Huatai said. China imported 46,000 mt of nickel ingot from Russia in 2021, accounting for 18% of national nickel imports, its customs data showed.

## Russia production, of global production

Russia has meaningful shares in global production



Source: CRU, Bloomberg, BofA Global Research

# Saskatchewan's Resource Industry Leader in the Canadian and Global Mining Sector

## WORKFORCE

Well-trained, reliable, productive

## SIGNIFICANT MINERAL PRODUCTION

### POTASH

~30% world's largest producer

### URANIUM

25% of world production

### OIL

2<sup>nd</sup> largest in Canada

### NATURAL GAS

3<sup>rd</sup> largest in Canada

### COAL

3<sup>rd</sup> largest in Canada

### DIAMOND-BEARING KIMBERLITE FIELD

Largest in world



The provincial mining industry is recognized as one of the most technologically advanced in the world

The Fraser Institute ranks Saskatchewan 13/96 in terms of overall policy attractiveness; 5/96 mineral potential; 2/96 political stability

# Resources (Open Pit & Underground)

## Historical non 43-101 compliant Resources++

Zones (Probable & Possible) Open Pit	Tonnes	Ni (%)	Cu (%)	CuEq (%)*	Width (m)
A&B	2,084,250	0.55	0.39	1.46	14.9
C	323,500	1.46	0.31	3.14	8.4
D	91,100	0.98	0.3	2.2	8.7
E	783,200	0.56	0.34	1.43	8.8
Sub-Total <b>Underground</b>	3,282,050	0.65	0.37		
<b>LOW GRADE ZONE Open Pit</b>					
Possible East	5,476,000	0.34	0.18	0.84	Unknown
Probable & Possible West	7,350,000	0.21	0.15	0.56	Unknown
<b>Total (All Zones)</b>	<b>16,108,050</b>	<b>0.344</b>	<b>0.182</b>	<b>0.85</b>	

\*A 460 m by 120 m (on surface) area of higher grade mineralization contains zones of 0.75-1.00% Ni and 0.5% Cu flanked by lower grade mineralization at 0.3% Ni and 0.2% Cu. Assays of up to 0.35% Cr and 0.15% Co

\*\* Approximately 16,700 metres (57,04 ft.) previous / historical drilling

\*\*\* Non-43-101 Historical Resources / Reserves

++Historical (non 43-101 compliant) Resources: Company has not verified the information available. A qualified person from the Company has not done sufficient work to classify the historical estimate as current mineral resources or mineral reserves; and the Company is not treating the historical estimate as current mineral resources or mineral reserves. The Company believes that the historic estimate is relevant to an appraisal of the merits of the property and forms a reliable basis upon which to develop future exploration programs. The Company will need to conduct further exploration which will include drill testing the project, and there is no guarantee that the results obtained will reflect the historical estimate.

# Mineral Tenure & Location

Current mineral claim

**2,826 acres (1,143 Ha)**

Planned expansion of mineral claims to

**4,059 acres (1,643 Ha)**



Year around highway access



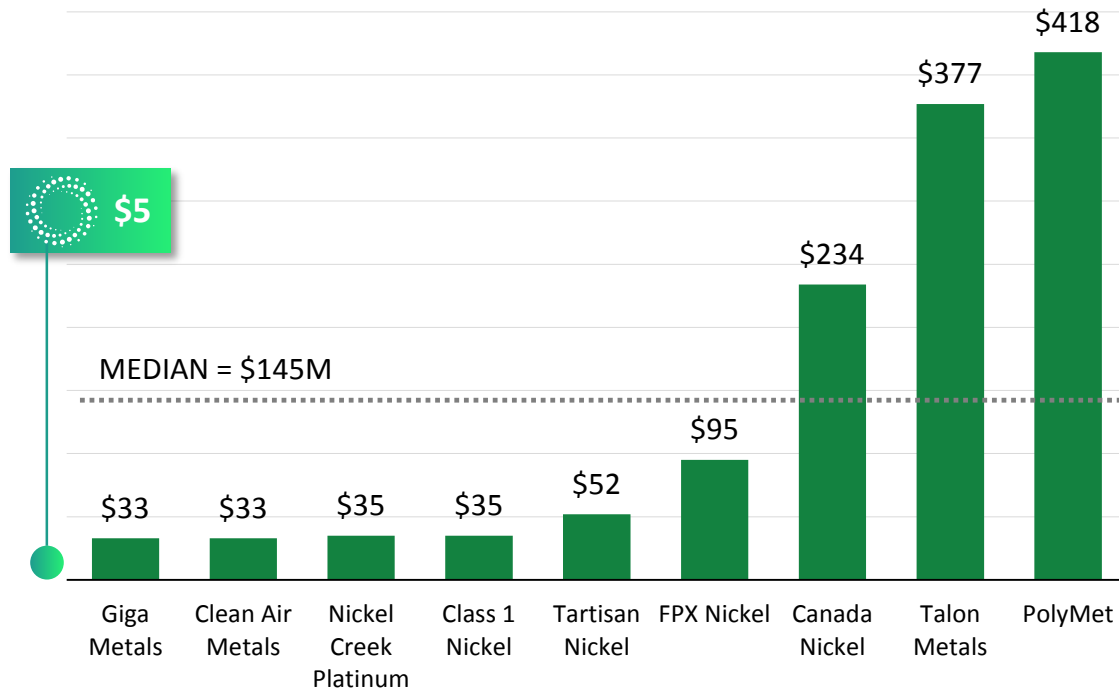
Additional greenfield Ni-Cu projects acquisition plan(s)



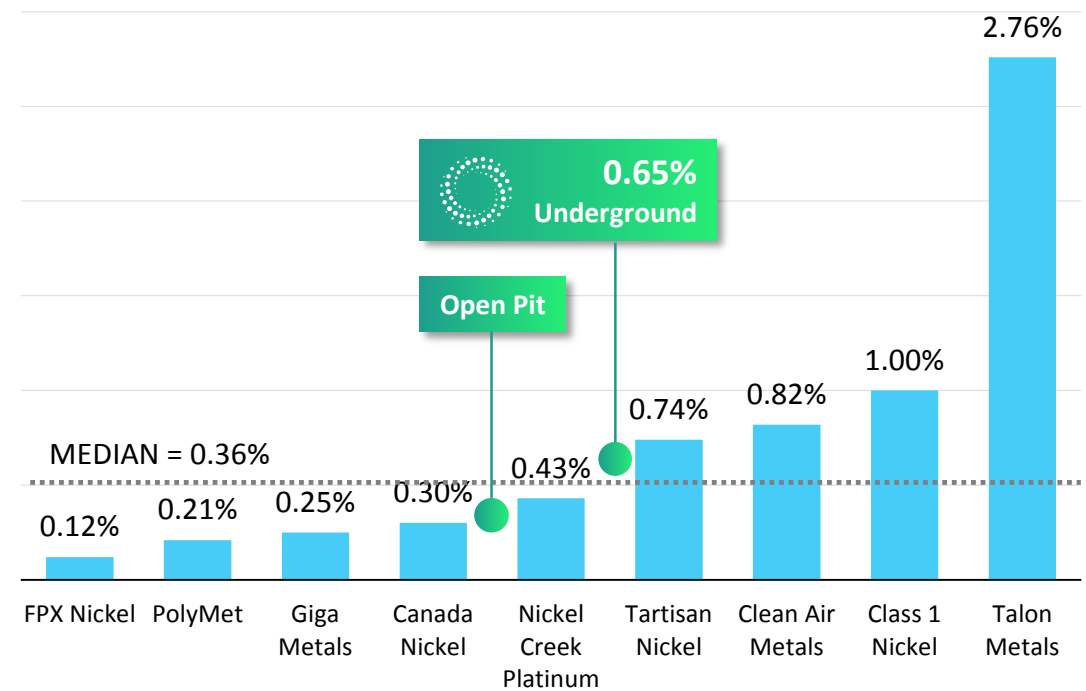
# Value Proposition

Undervalued relative to peers

Market Capitalization (C\$Million)\*



Ni Eq Grade (%)



\*Market caps as of Sept. 15, 2021



# Projected Supply Deficit of “Battery-Grade” Nickel



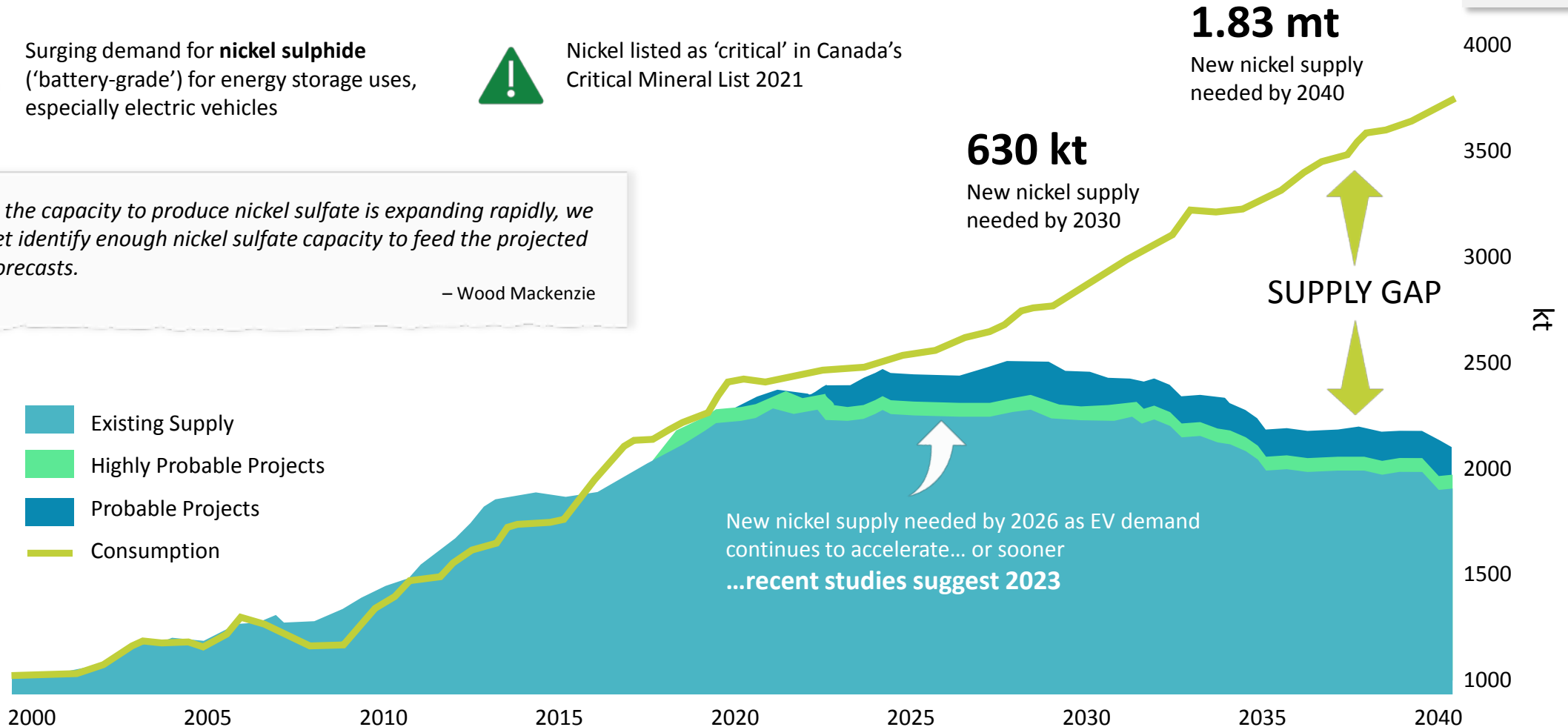
Surging demand for **nickel sulphide** ('battery-grade') for energy storage uses, especially electric vehicles



Nickel listed as 'critical' in Canada's Critical Mineral List 2021

*Although the capacity to produce nickel sulfate is expanding rapidly, we cannot yet identify enough nickel sulfate capacity to feed the projected battery forecasts.*

– Wood Mackenzie

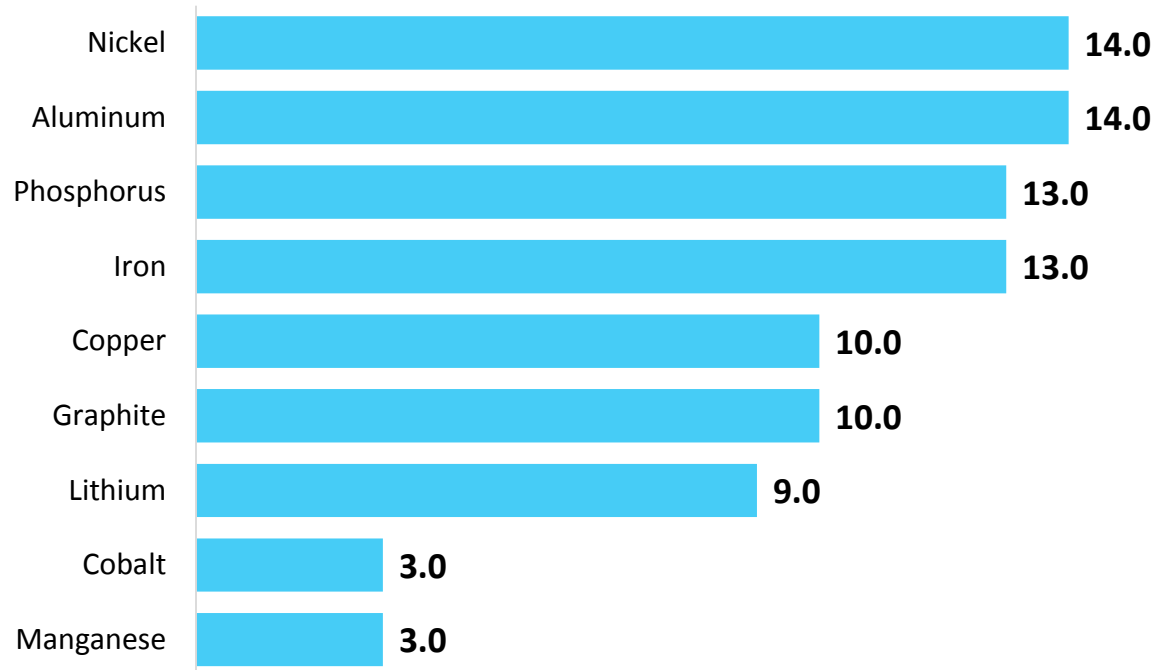


Source: Wood Mackenzie

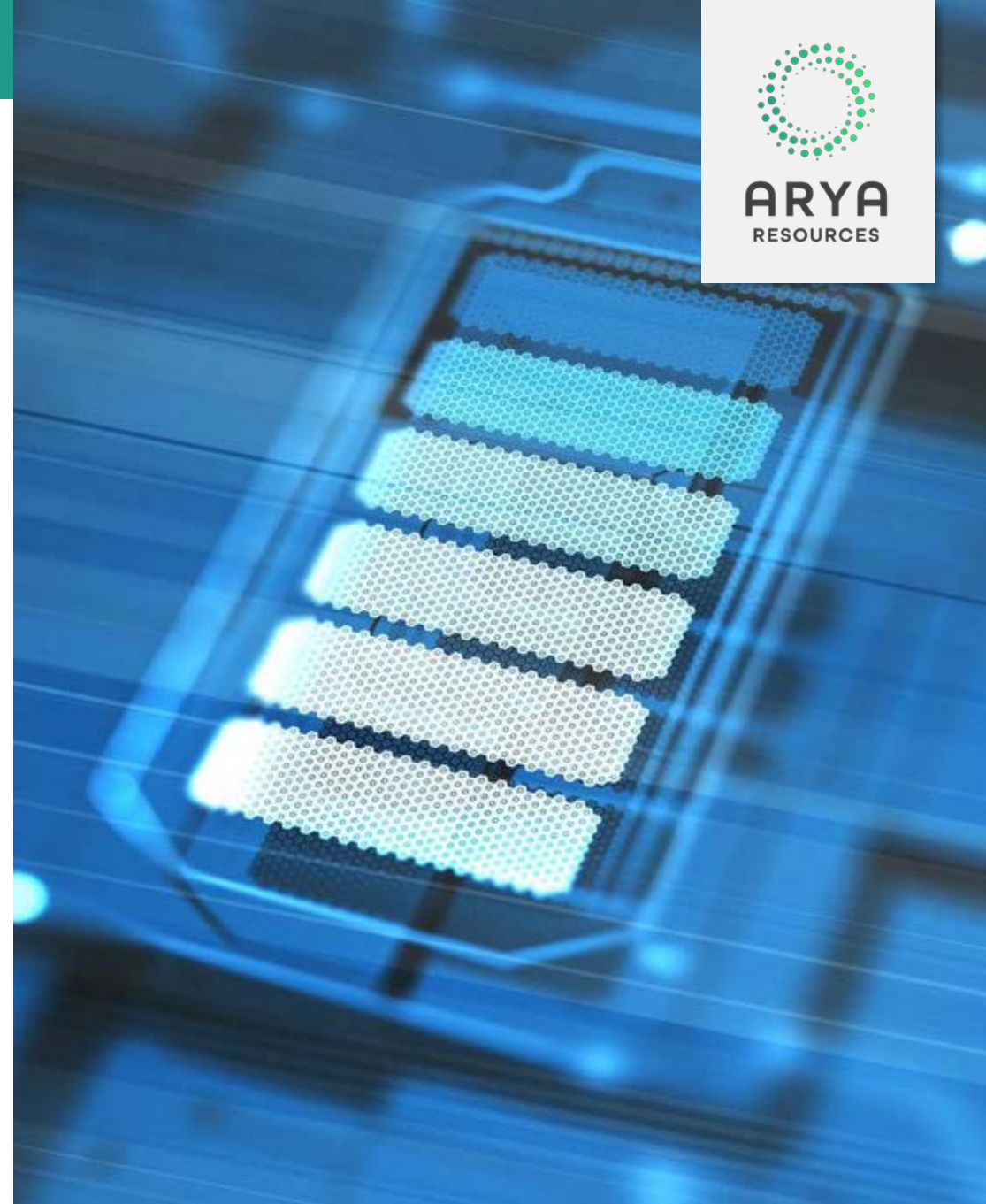
# Battery Boost

Demand from electric vehicle batteries will spur a group of metals

2019 v 2030 demand growth

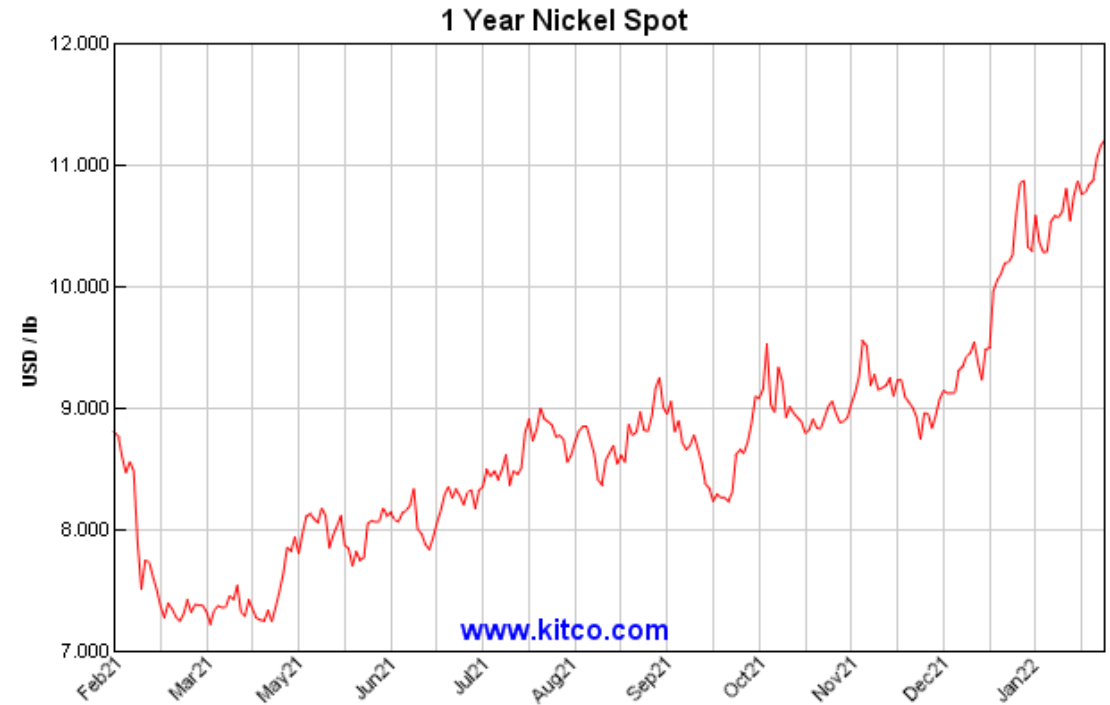
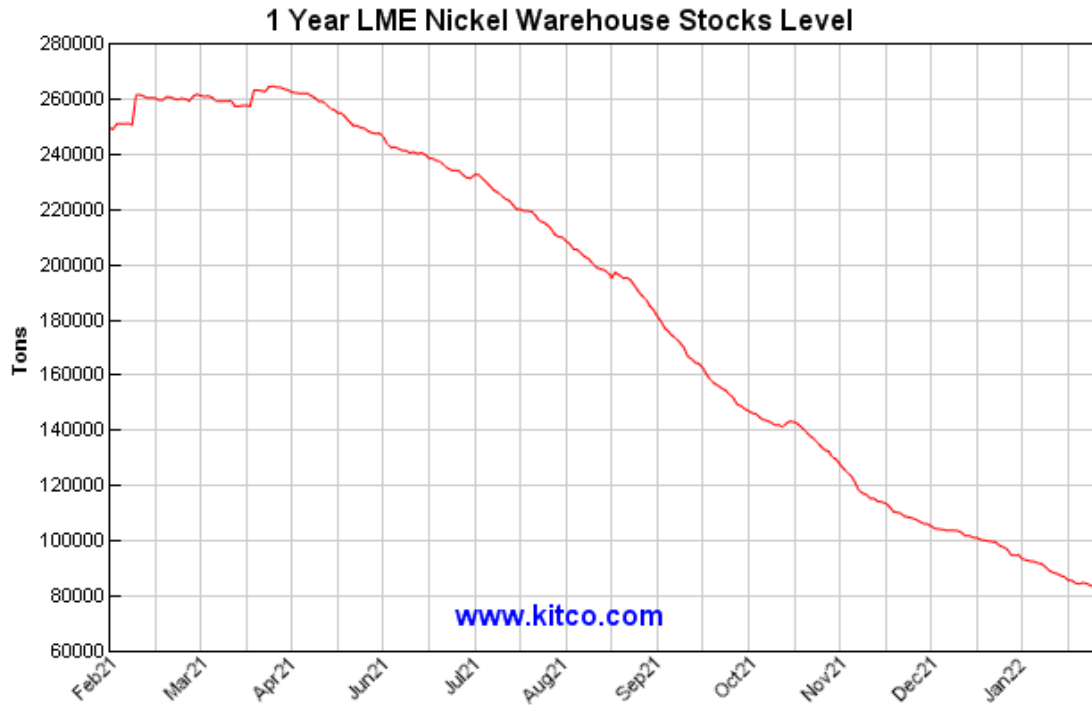


Source: Bloomberg NEF



# Nickel Stats

(Three-month nickel on the London Metal Exchange briefly jumped to a record high on March 8, 2022 above \$100,000 per tonne from \$20,000 per tonne in January, 2022)



## The Green Choice for Nickel Potential

- ✓ Lowest carbon intensity in global nickel industry
- ✓ Non acid-generating host rock
- ✓ No toxic heavy-metal leaching
- ✓ Potential to lower carbon footprint based on CO<sub>2</sub> sequestration in tailings: Net Carbon Negative or Carbon Neutral



# Key Lake Southwest (KLSW), Haultain and Li/REE Projects

Uranium

SASKATCHEWAN, CANADA



# The Uranium Market

Nuclear needs to double by 2050 to achieve the Paris Accord 1.5°C goal

Nuclear energy now provides about 10% of the world’s electricity from 443 power reactors.

Nuclear is the world’s second largest source of low-carbon power (29% of the total in 2018).

Over 50 countries utilize nuclear energy in about 220 research reactors. In addition to research, these reactors are used for the production of medical and industrial isotopes, as well as for training.

Reactors are also critical for marine propulsion where it has played an important role in the world's major navies for five decades in submarines and large surface vessels. Over 160 ships, mostly submarines, are propelled by some 200 nuclear reactors and over 13,000 reactor years of experience have been gained with marine reactors.

Russia also operates a fleet of large nuclear-powered icebreakers and has more under construction. It has also connected a floating nuclear power plant with two 32 MWe reactors to the grid in the remote arctic region of Pevek.



# The Uranium Market

In addition to the reactors currently operating, there are over 50 (the exact number varies slightly according to sources<sup>3,4</sup>) and more than 425 either planned or proposed, including a \$1 billion project in Wyoming funded by Bill Gates and Warren Buffett<sup>5</sup>.

In terms of the measurable effects on the energy supply, again estimates vary but on average indicate a roughly 50% uplift in capacity by 2040.

The International Energy Agency<sup>6</sup> forecasts global nuclear capacity climbing to 582 GW by 2040, up from the 415 GW recorded in 2020, according to a report released in November 2021 while The Nuclear Fuel Report: Global Scenarios for Demand and Supply Availability 2021-2040 states “Nuclear generation capacity is expected to grow by 2.6% annually, reaching 615 GWe by 2040. As of mid-2021, global nuclear capacity was around 394 GWe (from 442 units), and about 60 GWe (57 units) was under construction. In the Reference Scenario, nuclear capacity is expected to grow by 2.6% annually, reaching 439 GWe by 2030 and 615 GWe by 2040.”

Another forecast from the International Atomic Energy Agency<sup>7</sup> is even more bullish about future demand with a more than 100% increase in demand by 2050 (see below).

<sup>2</sup> Source: <https://world-nuclear.org/information-library/current-and-future-generation/nuclear-power-in-the-world-today.aspx>  
<sup>3</sup> Source: <https://pris.iaea.org/PRIS/WorldStatistics/UnderConstructionReactorsByCountry.aspx>  
<sup>4</sup> Source: <https://www.statista.com/statistics/268154/number-of-planned-nuclear-reactors-in-various-countries/>  
<sup>5</sup> Source: <https://ca.finance.yahoo.com/news/bill-gates-warren-buffett-building-100008796.html>  
<sup>6</sup> Source: <https://www.iea.org/reports/nuclear-power>  
<sup>7</sup> Source: [https://www-pub.iaea.org/MTCD/Publications/PDF/Pub1104\\_scr.pdf](https://www-pub.iaea.org/MTCD/Publications/PDF/Pub1104_scr.pdf)



**USA<sup>2</sup>**  
**93 Reactors**  
 19.7% of the country's power



**CANADA<sup>2</sup>**  
**19 Reactors**  
 14.6% of the country's power



**FRANCE<sup>2</sup>**  
**56 Reactors**  
 70.6% of the country's power



**CHINA<sup>2</sup>**  
**54 Reactors**  
 4.9% of the country's power

At the start of 2021, 16 of the 54 reactors under construction globally were in China.



**INDIA<sup>2</sup>**  
**23 Reactors**  
 3.3% of the country's power

At the start of 2020, 7 reactors were under construction in India.

# Nuclear Power Demand Continues to Increase

Uranium named as the No.1 investment

Nuclear power capacity and uranium demand is greater now than ever, mainly due to nuclear's "green" energy source. Demand is surging in a global decarbonization drive to fight climate change and achieve "Net Zero". A 'nuclear renaissance' is now underway.

Morgan Stanley's Commodity Research has named Uranium as the No. 1 investment for the next 12 months<sup>1</sup>

1 Source: mining.com August 15, 2022

The uranium industry is set for a record term of contracting in 2022. Ian Purdy, CEO of Paladin energy states, "there is now an annual deficit of 60 million pounds per annum out for the next decade."

Cameco says inflationary breakeven of \$90 per pound is needed to increase production.



# The Uranium Market

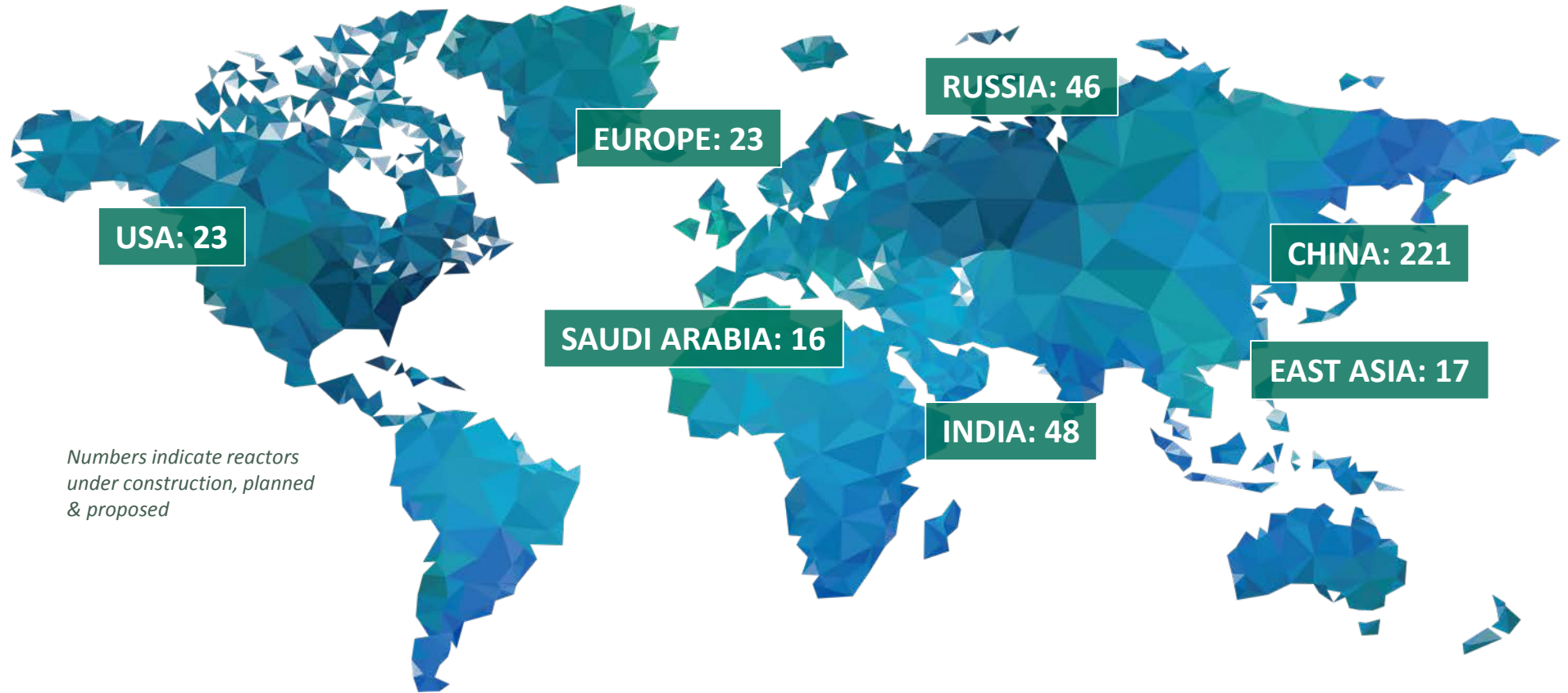
Reactor Builds at 25 year high

**437** Current Reactors in Operation      **+59** Under Construction      **+89** Planned      **+340** Proposed

More reactors operating now than in any other time in history

Most Japanese reactors coming back online due to strong regulator support

Middle East (home of Big Oil) aggressively securing nuclear energy supply



*Numbers indicate reactors under construction, planned & proposed*



# World Energy Crisis

**Facing Energy Crisis, Germans, Warily, Give Nuclear a Second Look**

**Analysis: France braces for uncertain winter as nuclear power shortage looms**

**Global Energy Crisis Spurs a Revival of Nuclear Power in Asia**

**Japan turns back to nuclear power in significant policy shift as fuel prices soar**

**Europe's Energy Crisis Won't be Over Any Time Soon, Experts Says**

# The Athabasca Basin, Saskatchewan

## Project Location

The Athabasca Basin region is home to 10 of the 15 highest grade uranium deposits in the world, with about 20 times the international average purity<sup>1</sup>.

Discovered in the 1940s, the area has been in active production for over 60 years

15.5% of the world’s uranium comes from the area.<sup>1</sup>

Saskatchewan was ranked #2 jurisdiction in the world for mining investment in 2018 by the Fraser Institute.

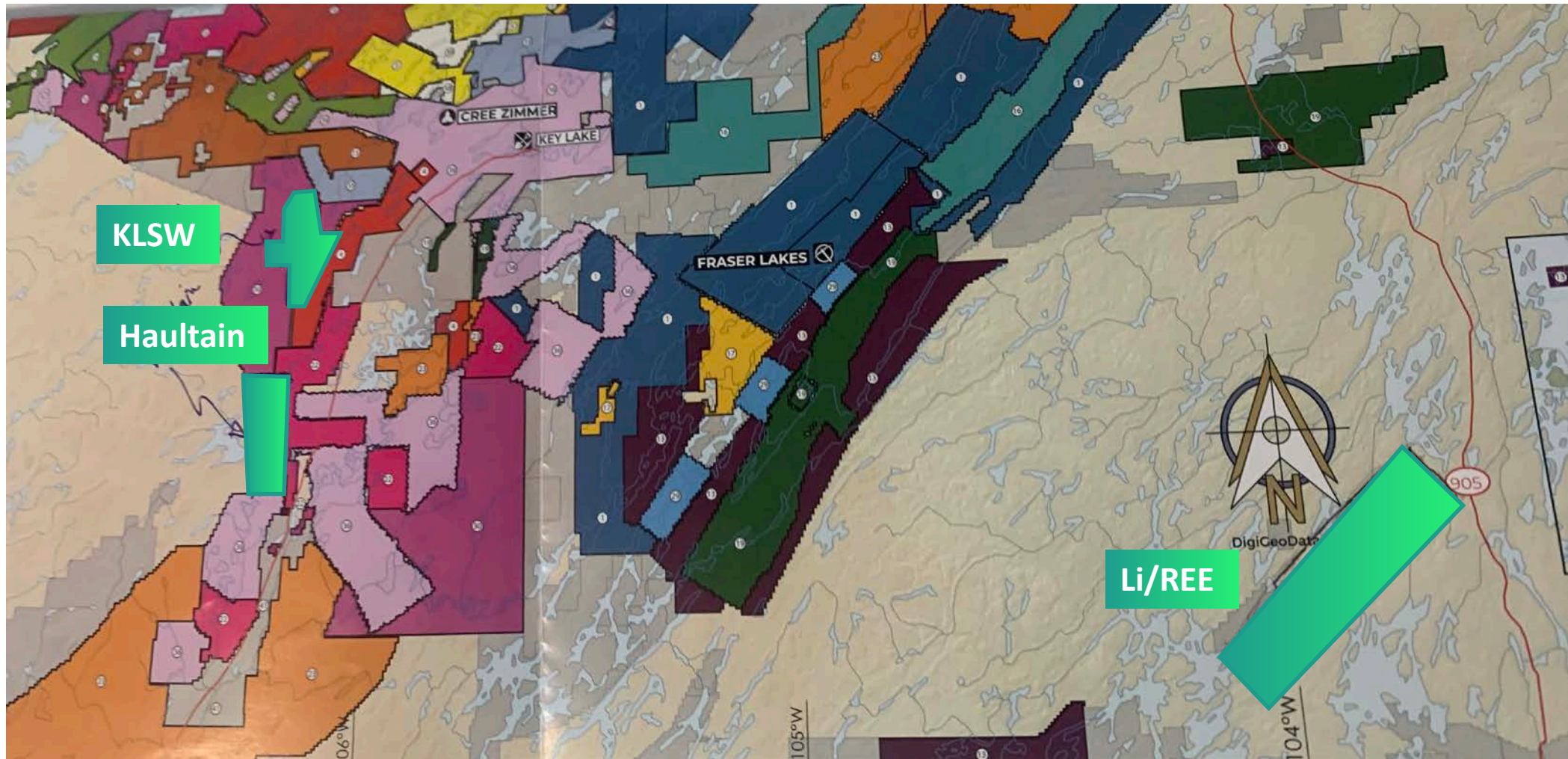


**PROJECT LOCATION**  
 TOTAL  
**33,762 acres**  
 (13,663 Ha)

1. Source: [www.visualcapitalist.com/athabasca-basin-the-worlds-highest-grade-uranium-district/](http://www.visualcapitalist.com/athabasca-basin-the-worlds-highest-grade-uranium-district/)

# Location

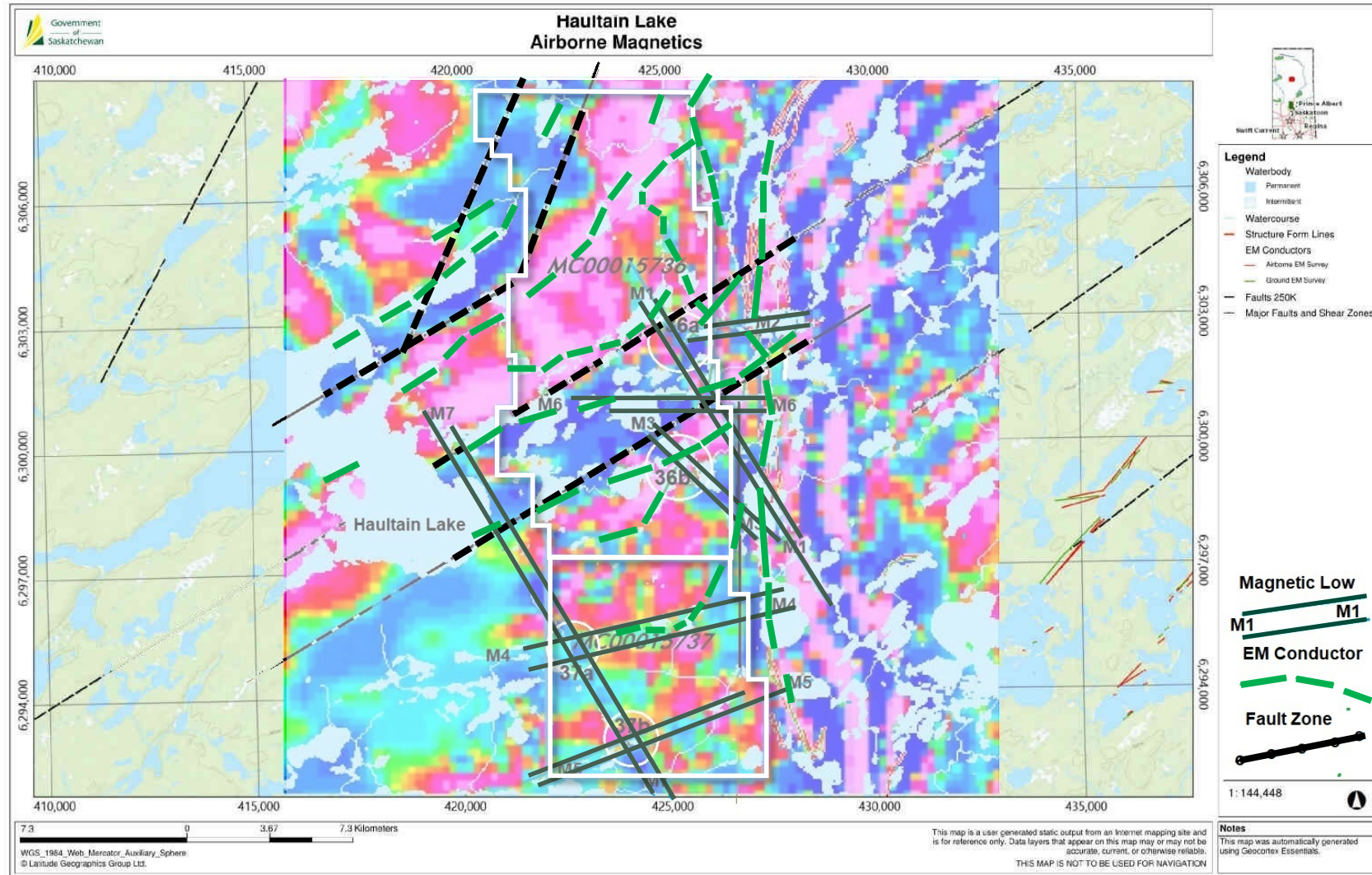
Athabasca Basin, Saskatchewan



# Haultain Project

## Airborne Magnetics

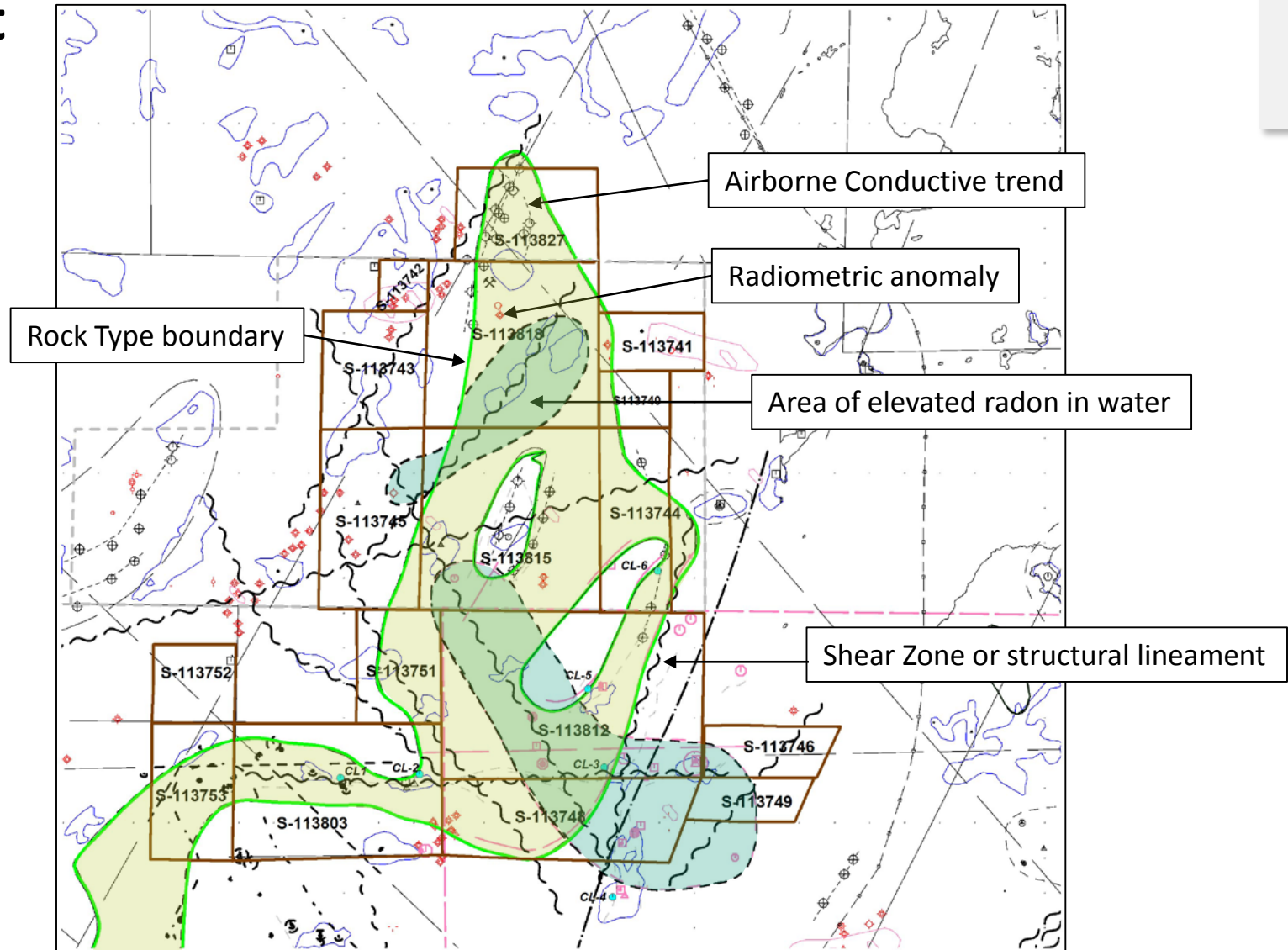
Current mineral claim  
**20,625 acres**  
 (8,347 Hectares)



# Key Lake Southwest (KLSW)

Historic Work Compilation map

Current mineral claim  
**13,133 acres**  
(5,315 Hectares)



# Wedge Lake

Gold

SASKATCHEWAN, CANADA



# Wedge Lake, Saskatchewan, Canada

## Location

Current mineral claim

**2,974 acres (1,203 Ha)**



Year around highway access



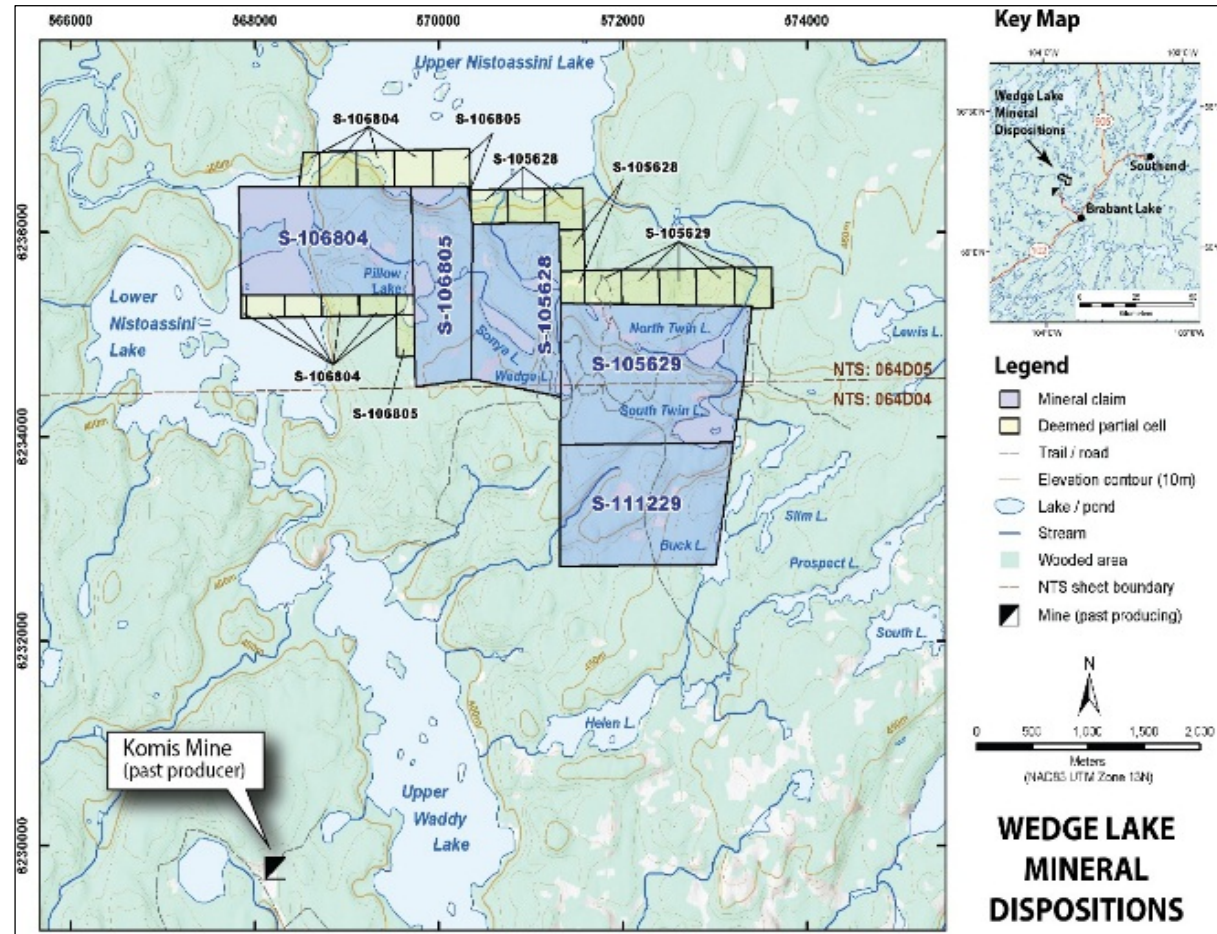
Option to Earn 100%:

105,000 Cash / 5 Years

\$1,000,000 Exploration Expenditures / 5 Yrs.

1MM Common Shares / 5 Yrs.

2.5% NSR (1% at \$1MM)





# Gold Deposit Expansion Potential

3,900 m Strike Length

Twin zone Gold Deposit (450 m strike length):

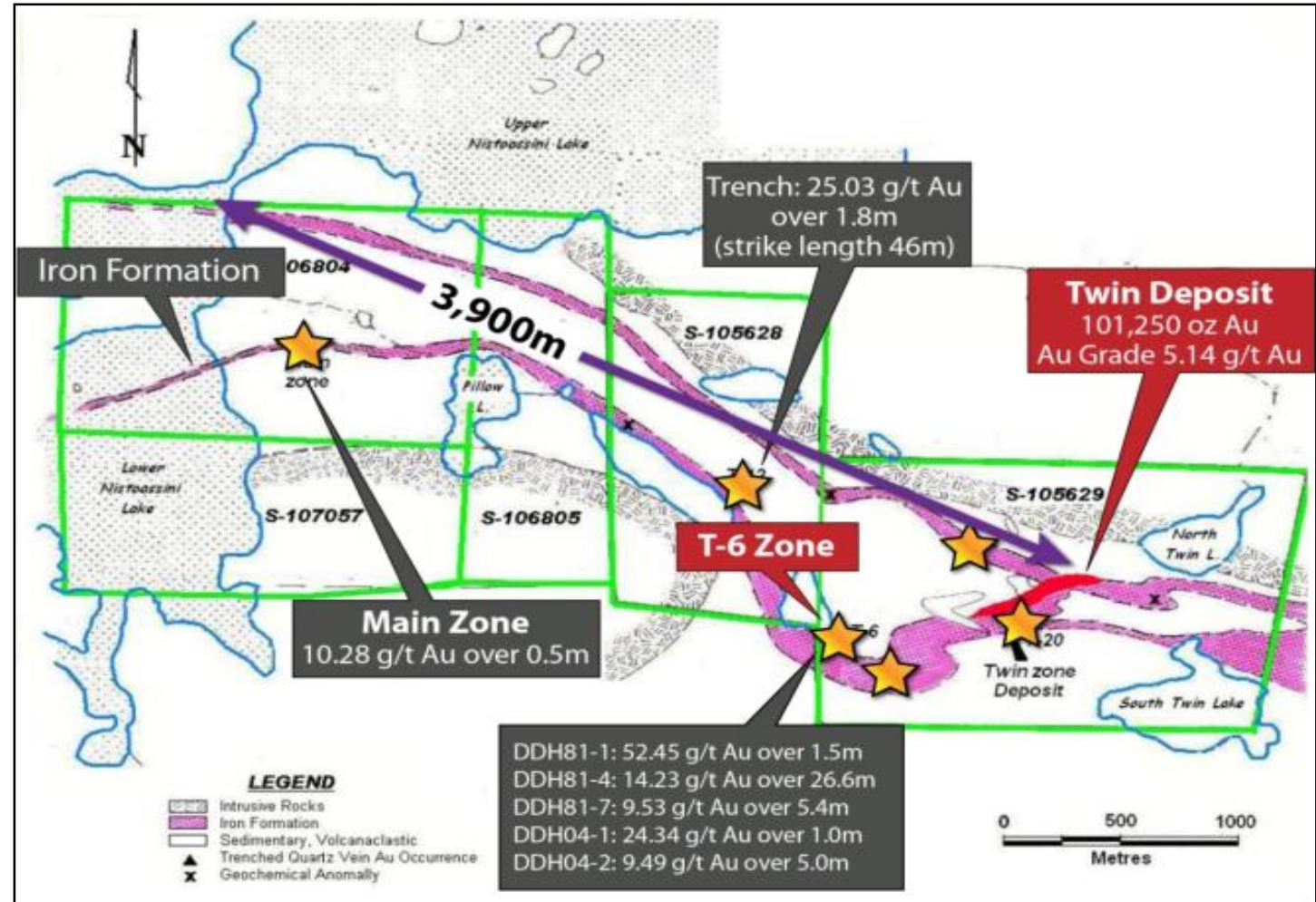
- 101,250 Au Oz @ 5.15 g/t Au\*

Several high priority targets over the remaining 3,450 m strike length:

T-6 Zone drill results include:

- 14.23 g/t Au over 26.6 m
- 52.45 g/t Au over 1.5 m
- 9.53 g/t Au over 5.4 m

\* Historical (non 43-101 compliant) Resources: Company has not verified the information available. A qualified person from the Company has not done sufficient work to classify the historical estimate as current mineral resources or mineral reserves; and the Company is not treating the historical estimate as current mineral resources or mineral reserves. The Company believes that the historic estimate is relevant to an appraisal of the merits of the property and forms a reliable basis upon which to develop future exploration programs. The Company will need to conduct further exploration which will include drill testing the project, and there is no guarantee that the results obtained will reflect the historical estimate.





## Capital Structure

IPO Price	\$ 0.125
CPC Common Shares++	4,013,329
++ CPC 25% escrow release	503,332
++ CPC 75% escrow balance	1,509,997
Financing Shares (NFT)	19,330,000
Financing Shares (FT)	2,000,000
<b>Basic Issued and Outstanding</b>	<b>25,409,995</b>
Warrants*	4,080,000
<b>Fully Diluted**</b>	<b>30,387,595</b>

\*\$0.20 for a two year period (Dec., 2024)

47,600 B-Wrts

\*\* includes 850,000 Reserved for first through fifth anniversary property option payments



# Management / Directors Biographies

## Lance Morginn Director

Mr. Morginn served as the Chief Executive Officer and Director of Blockchain since November 2017. From April 2012 to January 2015, Mr. Morginn served as Chief Executive Office of Max Health Vending, a company providing healthy snack and drinking vending machines in workplaces around Vancouver, British Columbia, as well as created software to manage vending operations. In January 2010, Mr. Morginn founded Cab Ride Media, a taxi advertising company, and acted as Chief Executive Office until August 2010. From February 2002 to January 2015, Mr. Morginn was the Chief Executive Office of FiberFeed Networks Inc., an internet services provider that provides website creation, co-location of servers and website hosting.

## Rasool Mohammad President, Chief Executive Officer and Director

Mr. Mohammad has more than 30 years of combined education and hands-on-experience in the Energy and Mining Industries in Canada, the U.S. and South America. He has his Bachelor of Science in Mining Engineering (1991) from UET, Peshawar, Pakistan. He was a founder, director, President, CEO and Chairman of the Board of Comstock Metals Ltd (CSL.V) from Mar 2011 to August 2019. During his time with Comstock he participated in share offerings that raised about \$19,000,000. Mr. Mohammad was a founder, director, CEO and COO of La Ronge Gold/Select Sands Corp (SNS.V) from May 2011 to August 2019. During his time with that company, he participated in share offerings that raised about \$34,000,000.

## Paul Sorbara Director

Mr. Sorbara, Founder, Director President of Golden Goliath Resources (GNG.V) completed his M.Sc. at the University of Toronto in 1979, studying collapsed caldera structures in Canada's Northwest Territories. Following graduation, he conducted Caldera Reconnaissance Programs for Cominco Ltd. in both British Columbia and the Sierra Madre Occidental range in Northern Mexico, spending a number of years in Cominco's Guadalajara office. Changes in the foreign investment laws made investment in Mexico feasible, and Mr. Sorbara was one of the first Canadians to go there. With help from his numerous Mexican geological contacts, he started his own private Mexican exploration company, Minera Delta S.A. de C.V. which after eight years he took public as Golden Goliath Resources Ltd. Mr. Sorbara has been Part of Cominco Ltd's Iron Formation hosted gold team.

He has conducted Research on Uranium deposits. Mr. Sorbara has been Lecturer at U of Toronto Ore Deposit Workshop on Uranium deposits (1979).

# Management / Directors Biographies

## Robert Webb Director

Robert joined the Government of Canada in 1990 holding positions as Canada's Science Policy representative to the USA; Head of Mission (Wright-Patterson AFB), acting Head of Mission (Canadian Consulate, Detroit); Director Research Oversight and Head, International / National S&T at Defence R&D Canada and concurrently National Coordinator (Canada) at the NATO Research and Technology Board, Paris; Canada's representative at the National Center for Manufacturing Sciences, Ann Arbor, Michigan; member of peer review teams with National Science & Engineering Research Council; and Head of Trade & Investment for Pakistan/Afghanistan (Islamabad) where he retired in 2012. Robert heads the Pakistan Extractives Working Group started by the World Bank and himself in April 2012. He is a 1968 graduate from the University of Leicester with a B.Sc. (Hons) in General Science, majoring in Math and Economics.

## Andreas Jacob Director

Mr. Jacob is Vice-President and director since 2007 of Petrolympic Ltd (PCQ.V). Mr. Jacob has significant experience growing and expanding small-cap companies and has spent years consulting for various businesses. As co-founder of Petrolympic, Mr. Jacob brings specific skills in providing strategic business direction, developing and maintaining key relations and fund raising.

## Oliver Foeste, CPA, CA Chief Financial Officer

Mr. Foeste holds a Bachelor of Commerce degree (with distinction) from the University of Victoria (2001). Mr. Foeste is the founder and Managing Partner of Invictus Accounting Group LLP (est. 2012) and has significant executive, director, finance and public company compliance experience across a number of industry sectors. Prior to Invictus, Oliver was in senior finance and accounting roles at TSX, TSXV, and NYSE listed issuers, and earned his CPA at Deloitte and a boutique tax advisory firm.