

High Grade Copper and Gold

Significant and immediate growth through the drill bit

- **Building world-class scale** - Already **24.4Mt for 460kt M&I** plus **34.5Mt for 690kt Inferred**
- **Rapid Growth** - Ramping up to 7 drill rigs turning
- **Dominant Position** - A major copper and gold mineral district
- **Exceptional infrastructure** - operational underground, shaft, processing plant, deep water port low-cost hydro power and skilled workforce
- **Canada a Tier one mining jurisdiction**



DISCLAIMER, COMPLIANCE & CAUTIONARY STATEMENTS

This presentation has been prepared by FireFly Metals Ltd (**Company**) based on information from its own and third party sources. No party other than the Company has authorised or caused the issue, lodgement, submission, dispatch or provision of this presentation, or takes any responsibility for, or makes or purports to make any statements, representations or undertakings in this presentation.

To the maximum extent permitted by law, the Company and its related bodies corporate, and their respective directors, officers, employees, agents and advisers:

- (i) disclaim all responsibility and liability (including, without limitation, any liability arising from fault, negligence or negligent misstatement) for any expenses, losses, damages or costs incurred by you (including consequential or contingent loss or damage) arising from this presentation or reliance on anything contained in or omitted from it or otherwise arising in connection with this presentation, including any errors or omissions however caused, lack of accuracy, completeness, currency or reliability, or any reliance you or any other person may place on this presentation or its accuracy, completeness, currency or reliability;
- (ii) disclaim any obligations or undertaking to release any updates or revision to the information in this presentation to reflect any change in expectations or assumptions; and
- (iii) do not make any representation or warranty, express or implied, as to the accuracy, reliability, completeness of the information in this presentation or that this presentation contains all material information about the Company, or that a prospective investor or purchaser may require in evaluating a possible investment in the Company or acquisition of shares in the Company (**Shares**), or likelihood of fulfilment of any Forward-looking Statement (defined below) or any event or results expressed or implied in any Forward-looking Statement.

NO NEW INFORMATION OR DATA – GREEN BAY AND PICKLE CROW PROJECTS

This presentation contains references to the Mineral Resource Estimate at the Green Bay Project which have been extracted from the Company's ASX announcement dated 29 October 2024, titled "Resource increases 42% to 1.2Mt of contained metal at 2% Copper Eq". Refer to Appendix 1 for a full break-down of the Green Bay Mineral Resource Estimate. Also refer to the Technical Reports for the Ming Copper Gold Mine and Little Deer Copper Project available on SEDAR+.

This presentation also contains references to the Inferred Mineral Resource Estimate at the Pickle Crow Project (currently 11.9Mt at 7.2g/t for 2.8Moz gold) which have been extracted from the Company's ASX announcement dated 4 May 2023, titled "High-Grade Inferred Gold Resource Grows to 2.8Moz at 7.2g/t".

Metal equivalents for the Mineral Resource Estimate mineralisation at the Green Bay Project have been calculated at a copper price of US\$8,750/t, gold price of US\$2,500/oz and silver price of US\$25/oz. Individual Resource grades for the metals are set out at Appendix 1 of this presentation. Copper equivalent was calculated based on the formula $CuEq(\%) = Cu(\%) + (Au(g/t) \times 0.82190) + (Ag(g/t) \times 0.00822)$. Metallurgical factors have been applied to the metal equivalent calculation. Copper recovery used was 95%. Historical production at the Ming Mine has a documented copper recovery of ~96%. Precious metal metallurgical recovery was assumed at 85% on the basis of historical recoveries achieved at the Ming Mine in addition to historical metallurgical test work to increase precious metal recoveries.

Metal equivalents for drilling and exploration results have been calculated at a copper price of US\$8,750/t, gold price of US\$2,500/oz, silver price of US\$25/oz and zinc price of US\$2,500/t. Individual grades for the metals are set out at Appendix 1 of this presentation. Metallurgical factors have been applied to the metal equivalent calculation. Copper recovery used was 95%. Historical production at the Ming Mine has a documented copper recovery of ~96%. Precious metal metallurgical recovery was assumed at 85% based on historical recoveries achieved at the Ming Mine in addition to historical metallurgical test work to increase recoveries. Zinc recovery is applied at 50% based on historical processing and potential upgrades to the mineral processing facility. Copper equivalent was calculated based on the formula $CuEq(\%) = Cu(\%) + (Au(g/t) \times 0.82190) + (Ag(g/t) \times 0.00822) + (Zn(\%) \times 0.15038)$.

In the opinion of the Company, all elements included in the metal equivalent calculations have a reasonable potential to be sold and recovered based on current market conditions, metallurgical test work, and the Company's operational experience.

This presentation also contains references to certain Exploration Results that were first reported in accordance with ASX Listing Rule 5.7 in the Company's announcements of 28/01/2020, 26/03/2020, 01/09/2020, 11/11/2020, 19/01/2021, 7/04/2021, 16/06/2021, 15/07/2021, 2/08/2021, 5/10/2021, 2/12/2021, 18/1/2022, 3/5/2022, 23/6/2022, 22/11/2022, 24/1/2023, 31/8/2023, 11/12/2023, 16/1/2024, 4/3/2024, 21/3/2024, 29/4/2024, 19/06/2024, 22/08/2024, 3/09/2024, 16/09/2024, 3/10/2024, 29/10/2024, 10/12/2024 and 12/02/2025.

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original announcements and that, in the case of Mineral Resources, all material assumptions and technical parameters underpinning the mineral resource estimates in the original announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original market announcements.

The Company has made reference to historic drilling and exploration results from a variety of exploration companies over the past 60 years that had previously explored its Projects. References to previous announcements should be read in conjunction with this presentation.

JORC CODE AND NI 43-101

Mineral Resource Estimates and Exploration Results are calculated in accordance with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (**JORC Code 2012**) and Canadian National Instrument 43-101 – Standards of Disclosure for Mineral Projects (**NI 43-101**).

Investors outside of Australia and Canada should note that they may not comply with the relevant guidelines in other countries and, in particular, may not comply with Item 1300 of Regulation S-K, which governs disclosures in registration statements filed with the SEC. Information contained in this presentation describing mineral deposits may not be comparable to similar information made public by companies subject to the reporting and disclosure requirements of US securities laws.

COMPETENT PERSON AND QUALIFIED PERSON STATEMENTS AND DISCLOSURE OF TECHNICAL INFORMATION

The information in this presentation that relates to new Exploration Results that were announced on 12/02/2025 is based on and fairly represents information compiled by Mr Darren Cooke, a Competent Person who is a member of the Australasian Institute of Geoscientists. Mr Cooke is a full-time employee of, and holds securities, the Company. Mr Cooke has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for the Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Cooke consents to the inclusion in this presentation the matters based on his information in the form and context in which it appears.

All technical and scientific information in this presentation has been reviewed and approved by Group Chief Geologist, Mr Juan Gutierrez BSc, Geology (Masters), Geostatistics (Postgraduate Diploma), who is a Member and Chartered Professional of the Australasian Institute of Mining and Metallurgy and a Member of the Australian Institute of Geoscientists. Mr Gutierrez is a Competent Person as defined in the JORC Code 2012 and a Qualified Person as defined in NI 43-101. Mr Gutierrez consents to the inclusion in this presentation the matters based on his information in the form and context in which it appears.

NI 43-101 compliant technical reports for each of the Company's Ming Copper Gold Mine, Little Deer Copper Project and Pickle Crow Gold Project are available under the Company's SEDAR+ profile at www.sedarplus.ca.

FORWARD-LOOKING STATEMENTS

This presentation may contain certain forward-looking statements and forward-looking information concerning the Company, including but not limited to statements and information regarding the Company's plans, forecasts and projections with respect to its mineral properties and programs, estimated Mineral Resources, cost projections, plans, strategies and objectives (**Forward-looking Statements**). Forward-looking Statements may be identified by the use of words such as "may", "might", "could", "would", "will", "expect", "intend", "believe", "forecast", "milestone", "objective", "predict", "plan", "scheduled", "estimate", "anticipate", "continue", or other similar words and may include statements regarding plans, strategies and objectives.

Although the Forward-looking Statements contained in this presentation reflect management's current beliefs based upon information currently available to management and based upon what management believes to be reasonable assumptions, such Forward-looking Statements are estimates for discussion purposes only and should not be relied upon. They are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors many of which are beyond the control of the Company. Such factors may include changes in commodity prices, foreign exchange fluctuations, changes in economic, social and political conditions, and changes to applicable regulation.

Forward-looking Statements are inherently uncertain and involve known and unknown risks and uncertainties. Forward-looking Statements, and anticipated future results, performance or achievements expressed or implied by such Forward-looking Statements, may therefore differ materially from results and performance ultimately achieved by the Company. The performance of the Company may be influenced by a number of factors which are outside the control of the Company and its related bodies corporate and their respective directors, officers, employees, advisers and agents. Forward-looking Statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any Forward-looking Statements provided by the Company, or on behalf of the Company.

Forward looking Statements in this presentation are based on the Company's beliefs, opinions and estimates as of the dates the forward-looking Statements are made, and no obligation is assumed to update Forward-looking Statements if these beliefs, opinions and estimates should change or to reflect other future developments. Although management believes that the assumptions made by the Company and the expectations represented by such information are reasonable, there can be no assurance that the Forward-looking Statements will prove to be accurate and undue reliance should not be placed on Forward-looking Statements.

The Company does not undertake to update any Forward-looking Statements based on new information, future events or circumstances or otherwise, except in accordance with applicable securities laws. No representation, warranty or undertaking, express or implied, is given or made by the Company that any events expressed or implied in any Forward-looking Statements in this presentation will actually occur.

NOT A PROSPECTUS, DISCLOSURE OR OFFERING DOCUMENT

This presentation is not a prospectus, disclosure document or other offering document under Australian law or under any other law. It is provided for information purposes and is not an invitation nor offer of shares or recommendation for subscription, purchase, sale or any other transaction in any jurisdiction. This presentation does not purport to contain all the information that a prospective investor may require in connection with any potential investment in the Company. Each recipient must make its own independent assessment of the Company before acquiring any Shares.

NOT INVESTMENT ADVICE

Each recipient of the presentation should make its own enquiries and investigations regarding all information in this presentation including but not limited to the assumptions, uncertainties and contingencies which may affect future operations of the Company and the impact that different future outcomes might have on the Company. Information in this presentation is not intended to be relied upon as advice to investors or potential investors and has been prepared without taking account of any person's individual investment objectives, financial situation or particular needs. Before making an investment decision, prospective investors should consider the appropriateness of the information having regard to their own investment objectives, financial situation and needs and seek legal, accounting and taxation advice appropriate to their jurisdiction. The Company is not licensed to provide financial product advice in respect of its securities.

INVESTMENT RISK

There are a number of risks specific to the Company and of a general nature which may affect the future operating and financial performance of the Company and the value of an investment in the Company, including and not limited to the Company's capital requirements, the potential for shareholders to be diluted, risks associated with the reporting of mineral resource estimates, budget risks, and operational risks. An investment in Shares is subject to known and unknown risks, some of which are beyond the control of the Company. The Company does not guarantee any particular rate of return or the performance of the Company. Investors should have regard to the risk factors outlined in the most recent prospectus published by the Company when making an investment decision.

NOT FOR UNITED STATES RELEASE AND DISTRIBUTION

This presentation may not be released to US wire services or distributed in the United States. Shares have not been, and will not be, registered under the US Securities Act of 1933 and may not be offered or sold in the United States except in transactions exempt from, or not subject to, the registration requirements of the US Securities Act and applicable US state securities laws. The distribution of this presentation in the United States and elsewhere outside Australia may be restricted by law. Persons who come into possession of this presentation should observe any such restrictions as any non-compliance could contravene applicable securities laws.

FINANCIAL DATA

All dollar values are in Australian dollars (A\$ or AUD) unless otherwise stated. The information contained in this presentation may not necessarily be in statutory format. Amounts, totals and change percentages are calculated on whole numbers and not the rounded amounts presented.

Investment Highlights

Rapid low cost growth through the drill bit = a proven strategy for value creation



GREEN BAY COPPER GOLD

- **High grade copper and gold** in Newfoundland Labrador, Canada
- Large scale, high grade and open **1.2Mt contained metal at 2% copper equivalent**¹ (M&I of 24.4Mt for 460kt contained metal at 1.9% and Inf of 34.5Mt for 690kt contained metal at 2% copper equivalent¹)
- **A\$250M** of mine infrastructure
- **Significant and immediate growth drilling 130,000m in 2025**



PICKLE CROW GOLD

- **High grade gold** in Ontario, Canada
- **2.8Moz @ 7.2g/t gold** resource
- Inferred resource remains **open**
- Significant landholding with huge **exploration upside**
- A major gold **mining district**



PROVEN TRACK RECORD

- Management team with a **proven track record of creating significant value for shareholders** and stakeholders
- Recent success with ASX200 Bellevue Gold from discovery to production in only 5 years
- **Well-funded** with **~A\$68.5M** cash, receivables and liquid investments²

Exceptional Share Register and Strong Balance Sheet



Well-funded to deliver strong velocity of news flow through 2025

CAPITAL STRUCTURE

CURRENT

Shares on issue	574.4M ¹
Management performance rights	36.1M ²

A\$0.89

Current Share Price¹

~A\$514M

Market Capitalisation¹

SHAREHOLDER SUMMARY³

Board & Management (fully diluted)	10%
Australian & Global Institutions	62%
BlackRock Group	13%

2.2M

Average Daily Volume⁴

~A\$68.5M

Cash Position⁵

GLOBAL BANKING & RESEARCH



No Debt

**No Offtake
No Streams**

1. As at 13 May 2025. 2. Management performance rights are unlisted. 3. As at 30 April 2025. 4. From 1 July 2024. 5. Cash, receivables and liquid investment position at 31 March 2025.

Board and Management

A Leadership team with proven success in the Resources Sector



Kevin Tomlinson

Independent Non-Executive Chair

Non-Executive Independent Chair of **Bellevue Gold (ASX200)**, former Chair of **Cardinal Resources** and Non-Executive director of **Centamin PLC**.

Highly experienced mining executive with over 40 years' experience across geology, investment banking and M&A in multiple jurisdictions including Canada, Australia, Africa and the UK.

Previous Managing Director of Investment Banking at **Westwind Partners** and **Stifel Nicolaus**.



Steve Parsons

Managing Director

Founder and Previous Managing Director and current Non-Executive director of **Bellevue Gold (ASX 200)** and previous founder and Managing Director **Gryphon Minerals (ASX 200)**.

Experienced geologist with a proven track record of mineral discoveries, corporate growth, international investor relations and creating shareholder wealth.



Michael Naylor

Executive Director

Non-Executive Director of **Bellevue Gold (ASX200)** and former Non-Executive Director of **Cygnus Metals**.

27 years' experience in corporate advisory and public company management since commencing his career and qualifying as a chartered accountant.

Involved in the financial management of mineral and resources focused public companies serving on the board and in the executive management teams.



Renée Roberts

Independent Non-Executive Director

Previously held C-Suite and director roles at large corporations including **National Australia Bank**, **QBE** and **Bank of New Zealand** as well as at the **Australian Prudential Regulatory Authority (APRA)**.

Finance professional with considerable experience in risk management, financial services, governance, regulation, business transformation and growth, efficiency, strategic leadership, strategy development and execution.

Currently the Chief Risk Officer at Judo Bank and Director of **Collingwood Football Club**.



Darren Cooke

Chief Executive Officer

Previously held senior positions with **Northern Star Resources**, **Newmont Mining** and **Barrick Gold**.

Geologist with over 27 years' experience. Extensive gold industry experience in Australia and North America spanning regional and near mine exploration, production geology, engineering planning and corporate development.

Previous positions include Kalgoorlie district geology manager for **Barrick Gold** and Principal Geologist – Business Development for **Northern Star Resources**.



Jessie Liu-Ernsting

Chief Corporate Development Officer

VP investor relations at **G Mining Ventures Corp (TSX:GMIN)**. Director of the **Prospectors & Developers Association of Canada (PDAC)**.

Previously has held senior technical, financial and strategic positions at **Hudbay Minerals Inc (NYSE:HBM)**, global investment fund **Resource Capital Funds** and engineering groups **Hatch** and **Golder Associates** as well as investment banking at **CIBC Capital Markets**.

Ms Liu-Ernsting is also experienced in areas of corporate board audit, compensation, technical and special committees.

An Exceptional High-Grade Orebody

Two separate mineralised copper and gold zones at the mine

High Grade Upper Copper & Gold VMS Zones

- **10.7m @ 12.2% CuEq (9.0% Cu & 3.6g/t Au)** MUG24_095
- 5.4m @ 12.2% CuEq (8.6% Cu & 4.0g/t Au) MUG24_023
- 3.2m @ 11.8% CuEq (2.9% Cu & 10.4g/t Au) MUG23_037
- 26.0m @ 8.2% CuEq (6.1% Cu & 2.4g/t Au) MUG23_030
- 13.5m @ 7.6% CuEq (5.3% Cu & 2.6g/t Au) MUG23_029
- 14.7m @ 7.5% CuEq (2.6% Cu & 5.5g/t Au) MUG23_004
- **17.3m @ 7.4% CuEq (7.0% Cu & 0.4g/t Au)** MUG24_089
- 7.0m @ 7.4% CuEq (4.4% Cu & 2.7g/t Au) MUG24_038
- 17.8m @ 6.6% CuEq (4.4% Cu & 2.2g/t Au) MUG23_003
- 46.4m @ 5.6% CuEq (4.6% Cu & 1.2g/t Au) MUG23_006
- 9.1m @ 5.4% CuEq (3.1% Cu & 2.4g/t Au) MUG24_018
- **22.2m @ 5.1% CuEq (2.1% Cu & 4.1g/t Au)** MUG24_058

Broad Footwall Copper Stringer Zone

- **86.3m @ 3.7% CuEq (3.1% Cu & 0.6g/t Au)** MUG24_079
- **31.7m @ 3.5% CuEq (3.4% Cu & 0.1g/t Au)** MUG24_063
- **58.2m @ 3.1% CuEq (2.4% Cu & 0.7g/t Au)** MUG24_083
- **76.3m @ 2.9% CuEq (2.4% Cu & 0.5g/t Au)** MUG24_073
- **19.5m @ 3.0% CuEq (2.7% Cu & 0.3g/t Au)** MUG25_040
- 56.8m @ 2.7% CuEq (2.5% Cu & 0.1g/t Au) MUG24_058
- 47.1m @ 2.4% CuEq (2.3% Cu & 0.2g/t Au) MUG23_014
- 63.1m @ 2.2% CuEq (2.0% Cu & 0.1g/t Au) MUG24_004
- 51.0m @ 2.2% CuEq (2.1% Cu & 0.1g/t Au) MUG24_009
- 43.2m @ 2.2% CuEq (2.1% Cu & 0.1g/t Au) MUG24_041

NOTE:

Intersections highlighted in red are recent drill releases

FireFly Metals Introduction Video

View the full video via the link: <https://vimeo.com/1055831730>

Welcome to
**the NEW copper hotspot of
North America**

Newfoundland, Canada

(49°54'46"N to 56°4'51"W)

Original use only

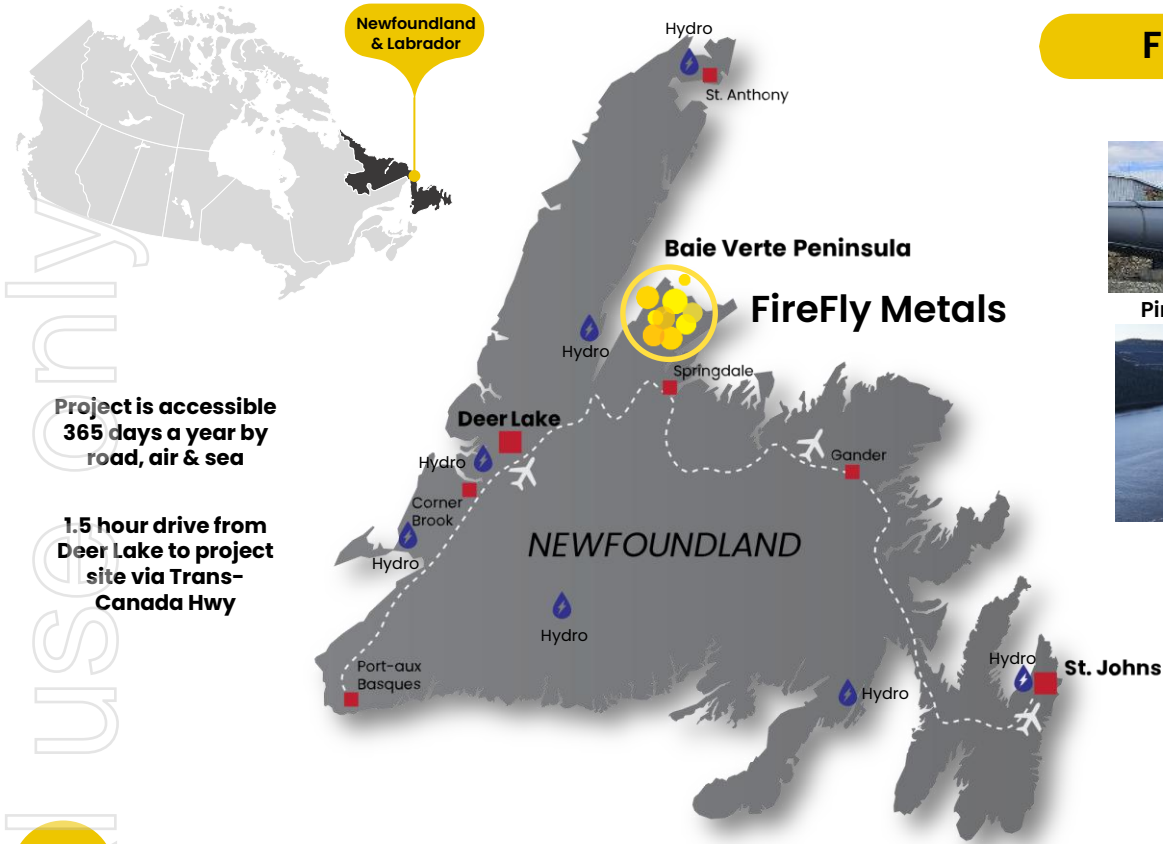
Newfoundland – A Maritime and Mining Province

A True Tier 1 Mining Jurisdiction



Internal use only

Newfoundland – A Maritime and Mining Province



Project is accessible
365 days a year by
road, air & sea

1.5 hour drive from
Deer Lake to project
site via Trans-
Canada Hwy



1. Data Source: Statista Distribution of gross domestic product of Newfoundland and Labrador, Canada in 2021 by industry

FireFly Metals Green Bay Operations

Ming Copper Mine



Pine Cove Deepwater Port

Fully Operational Mine



True Tier 1 Mining Jurisdiction

- Strong government support
- Rated Top 10 2023 Fraser Institute
- Skilled mining workforce readily available
- Track record of expedited mine permitting
 - Mining sector contributes +32% to GDP¹
- **Hydro Power abundant throughout Newfoundland**

Fully Operational Underground Mine

- **Underground drilling ~130,000m programme 2025**
- **6x drill rigs operating (resource growth & infill)**
- **New underground drill drive with multiple drill platforms**
- **Exceptional geotechnical ground conditions**
- **Decline accessible to 950m & Shaft to 630m (6mx3m)**
- **Dewatered & ventilated**
- **Mine operations permitted**

Massive Sulphide High-Grade Copper-Gold

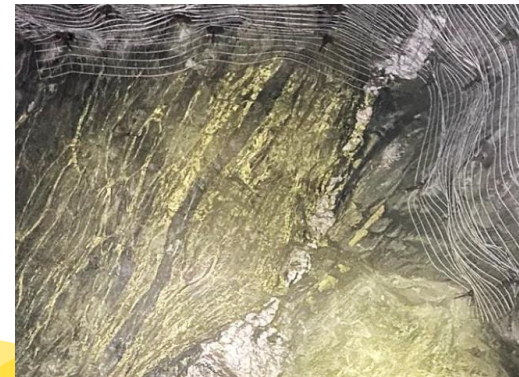
Excellent Underground Conditions (~15 metre wide development at 800 level)



Development Drive



High-Grade Development Face



Legend

- Towns/Cities
- Hydro Power Station
- ✈ Airport
- Highway
- 🚢 Pine Cove Deep Water Port

View the full video on our website via the link:
<https://fireflymetals.com.au/green-bay-copper-gold-project/>



Port aux Basques

Corner Brook

Deer Lake

Springdale

Gander

St. Anthony

St. John's

430

410

1

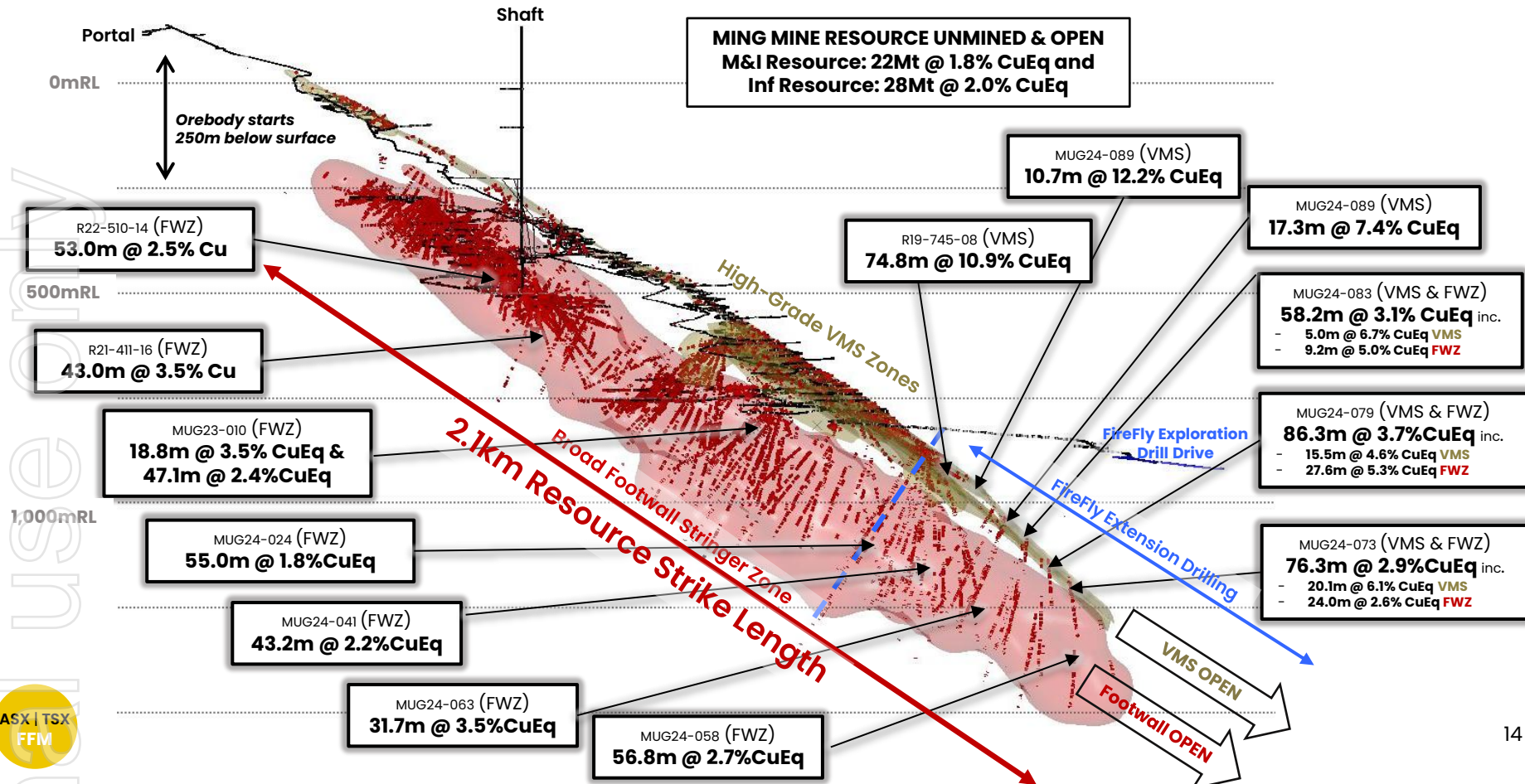
0 50 100 km



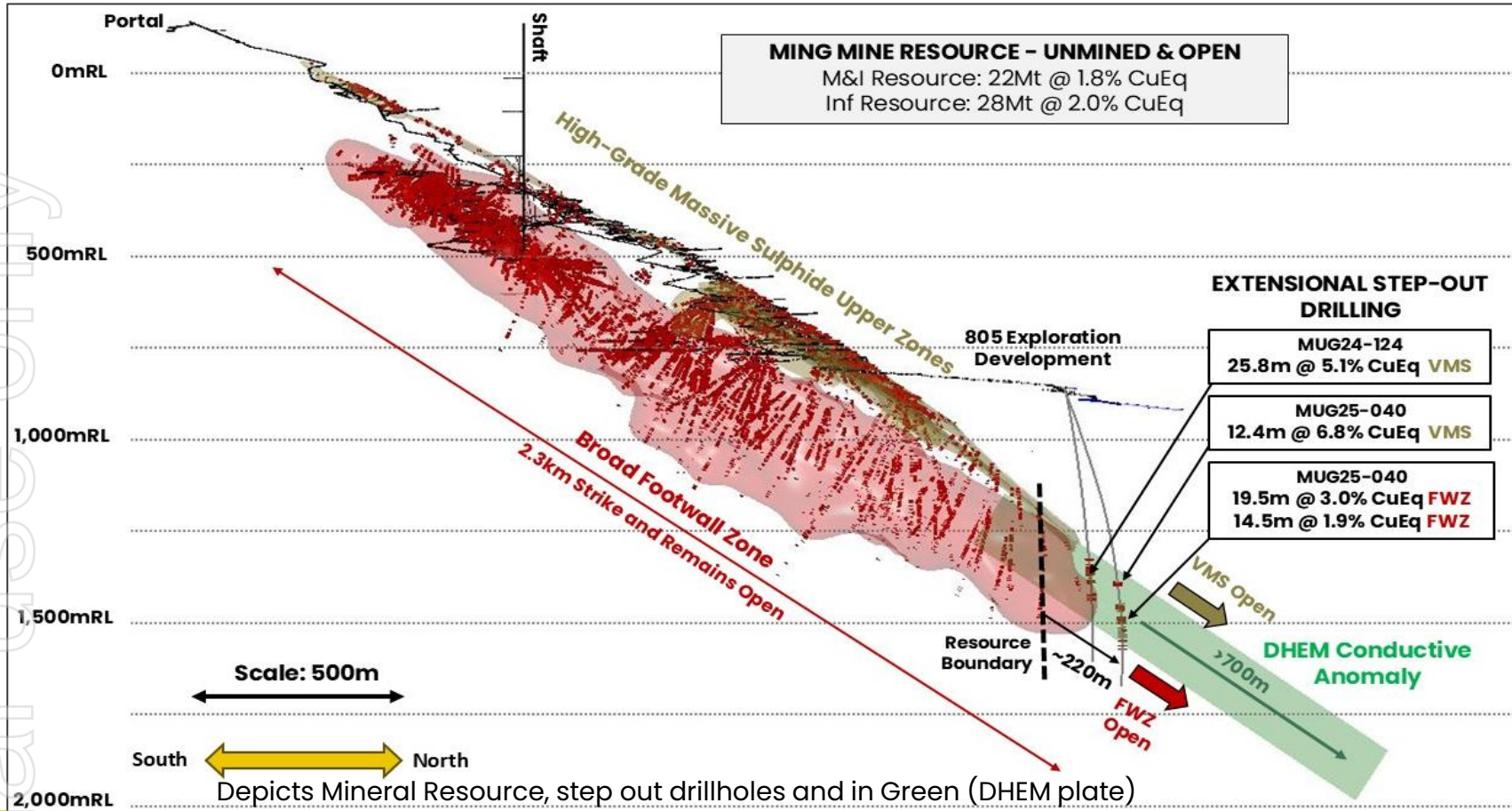
Internal use only

A Large-Scale Copper Gold VMS System

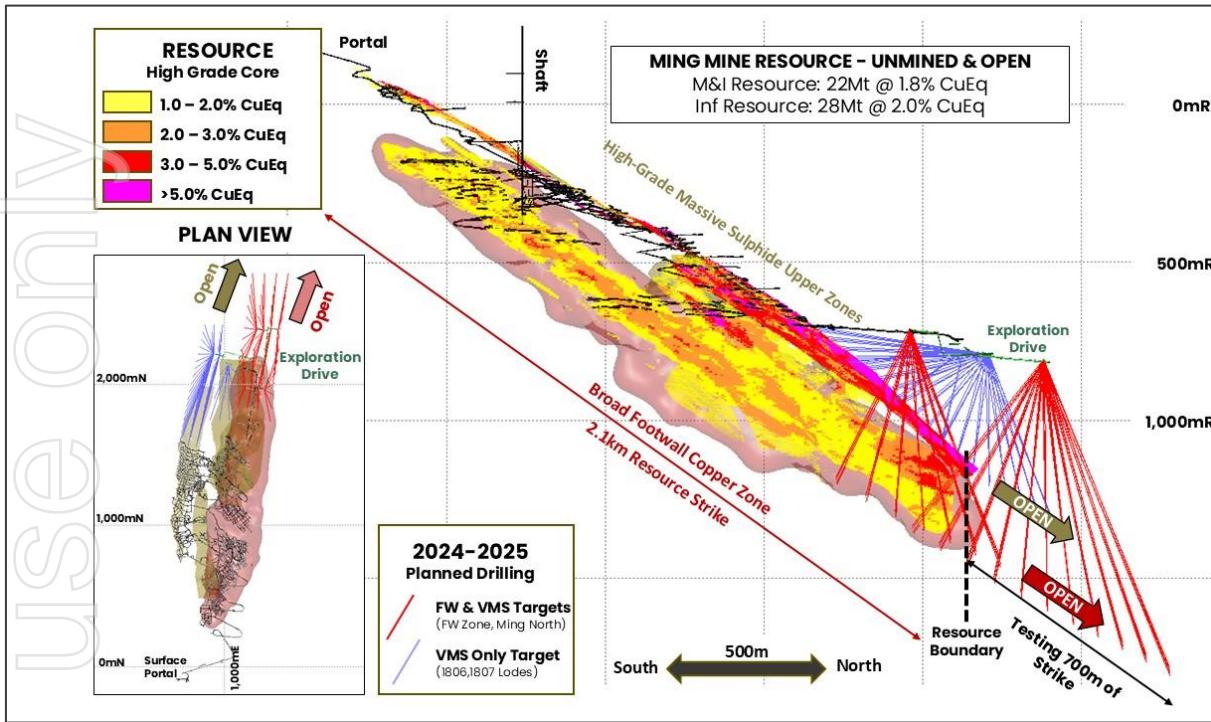
High Grade VMS (Cu+Au) Zones and a Broad Footwall Stringer (Cu) Zone



Strong Down Hole Electromagnetic (DHEM) Conductor Extending more than 700 metres beyond the extent of current drilling



Drilling throughout 2025: Low-cost step-out growth, High value-add Infilling, Discoveries



Continued rapid growth in 2025:

- Phase 2 drilling underway with 5 (moving to 6) x underground drill rigs:
 - ✓ Step-out of high-grade VMS zones (currently 6Mt @ 4.3% CuEq and remains OPEN)
 - ✓ Step-out of large scale FWZ zone
 - ✓ Infill drilling (high value add M&I)
 - ✓ Geophysical discovery drilling targeting new and parallel lodes in addition to step-out growth
- Resource updates & Mining Studies in 2H 2025

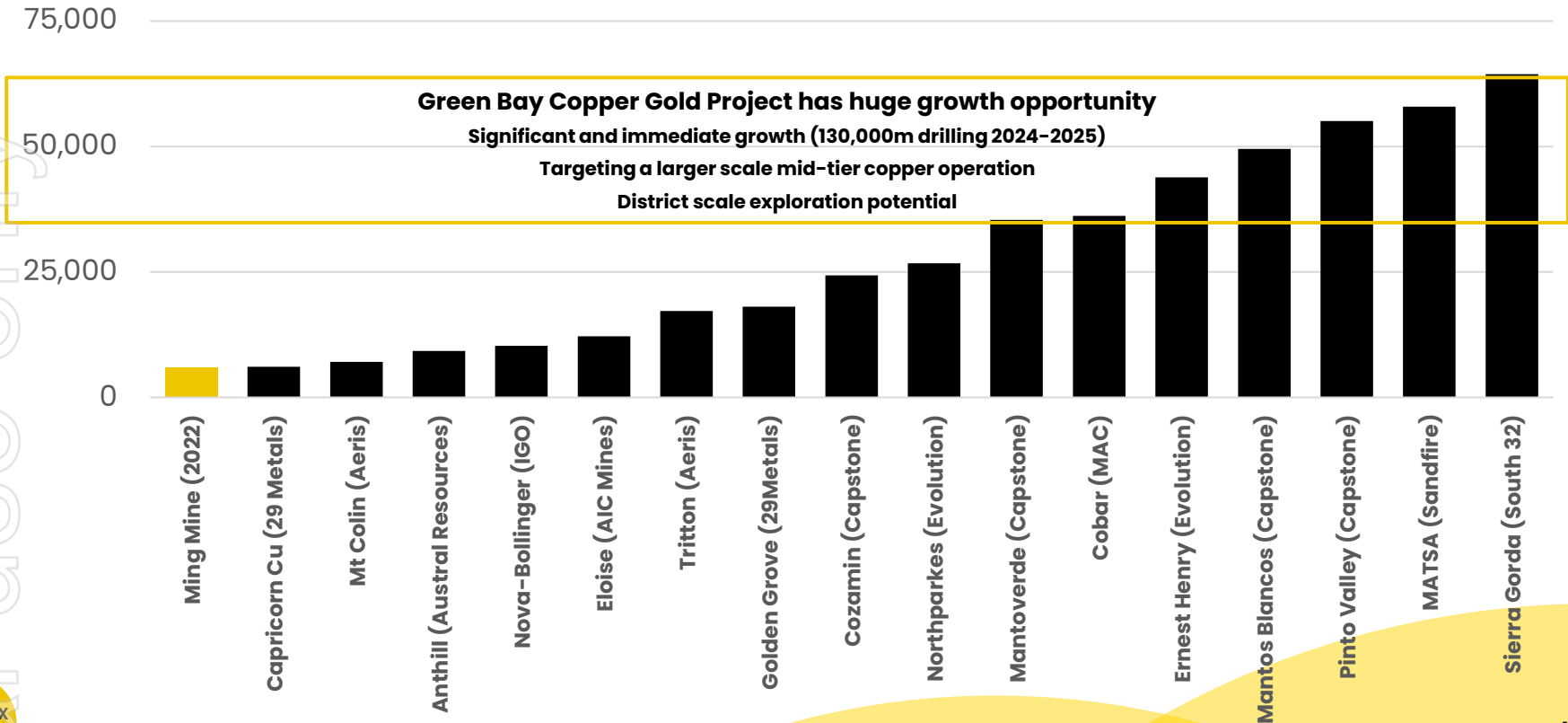
Planned 2024-2025 Resource extension drilling at the Ming mine. This is expected to add additional high-grade VMS as well as broad footwall stringer extensions to the Resource. Note that new discovery drilling and infill drilling is not shown on this image, only extension drilling.

A Lack of Copper Opportunities on the ASX

Very few ASX-listed companies with over 30,000 tonnes of attributable copper production 2023-2024

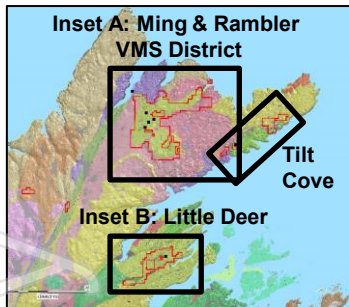


COPPER PRODUCTION - TONNES
CY 2023 Actual - ASX^{1,2,3,4}



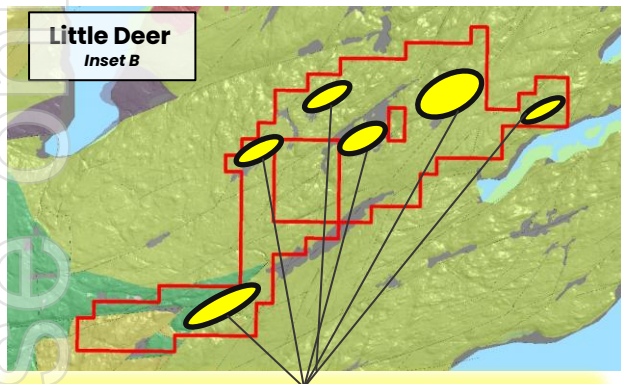
1. Please see Appendix 4 for original source data for production information. 2. Please note that this graph depicts actual copper production information and is not a representation of mineral resources nor ore reserve estimates. All noted assets were therefore in production at the time. 3. The Ming Mine production data is from 2022. The Ming Mine is currently under care and maintenance. 4. Excludes assets with production over 100kt of copper.

A District Scale VMS Camp



Multiple walk-up targets within only 25km of mine and infrastructure

Drilling and surface geophysics underway

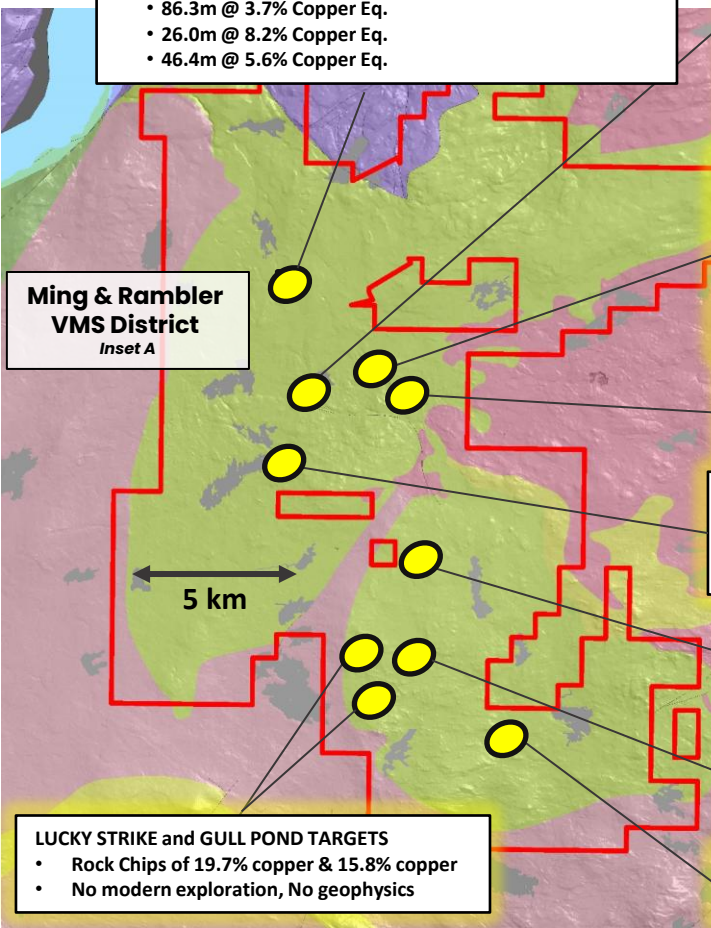


MING MINE & INFRASTRUCTURE (mined 1975-current)

- Current Resource of 400kt M&I plus 580kt Inf CuEq metal.
- Mineralisation remains Open
- Recent drill results include:
 - 86.3m @ 3.7% Copper Eq.
 - 26.0m @ 8.2% Copper Eq.
 - 46.4m @ 5.6% Copper Eq.

RAMBLER MAIN MINE (mined 1964-67)

- Only mined to ~200m below surface
- Mineralisation remains Open
- Limited exploration, No geophysics
- Drill results include:
 - 25m @ 4.7g/t gold & 0.24% copper
 - 6.9m @ 14.2g/t gold & 0.27% copper
 - 4.7m @ 12.9g/t gold & 0.50% copper
 - 10.1m @ 7.6g/t gold & 0.60% copper



RAMBLER EAST COPPER MINE (mined 1967-74)

- Only mined to ~300m below surface
- Mineralisation remains Open
- Limited exploration, No geophysics
- Drill results include:
 - 13m @ 1.50% copper
 - 21m @ 1.20% copper

L5 COPPER GOLD TARGET

- Historical drill hole of 9.3m @ 1.3% copper
- Limited exploration, No geophysics

RAMBLER BIG POND MINE (mined 1970-71)

- Historic Copper production at 1.2% copper
- Mineralisation remains open
- Limited exploration, No geophysics

GOLD-IN-TILL TARGET

- Large scale ~2km by 1km anomaly
- Results of 23.3g/t gold & 13.4g/t gold
- UNTESTED, No drilling

LEVER TAUCH TARGETS

- Rock Chips of 27% copper
- No modern exploration, No geophysics

LUCKY STRIKE and GULL POND TARGETS

- Rock Chips of 19.7% copper & 15.8% copper
- No modern exploration, No geophysics

TWIN POND TARGET

- Rock Chips of 33.4g/t gold & 227.1g/t Ag

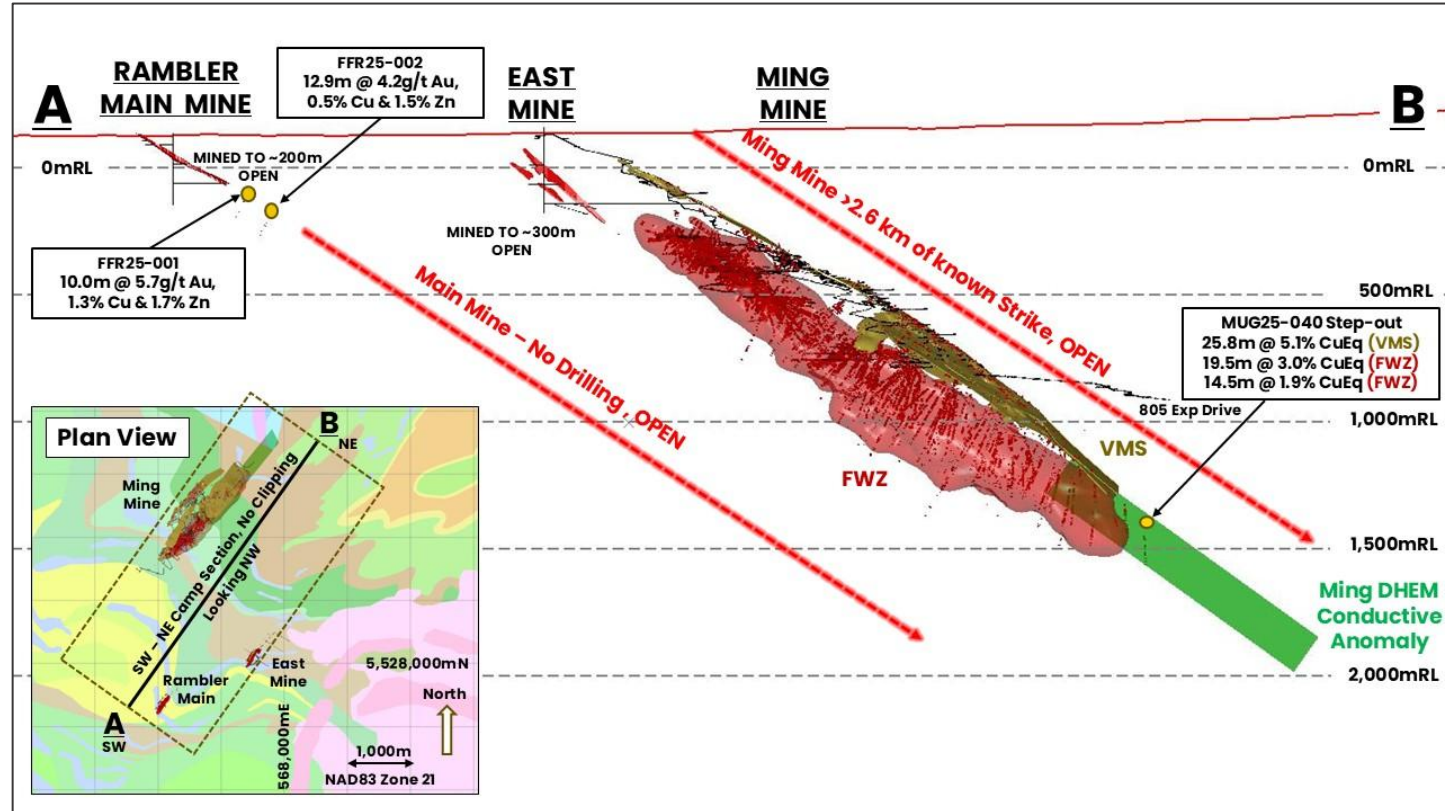
LITTLE DEER & WHALESBACK MINING CENTRE (mined 1960-72)

- Current resource of 9.1Mt @ 1.91% Copper Eq.
- Only mined to ~250m below surface
- Mineralisation remains Open
- Limited modern exploration, Numerous regional targets
- Drill results include:
 - 19.6m @ 4.1% copper
 - 46.0m @ 2.5% copper
 - 8.6m @ 6.45% copper

Maiden Regional Drilling Intercepts High Grade Gold & Copper

'Look-alike' to the adjacent Ming Mine

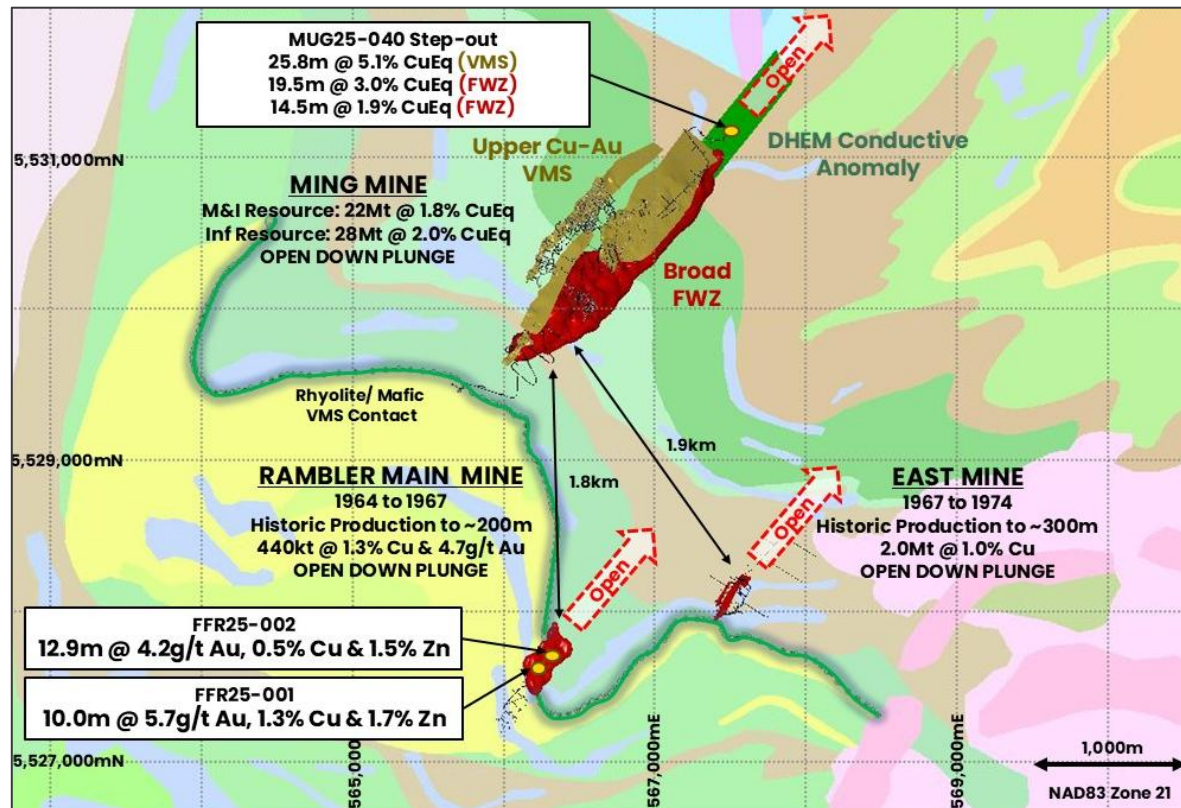
- Maiden diamond drilling at Rambler Main - the first regional target
- 10.0m @ 6.4% CuEq (5.7g/t Au, 1.3% Cu, 1.7% Zn & 20.9g/t Ag) ~ true thickness
- 12.9m @ 4.3% CuEq (4.2g/t Au, 0.5% Cu, 1.5% Zn & 10.9g/t Ag) ~ true thickness
- Shallow and OPEN
- Step-out growth drilling underway - HOW BIG COULD THIS BE?



Multiple Targets Adjacent to Copper & Gold Ming Mine

Potential for another Ming.....?

- Multiple high priority regional targets to be drill tested over coming weeks through 2025
- Rambler Main Mine drill results show similar style mineralisation to adjacent Ming Mine
- All targets are shallow (~200m depth) and OPEN
- Significant Gold as well as Copper and Zinc
- Further drilling underway
- Rambler and East Mines are only 2km from the Ming Mine; Easy trucking to future mine infrastructure



Rapid Resource and Mine Growth Over Next 12 Months



Well-funded for significant velocity of news flow through 2025




Milestone ¹	Q4 23	Q1 24	Q2 24	Q3 24	Q4 24	Q1 25	Q2 25	Q3 25	Q4 25
2024 – 2025 PROGRAM									
Green Bay Project Acquisition <i>15 Oct 2023</i>	✓								
UG Drill Drive Phase 1 750m (completed)		✓	✓						
UG Drill Drive Phase 2 ~750m (commenced)			✓	✓	✓	✓	✓	✓	✓
UG Resource Drilling x5 rigs 130,000m underway	✓	✓	✓	✓	✓	✓	✓	✓	✓
Resource Updates			✓	✓				✓	✓
Geophysical targeting			✓	✓	✓	✓	✓	✓	✓
Discovery near mine drilling New and geophysical targets			✓	✓	✓	✓			
Regional targeting Geophysics, mapping, drilling			✓	✓	✓	✓			
Upscaled Production & Engineering Studies								✓	✓

2025 Key Deliverables

- Underground development drill drive Phase 1 – 750m completed, Phase 2 – extension underway for a further ~750m (~ 1,500m total)
- 6 x underground drill rigs targeting resource growth ~130,000m (~79,200m completed)
- Geophysical electromagnetic surveys underway and ongoing to identify new ‘walk-up’ near mine drill targets
- Regional targeting commenced utilising geophysics, mapping and surface drilling (1 x rig drilling)
- Upscaled mine production & engineering studies underway

¹ Please note that timeframes are indicative and may be subject to change



	GREEN BAY 	McILVENNA BAY F O R A N	COBAR 	ERNEST HENRY 
Location	Newfoundland, Canada	Saskatchewan, Canada	NSW, Australia	Queensland, Australia
Stage	Pre-Development	Development	Production	Production
Resource for Copper^{1,3}	M&I : 24.4Mt @ 1.7% for 400kt Cu Inf: 34.5Mt @ 1.7% for 600kt Cu	M&I : 39.1Mt @ 1.2% for 470kt Cu Inferred: 5.1Mt @ 0.94% for 50kt Cu	M&I : 16.5Mt @ 4.7% for 780kt Cu Inferred: 3.6Mt @ 5.4% for 190kt Cu	M&I : 70.0Mt @ 1.3% for 910kt Cu Inferred: 31.5Mt @ 1.15% for 360t Cu
	Co-products Au, Ag Proportional Metal 88% Copper 12% Coproducts	Co-products Zn, Pb, Au, Ag Proportional Metal 51% Copper 49% Coproducts	Co-products Ag Proportional Metal 97% Copper 3% Coproducts	Co-products Au Proportional Metal 70% Copper 30% Coproducts
Annual Production²	Upscaled Restart Studies in Progress	DFS Milled Grade Metal 1.51Mt 1.23% Cu ave 16,000t Cu avg	2024F Mined Grade Metal 1.2Mt 3.3% Cu 39,700t Cu	FY23A Milled Grade Metal 5.8Mt 0.8% Cu 47,348t Cu
Mine Infrastructure²	950m decline and shaft (6m x 3m)	Yet to be built	~1,900m decline and shafts	~1,000m shaft only (6m x 6m)
Acquisition Cost²	A\$0.065B (Oct 2023)	N/A (1998)	A\$1.5B (June 2023)	A\$1.9B (Nov 2016 and Nov 2021)

1. Please see Appendix 1 for details of the Green Bay mineral resource estimate.
2. Please see Appendix 5 for source references for McIlvenna Bay (Foran), Cobar (Metals Acquisition Corp.) and Ernest Henry (Evolution Mining) production and feasibility results noted in the above table.
3. Please refer to Appendix 6 for details on the McIlvenna Bay, Cobar and Ernest Henry mineral resource estimates, including breakdown of resource and reserve categories.

A Game Changing Catalyst Rich High-Grade Opportunity



Board & Management Team with a Proven Track Record of Creating Shareholder Wealth

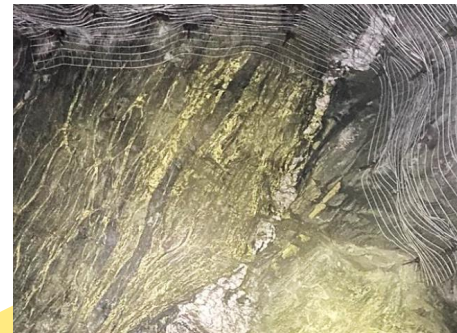
Strong Cash Position of A\$68.5 Million¹ for Growth Throughout 2025

GREEN BAY COPPER & GOLD PROJECT

- A fully operational underground mine in tier one mining jurisdiction
- Large high-grade resource that is growing
- Drilling for growth & further discovery (130,000m drilling 2024-25)
- Significant mine upscaling underway for a mid-tier copper operation
- **A\$250M of Infrastructure a huge head start** (UG mines, shaft, declines, processing plant, deep water port, camp and hydro power)

PICKLE CROW GOLD PROJECT

- High-grade shallow 2.8Moz @ 7.2g/t gold inferred resource – OPEN
- Significant regional scale land holding with huge growth opportunity



Supplementary Information



- Appendix 1. **Green Bay Mineral Resources**
- Appendix 2. **Green Bay Project – Further Information**
 - Significant Value Drivers Throughout 2025 “5 in 2025”
 - The Ingredients are already in place for a substantial Copper Mine
 - Existing Infrastructure = Lower Capex and Rapid Start-up
 - Ground Conditions and Mining Depth
 - Deposit Geological Model
 - Recent Drilling
 - A Large Scale Copper Gold VMS System
 - Long section
 - Plan view of drilling and DHEM
- Appendix 3. **Pickle Crow Gold Deposit 2.8Moz @ 7.2g/t Gold**
- Appendix 4. **2023 Copper Production Data References** (Slide ‘A Lack of copper opportunities on the ASX’)
- Appendix 5. **External Company References & Source Data** (Slide ‘Green Bay Copper & Gold – A Company Making Project’)
- Appendix 6. **External Company Resources & Reserves** (Slide ‘Green Bay Copper & Gold – A Company Making Project’)
- Appendix 7. **Deposit information for projects referred to in slide titled ‘Excellent Ground Conditions’**

Appendix 1 – Green Bay Mineral Resources¹

Ming Deposit Mineral Resource Estimate

	TONNES	COPPER		GOLD		SILVER		CuEq
	(Mt)	Grade (%)	Metal ('000 t)	Grade (g/t)	Metal ('000 oz)	Grade (g/t)	Metal ('000 oz)	Grade (%)
Measured	4.7	1.7	80	0.3	40	2.3	340	1.9
Indicated	16.8	1.6	270	0.3	150	2.4	1,300	1.8
TOTAL M&I	21.5	1.6	340	0.3	190	2.4	1,600	1.8
Inferred	28.4	1.7	480	0.4	340	3.3	3,000	2.0

Little Deer Deposit Mineral Resource Estimate

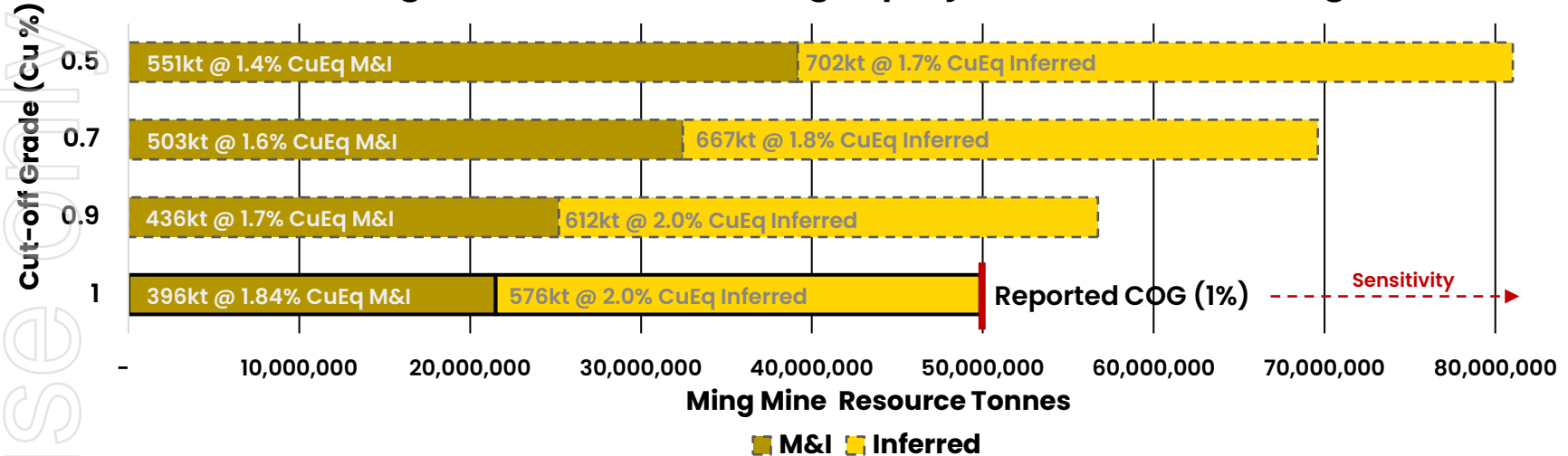
	TONNES	COPPER		GOLD		SILVER		CuEq
	(Mt)	Grade (%)	Metal ('000 t)	Grade (g/t)	Metal ('000 oz)	Grade (g/t)	Metal ('000 oz)	Grade (%)
Measured	-	-	-	-	-	-	-	-
Indicated	2.9	2.1	62	0.1	9	3.4	320	2.3
TOTAL M&I	2.9	2.1	62	0.1	9	3.4	320	2.3
Inferred	6.2	1.8	110	0.1	10	2.2	430	1.8

GREEN BAY TOTAL MINERAL RESOURCE ESTIMATE

	TONNES	COPPER		GOLD		SILVER		CuEq
	(Mt)	Grade (%)	Metal ('000 t)	Grade (g/t)	Metal ('000 oz)	Grade (g/t)	Metal ('000 oz)	Grade (%)
Measured	4.7	1.7	80	0.3	45	2.3	340	1.9
Indicated	19.7	1.7	330	0.2	154	2.6	1,600	1.9
TOTAL M&I	24.4	1.7	400	0.3	199	2.5	2,000	1.9
Inferred	34.5	1.7	600	0.3	348	3.1	3,400	2.0

Ming Mine Mineral Resource Sensitivity

The Ming Mine¹ is an even larger project at lower cutoff grades



Appendix 2 – Green Bay Project Further Information



Copper-rich outcrop at FireFly's newly acquired Tilt Cove project



Twin boom jumbo at the Ming Mine

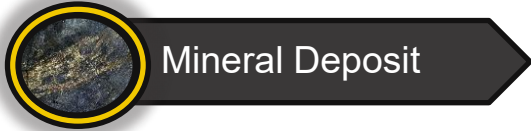
Significant Value Drivers Throughout 2025

“5 in 2025”



- 1 Resource Growth**
Continue **increasing the copper-gold Mineral Resource** by extending the known mineralisation in both the **upper high-grade VMS** as well as the **broad footwall copper rich zone**
- 2 Upgrades**
Converting Inferred Resources to **Measured & Indicated**; M&I tonnes are worth **more** than Inferred, representing a huge opportunity to create value
- 3 New Discoveries**
Drilling will test **compelling new targets**, including **potential in-mine repetitions, mine extensions, adjacent historic mines and greenfields opportunities**; These all have scope to create substantial, **rapid value**
- 4 Global Scale**
Potential for a **market re-rate** as upcoming **mining studies** are expected to make it increasingly clear that **Green Bay is a large, long-life project** with a **substantial production profile** and **robust economics**
- 5 Tier 1 Jurisdiction**
Highly favourable location, which delivers **security of tenure, extensive infrastructure, access to hydro power, critical minerals funding initiatives** and **deep pools of investment capital**

The Ingredients are already in place for a substantial Copper Mine



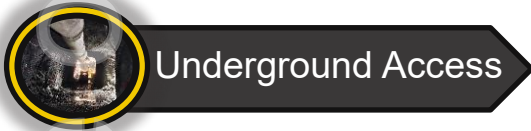
A WORLD-CLASS VMS SYSTEM UNDERPINS THE MINE

Large scale (24.4Mt M&I + 34.5Mt Inf) and **High-Grade** (2% CuEq) **Copper-Gold** Deposit, **rapidly growing** through drilling & exploration



EXISTING INFRASTRUCTURE SUPPORTS A LARGE OPERATION

Workshops, water treatment plant, offices etc. in place, low-cost green **Hydro Power** runs through the property, **365-day access** to site via sealed highways, well serviced **local communities**



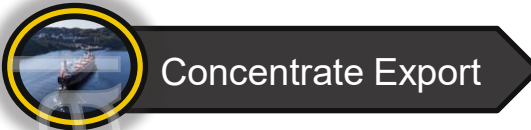
AN ESTABLISHED UNDERGROUND MINE

Fully dewatered underground mine with **access to 950m, Decline and shaft, +20km of historical development** in place provides a low-cost **foundation for drilling and future mining**



PROVEN SIMPLE METALLURGY & HIGH RECOVERIES

Long history of concentrate production from the small-scale existing processing plant. Previous operations achieved **excellent recoveries of >96% Copper** from VMS and FW7 ores using a **simple conventional processing flow** (crush, grind, float) underway for a **right-sized upscaled processing plant** to be constructed.

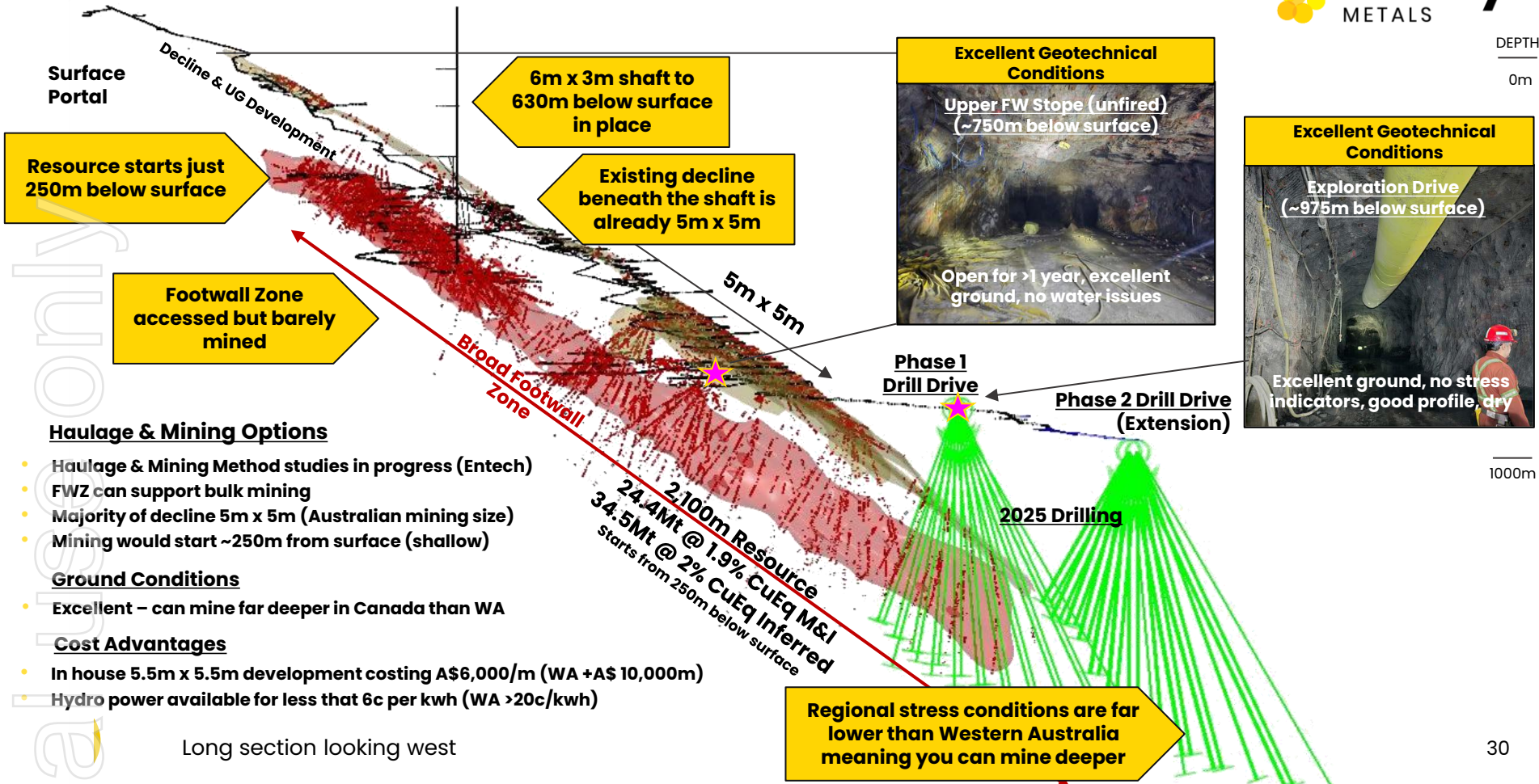


HIGH QUALITY CONCENTRATE & NEARBY EXPORT PORT

Highly sought after concentrate with **no deleterious elements**. Historical consistently ranged between **27% and 29% copper**, with **8 to 12g/t gold**. Metallurgical test work is in progress. The Company has secured access to a **port** capable of servicing 50,000t Panamax ships just **6km from the**



Existing Infrastructure = Lower Capex and Rapid Start-up



Resource starts just 250m below surface

Footwall Zone accessed but barely mined

6m x 3m shaft to 630m below surface in place

Existing decline beneath the shaft is already 5m x 5m

Excellent Geotechnical Conditions



Excellent Geotechnical Conditions



1000m

Haulage & Mining Options

- Haulage & Mining Method studies in progress (Entech)
- FWZ can support bulk mining
- Majority of decline 5m x 5m (Australian mining size)
- Mining would start ~250m from surface (shallow)

Ground Conditions

- Excellent – can mine far deeper in Canada than WA

Cost Advantages

- In house 5.5m x 5.5m development costing A\$6,000/m (WA +A\$ 10,000m)
- Hydro power available for less than 6c per kwh (WA >20c/kwh)

2,100m Resource
24.4Mt @ 1.9% CuEq M&I
34.5Mt @ 2% CuEq Inferred
Starts from 250m below surface

Regional stress conditions are far lower than Western Australia meaning you can mine deeper

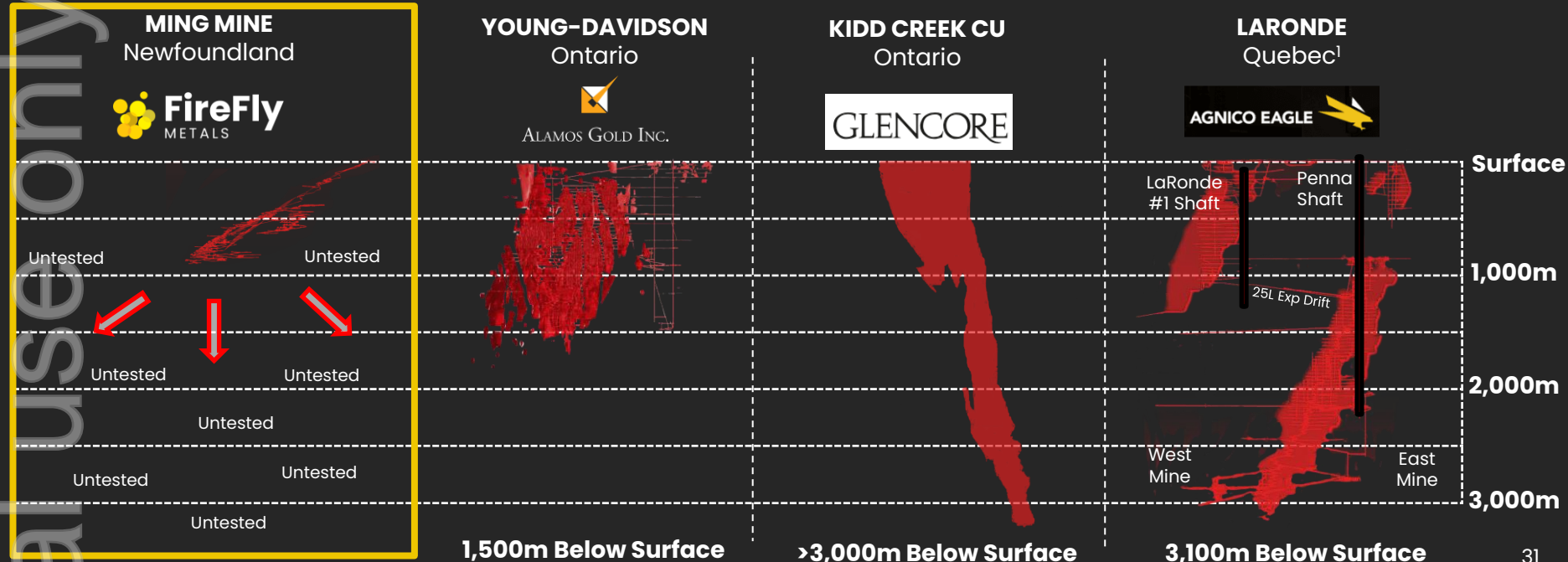
Long section looking west

Excellent Ground Conditions¹

Low rock stress conditions allow for much deeper mining

Supported with existing decline, underground development & shaft

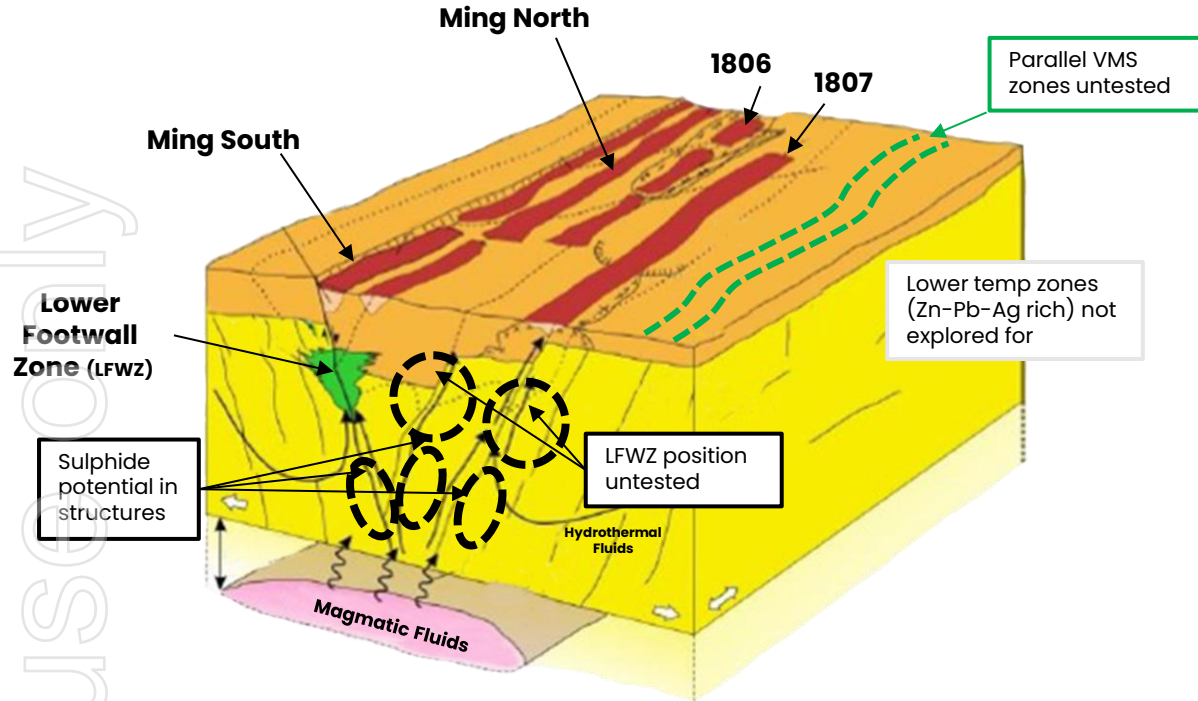
- The Mine is relatively shallow in comparison to other underground operations in Canada
- Low regional stress conditions allow for much deeper mining than in Western Australia
- Less than half the regional rock stress levels (less ground support required = less costs = deeper depths)



¹ This slide demonstrates mining depths of select assets in Eastern Canada, and is in no way a comparison of reserves, resources, market capitalisation nor commodity. For further information please refer to Appendix 7.

Green Bay Project Exploration Targeting

MING DEPOSIT MODEL HIGHLIGHTS EXCEPTIONAL EXPLORATION UPSIDE¹



EXPLORATION OPPORTUNITY

- Limited exploration has been conducted in the past 40 years – a key opportunity
- Downhole geophysics is a powerful exploration tool for this type of mineralisation... and rarely been used by previous company
- Because the mine was hand-to-mouth, there has been limited exploration outside of the known ore zones

KEY TARGETS

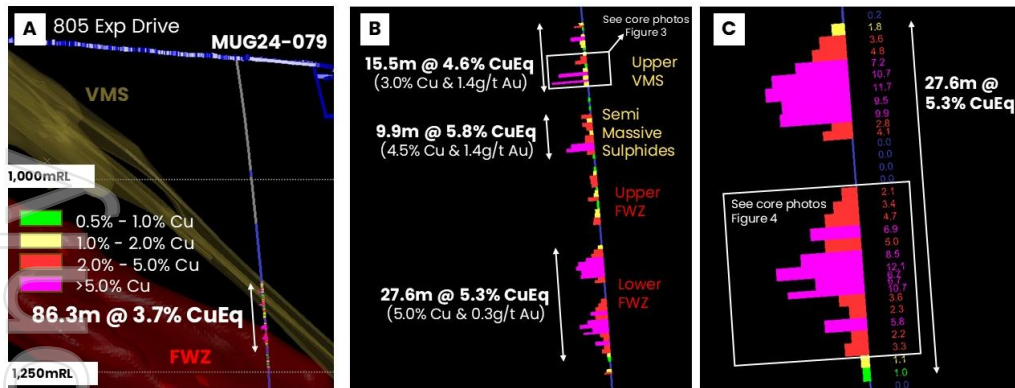
- Conduct downhole and surface electrical geophysical programs
- Drill test for parallel VMS mineralisation horizons
- Test for LFWZ-style stringer mineralisation beneath known VMS zones
- Explore for Zinc-Silver rich lateral zones within the system

 Volcanogenic Massive Sulphide (VMS) Mineralisation

 Stringer / Disseminated Mineralisation (Feeder)

Latest and deepest drill holes

86.3m @ 3.7% CuEq and 58.2m @ 3.1% CuEq (True Widths)

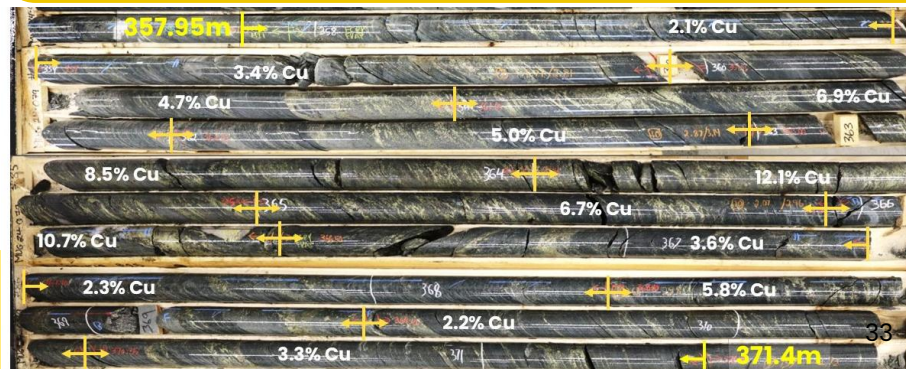


- Best holes drilled by FireFly to date with thick consistent zones of high-grade copper and gold
- Grade seems to be increasing down plunge
- This hole has the highest-grade footwall zone encountered to date (5.3% CuEq over 27.6m)
- High-grade upper VMS has a well-developed footwall stringer zone directly underneath at the northern end of the Resource
- Other recent results demonstrate high grade is continuing 58.2m @ 3.1% CuEq (2.4% Cu & 0.7g/t Au) in hole MUG24-083 (~ true thickness)

Upper Copper-Gold VMS High Grade



Broad Copper Footwall Zone

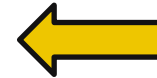


Drilling hits extensive copper and gold outside Resource

Plus, strong EM results highlight potential for significant mineralisation well beyond current drilling

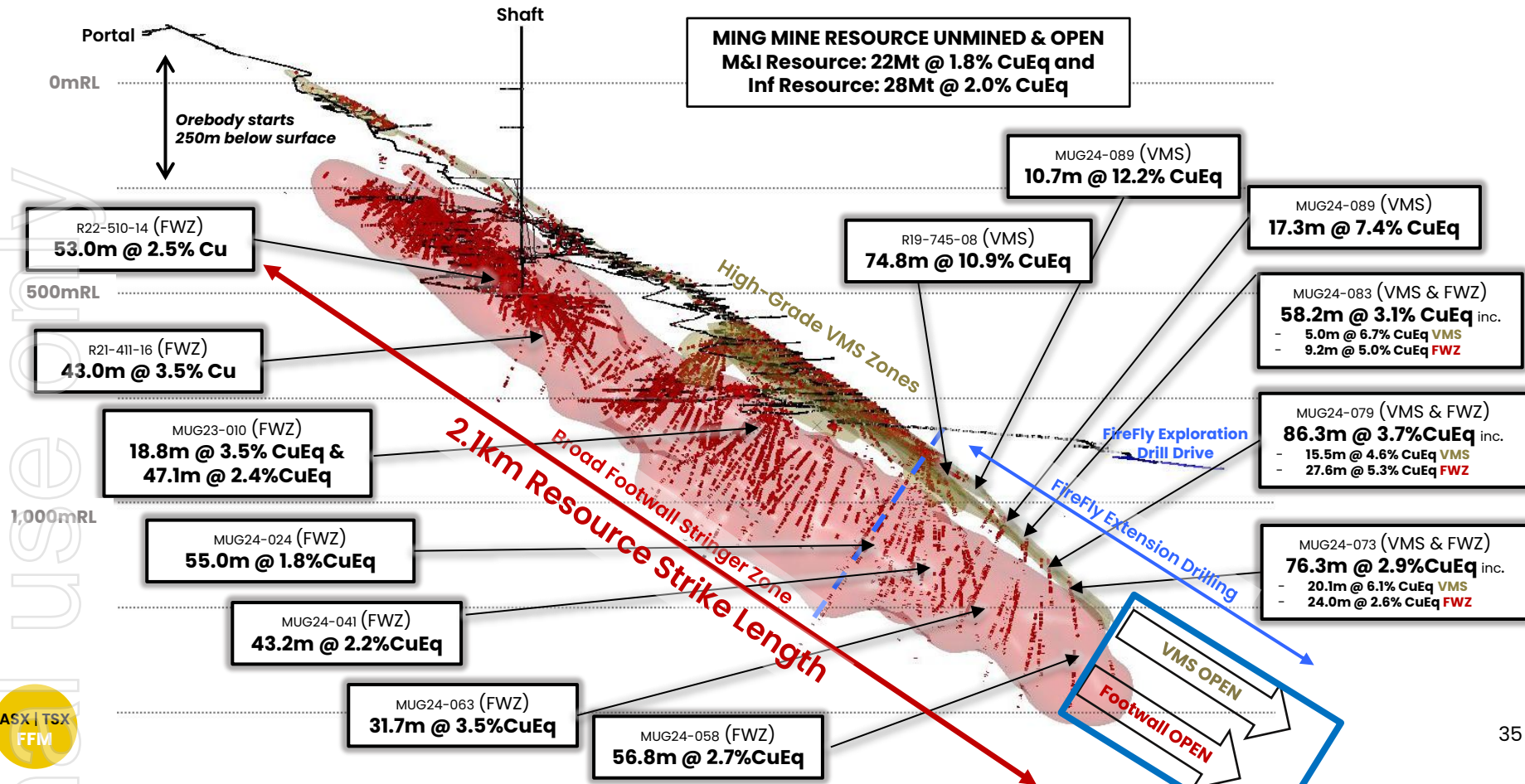


- Latest drilling has intersected high-grade copper and gold mineralisation more than **200m beyond the current Resource**
- The drilling shows the continuity and thickness of the **high-grade upper copper and gold massive sulphide zone (VMS)**, with results from the two step-out holes intersecting:
 - **12.4m @ 6.8% CuEq¹** (3.6% Cu & 3.5g/t Au) in hole MUG25-040 (~ true thickness)
 - **25.8m @ 5.1% CuEq** (4.6% Cu & 0.5g/t Au) in hole MUG24-124 (~ true thickness)
- The extensional drilling also intersected multiple zones of the thick high-grade **copper footwall zone (FWZ)** stringer style mineralisation with key results including:
 - **19.5m @ 3.0% CuEq** (2.7% Cu & 0.3g/t Au) in hole MUG25-040 (~ true thickness)
 - **14.5m @ 1.9% CuEq** (1.8% Cu & 0.1g/t Au) in hole MUG25-040 (~ true thickness)
- **A Down Hole ElectroMagnetic geophysical (DHEM)** survey completed from the deepest step-out hole completed (MUG25-040) reveals a conductive anomaly that **extends more than 700m beyond current drill extents**
- The Green Bay Resource stands at 24.4Mt at 1.9% CuEq Measured & Indicated Resource and 34.5Mt @ 2.0% CuEq Inferred Resource; see ASX announcement dated 29 October 2024
- The Company plans to **accelerate underground drilling ahead of mining studies with a sixth underground rig** due on site in late May. This will take the total **number of rigs on site to seven, with a surface rig continuing to focus on high priority exploration targets near the Ming Mine.**
- **Surface drilling has initially targeted mineralisation at the historical Rambler Main Copper-Gold deposit that is located less than 3km from the Ming Mine at Green Bay. Rambler Main was mined to a depth of ~200m between 1964 and 1967. First assay results are expected in coming weeks.**
- **The Company remains well-funded for its accelerated growth strategy with ~A\$68.5M in cash, receivables and liquid investments at 31 March 2025**

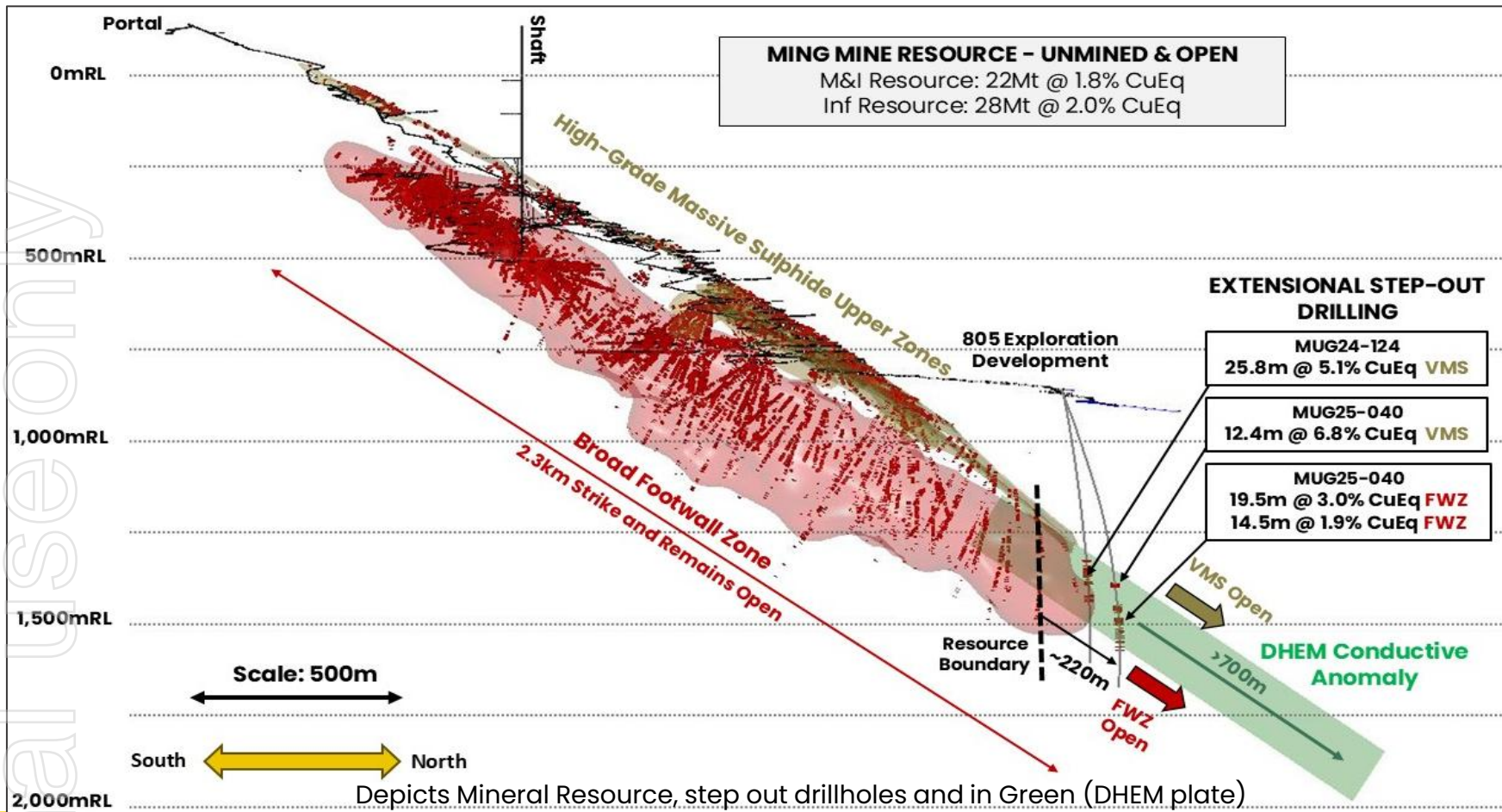


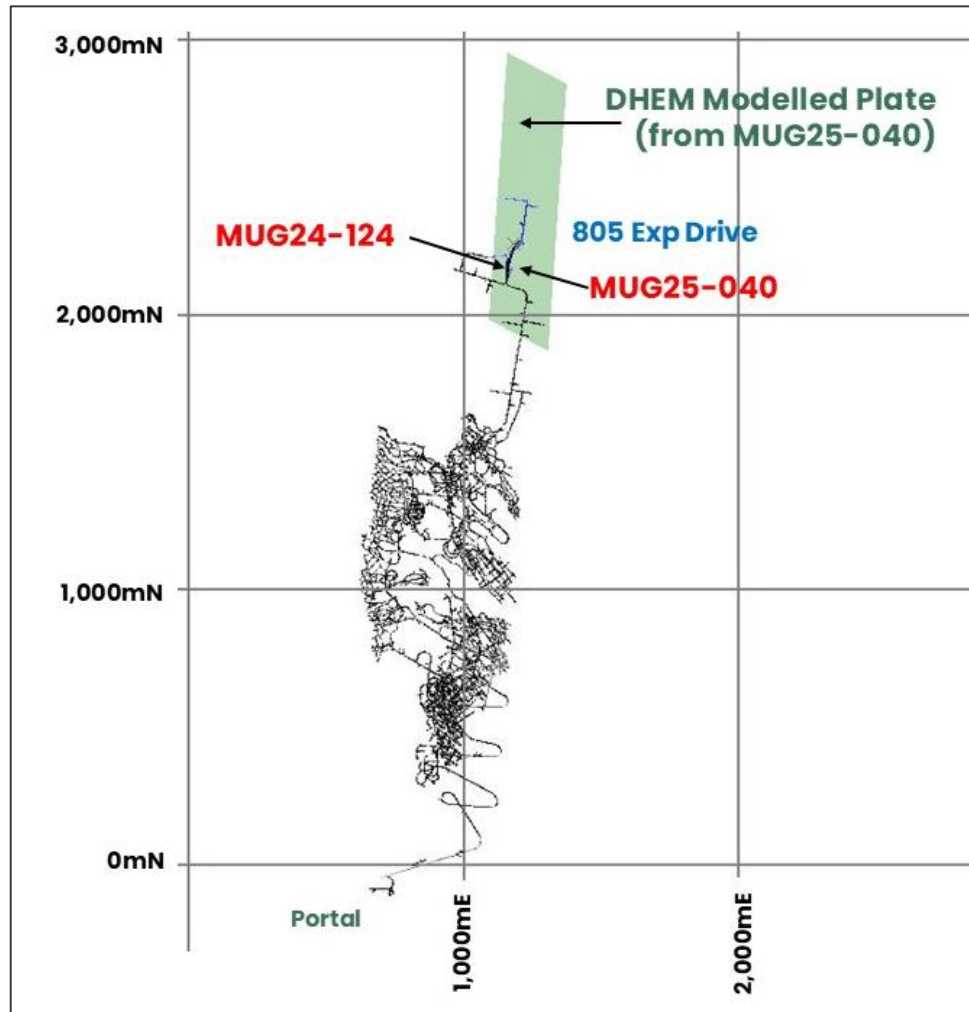
A Large Scale Copper Gold VMS System

High Grade VMS (Cu+Au) Zones and a Broad Footwall Stringer (Cu) Zone



Long section Ming underground mine and conductive anomaly extending more than 700m beyond the extent of current drilling.





Plan view of drilling and DHEM
geophysical anomaly

Note the scale
and size of the anomaly

Appendix 3 – Pickle Crow Gold Deposit

High Grade 2.8Moz @ 7.2 g/t Gold Resource and Open



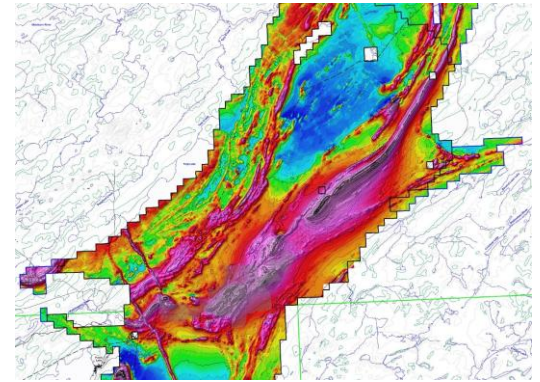
LOCATION

- Operating in a **Tier 1 mining jurisdiction**, Ontario Canada
- In a prolific mineral belt with **>40Moz gold endowment**
- **Exceptional team and in-country knowledge**



THE ASSET – PICKLE CROW

- High-grade historical gold production of **1.5Moz @ 16.1g/t gold**
- **Year-round access** with quality infrastructure, and large regional land holding

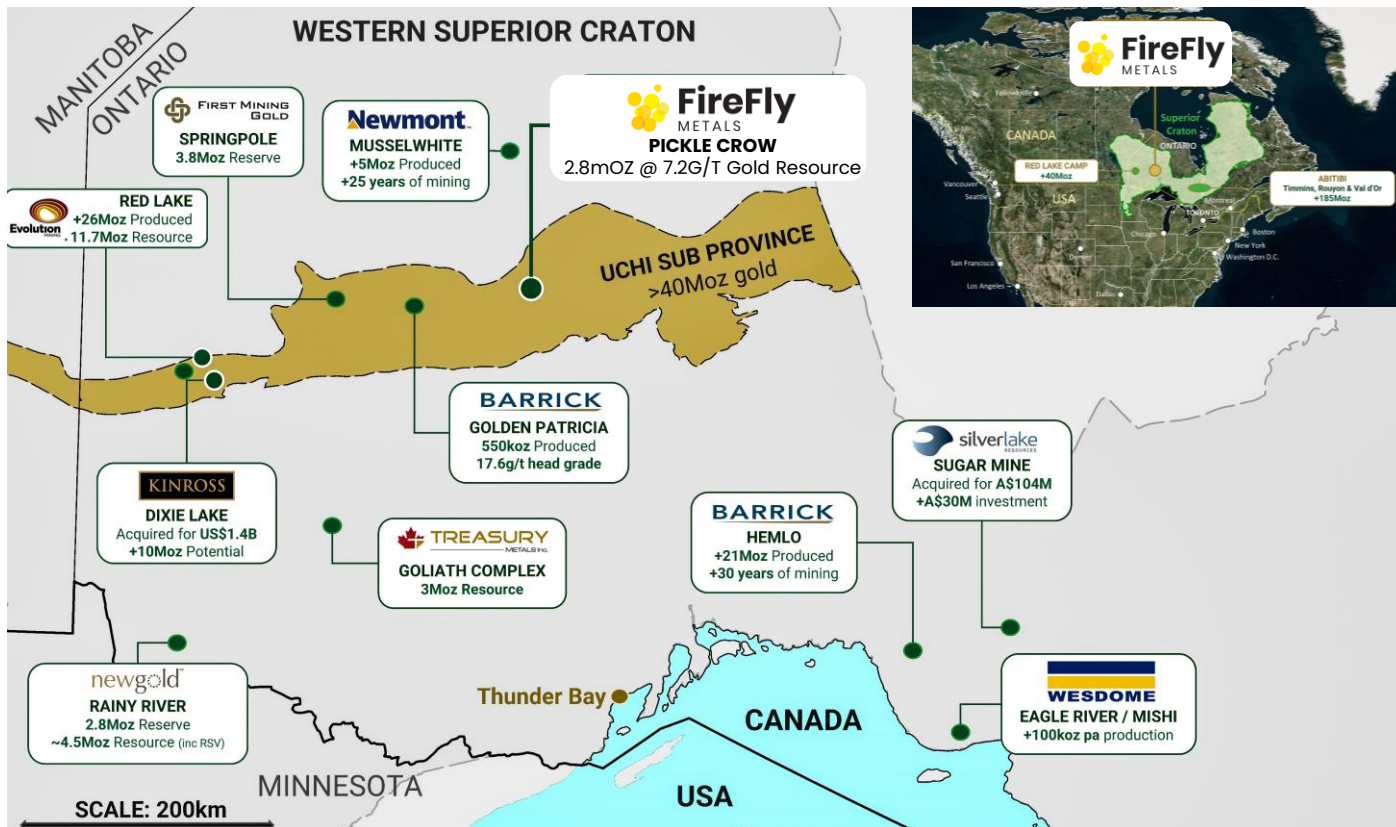


UPSIDE

- **2.8Moz @ 7.2g/t** inferred gold resource
- **Rapid** resource growth
- **Open** in all directions
- Exceptional **discovery potential** in a consolidated mineral district

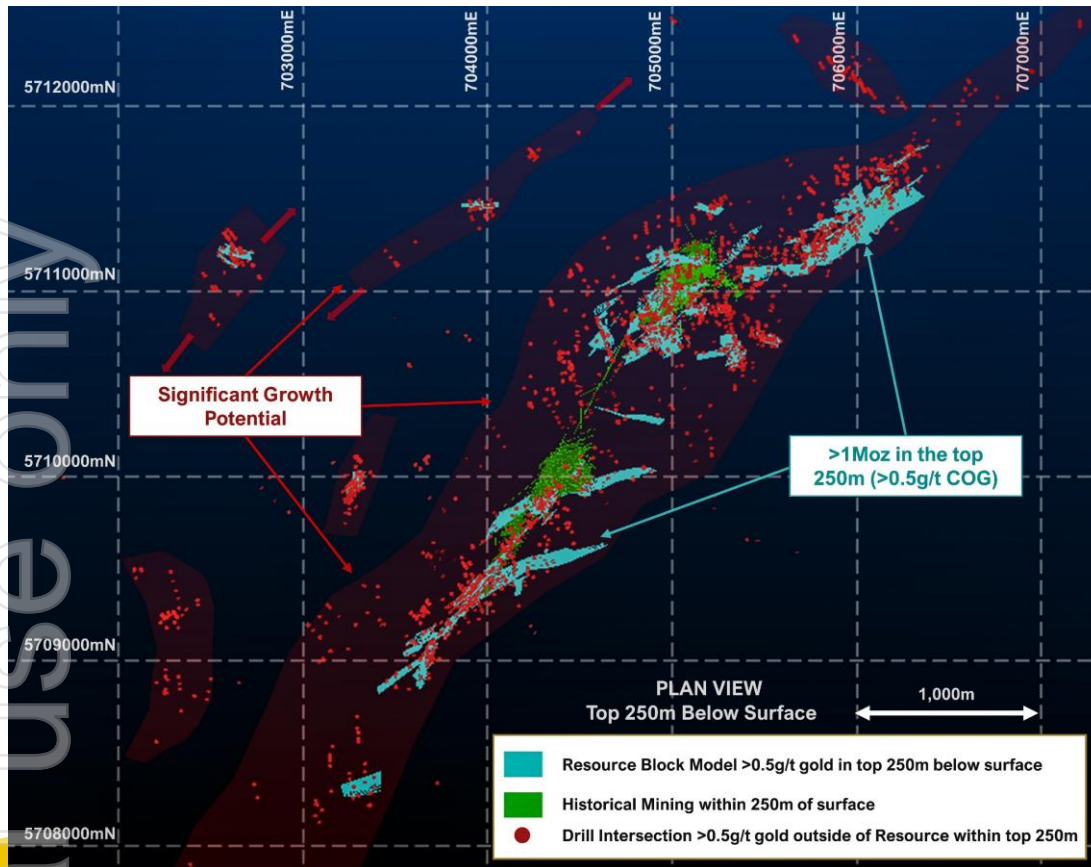
An Exceptional Asset in a World-Class Location

Pickle Crow Gold Deposit is surrounded by World-Class Gold Mines



For internal use only

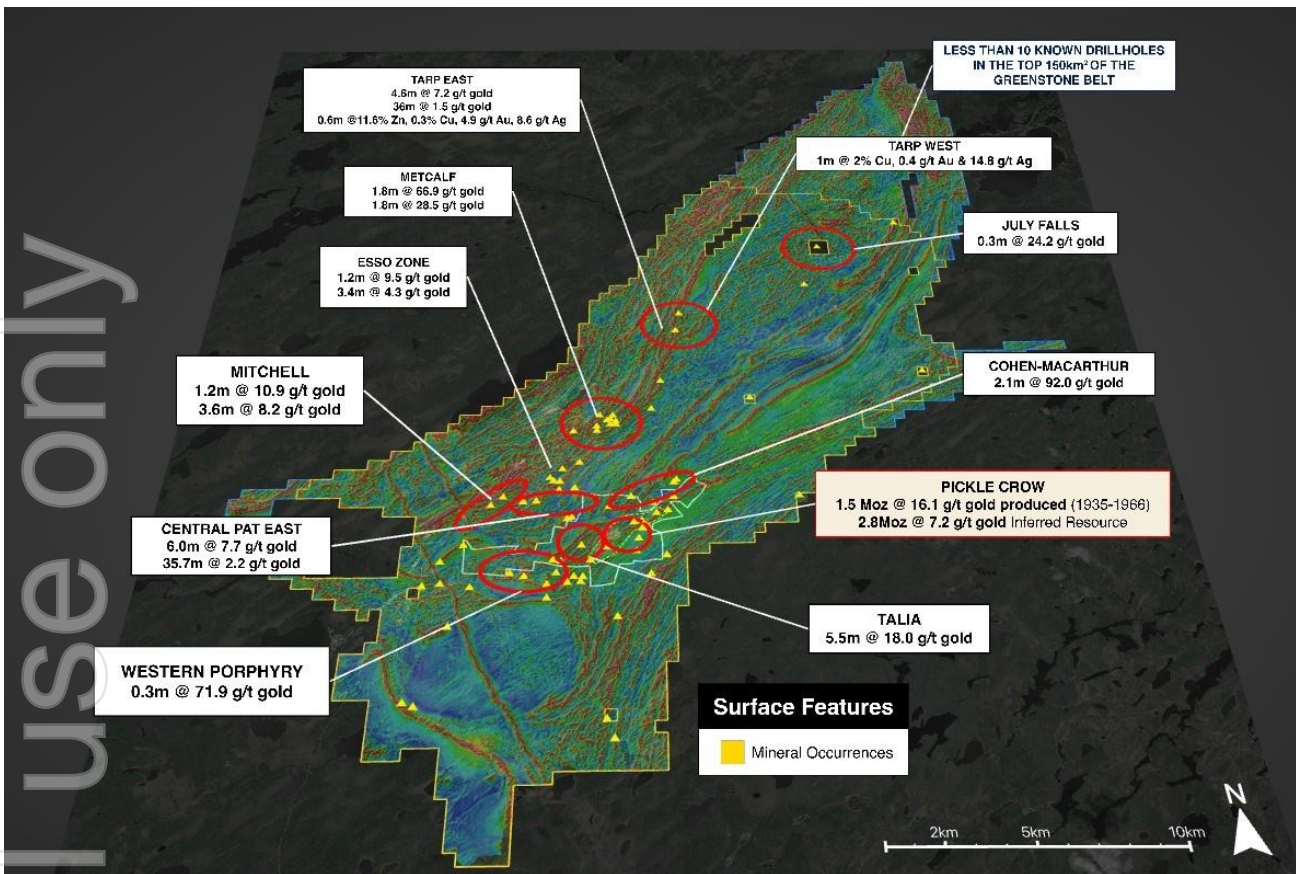
Significant Shallow Open Pit Potential



Significant Potential to Grow the 2.8Moz @ 7.2g/t Resource

- Potential for Open Pit as well as Underground mining at the Pickle Crow Deposit
- Significant proportion of resource shallow from surface
- Over **1Moz** above 0.5g/t in the top **250 metres**
- **Extensive** shallow mineralisation in the **top 250m** below surface **outside of the current Resource**
- Resource remains open in all directions

Huge Discovery Potential – An Entire Mineral District



EXCEPTIONAL UPSIDE

- First time entire Pickle Crow district held by one company
- Over 46km of strike to be tested
- Regional systematic geochemical sampling underway
- Low-cost discovery potential
- Numerous high priority walk up targets

Appendix 4 – 2023 Copper Production Data



PROPERTY	CURRENT OWNER	2023 Cu Metal PRODUCTION (Tonnes)	SOURCE DATA
Ant Hill	Austral Resources	9,267	<ol style="list-style-type: none"> 1. March 2023 Quarterly Report. https://www.australres.com/media/1273/20230414-ar1-austral-march-2023-quarterly-report.pdf?utm_source=ar1+mc&utm_medium=ar1+mc&utm_campaign=ar1+mc 2. June 2023 Quarterly Report. https://www.australres.com/media/1283/ar1_austral_june_2023_quarterly_report.pdf?utm_source=ar1+mc&utm_medium=ar1+mc&utm_campaign=ar1+mc 3. September 2023 Quarterly Report. https://www.australres.com/media/1293/2634353.pdf 4. December 2023 Quarterly Report. https://www.australres.com/media/1297/20240131-ar1-austral-december-2023-quarterly-report.pdf
Antamina	BHP	137,800	<ol style="list-style-type: none"> 1. March 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02656658-3A616851 2. June 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02688385-3A621870 3. September 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02726563-3A628557 4. December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02763530-3A634845
Bingham Canyon	Rio Tinto	151,600	1. 2023 Q4 Quarterly Report. https://cdn-rio.dataweavers.io/-/media/content/documents/invest/financial-news-and-performance/production/2023/rt-2023-4qor-xlsx.xlsx?rev=aad10406fcb14b619b06de87049d4830
Capricorn Copper	29 Metals	6,127	1. 2023 Annual Report. https://cdn-prod.website-files.com/640b21824379a3d73f0eeecde/6621cfc28e0086ad02ad5d17_2023%20Annual%20Report_29Metals.pdf
Cobar	Metals Acquisition Corp.	36,150	1. 2023 Annual Report. https://s202.q4cdn.com/908723817/files/doc_financials/2023/ar/24-03-28_mac-asx_metals-acquisition-ltd-annual-report_ver-0_for-issue.pdf
Copper South Aust.	BHP	282,000	<ol style="list-style-type: none"> 1. March 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02656658-3A616851 2. June 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02688385-3A621870 3. September 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02726563-3A628557 4. December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02763530-3A634845
Cozamin	Capstone Copper Corp.	24,340	1. Annual Information Form 2023. https://capstonecopper.com/wp-content/uploads/2024/03/Annual-Information-Form-2023-.pdf
Ernest Henry	Evolution Mining	43,838	1. December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02763211-2A1500142
Escondida	BHP	1,072,500	<ol style="list-style-type: none"> 1. March 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02656658-3A616851 2. June 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02688385-3A621870 3. September 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02726563-3A628557 4. December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02763530-3A634845
Eloise	AIC Mines	12,186	1. December 2023 Quarterly Report. https://app.sharelinktechnologies.com/announcement/asx/8deca4ff2d647d51ae8759b29d0ebc38
Golden Grove	29 Metals	18,096	1. 2023 Annual Report. https://cdn-prod.website-files.com/640b21824379a3d73f0eeecde/6621cfc28e0086ad02ad5d17_2023%20Annual%20Report_29Metals.pdf
Mantos Blancos	Capstone Copper Corp.	49,552	1. Annual Information Form 2023. https://capstonecopper.com/wp-content/uploads/2024/03/Annual-Information-Form-2023-.pdf
Mantoverde	Capstone Copper Corp.	49,552	1. Annual Information Form 2023. https://capstonecopper.com/wp-content/uploads/2024/03/Annual-Information-Form-2023-.pdf
MATSA	Sandfire Resources	57,951	<ol style="list-style-type: none"> 1. March 2023 Quarterly Report. https://sfr.live.irmau.com/site/pdf/c84360dc-5b88-426e-bdca-54ad5117e8ad/Sandfire-March-2023-Quarterly-Report.pdf 2. June 2023 Quarterly Report. https://sfr.live.irmau.com/site/pdf/6af004bf-7636-4361-b659-7e911eb02b5e/Sandfire-June-2023-Quarterly-Report.pdf 3. September 2023 Quarterly Report. https://sfr.live.irmau.com/site/pdf/878de2b1-46cd-4965-8e6a-193be92a2913/Sandfire-September-2023-Quarterly-Report.pdf 4. December 2023 Quarterly Report. https://sfr.live.irmau.com/site/pdf/569228bb-ed66-4b5d-8308-d9cf90323bd1/Sandfire-December-2023-Quarterly-Report.pdf
North Qld / Mt Colin	Aeris Resources	7,110	1. Bell Potter Unearthed Conference Presentation. https://clients3.webplink.com.au/pdf/AIS/02771913.pdf
Northparkes	Evolution Mining (80%)	26,750	1. ASX Release Northparkes Site Visit Presentation. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02818667-2A1529779
Nova-Bollinger	IGO	10,315	<ol style="list-style-type: none"> 1. March 2023 Quarterly Activities Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02659135-6A1147156 2. June 2023 Quarterly Activities Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02691736-6A1160749 3. September 2023 Quarterly Activities Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02732115-6A1177232 4. December 2023 Quarterly Activities Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02767304-6A1191721
Oyu Tolgoi	Rio Tinto	168,100	1. 2023 Q4 Quarterly Report. https://cdn-rio.dataweavers.io/-/media/content/documents/invest/financial-news-and-performance/production/2023/rt-2023-4qor-xlsx.xlsx?rev=aad10406fcb14b619b06de87049d4830
Pampa Norte	BHP	279,600	<ol style="list-style-type: none"> 1. March 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02656658-3A616851 2. June 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02688385-3A621870 3. September 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02726563-3A628557 4. December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02763530-3A634845
Pinto Valley	Capstone Copper Corp.	55,090	1. Annual Information Form 2023. https://capstonecopper.com/wp-content/uploads/2024/03/Annual-Information-Form-2023-.pdf

Appendix 4 – 2023 Copper Production Data (cont)



PROPERTY	CURRENT OWNER	2023 Cu Metal PRODUCTION (Tonnes)	SOURCE DATA
Sierra Gorda	South 32 (45%)	64,400	<ol style="list-style-type: none"> 1. March 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02657109-6A1146280 2. June 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02689129-6A1159433 3. September 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02728334-6A1175483 4. December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02764222-6A1190270
Tritton	Aeris Resources	17,205	<ol style="list-style-type: none"> 1. Bell Potter Unearthed Conference Presentation. https://clients3.weblink.com.au/pdf/AIS/02771913.pdf

Internal use only



Appendix 5 – References:

' Green Bay Copper & Gold – A Company Making Project'



Number	FOOTNOTES
1	Resources for Mclvenna Bay are calculated under the Canadian NI 43-101 standards and are regarded as Foreign Estimates. Resources for Green Bay, Cobar and Ernest Henry Projects are reported under JORC Code 2012.
2	Source: FireFly Metals' ASX release dated 29 October 2024.
3	Please note that proportional equivalent metal for resources are not ore reserves and do not represent the value of what can be mined. Proportional equivalent resource values are calculated using commodity prices as follows: Cu: US\$8,500/t, Zn: US\$2,500/t, Pb: US\$2,230/t, Au: US\$2,000/oz, Ag: US\$25/oz.
4	Source: FireFly Metals' ASX release dated 31 August 2023.
5	Source: Foran Corporate Presentation July 2024. Available here: https://foranmining.com/wp-content/uploads/2022/09/Foran-Corporate-Presentation.pdf
6	Source: Mclvenna Bay Feasibility Study, April 2022. Available here: https://foranmining.com/wp-content/uploads/2022/04/Mclvenna-Bay-Feasibility-Study.pdf
7	Source: Metals Acquisition Corp.'s ASX release dated 23 April 2024 titled 'Updated Resource and Reserve Statement and Production Guidance'. Please refer to this announcement for disclosures on the parameters used to calculate the mineral resource estimate. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02798100-6A1203769&v=4015c7b87631faf94ecd96975272ff9ad5cb14c3
8	Source: Metals Acquisition Corp.'s 2023 Annual Report. Available here: https://s202.q4cdn.com/908723817/files/doc_financials/2023/ar/24-03-28_mac-asx_metals-acquisition-ltd-annual-report_ver-0_for-issue.pdf
9	Source: Metals Acquisition Corp.'s News release dated 16 June 2023. Available here: https://www.metalsacquisition.com/investor-relations/news/news-details/2023/Metals-Acquisition-Limited-Closes-Purchase-of-the-CSA-Copper-Mine/default.aspx . Purchase price assumes a 0.65 AUD:USD exchange rate. Total number does not include the USD\$150M in future potential contingency payments.
10	Source: ASX Announcement 17 August 2023 Titled 'Further Increase to Ernest Henry Resource'. https://evolutionmining.com.au/wp-content/uploads/2023/08/2591942_Further-Increase-in-Ernest-Henry-Mineral-Resource.pdf
11	Source: Ernest Henry FY23 Fact Sheet. Available here: https://evolutionmining.com.au/storage/2023/10/Ernest-Henry-fact-sheet-FY23F.pdf
12	Source: Evolution's FY23 Annual Report. Available here: https://evolutionmining.com.au/storage/2023/10/2625444-2023-Annual-Report.pdf
13	Source: Evolution's ASX releases dated 24 August 2016 (available here: https://evolutionmining.com.au/wp-content/uploads/2016/08/1585478_Acquisition-of-Economic-Interest-in-EH.pdf) and 17 November 2021 (available here: https://evolutionmining.com.au/wp-content/uploads/2021/11/2302087_EVN-secures-full-ownership-of-Ernest-Henry-1.pdf)

Appendix 6- External Company Resources & Reserves



FORAN Mineral Resources – Foran Mining McIlvenna Bay Project¹

McIlvenna	Measured			Indicated			TOTAL M&I			McIlvenna	Inferred		
	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal		Tonnes	Grade	Metal
Copper	-	-	-	-	1.2 %	469kt	-	1.2 %	469kt	Copper	-	0.94	47kt
Zinc	-	-	-	-	2.16 %	844kt	-	2.16 %	844kt	Zinc	-	2.56	129kt
Lead	-	-	-	39.1Mt	0.14 %	55kt	39.1Mt	0.14 %	55kt	Lead	5.1Mt	0.17	8.5kt
Gold	-	-	-	-	0.41 g/t	515koz	-	0.41 g/t	515koz	Gold	-	0.27	44koz
Silver	-	-	-	-	14.0 g/t	18.1Moz	-	14.0 g/t	18.1Moz	Silver	-	15.9	2.6Moz

Mineral Reserve Estimate – Foran Mining McIlvenna Bay Project^{2,3}

McIlvenna	Proven			Probable			TOTAL MINERAL RESERVE		
	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Copper	-	-	-	-	1.23 %	316kt	25.7Mt	1.23 %	316kt
Zinc	-	-	-	-	2.39 %	614kt		2.39 %	614kt
Gold	-	-	-	-	0.47 g/t	388koz		0.47 g/t	388koz
Silver	-	-	-	-	15.3 g/t	12.6Moz		15.3 g/t	12.6Moz

METALS ACQUISITION CORP Mineral Resources – Metals Acquisition Corp. Cobar Project⁴

Cobar	Measured			Indicated			Inferred			Cobar	TOTAL M, I & Inf		
	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal		Tonnes	Grade	Metal
Copper	10.1Mt	4.9%	500kt	6.4Mt	4.5%	285kt	3.6Mt	5.4%	196kt	Copper	20.2	4.9%	981kt
Silver	-	19.0g/t	6.2Moz	-	15.0g/t	3.1Moz	-	21.0g/t	2.4Moz	Silver	-	18.0g/t	11.7Moz

Ore Reserve Estimate – Metals Acquisition Corp. Cobar Project⁴

Cobar	Proved			Probable			TOTAL MINERAL RESERVE		
	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Copper	8.3Mt	3.5%	293kt	6.6Mt	3.1%	201kt	14.9Mt	3.3%	494kt
Silver	-	14.0g/t	3.9Moz	-	11.0g/t	2.4Moz	-	13.0g/t	6.2Moz

Evolution MINING Mineral Resources – Evolution Mining Ernest Henry Project⁵

Ernest Henry	Measured			Indicated			Inferred			Ernest Henry	TOTAL M, I & Inf		
	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal		Tonnes	Grade	Metal
Copper	35.0Mt	1.31%	458kt	35.0Mt	1.29%	450kt	31.5Mt	1.15%	363kt	Copper	101.5Mt	1.25%	1,271kt
Gold	-	0.75g/t	847koz	-	0.76g/t	852koz	-	0.66g/t	668koz	Gold	-	0.73g/t	2,368koz

Ore Reserve Estimate – Evolution Mining Ernest Henry Project⁶

Ernest Henry	Proved			Probable			TOTAL MINERAL RESERVE		
	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Copper	26.5Mt	1.08%	287kt	50.9Mt	0.59%	302kt	77.4Mt	0.76%	589kt
Gold	-	0.62g/t	527koz	-	0.36g/t	582koz	-	0.45g/t	1,109koz

- Source: Foran Mining's corporate presentation dated July 2024. Please refer to this presentation for disclosures on the parameters used to calculate the mineral resource estimate. <https://foranmining.com/wp-content/uploads/2022/09/Foran-Corporate-Presentation.pdf>. Effective date 6 September 2021. Above tables do not include Ore Reserves reported by Foran Mining. Prepared in accordance with Canadian National Instrument 43-101. The estimate is a foreign estimate and has not been reported in accordance with JORC 2012. A competent person has not done sufficient work to classify the foreign estimate as a mineral resource in accordance with JORC Code 2012 and it is uncertain that following further evaluation and exploration work that the foreign estimate will be able to be reported as a mineral resource under the JORC Code 2012.
- Source: Foran Mining's corporate presentation dated July 2024. <https://foranmining.com/wp-content/uploads/2022/09/Foran-Corporate-Presentation.pdf>.
- Source: McIlvenna Bay Feasibility Study, April 14 2022. Please refer to this report for disclosures on the parameters used to calculate the mineral reserve estimate. Effective date is the 28th February 2022. Mineral reserves reported by Foran Mining were prepared in accordance with Canadian National Instrument 43-101. The estimate is a foreign estimate and has not been reported in accordance with JORC Code 2012. A competent person has not done sufficient work to classify the foreign estimate as an Ore Reserve under the JORC Code 2012 and it is uncertain that following further evaluation work that the foreign estimate will be able to be reported as an Ore Reserve under the JORC Code 2012. <https://foranmining.com/wp-content/uploads/2022/04/McIlvenna-Bay-Feasibility-Study.pdf>
- Source: Metals Acquisition Corp.'s ASX release dated 23 April 2024 titled 'Updated Resource and Reserve Statement and Production Guidance'. Please refer to this announcement for disclosures on the parameters used to calculate the Mineral Resource and Ore Reserve estimates. <https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1/0/file/2924-02798100-6A1203769&v=4015c7b87631fa94ec96975272ff9ad5cb14c3>. Effective date 31 August 2021. Both Mineral Resources and Ore Reserves have been prepared in accordance with JORC Code 2012.
- Source: Evolution Mining's ASX release dated 17 August 2023 titled 'Further Increase in Ernest Henry Mineral Resource'. Please refer to this announcement for disclosures on the parameters used to calculate the mineral resource estimate. <https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1/0/file/2924-02798100-6A1203769&v=4015c7b87631fa94ec96975272ff9ad5cb14c3>. Effective date 30 June 2023. Above tables do not include Ore Reserves reported by Evolution Mining. The Mineral Resource has been prepared in accordance with JORC Code 2012.
- Source: Evolution Mining's ASX release dated 5 June 2023 titled 'Ernest Henry Mine Life Extended to 2040 – Ore Reserves Doubled'. The Effective date is at June 2023. Please refer to this announcement for disclosures on the parameters used to calculate the Ore Reserve estimate. The Ore Reserve has been prepared in accordance with the JORC Code 2012. https://evolutionmining.com.au/wp-content/uploads/2023/06/2561152_Ernest-Henry-mine-life-extended-to-2040.pdf

Appendix 7 – Supplementary Information for slide titled ‘Excellent Ground Conditions’



PROPERTY	LOCATION	CURRENT OWNER		SOURCE DATA	
Young-Davidson Mine (YD)	Ontario, Canada	Alamos Gold Inc.	Commodity	Gold	Alamos Gold Inc. website states YD is a gold mine. https://www.alamosgold.com/operations/producing-mines/young-davidson-canada/default.aspx
			Project Stage	Producing Mine	Alamos Gold Inc. website states YD is a producing mine. https://www.alamosgold.com/operations/producing-mines/young-davidson-canada/default.aspx
			Production Rate	2024 Estimate: 180-195koz	Alamos Gold Inc. corporate presentation dated July 2024 https://s24.q4cdn.com/779615370/files/doc_presentations/2024/07/Alamos-Gold-Corporate-Presentation_July-19-2024.pdf
			Mineral reserves (Proven & Probable)	43.9Mt @ 2.31g/t for 3.26Moz gold	Alamos Gold Reserve and Resource statement as at December 31, 2023. https://s24.q4cdn.com/779615370/files/doc_downloads/2024/07/Alamos-2023-Reserve-Resource_July-2024-Update_Final.pdf
			Mineral resources exclusive of reserves – Measured & Indicated	11.6Mt @ 3.01g/t for 1.13Moz gold	Alamos Gold Reserve and Resource statement as at December 31, 2023. https://s24.q4cdn.com/779615370/files/doc_downloads/2024/07/Alamos-2023-Reserve-Resource_July-2024-Update_Final.pdf
			Mineral resources exclusive of reserves – Inferred	1.4Mt @ 3.26g/t for 0.15Moz gold	Alamos Gold Reserve and Resource statement as at December 31, 2023. https://s24.q4cdn.com/779615370/files/doc_downloads/2024/07/Alamos-2023-Reserve-Resource_July-2024-Update_Final.pdf
			Mine Depth	-1,488.8m	Current mine depth (approximate) of the Young-Davidson mine based on the long section presented in the Alamos Gold Inc. corporate presentation dated July 2024. https://s24.q4cdn.com/779615370/files/doc_presentations/2024/07/Alamos-Gold-Corporate-Presentation_July-19-2024.pdf
			Open at depth?	Yes	As per ASX request, FireFly can confirm the presence of ‘open’ arrows on the long section of the Young Davidson mine presented in the Alamos Gold corporate presentation (slide 31) dated July 2024. https://s24.q4cdn.com/779615370/files/doc_presentations/2024/07/Alamos-Gold-Corporate-Presentation_July-19-2024.pdf . This information was requested by the ASX. The purpose of the slide that this table references is to compare mining depths at the individual Alamos asset, the Young-Davidson mine, and the current depth of the FireFly Metals Ming Mine. Investors should be cautioned that a competent person as defined by the JORC Code (2012) edition has not done sufficient work to determine if the open arrows are justified, hence they were not included in the original slide.
			Company Market Capitalisation	C\$9,581.4M	Market capitalisation in Canadian dollars as at close on Friday 26 July – Share Price C\$22.83. This information was requested by the ASX for inclusion in the references. The slide this table references was purposed to compare mining depths at the individual Alamos asset, Young-Davidson mine, and the current depth of the FireFly Metals Ming Mine. Alamos Gold is a multi-asset gold producing company so investors are cautioned not rely on direct comparisons between the market capitalisation of FireFly Metals and Alamos Gold.
			Image on Slide	Long Section	Long section of the Young-Davidson mine modified from image released in the corporate presentation dated July 2024. https://s24.q4cdn.com/779615370/files/doc_presentations/2024/07/Alamos-Gold-Corporate-Presentation_July-19-2024.pdf
Kidd Creek Mine	Ontario, Canada	Glencore Canada	Commodity	Zinc, Copper, Silver	Glencore Resources and Reserve report as at December 31 2023. https://www.glencore.com/.rest/api/v1/documents/static/a53e27b1-6025-4ef2-9be8-f3be543dfb26/GLENCORE-Resources-and-Reserves-report-2023.pdf
			Project Stage	Producing Mine	Glencore Canada Website. https://www.glencore.ca/en/kidd/
			Production Rate	2023 Actual Production: 38.6kt Zinc, 22.6kt Cu & 1.4Moz Ag	Glencore Full-Year 2023 Production report dated 1 February 2024. https://www.glencore.com/.rest/api/v1/documents/static/f2f3f568-9437-4c55-bcb6-49d2fc96d305/GEN_2023-FY_ProductionReport.pdf
			Mineral reserves (Proven & Probable)	2.5Mt @ 3.12% Zn, 1.44% Cu and 38g/t Ag	Glencore Resources and Reserve report as at December 31 2023. https://www.glencore.com/.rest/api/v1/documents/static/a53e27b1-6025-4ef2-9be8-f3be543dfb26/GLENCORE-Resources-and-Reserves-report-2023.pdf
			Mineral resources exclusive of reserves – Measured & Indicated	4.6Mt @ 3.18% Zn, 1.43% Cu and 38g/t Ag	Glencore Resources and Reserve report as at December 31 2023. https://www.glencore.com/.rest/api/v1/documents/static/a53e27b1-6025-4ef2-9be8-f3be543dfb26/GLENCORE-Resources-and-Reserves-report-2023.pdf
			Mineral resources exclusive of reserves – Inferred	No Inferred resources reported	Glencore Resources and Reserve report as at December 31 2023. https://www.glencore.com/.rest/api/v1/documents/static/a53e27b1-6025-4ef2-9be8-f3be543dfb26/GLENCORE-Resources-and-Reserves-report-2023.pdf
			Mine Depth	-3,000m	Glencore Canada Website. https://www.glencore.ca/en/kidd/about-us/deep-mining
			Open at depth?	Unknown	Insufficient information available
			Company Market Capitalisation	C\$93,656.3M	Market capitalisation in Canadian dollars as at close on Friday 26 July – Share Price C\$7.71. This information was requested by the ASX for inclusion in the references. The slide this table references was purposed to compare mining depths at the individual Alamos asset, Kidd Creek mine, and the current depth of the FireFly Metals Ming Mine. Glencore is a multi-asset, multi-commodity and multi-jurisdictional company. Investors are cautioned not rely on direct comparisons between the market capitalisation of FireFly Metals and Glencore plc.
			Image on Slide	Long Section	Modified from Smith (2017), Thesis titled ‘Retrospective Analysis of Mine Seismicity: Glencore, Kidd Creek Mine. https://www.researchgate.net/publication/325531275_Retrospective_Analysis_of_Mine_Seismicity_Glencore_Kidd_Mine/link/5b129a084585150a0a6185b3/download?_tp=eyJjb250ZXh0ljp7Im2pcnN0UGFnZSI6Ij9kaXJ3QlRCJWYwWdljoiicHVibGJYXRpb24lClJwcmV2aW91cGlBhZ2UioiJfZGlzZW01n19