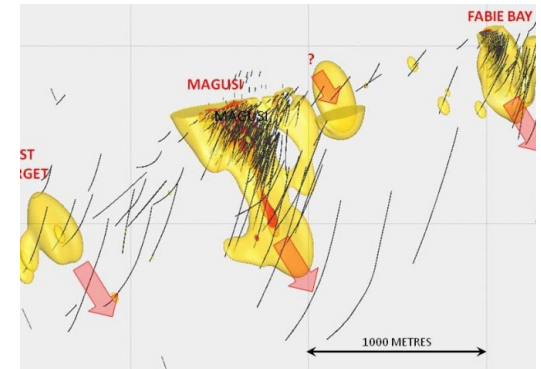
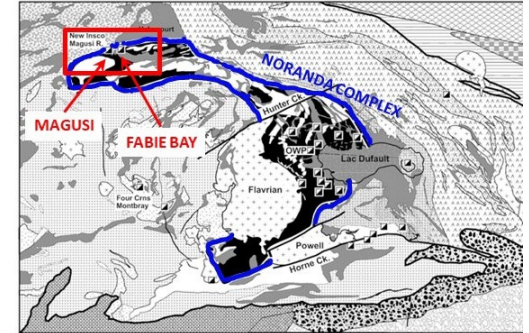


Electro Metals & Mining Inc.

Canadian Copper for the Electric Generation

CORPORATE PRESENTATION
OCTOBER, 2024





Disclaimer

This document contains “forward-looking information” (also referred to herein as “forward-looking statements”) under the provisions of applicable Canadian securities legislation. Generally, these forward-looking statements can be identified by the use of words such as “plans”, “expects”, “is expected”, “budget”, “scheduled”, “estimates”, “forecasts”, “intends”, “anticipates”, “believes” or variations of such words and phrases or statements that certain actions, events or results “may”, “could”, “would”, “might” or “will”, “occur” or “be achieved” or the negative connotation thereof. This document also contains “historic information” and information on peer companies in the business which was not collected by nor has it been rigorously validated by the company, however the company in its professional judgement deems the information to be valid for the purposes of continuing to explore and if possible develop the mineral opportunities on the company’s projects.

Forward-looking statements include, but are not limited to, those in respect of: the economic outlook for the mining industry, expectations regarding metal uses and metal prices, the timing and amount of estimated future investment, the initiatives and objectives in respect of certain projects of Electro Metals, the estimation of mineral resources, current and planned exploration initiatives, strategies and objectives in respect of the projects, liquidity, capital resources and expenditures, sustainability and environmental initiatives and objectives, business development strategies and outlook, planned work programs and drilling programs in respect of the projects, costs and expenditures, including capital and operating costs, costs and timing of the development of new deposits, off-take obligations, exploration and expansion potential, success of exploration activities, permitting and certification timelines, currency fluctuations, requirements for additional capital, government regulation of the mineral industry, environmental matters, First Nations interactions, unanticipated reclamation expenses, title disputes or claims, limitations on insurance coverage, environmental opposition, and other information that is based upon forecasts of future operational or financial results, estimates of amounts not yet determinable and assumptions of management.

Forward-looking statements are necessarily based upon a number of factors and assumptions that, if untrue, could cause actual results, performance or achievements to be materially different from future results, performance or achievements expressed or implied by such statements.

Readers are cautioned that the foregoing list is not exhaustive of all factors and assumptions which may have been used.

This document does not constitute an Offering Memorandum and as such is not intended to solicit funds.



Growth Plan: Near – Term Production

BACKGROUND and STRATEGIC RATIONALE

The plan of Electro Metals is to acquire near –term copper production and base metal cash flow opportunities in the ‘Electric Metals’ space.

This includes Cu-Zn, Cu-Ni, Zn, and the related metals Au, Ag, Pt, Pd, and Co

Objective: \$50million in cash flow in five years, 60% or more from copper

Electro has entered into a first agreement with that objective.

Our criteria are:

- **Near term or immediate cash flow: *potential production in three years***
- **Accretive in terms of added value *per share: indicative NPV CAD\$80million****
- **Resources that can be expanded: *numerous drill – ready targets***
- **Excellent exploration upside: *five additional exploration target areas***

Property is drill – ready, numerous copper targets to be tested

*** at \$3.50 Cu, \$1.15 Zn.**

First Project, Go-Public Update

Focus on Copper Resources, Production, Blue Sky



HIGH GRADE COPPER: FABIE – MAGUSI PROJECT, ROUYN-NORANDA, QUÉBEC

- **Cu-Zn-Ag-Au in the prolific Noranda District of Québec, Canada**
- **Past producer of copper, numerous high grade copper targets remain**
- **Excellent infrastructure, proximity to facilities, potential for early cash flow**
- **‘Brownfields Site’ past producer, two deposits, resource expansion upside**
- **Has bulk sample permit, extensive drilling, positive initial met test report**
- **11 km of favorable horizon plus FIVE targets for potential new discoveries**
- **100% ownership of 795 hectares with historic copper – silver mineralization**
- **100% earn in option on contiguous 5,830 Hectares (58.3 sq km) with resources**
- **Eligible for CMETC credits and super flow through**

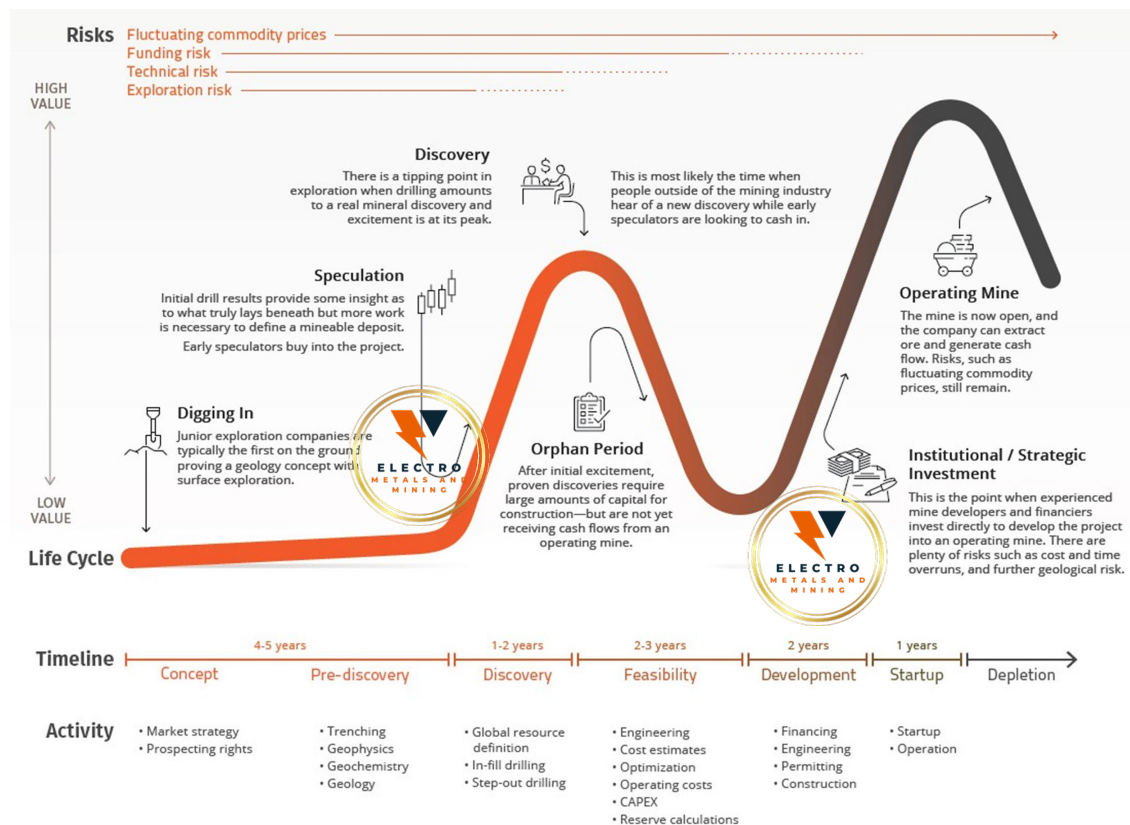
- **43-101 filed, audit essentially complete**
- **GO Public via RTO, IPO or other suitable vehicle.**

Electro Metals Two Prong Approach

Resource Development, Exploration Upside



Electro Metals' Magusi project provides investors with two paths to upside. Ongoing business development provides corporate growth opportunities.

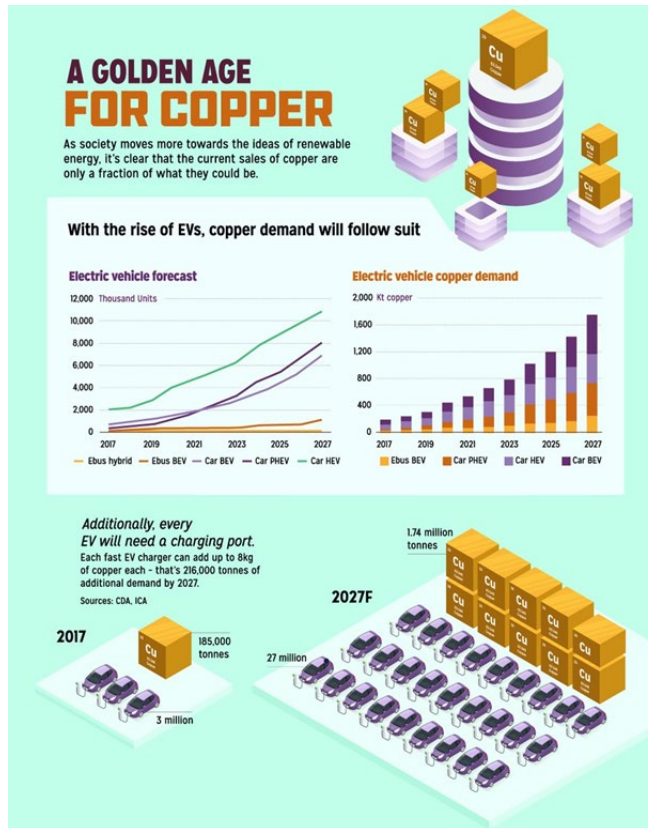


The “Pierre LaSonde Curve” of mining project development through the market cycle

WHY? Robust Metals Demand

Driven by Shift from Carbon Fuels to Electric

The shift from ICE to EV will drive demand for new vehicle car production. Copper is critical for electricity. Zinc is critical for infrastructure.

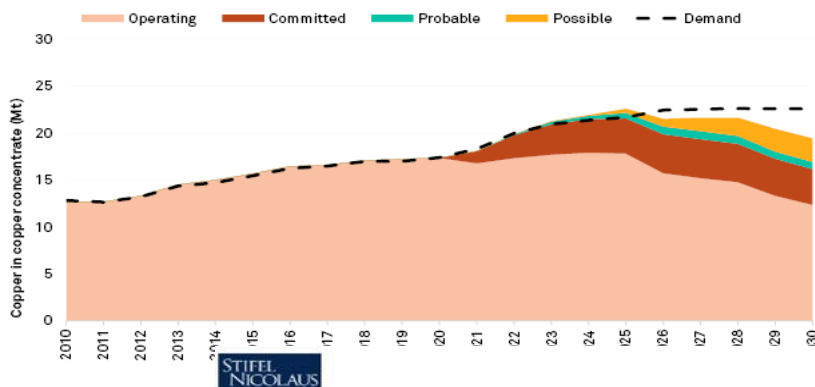


Global Hot-Dip Galvanizing for Automotive Market 2021 Key Dynamics, Recent and Future Demand, Trend, Analysis up to 2027 (MarketandResearch.biz Feb 8, 2022). Zinc use in galvanic batteries is growing. Copper content of vehicles will jump 4x from 22 kg in an average ICE, to 83 kg. in a Battery Electric Vehicle BEV), Source: Visual Capitalist

WHY? Commodity Cycle

Copper is setting up for a dramatic shortage

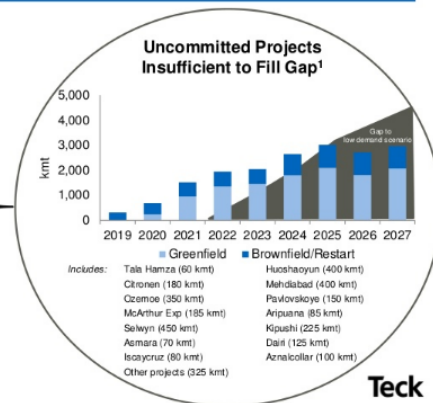
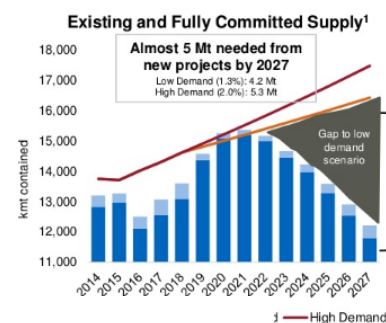
Expected 3.15 Mt copper concentrate deficit in 2030



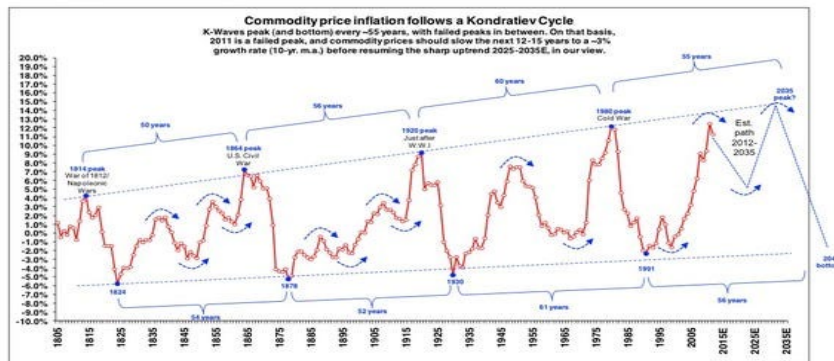
As of Oct. 12, 2021.
Source: S&P Global Market Intelli

The ~55 year peaks between Kondratiev peaks and bottoms (chart) signal a respite in commodity prices to about 2025, but 2025-35 could be a shocker if the historical trend holds. A respite could be attributable to more supply, China re-balancing, and western deflationary de-leveraging/U.S. dollar strength.

Zinc Gap Forecast to Continue
Zinc mine production peaks in 2020



Teck

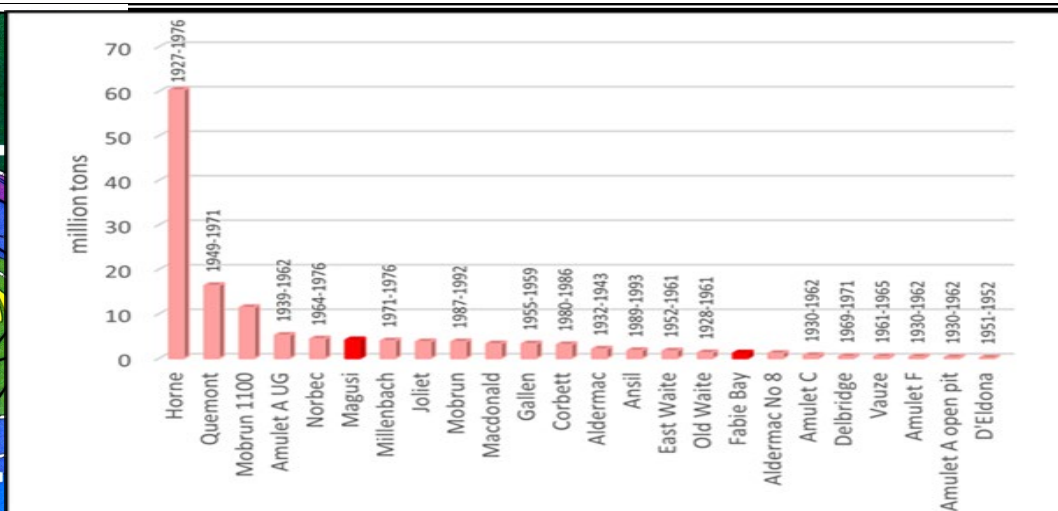
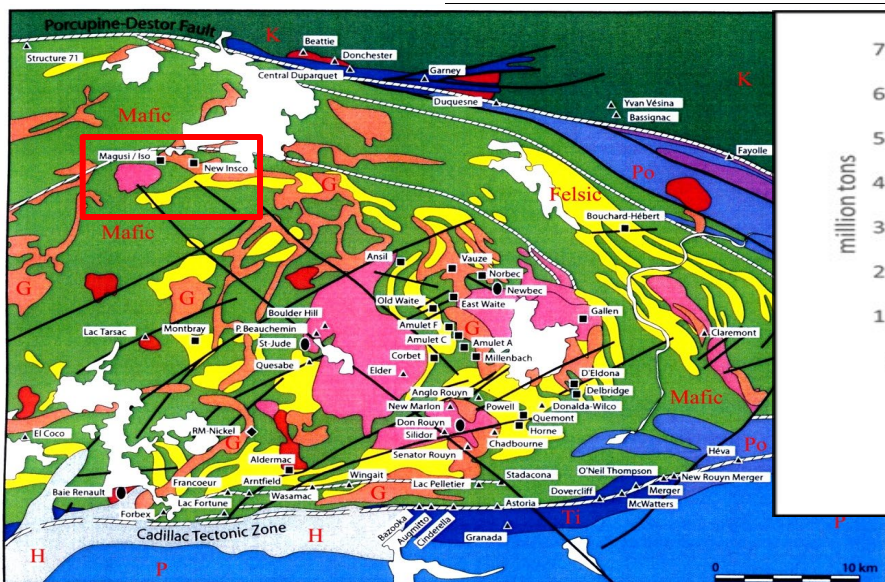


Source: Commodities 1795 to 1890 are the Warren & Pearson U.S. commodity index constructed with farm products, foods, hides & leather, textiles, fuel & lighting, metals & metal products, building materials, chemicals & drugs, household furnishings goods, spirits and other commodities. 1891 to 1913 is the Wholesale Commodity Price Index from the BLS and other agencies. 1914 to 1956 is the 1991 for All Commodities, and 1957 to present is the CRB Continuous Commodity Index, currently an equal-weighted, four-month index of 17 commodities including most high-use energy and agricultural commodities. Prior to 2002, annual data are the average of monthly values. For the trailing decade, all daily closing values for the CRB CCI index are considered.

- The historic commodity cycle will be enhanced by metals demand.
- Copper will gradually replace oil for transportation.
- Galvanizing becomes more important to protect steel.
- Under-investment in mining has led to critical shortfalls in supply.

Why Rouyn-Noranda?

Proven “Company Maker” Potential



Historic mining camp, experienced workforce

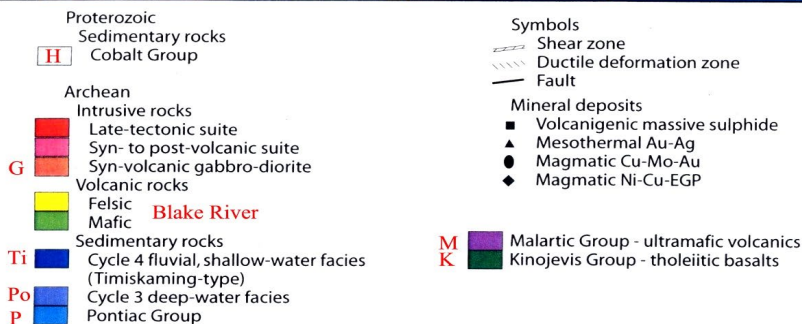
Excellent infrastructure

Over 20 ‘VMS’ mines, 120 million tonnes of ore produced

High grade copper – rich deposits, occur in clusters

VMS mines created Noranda, HudBay, TECK, and AUR Resources

‘Mining Friendly’ jurisdiction



Project Location

Noranda Mining Camp, Quebec



Excellent location in a mining friendly jurisdiction, with immediate access to power, roads, workforce and processing facilities. 100 km from Kidd Met Complex in Timmins, 50 km from Horne smelter in Quebec, 85 km from LaRonde Concentrator



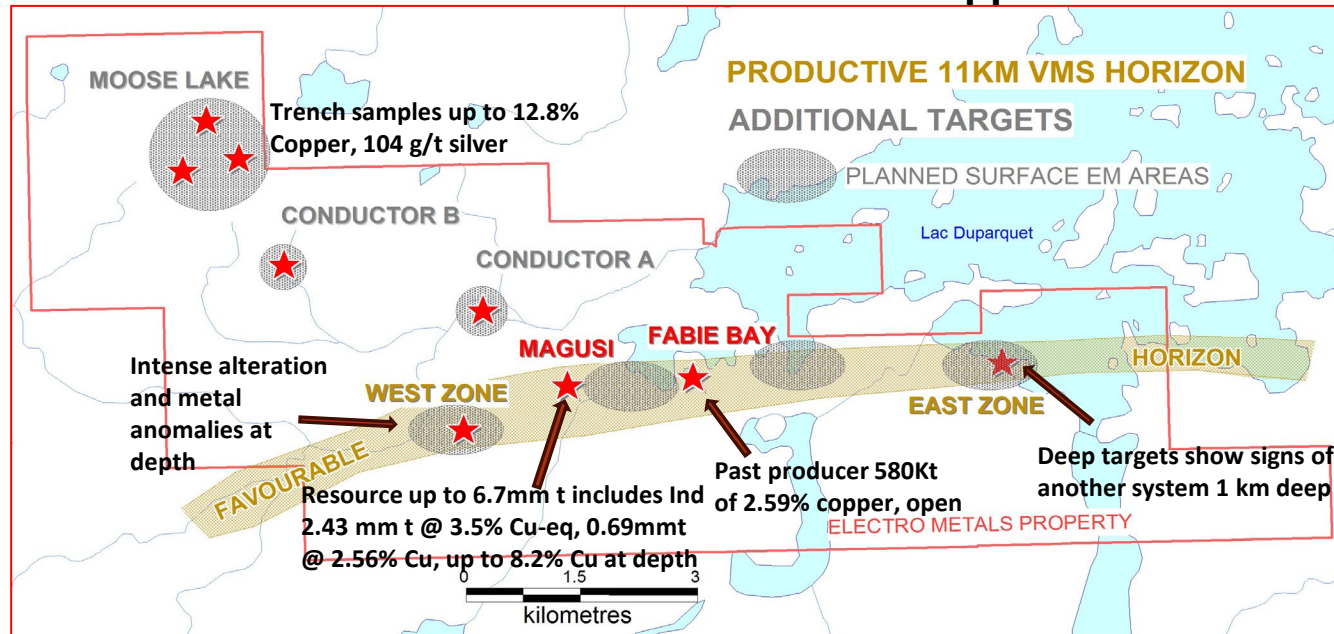
Known Resources and Blue Sky Multiple High Grade Copper Targets*

Four targets on 11 km favourable horizon:

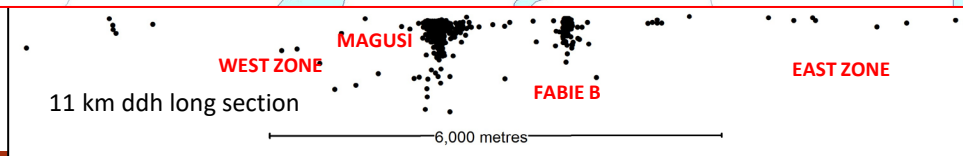
- **Two deposits: Fabie Bay & Magusi**
- **Two targets: West and East**

Three additional targets:

- **Two untested conductors A and B**
- **Copper – silver at Moose Lake**



*See Appendix for target summaries



HE-92-09

Magusi Deposit

Excellent Potential for Production and Expansion

* Magusi Resource

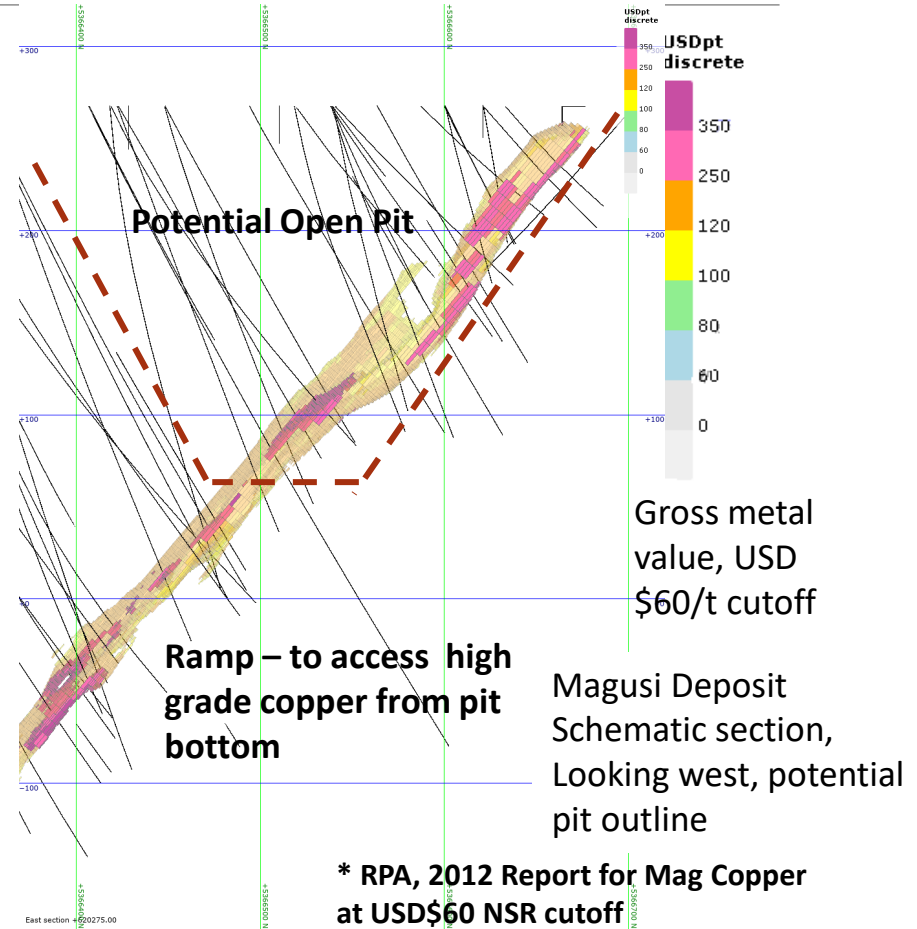
Indicated:

2.43 mm t grading 1.54% Cu, 3.53% Zn, 37.2 g/t Ag, 1.0 g/t Au

Inferred:

687,000t 2.56% Cu, 0.46% Zn, 21 g/t Ag, 0.27g/tAu

Potential for open pit operation followed by underground. Deposit open, includes 8.19% Cu/3.05 m and 4.64%Cu/4.61m below 400m



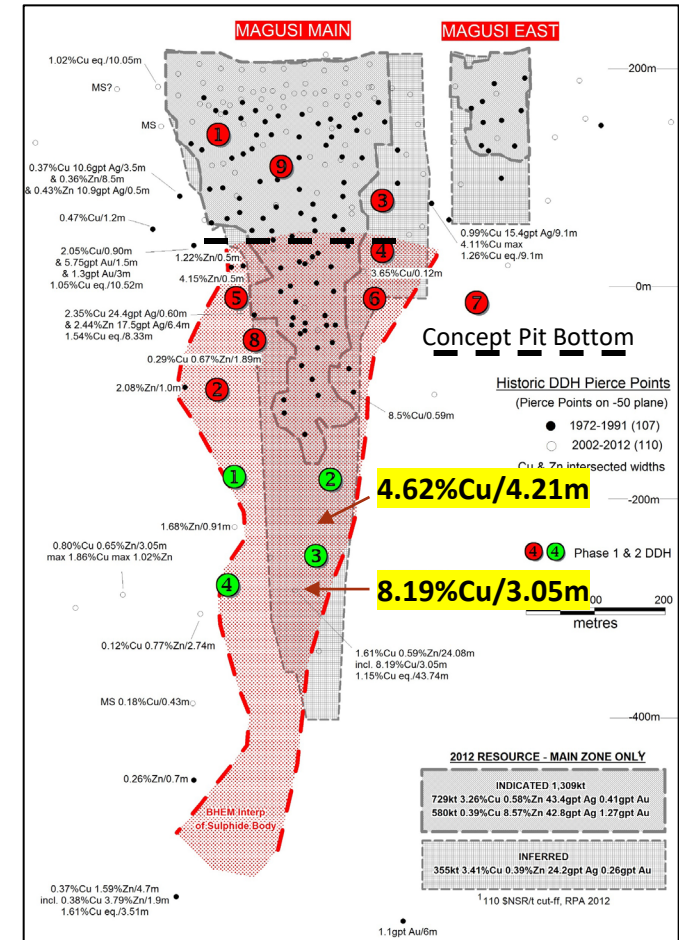
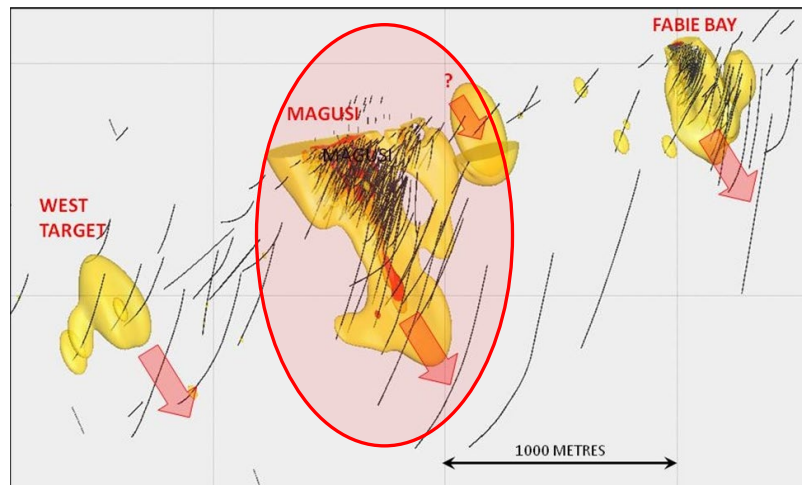
Magusi Development Strategy

Confirm high grades and resource expansion potential



Establish best options for mining strategy

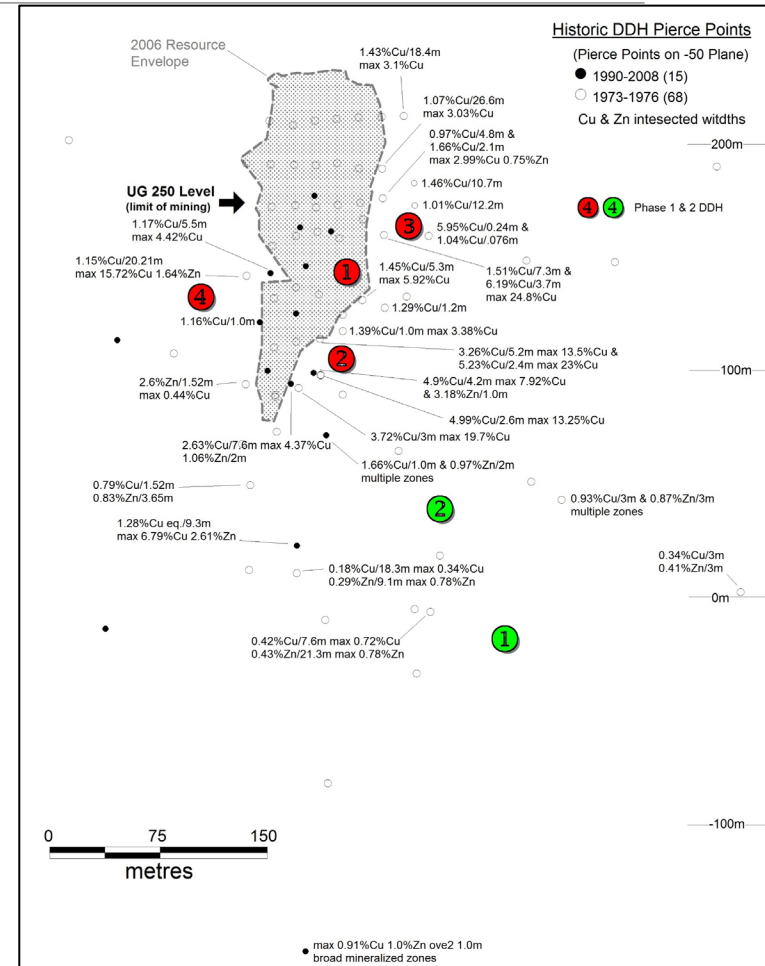
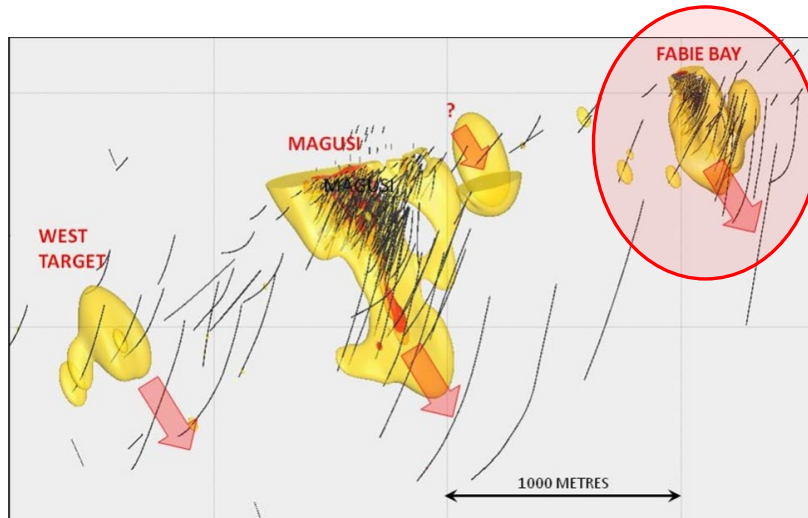
- Infill and test high grade structures
- Determine pit depth and outline
- Follow up deep high grade copper zones
- Continue mineral process test work
- Continue processing / offtake discussions
- Initiate permitting, stakeholder dialogues



Fabie Bay Deposit

Existing Copper – Rich Resource with Past Production

- Historical mining: ~ 580,000 t @ 2.59% copper
- Developed to 4th level, mined to 250 level
- Was permitted for production in 15 months in 2006
- Estimated 150,000 t remaining, ramp accessible
- Open for expansion, to augment Magusi production
- Assays up to to 31.1%Cu in underground resource

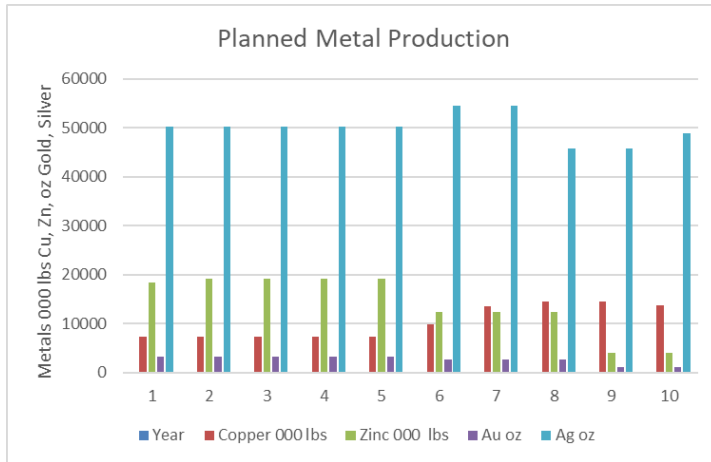


Positive Internal Scoping Study*

DIRECT SHIPPING TO LOCAL CONCENTRATORS

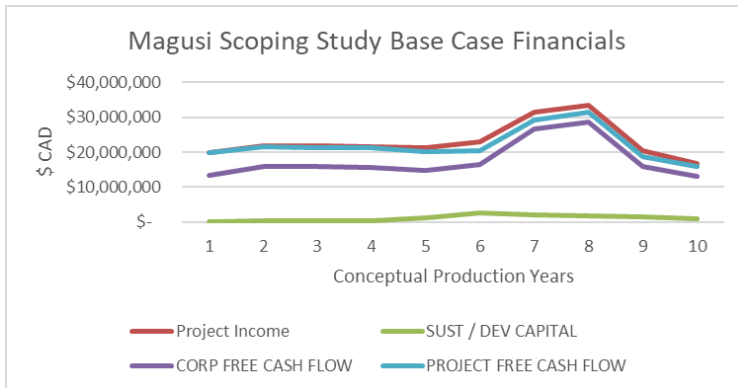


Internal scoping study, suggests positive economic potential at USD\$3.50 copper and \$1.15 zinc, 1,000 tpd



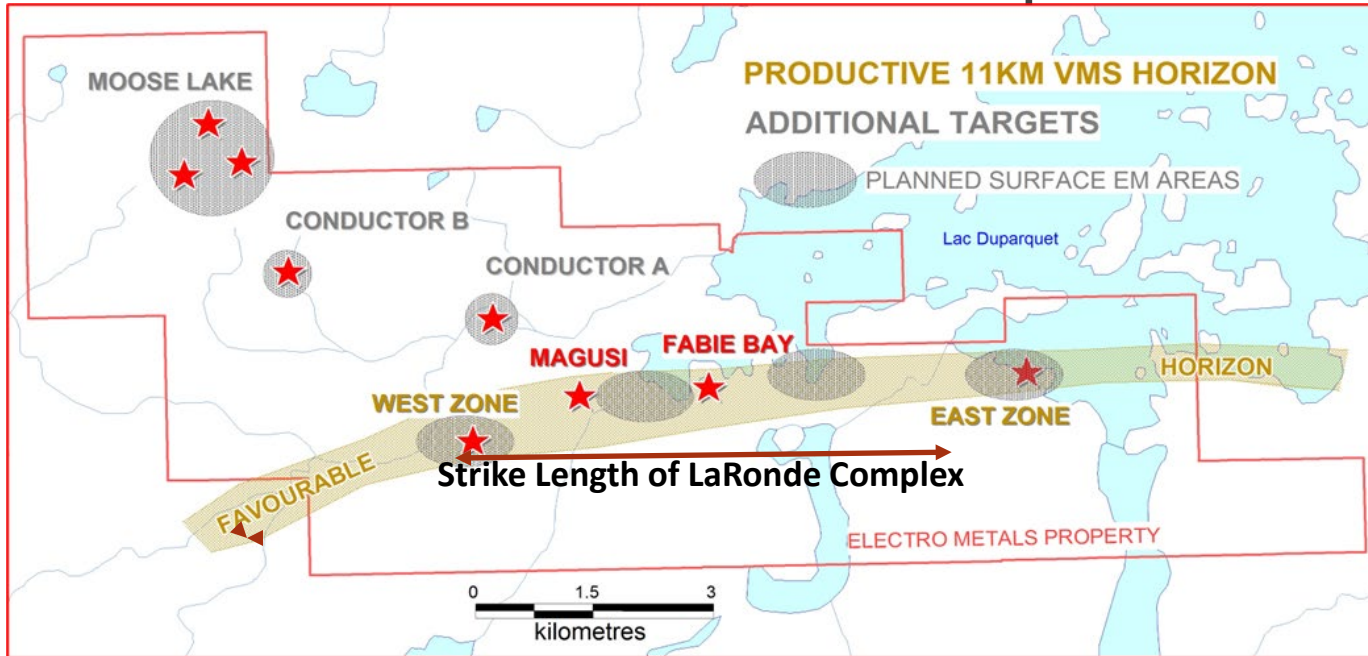
Direct Mine Capital Required	
Pre-production Development	\$ 7,700,000
Capex Installations	\$ 1,845,000
Capex Mobile	\$ 3,813,000
Capex pre-production	\$ 3,403,500
Fabie pre-prod'n	\$ 1,750,000
Total Capex	\$ 18,511,500
Start-up Working Capital	\$ 9,169,313

Internal Scoping Study Project Metrics Suggest a Viable Project			
Base Case Metal Prices		Base Case Financial Metrics \$ '000	
Copper USD/lb	\$ 3.50	Corp. NPV ₍₁₀₎	\$74,676
Zinc USD/lb	\$ 1.15	IRR	52%
Silver USD/oz	\$ 20.71	Payback	16.61 Months
Gold USD/oz	\$ 1,800	Project NPV ₍₁₀₎	\$124,338
Cu AISC 1st 5 yrs	\$ 0.09	per pound copper, net of credits	
Zn AISC 1st 5 yrs	-\$ 0.22	per pound zinc, net of credits	



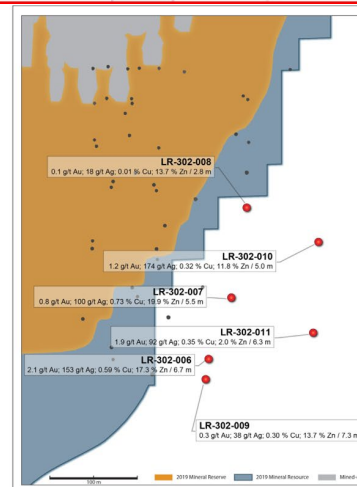
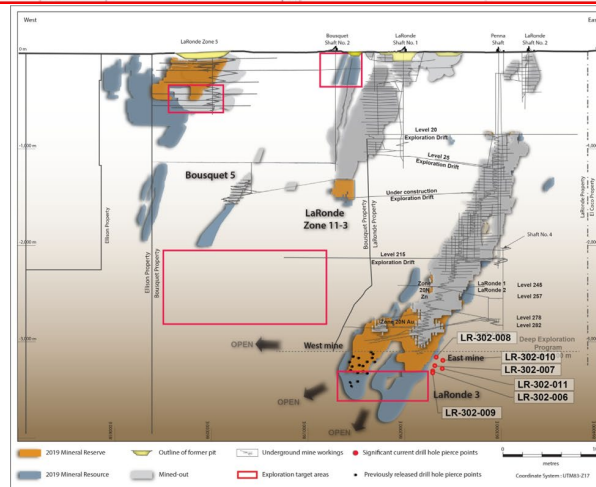
* **Study is not 43-101 compliant. Initial positive economics** predicated on expanding Inferred resources at Magusi and Fabie. Development plan includes open pit material with option of mining Fabie then Magusi deep copper zones Various upside options for underground development and expansion, PLUS exploration. For depth potential see LaRonde Complex comparison.

Fabie – Magusi Exploration Potential: Favourable Horizon Same Scale as LaRonde Complex



Favourable Horizon extends 11km, includes two shallow deposits, two favourable centres, mineral indications to 1 km depth.

LaRonde Complex at same scale as Fabie Magusi Property, extends 6 km and mines extend to 3 km.



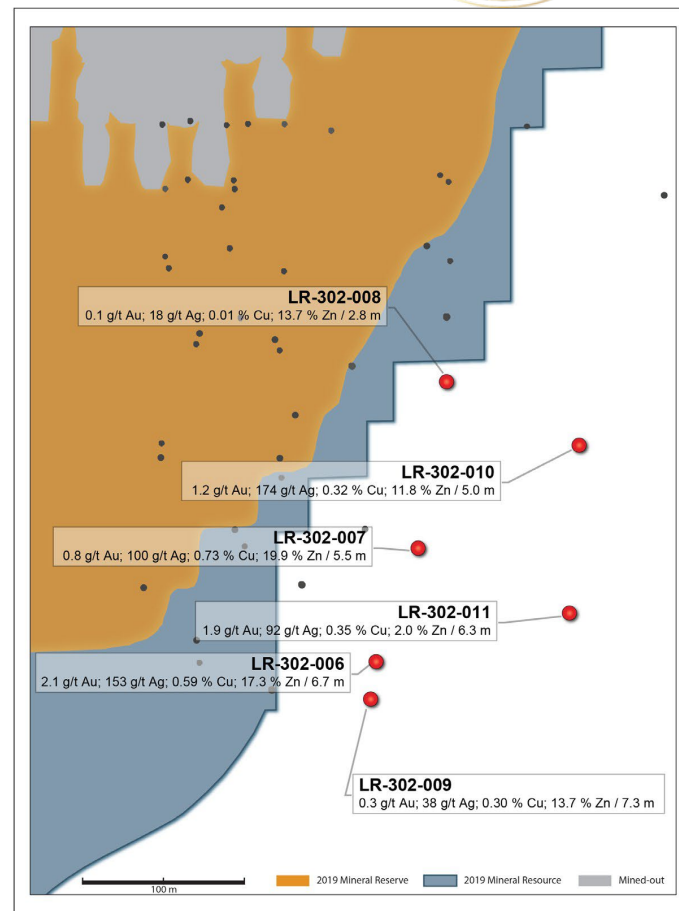
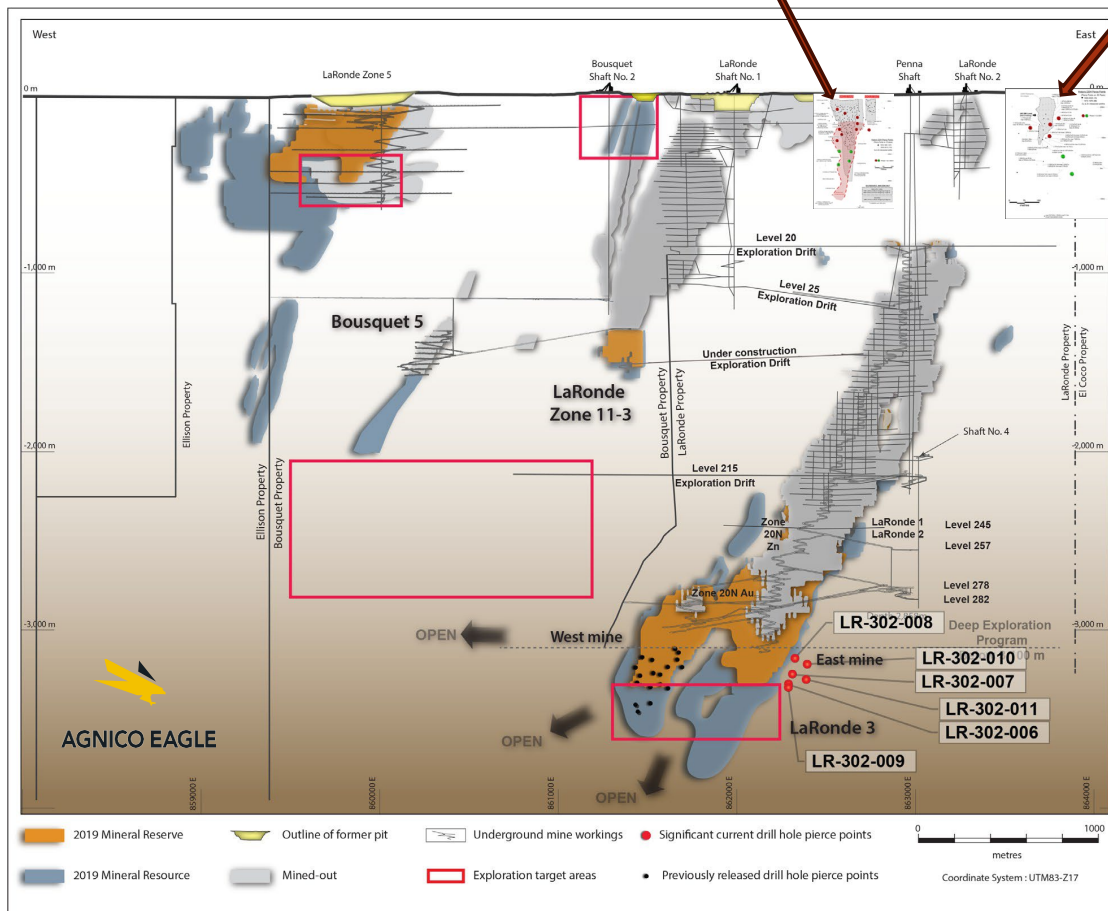
Fabie Magusi Exploration Potential:

Magusi, Fabie and Agnico Eagle's LaRonde Deposits - Scale Comparison



Magusi deposit

Fabie deposit



Fabie & Magusi deposits at same scale as LaRonde to demonstrate the comparative extent of work and results. LaRonde Complex extends to 3000 metres, drilling at Fabie-Magusi concentrated above 400 metres, deepest Magusi intercept 24 metres 1.61% Cu, includes 8.19% copper over 3.05 m at ~ 450 m depth.



Proposed Development Programs

Phase One: CAD\$2.5mm

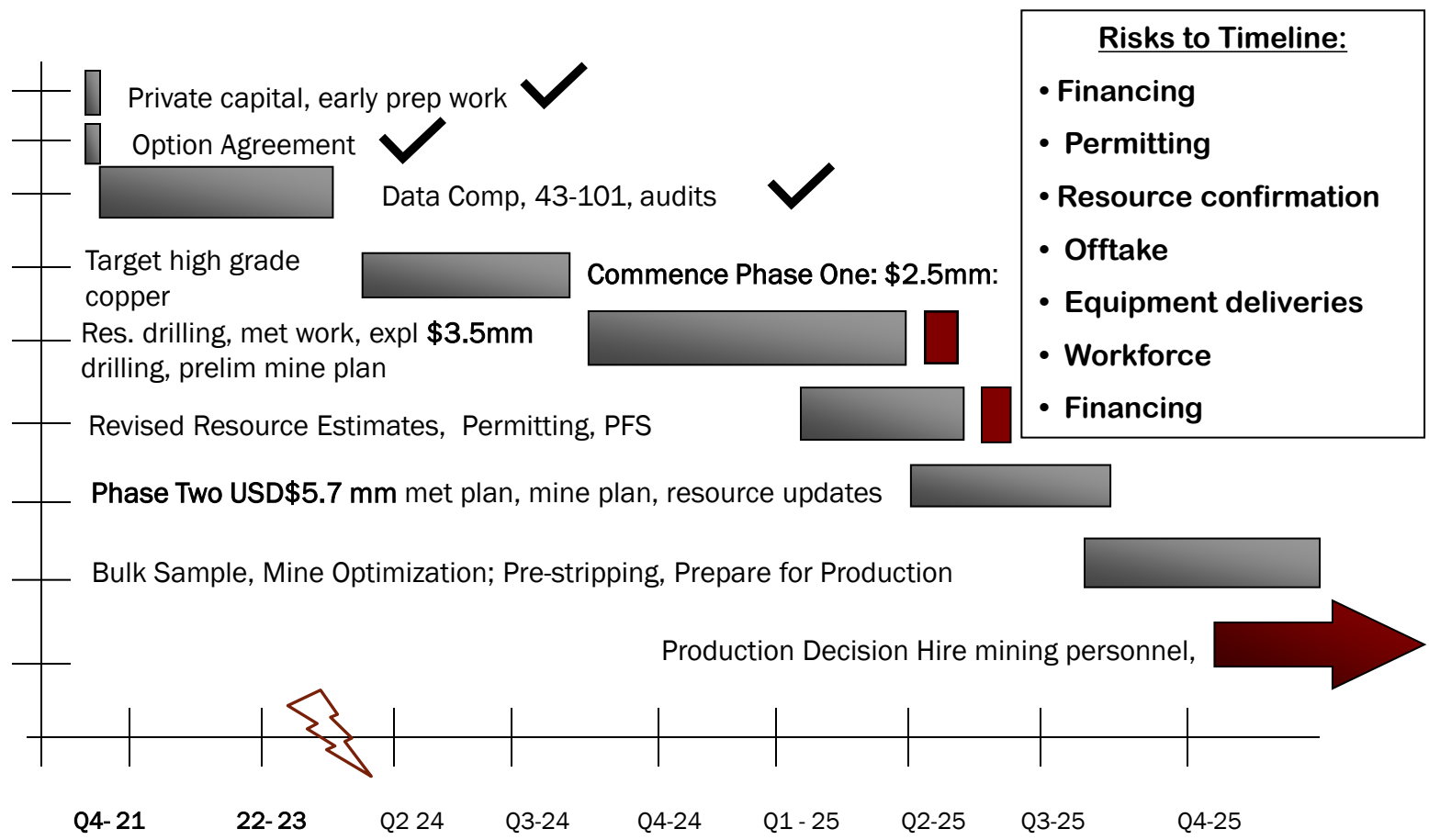
- Drill infill holes and test high grade structures at Magusi
- Add near surface resources at Magusi and Fabie
- Test high grade copper zones at Magusi
- Prepare 5 additional targets and complete initial drilling
- Carry out surface prospecting and geophysics

Project Exploration & Development	
Geophysics Surveys, Ground-Truthing, prospecting	\$300,000
Expand & Upgrade resources 9,250m	\$1,350,000
Resource Re-evaluation	\$150,000
Payments (Finders Fees, underlying property owner)	\$150,000
G&A, Marketing, Permitting, and ESG Contingency	\$550,000



Aggressive Work Plan

Development and Discovery Opportunities





Electro Metals Team

Highly Experienced & Diversified Management

Daryl Hodges, MSc, CEO and Chairman

19 years Falconbridge, Kidd Creek, Esso Minerals, Harbinson Group, Texasgulf, includes copper-zinc, gold, and tin-tungsten discoveries, Hoyle Pond discovery team (BSc Thesis), Owl Creek Gold, mine assessments at Norilsk, Russia & Keivitsa, Finland
17 years Investment Banking and Research: Jennings Capital, HSBC, CEO at Jennings, over \$4bn in transactions
8 years Advisor and Director of public and private companies

Doug Harris, CPA, CBV, MBA., Chief Financial Officer

Over 25 years of experience in the Financial Services sector.
Accounting, Corporate Finance, private equity and M&A experience in over \$2bn of transactions.
MBA Accounting Rotman School of Management (Toronto), BSc Geography (Guelph)

Paul Nagerl, MSc., EVP Exploration

Over 30 years nickel - copper experience, Thompson, Raglan, South Africa, Brazil, including management and executive experience, and discoveries in Manitoba and Brazil.

TBA. President and COO, Mining

Over 30 years mine engineering experience with increasing responsibility. Base metals and gold, worldwide experience.

Independent Board

Shameze Rampertab, Independent Director, Head of Audit Committee,

Samir Biswas, Independent Director, President of India Metals

Dan Weir, Independent Director, CEO of Copper Bullet Mines Inc.

Advisors: Currently a virtual team assisting with resource, engineering, metallurgy, offtake, processing



Capital Structure

Implied Pre-Money Market Cap: CAD\$6.6mm @\$0.20

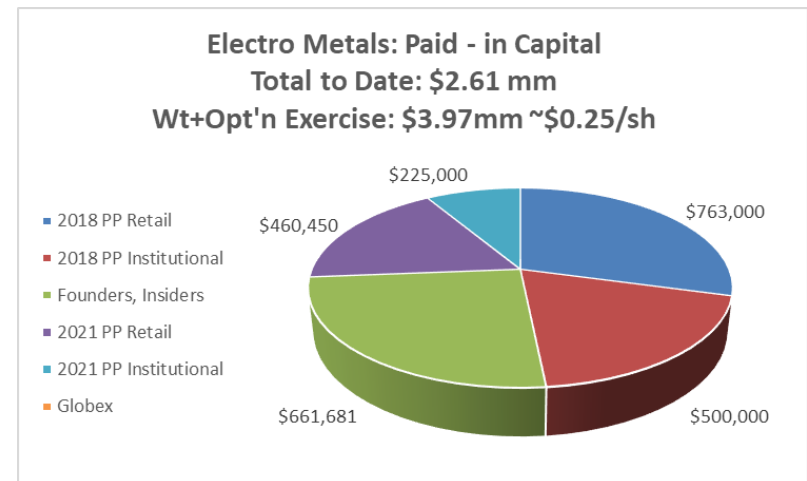
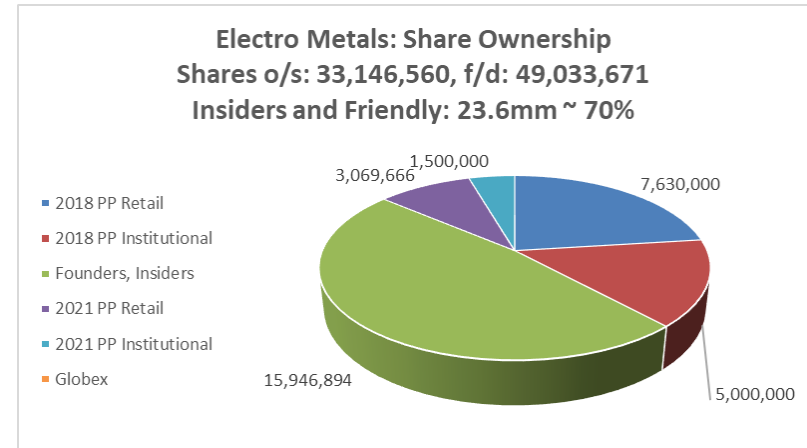
Capital Structure

- 33,146,560 shares outstanding
- 12,959,110 warrants
 - 10,546,667 @ \$0.25
 - 2,412,433 @ \$0.35
- Finder's Warrants
 - 28,000 @ \$0.25
 - 127,610 @ \$0.35
- Options: 2,900,000 @ \$0.15
- 49,033,671 fully diluted

Legal Counsel: Blaney McMurtry, REVLaw

Auditor: McGovern – Hurley

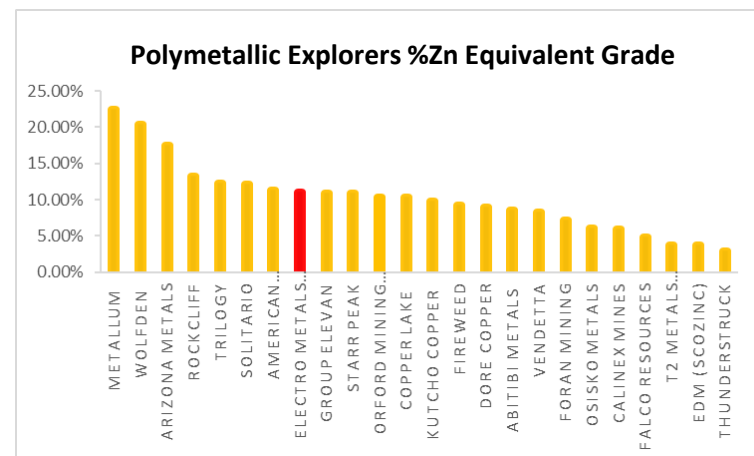
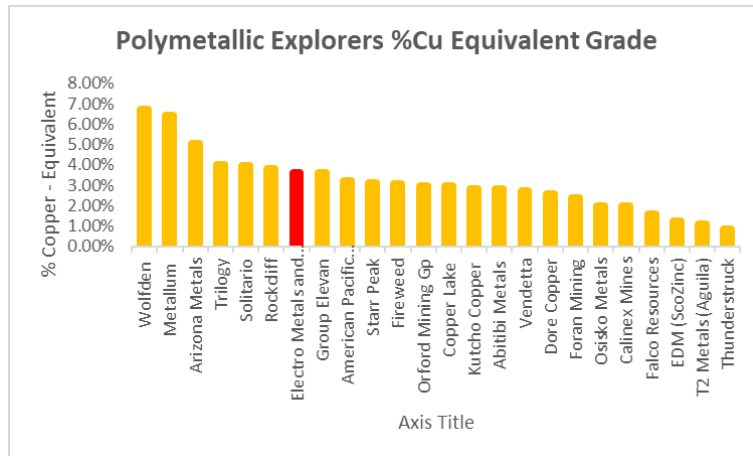
Bank: TD Canada Trust





Public Comparables

GRADE: Magusi hosts high-grade resources



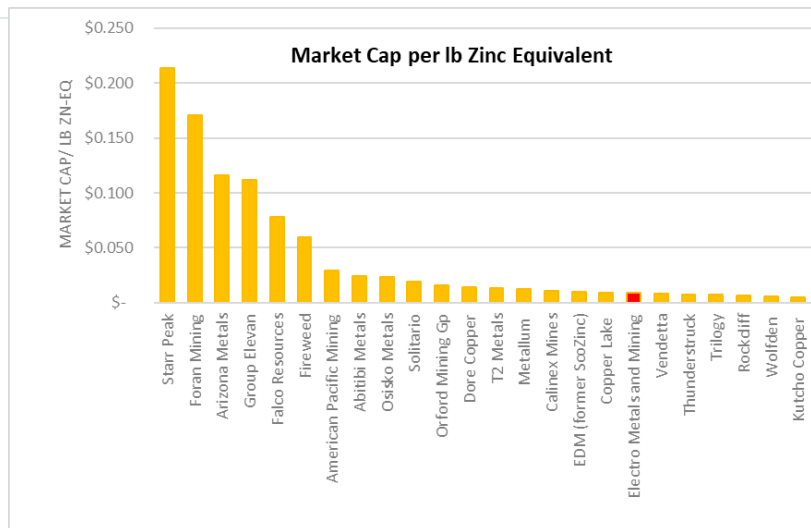
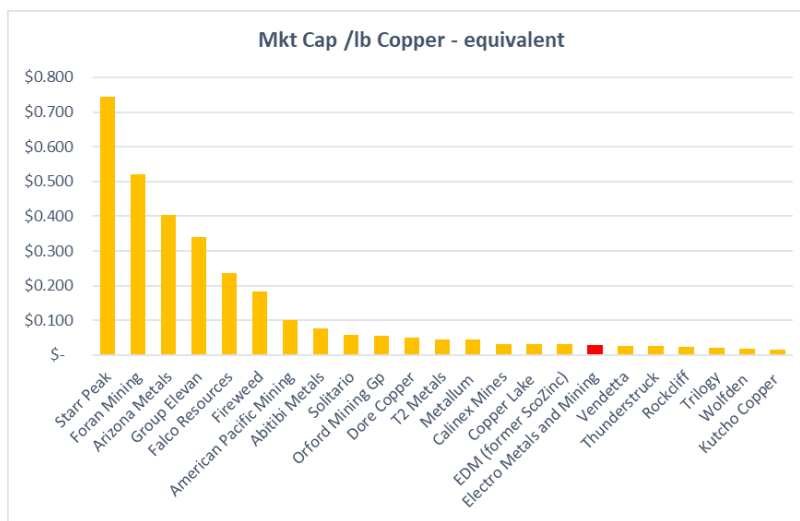
- Indicated Resource 2.43mm t 1.54%Cu, 3.53% Zn, 37.2 g/t Ag, 1.0g/t Au
- Inferred Resource: 687KT 2.56%Cu, 0.46% Zn, 21g/t Ag, 0.27 g/t Au
- Local assays up to 31% copper, 27% zinc
- *Internal scoping shows positive potential for open pit followed by ramp to mine deep copper rich lenses and expanded resource*

* RPA, 2012 Report at USD\$60 NSR cutoff



Public Comparables

Market Cap: Well Placed for Value Accretion



Assumes EMM share price CAD\$0.20. Immediate upside includes extending the Inferred Magusi Resources (687Kt @2.56% Copper, and open) and Fabie deposit (~150,000 t @2.5% Cu, and open). Cu-Zn except Fireweed, Solitario, EDM Zn-Pb **Additional upside** at Magusi includes following up intercepts located 100 and 200 metres below the Indicated Resource: Massive Sulphides: 1.61% Cu, 0.59% Zn/ 24.08 m including **8.19% Cu/3.05m**
1.29% Cu, 0.85% Zn / 35.23 m including **4.62% Cu/4.61 m**
EMM is private, Implied market cap of CAD\$6.9mm is pre-money.

As at market close May 3, 2024



Why Electro Metals?

Location, Assets, Management and Execution

Experienced Management, Aggressive Growth Plans

- Exploration, resource development, mining, finance, M&A, capital markets
- Actively seeking accretive growth, strong technical and transaction skills

Location, Location, Location

- Focus on known deposits, great location, excellent infrastructure
- Top mining jurisdictions, highly productive mining camps

Development and Exploration Upside

- Excellent potential to expand resources and commence early production
- Excellent potential for “near – mine” discoveries
- Excellent potential for new “grass roots” discoveries

De-Risked with upside: Location, Assets, Management, Plan

Fairly Valued: High Grade and well – positioned relative to peer group

Exploration – Development Financing



Issuer:	Electro Metals and Mining Inc.
Ticker:	(TBD) There is no market for the shares, the company has filed 43-101, audit complete to 2022 y-e – pending financing, plan is to go public asap, as required.
Amount:	\$2.5million – commence Phase One
Price:	\$0.20 subject to final negotiation
Structure:	\$750k hard dollars required, \$1.75 mm flow through
Use of Proceeds:	Surface prospecting new high grade copper target, airborne survey, Resource Drilling to expand and test high grade near surface and deep high grade copper zones, exploratory drilling to test geophysics conductors.

Contact Information

Electro Metals and Mining Inc.

Daryl Hodges, CEO & Chairman

dhodges@rogers.com

647-271-3817

<https://electrometalsandmining.com>



Photo Gallery

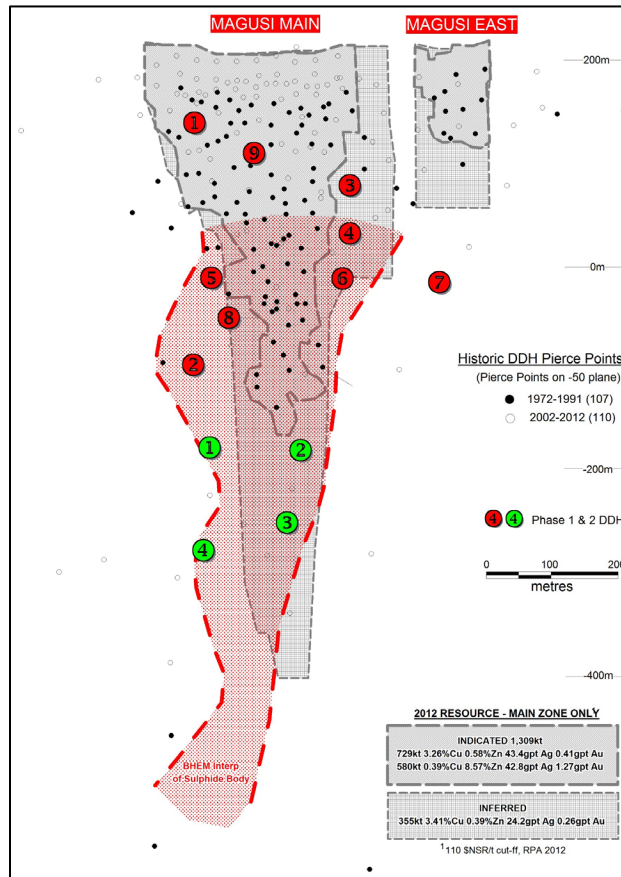
Infrastructure, Access, Critical Data



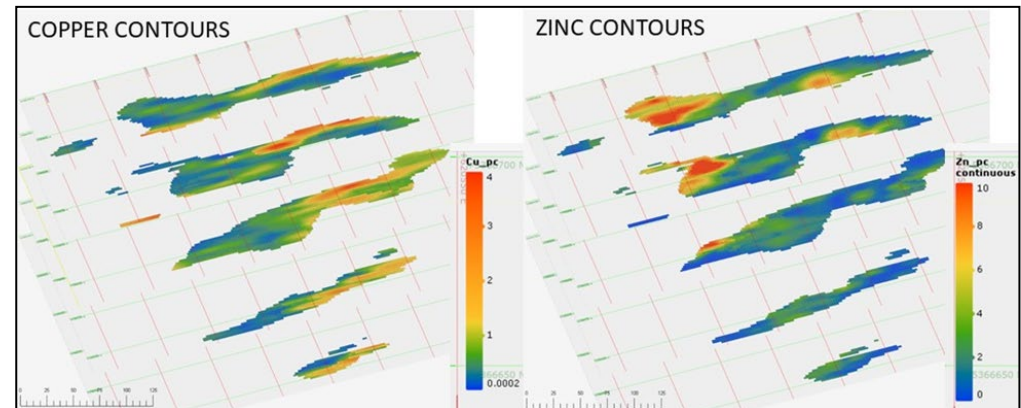
Photos from Fabie Bay Mining and Magusi Ramp circa 2008

Magusi Metal Zonation

Distinct high-grade copper and zinc zones



High-Grade Cu & Zn

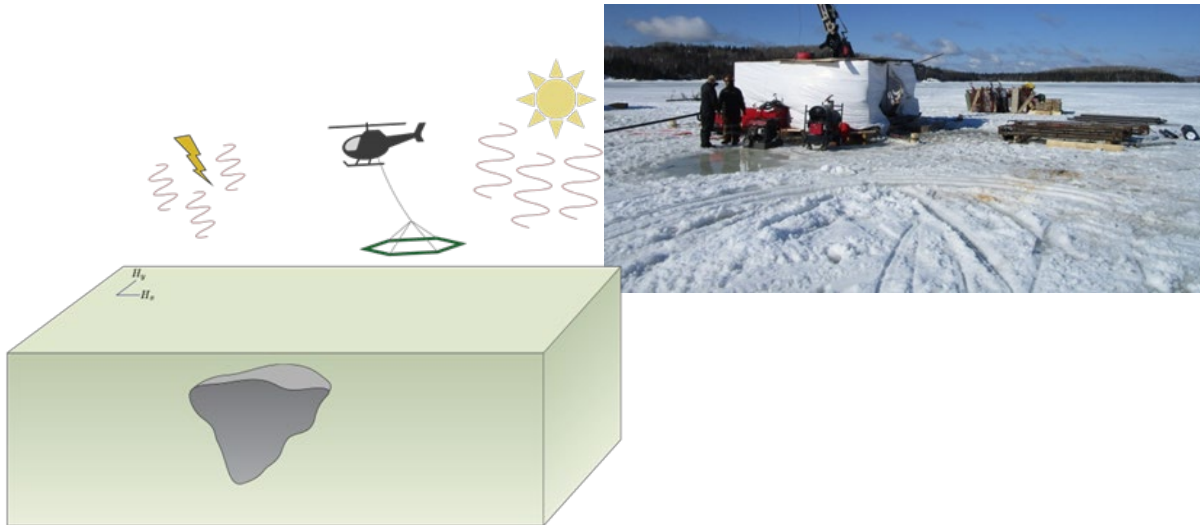
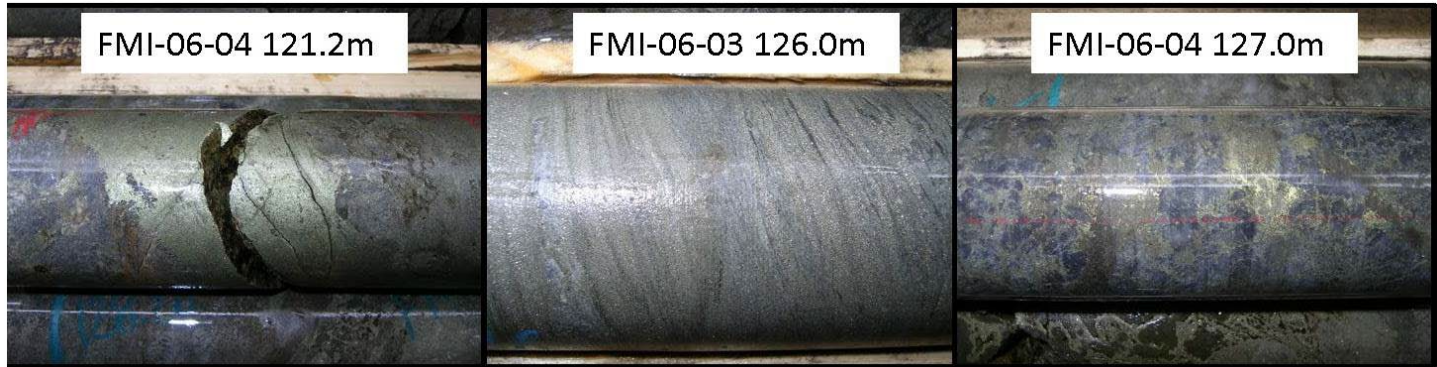


Current Indicated & Inferred Contained Metal
121mm lbs Cu, 176mm lbs Zn, 78K oz Au, 2.1mm oz Ag

Drill programs are designed to increase the mineral inventory, confirm mining concept, demonstrate upside, and make new discoveries

Fabie Magusi

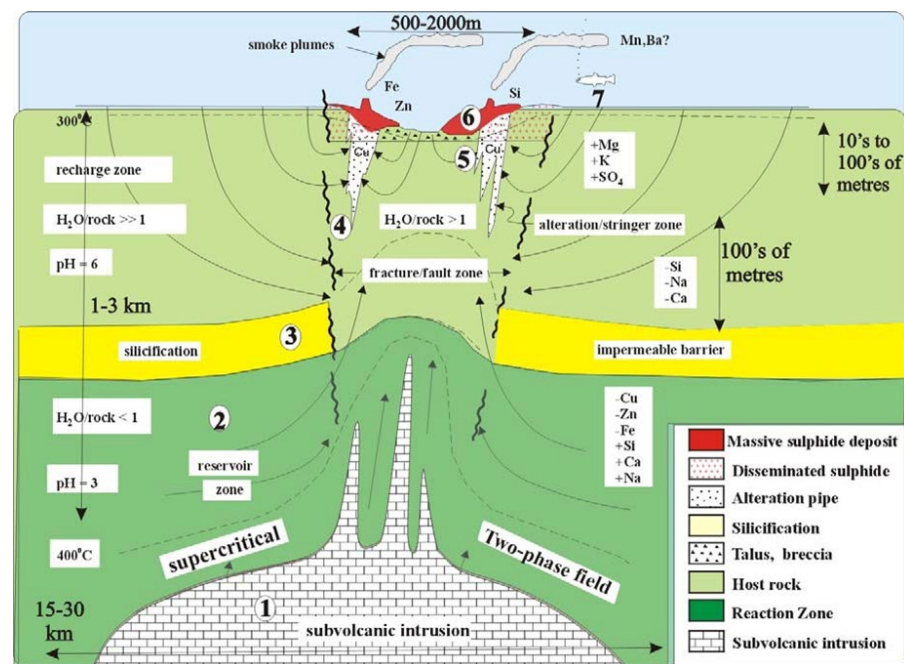
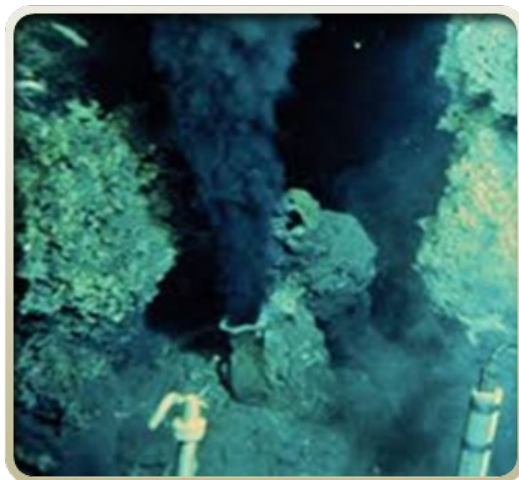
Adding Value: Aggressive Drilling & Geophysics



Fabie Magusi Exploration upside: Textbook Example of VMS Ore Potential

THE PROJECT TICKS ALL BOXES:

- ✓ Two known deposits, evidence of more
- ✓ Intense hydrothermal alteration
- ✓ Subvolcanic intrusion 'heat source'
- ✓ Broad 'recharge zone' alteration
- ✓ Evidence for alteration "Pipes" along 11 km favourable horizon

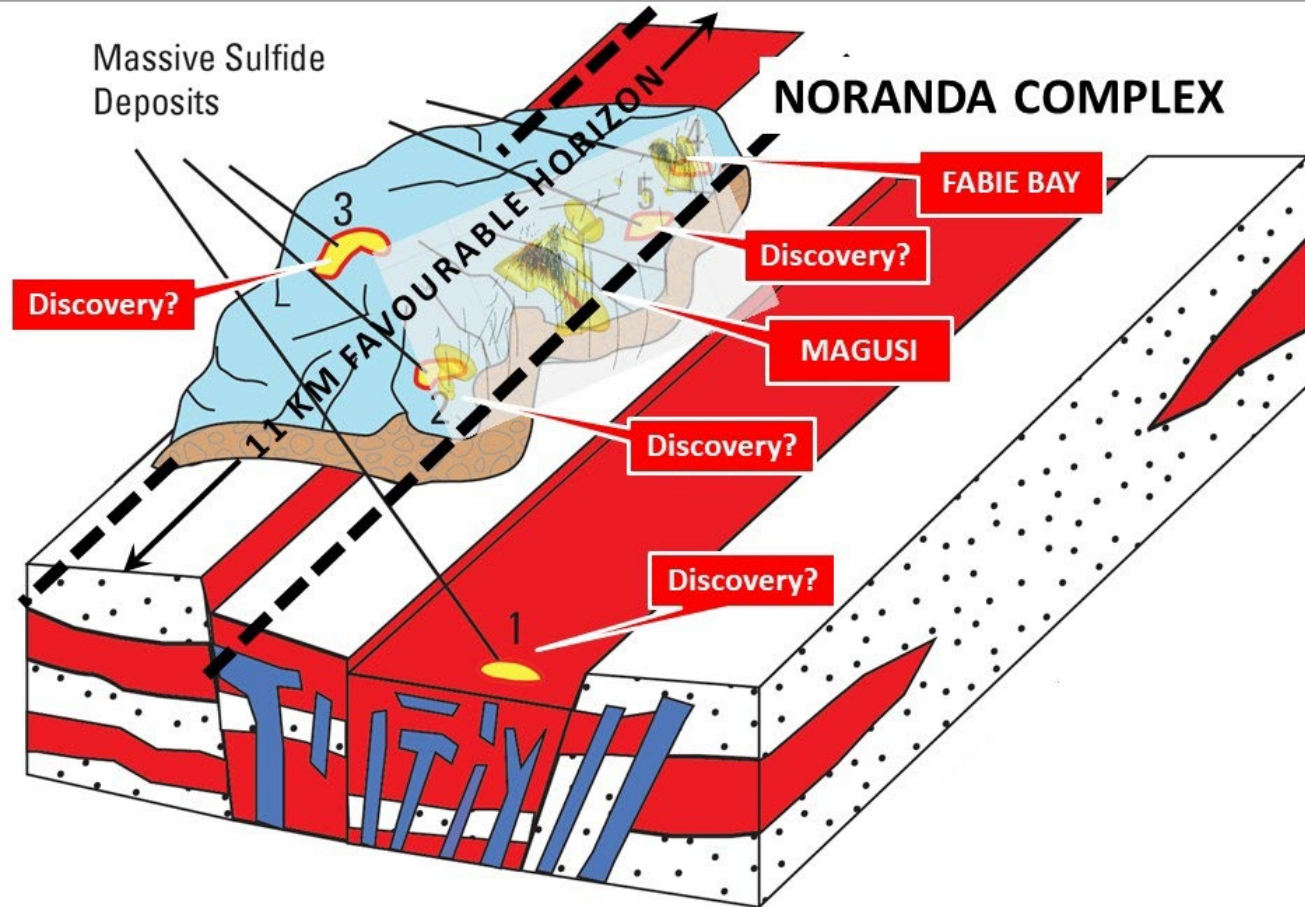


Source: Dr. J.M. Franklin, Dr. A. Galley, GSC. Franklin GeoSciences

**VMS seafloor model cross section above, and
modern day black smoker on the seafloor**

Fabie Magusi Exploration Concept

Multiple Discovery Opportunities

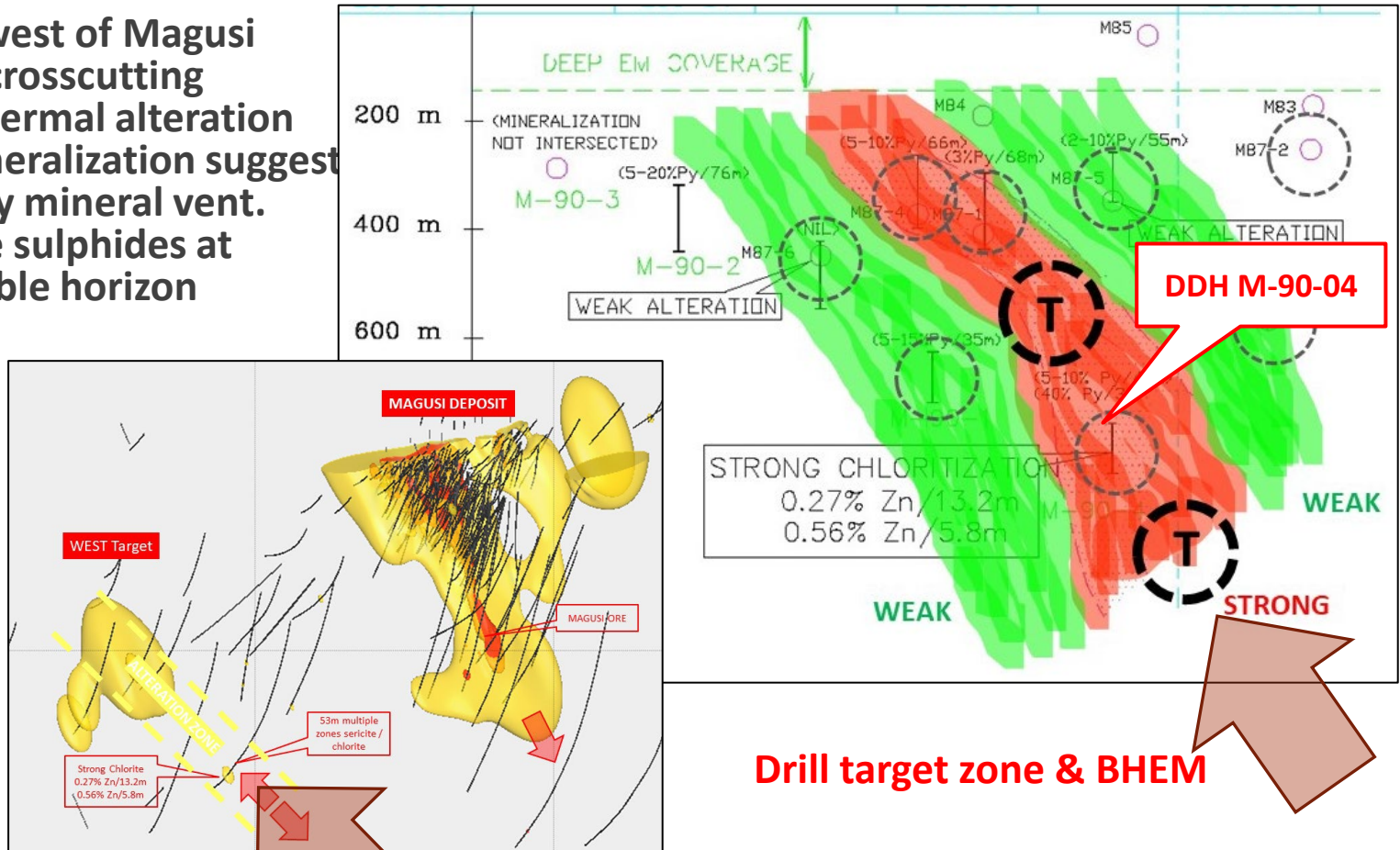


West Zone Target

Crosscutting alteration, copper-zinc anomalies, massive sulphides



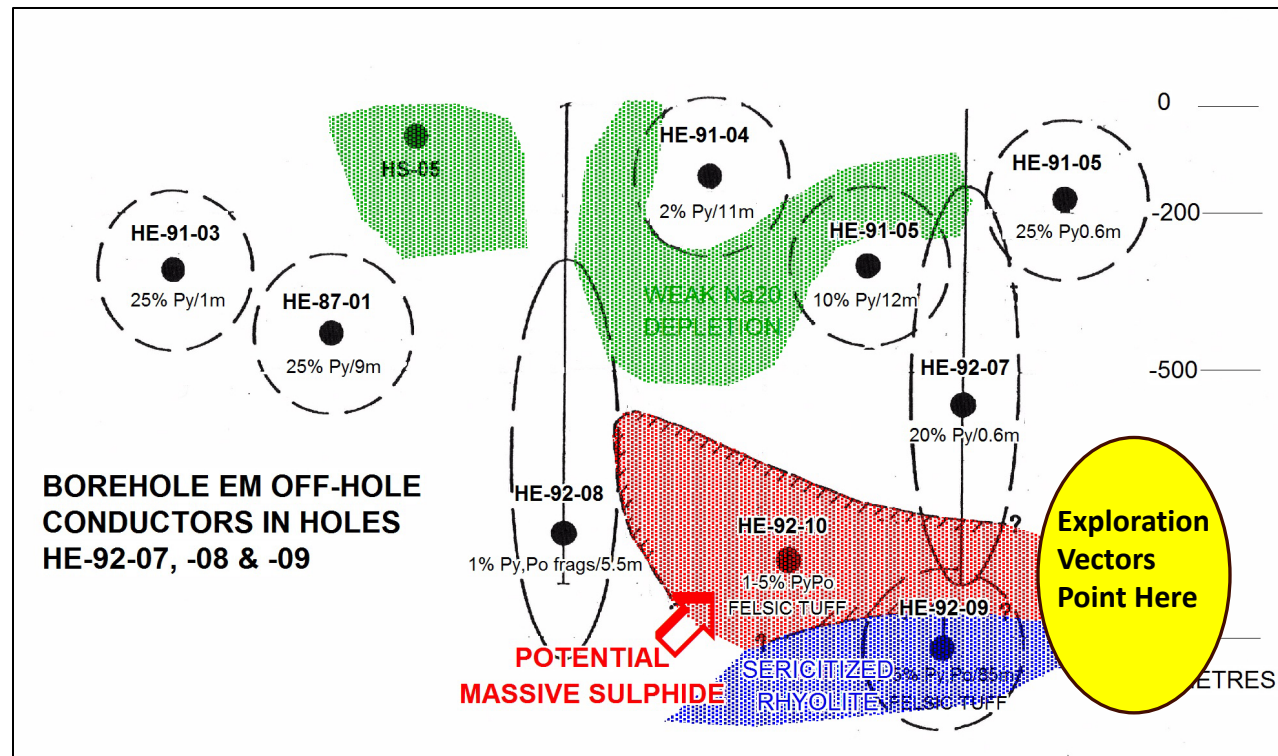
900 m west of Magusi
 Strong crosscutting hydrothermal alteration and mineralization suggest a nearby mineral vent.
 Massive sulphides at favourable horizon



Drill target zone & BHEM

East Zone Target

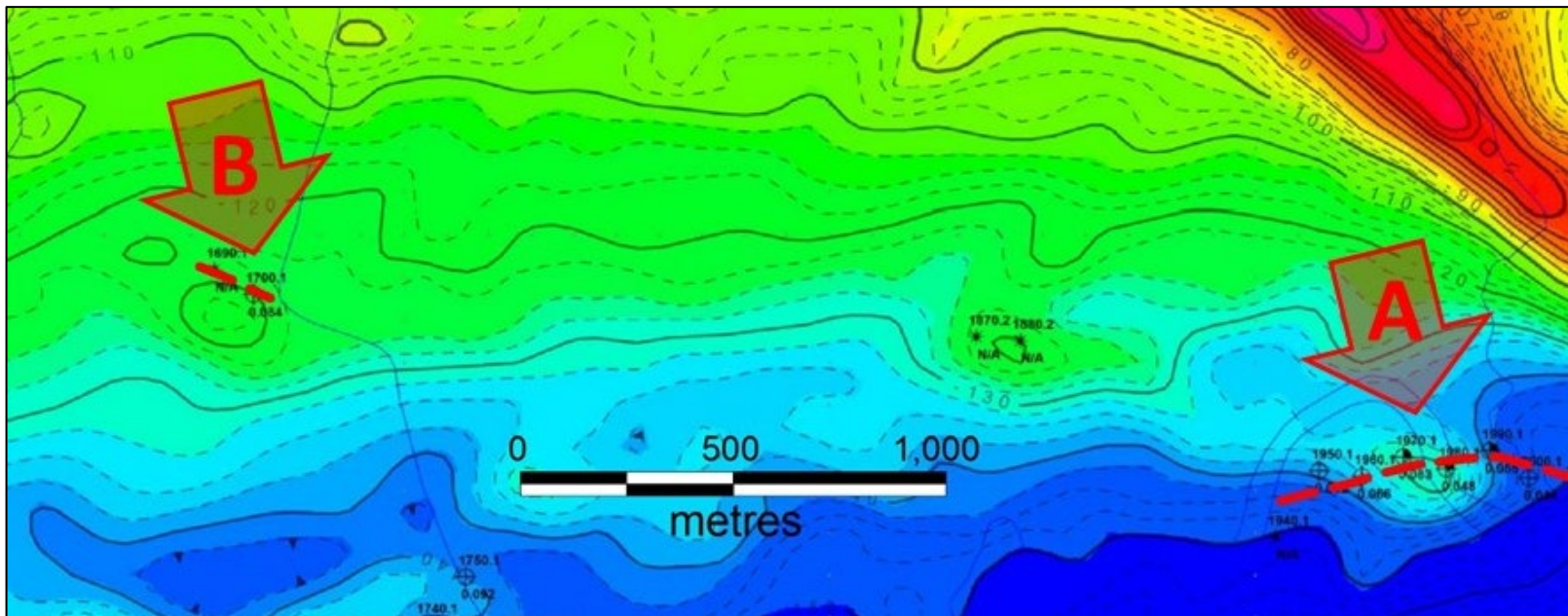
Untested BHEM Anomaly & Assoc. Mineralization



Centered 4km east of the Fabie Bay deposit along favourable horizon. Rhyolite thickens to the east. Limited drilling shows alteration and sulphides. Target Vectors point east of 92-09, below 92-07

Conductors A & B Targets

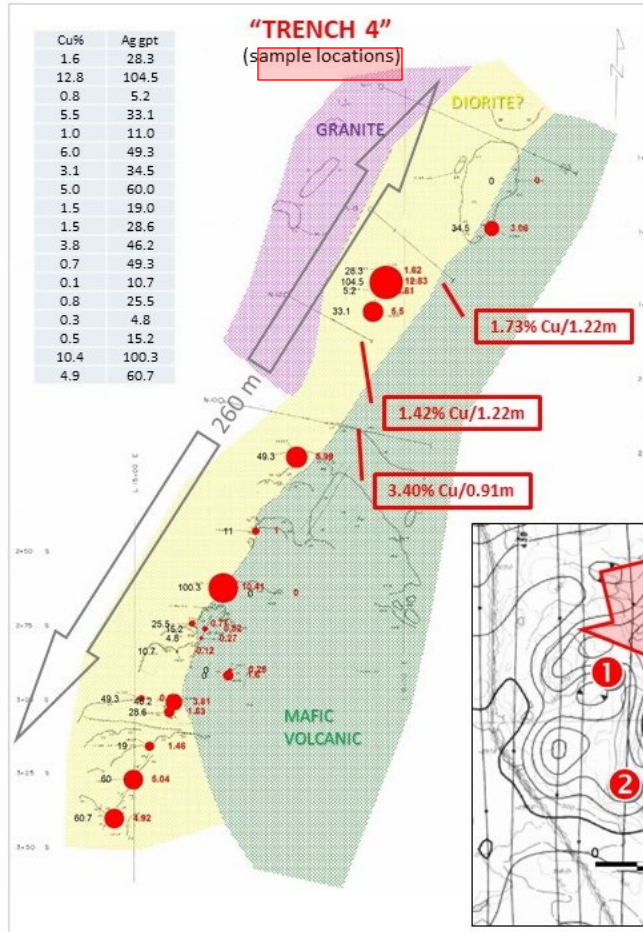
Discrete AEM Targets



Located 1km and 3.6km west northwest of the Magusi Deposit
 Two discrete airborne EM conductors with similar signatures to Magusi and
 Fabie Bay *remain untested*
 Isolated conductors are a high priority target in this terrain

100% - owned Moose Lake Targets

Historical High-Grade Surface Copper & Silver Showings



"Copper and silver form the core of Fabie and Magusi High Grade Mineralization"

TRENCH 1

Cu%
0.7
0.5
0.5
1.0
0.8
0.4

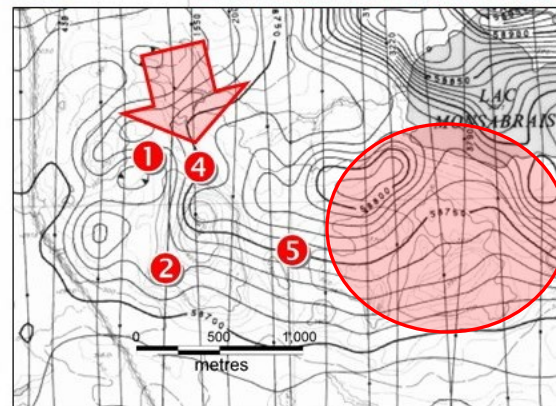
TRENCH 2

Cu%
2.9
2.4
1.9
0.7
1.5
4.4
1.4
0.8

TRENCH 5

Cu%	Ag gpt
0.3	1.5
0.3	1.3
0.8	13.1
3.2	50.3
1.4	28.3
1.0	12.1
0.9	13.1
0.9	13.1
1.4	28.3
0.6	6.2
1.7	23.1
0.4	1.8
2.0	11.0
0.9	5.2
0.1	1.4
0.5	1.4
0.4	2.4
0.2	1.3
0.4	1.7
0.3	2.1
2.4	29.3
3.0	37.2
1.1	26.6
0.4	45.4

Relative Location of Trenched Areas



- Multiple high-grade Cu & Ag in 4 trenches (1, 2, 4 & 5) separated up to 700 metres
- Prospecting, geophysics, drilling planned
- Sample results up to 12.8% Cu, 104.5g/tAg
- Reported from work in 1950's
- Raw prospect, overlooked after the Fabie and Magusi discovered in 1970's