



**ASX FFM**

**7 May 2024**

# High-Grade Copper and Gold

## Significant and immediate growth through the drill bit

- Company led by former Bellevue Gold and Northern Star executives with a proven track record
- Targeting rapid resource growth
- Building world-class scale
- Exceptional infrastructure including operational underground declines, shaft, processing plant, deep water port and hydro power
- Tier one mining jurisdiction

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### NO NEW INFORMATION OR DATA – PICKLE CROW AND GREEN BAY PROJECT

This presentation contains references to Mineral Resource Estimate at the Pickle Crow Project 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". All future references in this presentation that relate to the Mineral Resource Estimate at the Pickle Crow Project should be read in conjunction with the aforementioned ASX release. The Company confirms that it is not aware of any new information or data that materially affects the information included in that ASX announcement and that all material assumptions and technical parameters underpinning the Mineral Resource Estimate (Inferred Resource – 11.9 Mt @ 7.2 g/t gold for 2.8M ounces of gold) in that announcement continue to apply and have not materially changed.

The Company first announced the foreign estimate for the Green Bay Project on 31 August 2023. The current foreign estimate for the Green Bay project is 39.2Mt @ 1.83% Cu, 0.3g/t Au and 2.7g/t Ag for 811kt CuEq. The foreign estimate is prepared in accordance with Canadian National Instrument 43-101 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 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. The Company confirms that it is not in possession of any new information or data relating to the foreign estimate that materially impacts on the reliability of the estimate or the Company's ability to verify the foreign estimate in accordance with the JORC Code 2012. The Company confirms the supporting information provided in the initial market announcement referred to in Listing Rule 5.12 continues to apply and has not materially changed.

Metal equivalents for the foreign estimate of mineralization have been calculated using a copper price of US\$8,295/t, gold price of US\$1,912/oz and a silver price of US\$22.59/oz. Individual grades for the metals are set out at Appendix 2 of this announcement. Copper equivalent was calculated based on the formula  $CuEq(\%) = Cu(\%) + (0.74112 \times Au(g/t)) + (0.00876 \times Ag(g/t))$ . Metal equivalents for the drilling at the Green Bay Project have been calculated at a copper price of US\$8,300/t, gold price of US\$2,000/oz, silver price of US\$25/oz and zinc price of \$2,500/t. Copper equivalent was calculated based on the formula  $CuEq(\%) = Cu(\%) + (Au(g/t) \times 0.77472) + (Ag(g/t) \times 0.00968) + (Zn(\%) \times 0.3012)$ . No metallurgical recovery factors have been applied to the in-situ resource or exploration results. It is the Company's view that all elements in the copper equivalent calculation have a reasonable potential to be recovered and sold.

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 and 29/4/2024. FireFly Metals confirms that it is not aware of any new information or data that materially affects the information included in the original announcements. 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.

### JORC CODE

It is a requirement of the ASX Listing Rules that the reporting of ore reserves and mineral resources in Australia comply with the Joint Ore Reserves Committee's Australasian Code for Reporting of Mineral Resources and Ore Reserves ("JORC Code"). Investors outside Australia should note that while ore reserve and mineral resource estimates of the Company in this document comply with the JORC Code (such JORC Code-compliant ore reserves and mineral resources being "Ore Reserves" and "Mineral Resources" respectively), they may not comply with the relevant guidelines in other countries and, in particular, do not comply with (i) National Instrument 43-101 (Standards of Disclosure for Mineral Projects) of the Canadian Securities Administrators (the "Canadian NI 43-101 Standards"); or (ii) Item 1300 of Regulation S-K, which governs disclosures of mineral reserves in registration statements filed with the SEC. Information contained in this document describing mineral deposits may not be comparable to similar information made public by companies subject to the reporting and disclosure requirements of Canadian or US securities laws.

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This document contains forward looking statements concerning the Company. Forward-looking statements are not statements of historical fact, and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. 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 information provided by the Company, or on behalf of the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes. Forward looking statements in this document are based on the Company's beliefs, opinions and estimates of the Company 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 information will prove to be accurate. Forward-looking information involves known and unknown risks, uncertainties, and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any anticipated future results, performance or achievements expressed or implied by such forward-looking information. Such factors include, among others, the actual market price of commodities, the actual results of future exploration, changes in project parameters as plans continue to be evaluated, as well as those factors disclosed in the Company's publicly filed documents. Readers should not place undue reliance on forward-looking information. The Company does not undertake to update any forward-looking information, except in accordance with applicable securities laws. No representation, warranty or undertaking, express or implied, is given or made by the Company that the occurrence of the events expressed or implied in any forward-looking statements in this presentation will actually occur.

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## **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. The pro forma historical financial information (to reflect the funds raised under the placement and share purchase plan) provided in this presentation is for illustrative purposes only and is not represented as being indicative of the Company's views on its future financial condition and/or performance. The pro forma historical financial information has been prepared by the Company in accordance with the measurement and recognition requirements, but not the disclosure requirements, of applicable accounting standards and other mandatory reporting requirements in Australia.

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# 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 resource of **39.2Mt** at **1.83% copper** & **0.5g/t gold** for **811kt** at **2.07% copper equivalent**<sup>1</sup>
- **A\$250M** of mine infrastructure
- Targeting **significant and immediate growth drilling 100,000m in 2024**



### 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

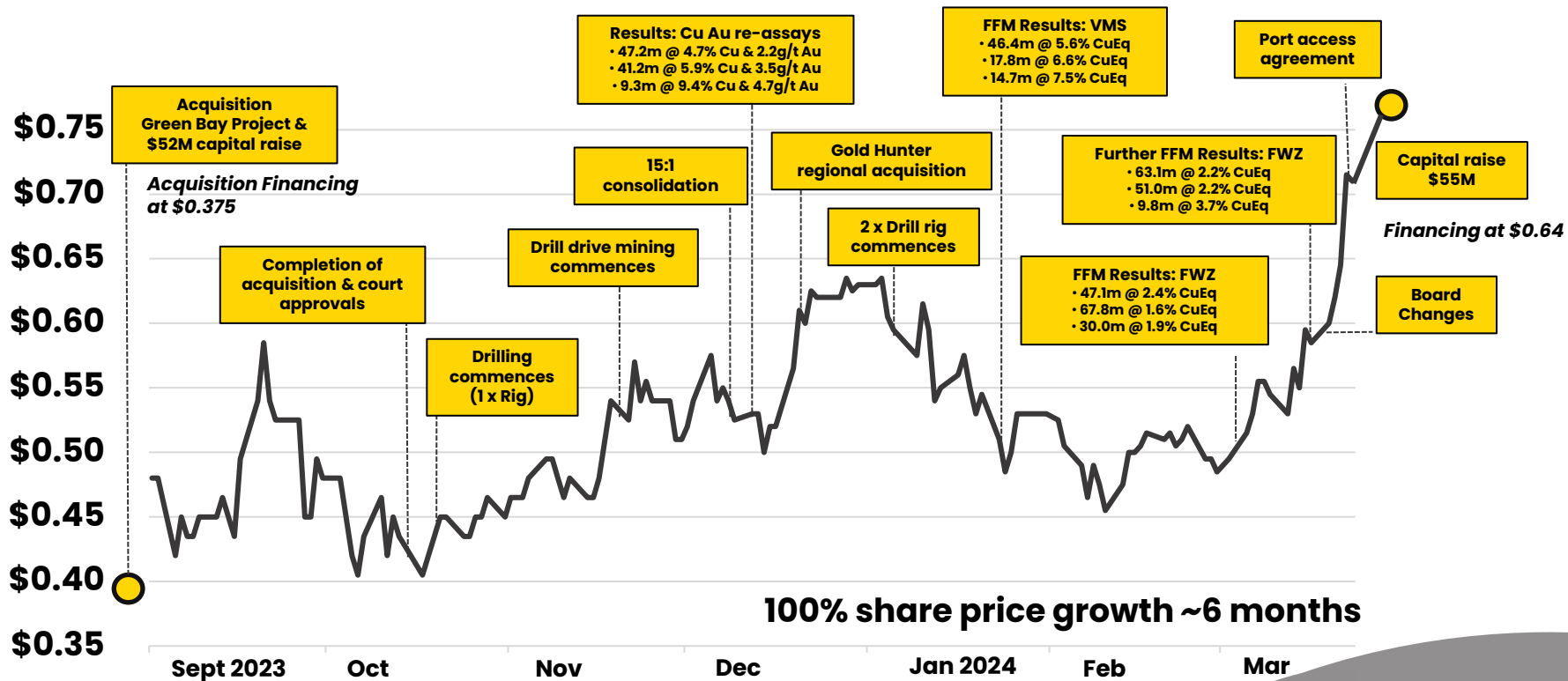
- Management team with a **proven track record of creating significant value for shareholders** and stakeholders
- Recent success with **ASX200 Bellevue Gold** from discovery to production in only 4.5 years
- **Well-funded** with **~A\$52M cash**<sup>2</sup>

1. Prepared in accordance with Canadian National Instrument 43-101. The estimate is a foreign estimate & 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 2012 & it is uncertain that following further evaluation & exploration work that the foreign estimate will be able to be reported as a mineral resource under the JORC Code 2012. Metal equivalents calculated using a copper price of US\$8,295/t, gold price of US\$1,912/oz and a silver price of US\$22.59/oz. Individual grades for the metals are set out at Appendix 10 of this announcement. Copper equivalent was calculated based on the formula  $CuEq(\%) = Cu(\%) + (0.74112 \times Au(g/t)) + (0.00876 \times Ag(g/t))$ . No metallurgical recovery factors have been applied to the in-situ resource. It is the Company's view that all elements in the copper equivalent calculation have a reasonable potential to be recovered and sold. 2. Approximate cash position after including proceeds from the Tranche 2 placement (before costs) as announced to ASX on 28 March 2024, and after paying Gold Hunter Resources Inc. for additional ground at Green Bay and subscribing for 8.4% of Maritime Resources Corp which includes the port access agreement. Receipt of \$14.7 million (before costs) in funds under Tranche 2 of the placement remains subject to receipt of shareholder approval at a general meeting to be held on 20 May 2024.

# The Rapid Transformation of FireFly Metals



Continued catalyst rich growth to unlock value for shareholders and stakeholders



# Exceptional Share Register and Strong Balance Sheet



## Well-funded to deliver strong velocity of news flow through 2024 – 2025

### CAPITAL STRUCTURE

### CURRENT

Shares on issue

477.5M<sup>1</sup>

**A\$0.78**

**A\$372M**

Management performance rights

37.8M<sup>2</sup>

Current Share Price<sup>4</sup>

Market Capitalisation<sup>5</sup>

Top 20 Shareholders

50%<sup>3</sup>

**~A\$52M**

**2.7M**

### SHAREHOLDER SUMMARY<sup>3</sup>

Board & Management (fully diluted)

13%

Cash Position<sup>6</sup>

Average Daily Volume<sup>7</sup>

Australian & Global Institutions

55%

**~8.4%**

**No Debt**

Substantial Shareholders

Extract Capital

5.8%

Blackrock Group

5.1% (~10%)

Shareholding in  
Maritime Resources Corp  
TSXV:MAE

No offtake  
No streams

Global Banking & Research:



Canaccord Genuity

BMO Capital Markets



Shaw and Partners  
Financial Services

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1. Includes shares to be issued under Tranche 2 (24,152,751) of the Equity Raising announced to ASX on 28 March 2024. Tranche 2 shares are subject to shareholder approval to be sought at a general meeting to be held on 20 May 2024. 2. Management performance rights and options unlisted. 3. As at 15 April 2024. 4. As at 1 May 2024. 5. Calculated after the anticipated issue of Tranche 2 Shares which remains subject to shareholder approval. 6. Approximate cash position after including proceeds of \$14.7 million from the Tranche 2 placement (before costs), paying Gold Hunter Resources Inc. for additional ground at Green Bay and subscribing for 8.4% of Maritime Resources Corp which includes the port access agreement. 7. From 1 March 2024 to 1 May 2024.

# 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 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.



**Jessie Liu-Ernsting**

### **Independent Non-Executive Director**

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.



**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**.



**Maddison Cramer**

**COMPANY SECRETARY**  
Cygnus Metals, Midas Minerals, formerly of Bellevue Gold



**Chen Sun**

**CHIEF FINANCIAL OFFICER**  
Formerly of Mincor Resources (Wylloo Consolidated Investments)



**David Southam**

**ADVISOR TO THE BOARD**  
Cygnus Metals and Ramelius Resources, formerly of Mincor Resources, Western Areas and Kidman Resources.  
Experienced in base metal offtake partnerships

# Exceptional In-Country Team



## Management team with in-depth Canadian mining expertise



**Juan Gutierrez**

### **Group Chief Geologist**

Over 17 years' experience in a diverse range of mining projects globally. Juan spent over 6 years with **Northern Star Resources** as Geology Superintendent & was involved in discoveries at Jundee and Yandal totalling over 1Moz Gold. Juan previously worked for **Western Areas** at Flying Fox developing the Spotted Quoll project from the discovery hole to open pit & underground production. Juan also worked at **Energia Minerals & Golder Associates**. Juan has extensive experience from exploration & resource development to production & resource estimation in commodities including gold, nickel and copper.



**Tabatha LeBlanc**

### **Vice President Environment & Community**

25 years of ESG experience in North America, with a proven track record of achieving social & government approvals for companies including **TransCanada & Alliance Pipelines, Marathon PGM Corporation, Sibanye-Stillwater & Generation Mining**. Tabatha oversaw the management & delivery of critical environmental approvals & community agreements including successfully obtaining approval for an Environmental Assessment conducted by a Joint Federal-Provincial Review Panel in Ontario. Tabatha holds extensive experience in integrating ESG into environmental management systems, community outreach and training programs & other business areas.



**Jim Edwards**

### **Exploration Manager**

Exploration Geologist with 20 years' experience at **Goldcorp, Harte Gold, Agnico Mines Limited Falconbridge, Battle Mountain and Miramar**. During his tenure at **Goldcorp**, he participated in converting 3.6 Moz Au to reserves, including the discovery of the Lynx zone in 2010 at **Musselwhite Mine**. This contributed to production guidance more than 260,000oz Au in 2015 and 2016. Most recently, Jim has been responsible for managing **FireFly's Pickle Crow Gold Project**. Jim has a proven track record of delivering resources, while generating an exploration pipeline of quality targets for future growth.



**Gus Simbanegavi**

### **Vice President Operations**

Experienced Mining Engineer with over 25 years of mine operations management & project development. Gus has held several leadership & executive roles in Africa including COO and Director of AIM listed **Bluerock Diamonds** where he was instrumental in the feasibility, development and construction of a 1.0Mtpa diamond mine & processing plant. Gus holds a wealth of experience across a range of commodities including Gold, Platinum, Copper, Nickel, Zinc and Diamonds from his time in senior Executive roles at companies such as: **Aquarius Platinum Mines, Vedanta Zinc International and Zimplats Platinum Mines**.



**Corey Greenham**

### **Environment and Safety Manager**

Health, Safety & Environment professional who has worked in the HSE department for 18 years at **Ming Mine** where he obtained the prestigious **National John T Ryan Safety Award** numerous times. Corey is experienced in both **Canadian Federal** and **Provincial** regulations and is instrumental in Newfoundland & Labrador where he contributes to the overall mining safety structure within the province. He sits on the **Mine Rescue Technical Advisory Committee** and Chairs the **Mining NL Safety Committee**. Corey also sits on the National John T Ryan Awards Committee which provides updates on **OH&S mining regulations within Canada**.



**Bonnie Matthews**

### **Vice President Human Resources**

Over 20 years' experience in Business Management and HR from previous positions with **Tata Steel Minerals Canada** and **Grey Rock Mining** as well as positions with the **Governments of NL** and of **Nunavut**. Bonnie currently sits on the board of **Canadian Manufacturers and Exporters (CME)** in NL, is the current Chairperson of the **NL CME HR Committee**, and is also on the board of **Women in Resource Development for Newfoundland and Labrador**.



# Green Bay Copper–Gold Project



A large-scale VMS mineralised system with two distinct mineralised zones

## Zone 1: High-grade massive sulphide copper and gold zone – Unmined and OPEN <sup>1,2</sup>

<b>46.4m @ 5.6% CuEq (4.6% Cu &amp; 1.2g/t Au)</b> FireFly drilling 16/1/24 MUG23-006	<b>11.2m @ 6.9% CuEq (4.9% Cu &amp; 2.3 g/t Au)</b> FireFly drilling 16/1/24 MUG23-004
<b>20.7m @ 6.4% CuEq (4.4% Cu &amp; 2.1g/t Au)</b> R19-745-04	<b>28.0m @ 4.7% CuEq (3.3% Cu &amp; 1.6g/t Au)</b> R22-795-13
<b>9.3m @ 13.6% CuEq (9.4% Cu &amp; 4.7 g/t Au)</b> RM22-795-15	<b>2.7m @ 19.4% CuEq (13.5% Cu &amp; 7.0 g/t Au)</b> FireFly drilling 16/1/24 MUG23-006
<b>17.8m @ 6.6% CuEq (4.4% Cu &amp; 2.2g/t Au)</b> FireFly drilling 16/1/24 MUG23-003	<b>41.2m @ 7.1% CuEq (5.9% Cu &amp; 1.3 g/t Au)</b> RM22-795-06
<b>16.8m @ 11.2% CuEq (6.7% Cu &amp; 3.5 g/t Au)</b> RM22-795-10	<b>31.6m @ 4.6% CuEq (3.6% Cu &amp; 1.1g/t Au)</b> RM22-795-08
<b>14.7m @ 7.5% CuEq (2.6% Cu &amp; 5.5 g/t Au)</b> FireFly drilling 16/1/24 MUG23-004	<b>13.5m @ 6.4% CuEq (2.3% Cu &amp; 4.9g/t Au)</b> R17-660-30
<b>18.4m @ 6.3% CuEq (4.6% Cu &amp; 1.9 g/t Au)</b> RM22-795-02	<b>49.1m @ 7.7% CuEq (6.2% Cu &amp; 1.8g/t Au)</b> R21-785-17

## Zone 2: Large-scale broad copper footwall zone – Unmined and OPEN <sup>1,2</sup>

<b>65.0m @ 3.40% Cu and 24.3m @ 1.43% Cu</b> (R21-411-16)	<b>29.1m @ 3.16% Cu</b> (R21-620-11)
<b>37.2m @ 2.23 % Cu and 21.1m @ 2.74% Cu</b> (RM06-04c)	<b>49.5m @ 2.57% Cu</b> (R19-695-03)
<b>53.0m @ 2.49 % Cu</b> (R22-510-14)	<b>17.4m @ 3.18% Cu and 30m @ 1.45% Cu</b> (RM06-04e)
<b>42.0m @ 1.94 % Cu</b> (RM08-08k)	<b>18.2m @ 2.15% Cu and 22.5m @ 2.08% Cu</b> (RM07-08f)
<b>31.7m @ 2.05% Cu and 8.7m @ 2.43% Cu</b> (RM06-04m)	<b>102.0m @ 1.70% Cu</b> (RM06-04e)
<b>44.6m @ 2.13% Cu</b> (R22-510-05)	<b>27.4m @ 2.30% Cu</b> (R17-411-22)

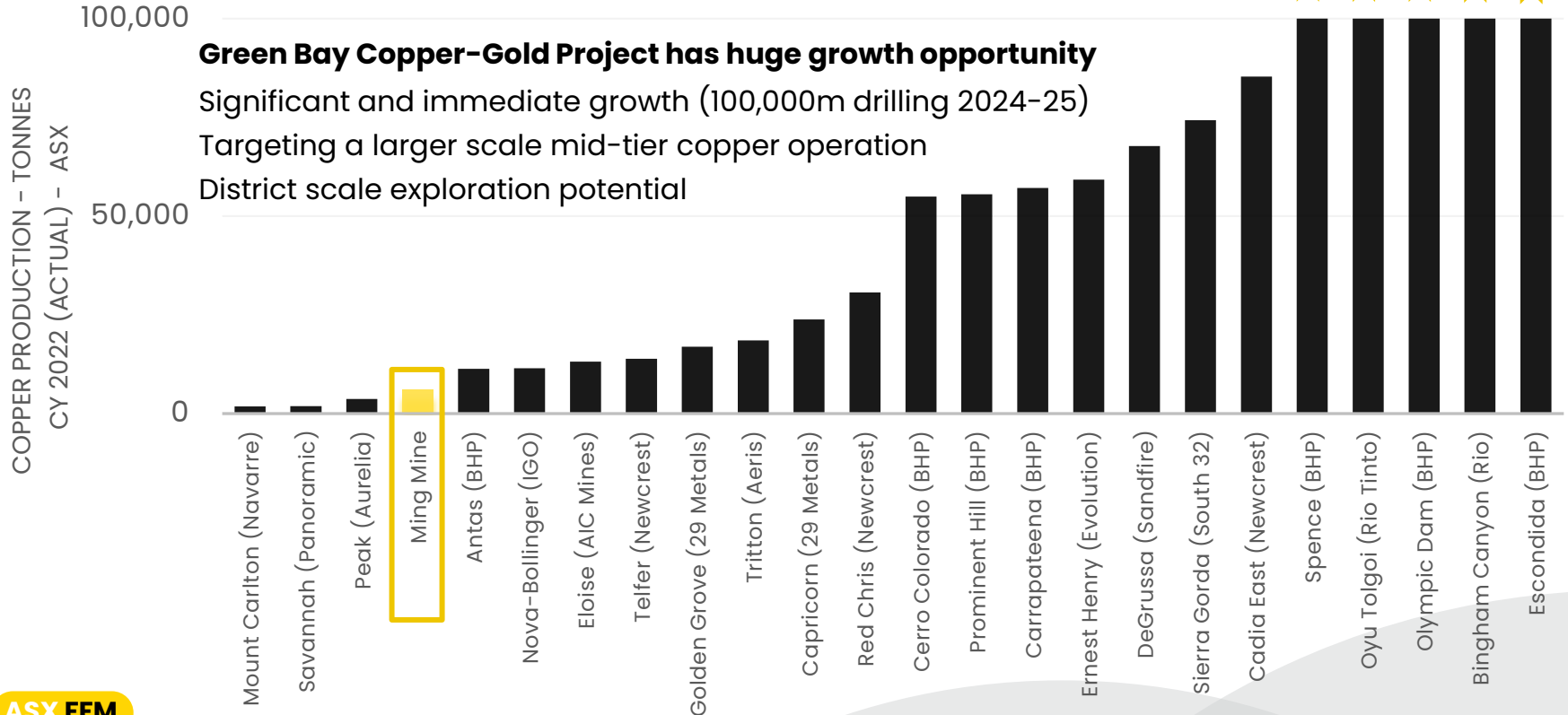
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1. Drill hole intersections are reported as down hole widths.
2. Drilling metal equivalents have been calculated at a copper price of US\$8,300/t, gold price of US\$2,000/oz, silver price of US\$25/oz and zinc price of US\$2,500/t. Copper equivalent was calculated based on the formula  $CuEq (\%) = Cu(\%) + (Au (g/t) \times 0.77472) + (Ag (g/t) \times 0.00968) + (Zn (\%) \times 0.3012)$ . No metallurgical recovery factors have been applied to the calculation. All elements included in the calculation have a reasonable probability of being recovered and sold.

# A Lack of Quality Copper Opportunities on the ASX



Very few ASX-listed companies with over 30,000 tonnes of attributable copper production in 2022



1. Data Source: S&P Global, CY2022 Copper production >1kt Cu for ASX listed companies. Please see Appendix 4 for original source data.

# Green Bay Copper-Gold Highlights (100% FFM Ownership)

A low-cost acquisition that transforms FireFly into a leading ASX copper-gold developer



## Upside

### Significant Resource Growth

- Mineralisation is open
- Multiple parallel lodes
- No regional exploration in the past 25 years
- Geophysical targeting

### Operational Upside

- Drilling to demonstrate a significantly larger resource to underscore a significantly larger operation



## Mines

### Operationally ready UG mine

- Ming Mine open and accessible to 950m depth
- Simple continuous high-grade orebodies
- Dewatered ready to go (currently on care and maintenance)
- Numerous stopes ready to mine
- Multiple drill ready UG platforms



## Resources

### High Grade Copper-Gold

- Current resource of 39.2Mt @ 1.83% copper & 0.5g/t gold for 811kt at 2.07% copper equivalent<sup>1</sup>
- Orebody starts from only 250m below surface and extends to 1000m (OPEN)
- High-confidence with 68% in M&I category<sup>1</sup>
- Simple metallurgy ~96%
- 370koz Au & 3.4Moz Ag



## Infrastructure

### +A\$250M of Infrastructure

- Fully permitted operation
- >20km of underground development
- Processing Plant - Crushing & Flotation 1,500tpd / 500ktpa
- Deepwater Port ~1Mtpa concentrate shipping capacity
- Shaft to 630m depth (6mx3m)
- Hydro Power (low cost & green energy)
- Surface workshops, offices & 50-person camp

# Newfoundland A Maritime & Mining Province

## A True Tier 1 Mining Jurisdiction

- Strong government support
- Rated top 4 2022 Fraser Institute
- Skilled mining workforce readily available
- Track record of expedited mine permitting
- Mining sector contributes +32% of NL GDP<sup>3</sup>

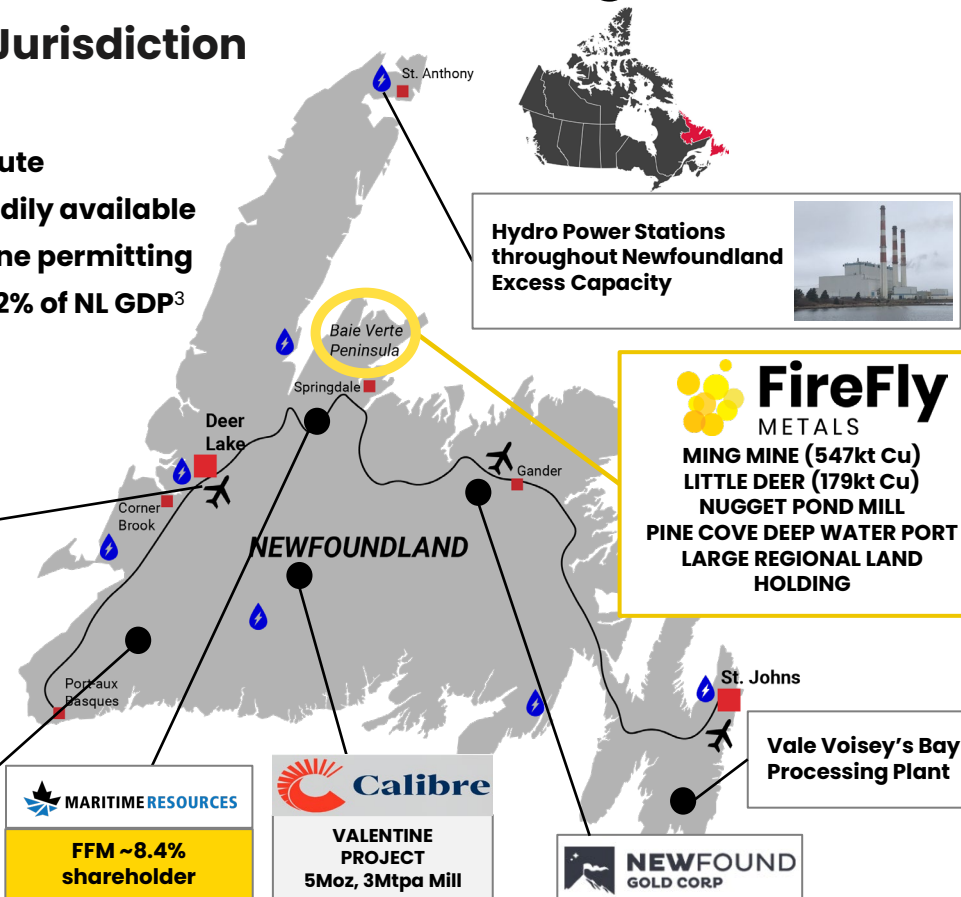
Project is accessible 365 days a year by road, air and sea  
Multiple daily flights to Deer Lake, Gander & St Johns

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



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1. Prepared in accordance with Canadian National Instrument 43-101. Please refer to previous disclaimer detailing the Foreign Estimate.  
2. Metal equivalents calculated using a copper price of US\$8,295/t, gold price of US\$1,912/oz and a silver price of US\$22.59/oz  
3. Data Source: Statista Distribution of gross domestic product of Newfoundland and Labrador, Canada in 2021 by industry



Hydro Power Stations throughout Newfoundland Excess Capacity

**FireFly METALS**  
MING MINE (547kt Cu)  
LITTLE DEER (179kt Cu)  
NUGGET POND MILL  
PINE COVE DEEP WATER PORT  
LARGE REGIONAL LAND HOLDING

MARITIME RESOURCES  
FFM ~8.4% shareholder

Calibre  
VALENTINE PROJECT  
5Moz, 3Mtpa Mill

NEWFOUND GOLD CORP  
\$1.2bn Gold Developer

Vale Voisey's Bay Processing Plant



Ming UG Mine & Little Deer Cu-Au Mine Complex



39.2Mt @ 1.83%Cu & 0.5g/t Au for 811kt at 2.07% CuEq<sup>1,2</sup>

Nugget Pond Processing Plant



- Conventional 500ktpa / 1,500tpd crushing, grinding & flotation circuit
- 96% copper recoveries

Pine Cove Deepwater Port



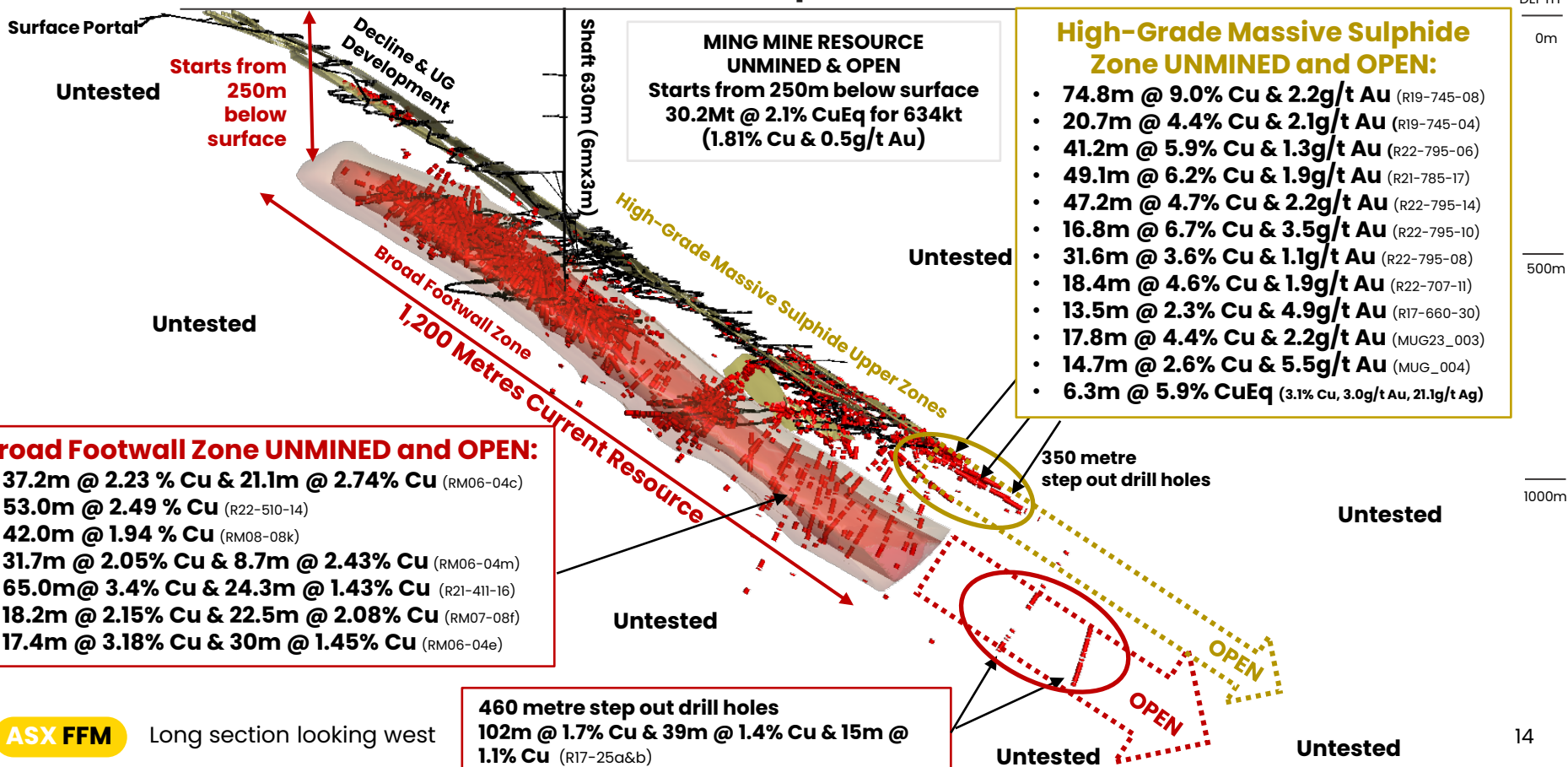
- 1Mtpa Concentrate shipping capacity
- Only 6km from Ming mine<sup>12</sup>
- 50,000t Panamax ships

# On Location – Green Bay, all set up ready to go



# A Major VMS Copper-Gold Mineralised System

Two distinct mineralised zones – Both zones open



DEPTH

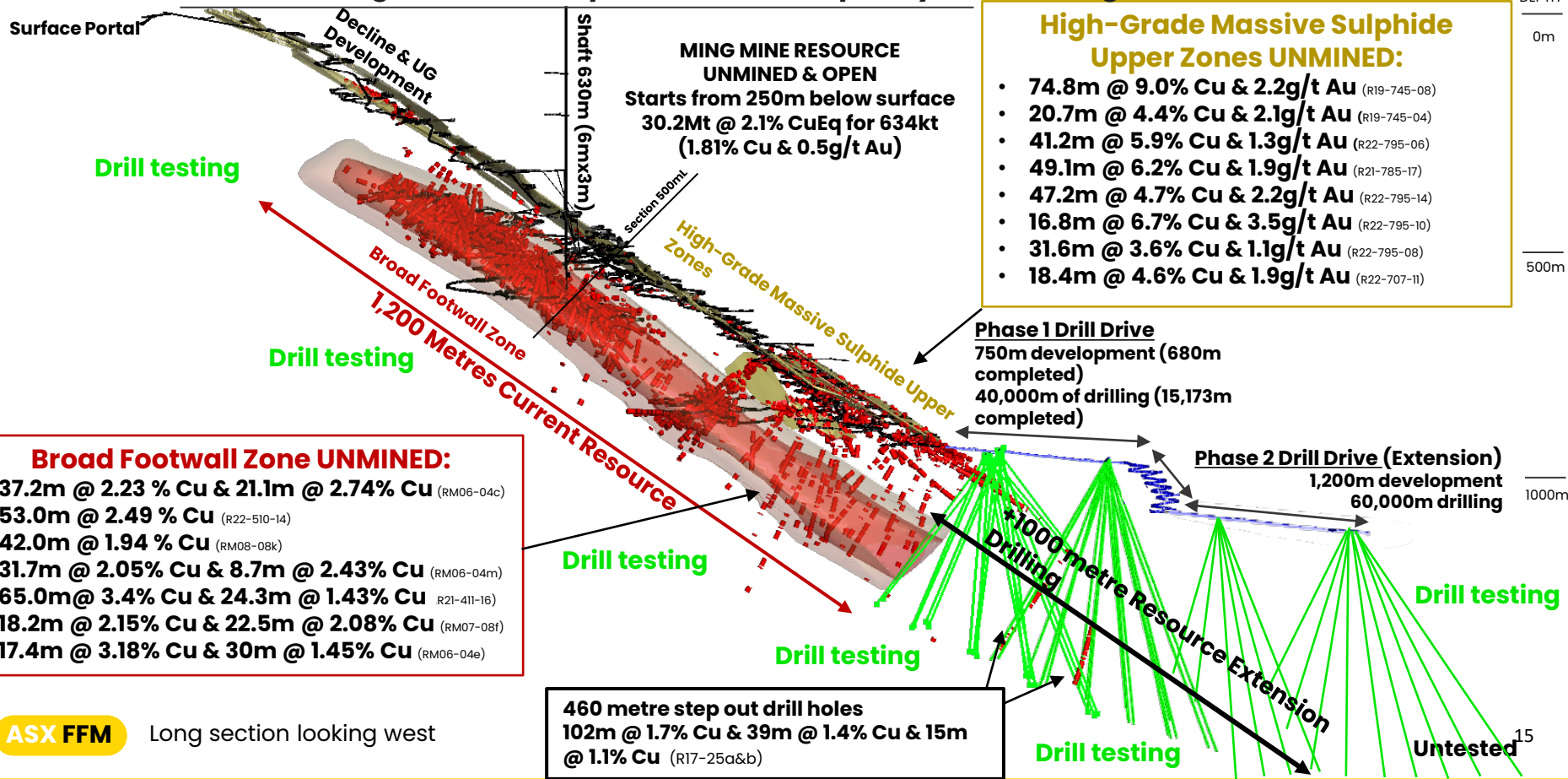
0m

500m

1000m

# A Major VMS Copper-Gold Mineralised System

30Mt resource with underground development & shaft & plenty of room to grow!



## High-Grade Massive Sulphide Upper Zones UNMINED:

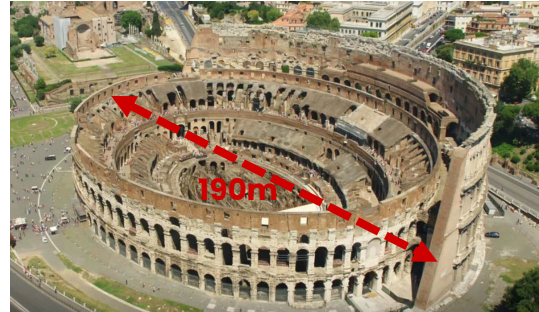
- 74.8m @ 9.0% Cu & 2.2g/t Au (R19-745-08)
- 20.7m @ 4.4% Cu & 2.1g/t Au (R19-745-04)
- 41.2m @ 5.9% Cu & 1.3g/t Au (R22-795-06)
- 49.1m @ 6.2% Cu & 1.9g/t Au (R21-785-17)
- 47.2m @ 4.7% Cu & 2.2g/t Au (R22-795-14)
- 16.8m @ 6.7% Cu & 3.5g/t Au (R22-795-10)
- 31.6m @ 3.6% Cu & 1.1g/t Au (R22-795-08)
- 18.4m @ 4.6% Cu & 1.9g/t Au (R22-707-11)

## Broad Footwall Zone UNMINED:

- 37.2m @ 2.23 % Cu & 21.1m @ 2.74% Cu (RM06-04c)
- 53.0m @ 2.49 % Cu (R22-510-14)
- 42.0m @ 1.94 % Cu (RM08-08k)
- 31.7m @ 2.05% Cu & 8.7m @ 2.43% Cu (RM06-04m)
- 65.0m @ 3.4% Cu & 24.3m @ 1.43% Cu (R21-411-16)
- 18.2m @ 2.15% Cu & 22.5m @ 2.08% Cu (RM07-08f)
- 17.4m @ 3.18% Cu & 30m @ 1.45% Cu (RM06-04e)

# Consistent and Continuous Large Scale Ore Bodies

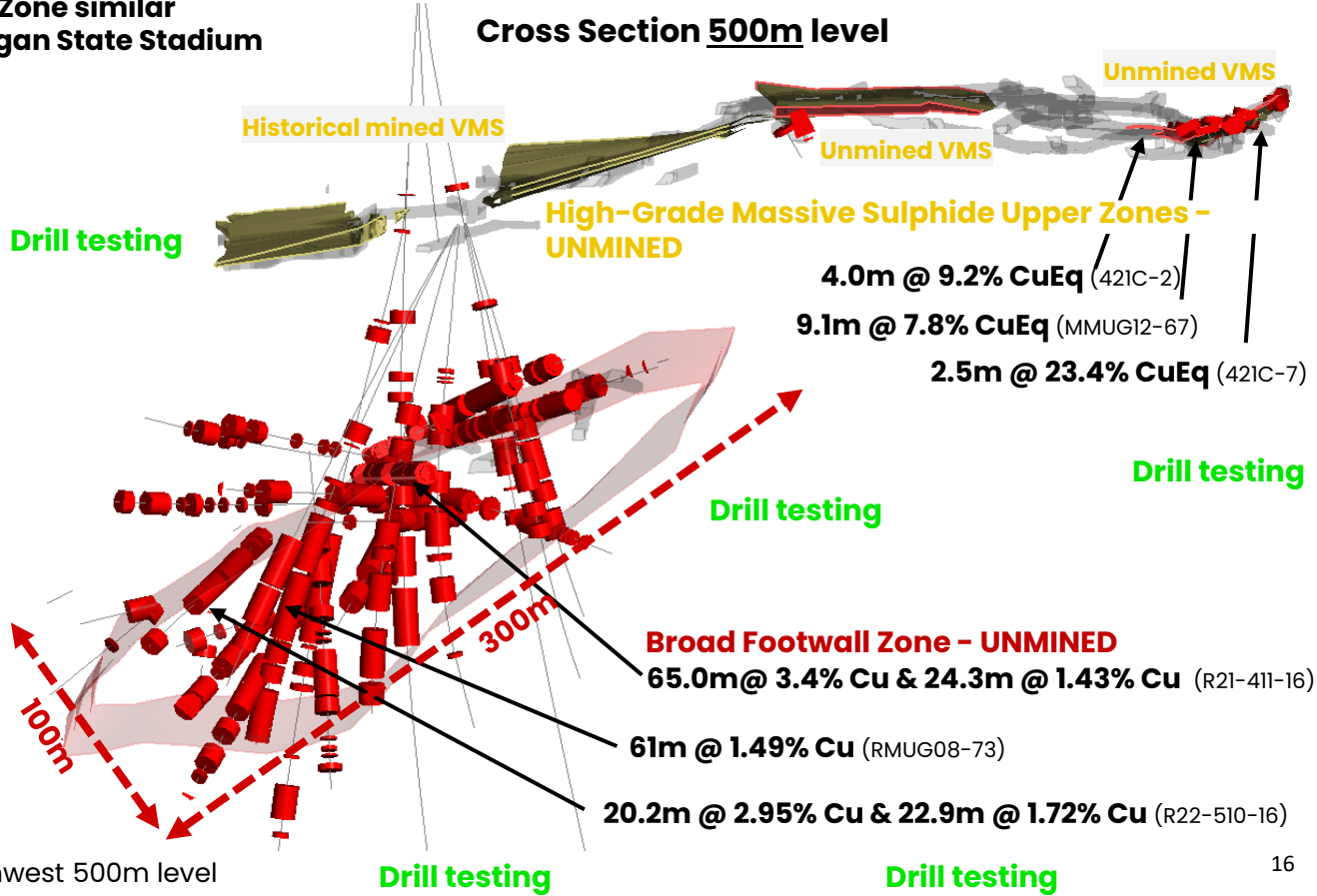
Large-Scale VMS Orebodies: Footwall Zone similar widths to Rome Colosseum and Michigan State Stadium



ASX FFM

Cross section looking southwest 500m level

Cross Section 500m level



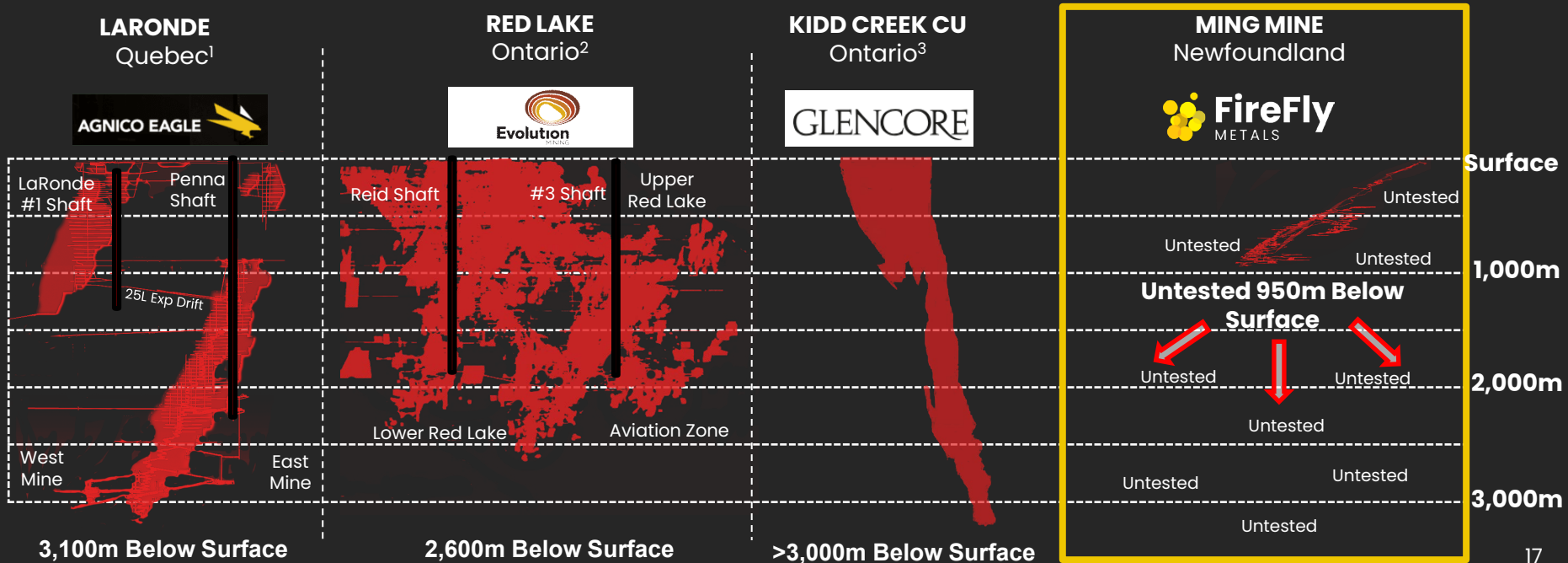


# Excellent Ground Conditions

## 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. Modified from news release dated Nov 2, 2021; 2. Modified from Evolution site visit presentation dated Sep 14, 2022; 3. Modified from <http://www.womp-int.com/story/2008vol7/story024.htm>

# Underground Mine is Ready and Fully Operational



- Underground drilling already ~15,500m completed
- Two drill rigs operating (double meters and news flow)
- Third drill rig mobilising (targeting new discoveries)
- Underground drill drive already 680m completed
- Exceptional geotechnical ground conditions
- Decline accessible to 1,000m & Shaft to 630m
- Dewatered and mine operations permitted

**Massive Sulphide  
High-Grade Copper-Gold**

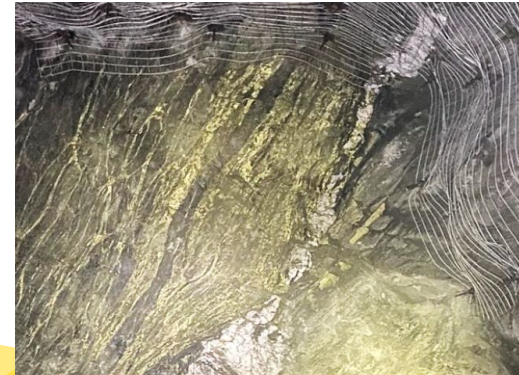


**Development Drive**

**Excellent Underground Conditions  
(~10 metre wide development at 750 level)**

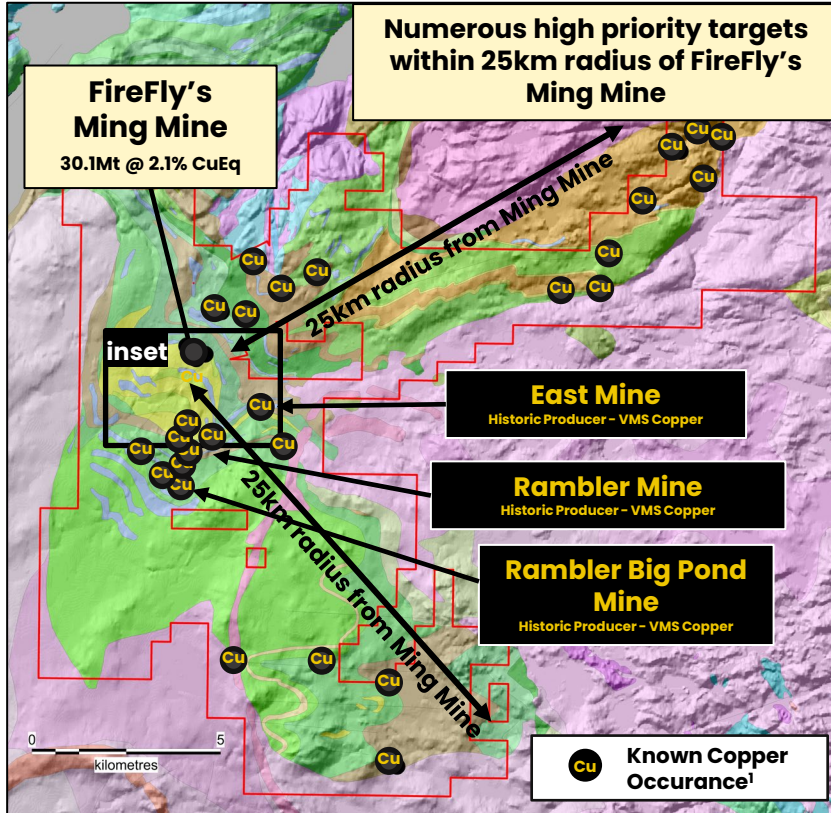


**High-Grade Development Face**



# Exceptional Regional Discovery Potential

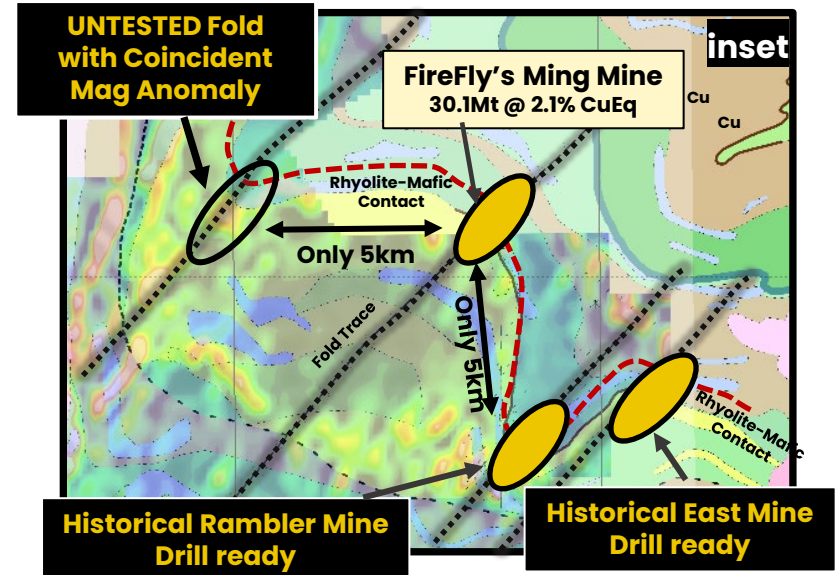
Major landholder in a world-class copper gold VMS district



## Significant Camp-Scale Land Holding

FireFly has recently acquired:

- Three historic producing copper mines and no modern exploration
- Numerous 'walk up' regional copper & gold targets
- Geophysical targeting along with mapping and drilling



# Rapid Resource and Mine Growth Over Next 18 Months



Well-funded for significant velocity of news flow through 2024 – 2025

Milestone <sup>1</sup>	Q4 23	Q1 24	Q2 24	Q3 24	Q4 24	Q1 25	Q2 25	Q3 25	Q4 25
<b>2024 – 2025 PROGRAM</b>									
Green Bay Project Acquisition <i>15 Oct 2023</i>	✓								
UG Drill Drive Phase 1 ~750m (~550m completed)		↔							
UG Drill Drive Phase 2 ~1200m				↔					
UG Resource Drilling 2x rigs VMS and FWZ Extensions 100,000m (10,750m completed)		↔							
Resource Updates				●			●		●
Geophysical targeting			↔						
Discovery mine drilling 1x rigs			↔						
New and geophysical targets			↔						
Regional Targeting Geophysics, mapping, drilling			↔			●	↔		●
Upscaled Production & Engineering Studies									

## 2024 – 2025 Key Deliverables

- Underground development drill drive phase 1 ~750m (~680m completed to date) followed immediately by phase 2 extension for a further ~1,200m
- Underground drill platforms phase 1 completed
- 2x underground drill rigs underway targeting resource growth ~15,500m of ~100,000m completed
- 3<sup>rd</sup> underground drill rig commencing in coming weeks targeting new UG discoveries
- Geophysical equipment arriving in coming weeks to identify new 'walk-up' drill targets
- Regional targeting commencing Qtr2 using geophysics, mapping and surface drilling
- Upscaled production & engineering studies commencing Qtr2

# 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\$52 Million<sup>2</sup> for Immediate Growth Throughout 2024-2025**

## **GREEN BAY COPPER-GOLD**

- **A fully operational underground mine in tier one mining jurisdiction**
- **High-grade resources of 39.2Mt @ 1.83% copper and 0.5g/t gold for 811kt @ 2.07% Copper Equivalent<sup>1</sup>**
- **Immediate and rapid resource growth: 100,000m drilling 2024-25**
- **Significant upscaling for a mid-tier copper operation**
- **A\$250M of Infrastructure including UG mines, shaft, declines, processing plant, deep water port, camp and hydro power**



## **PICKLE CROW GOLD PROJECT**

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

1. Prepared in accordance with Canadian National Instrument 43-101. Please refer to previous disclaimer detailing the Foreign Estimate and metal equivalents calculations.

2. Approximate cash position after including proceeds from the Tranche 2 placement (before costs) as announced to ASX on 28 March 2024, and after paying Gold Hunter Resources Inc. for additional ground at Green Bay and subscribing for 8.4% of Maritime Resources Corp which includes the port access agreement. Receipt of \$14.7 million (before costs) in funds under Tranche 2 of the placement remains subject to receipt of shareholder approval at a general meeting to be held on 20 May 2024.

# Supplementary Information



- Appendix 1. **Pickle Crow Gold Deposit 2.8Moz @ 7.2g/t Gold**
- Appendix 2. **FireFly Metals Mineral Resources**
- Appendix 3. **FireFly Green Bay Project further information**
- Appendix 4. **2022 Copper Production Data**

# Appendix 1 – Pickle Crow Gold Deposit – The Perfect Addition



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



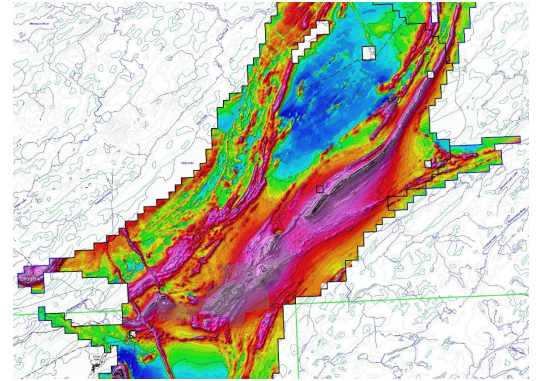
### LOCATION

- 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



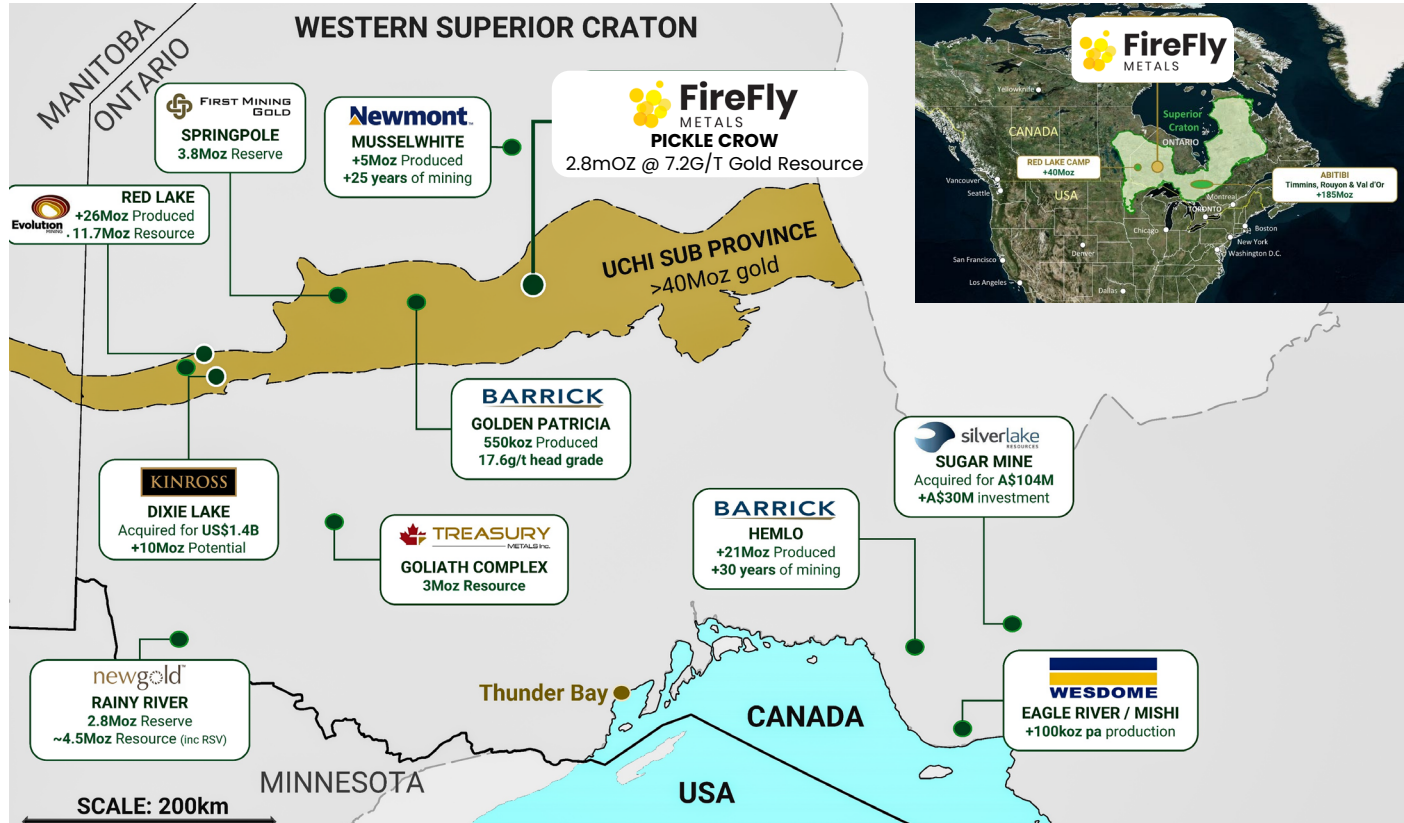
### UPSIDE

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

# Appendix 1 – An Exceptional Asset in a World-Class Location

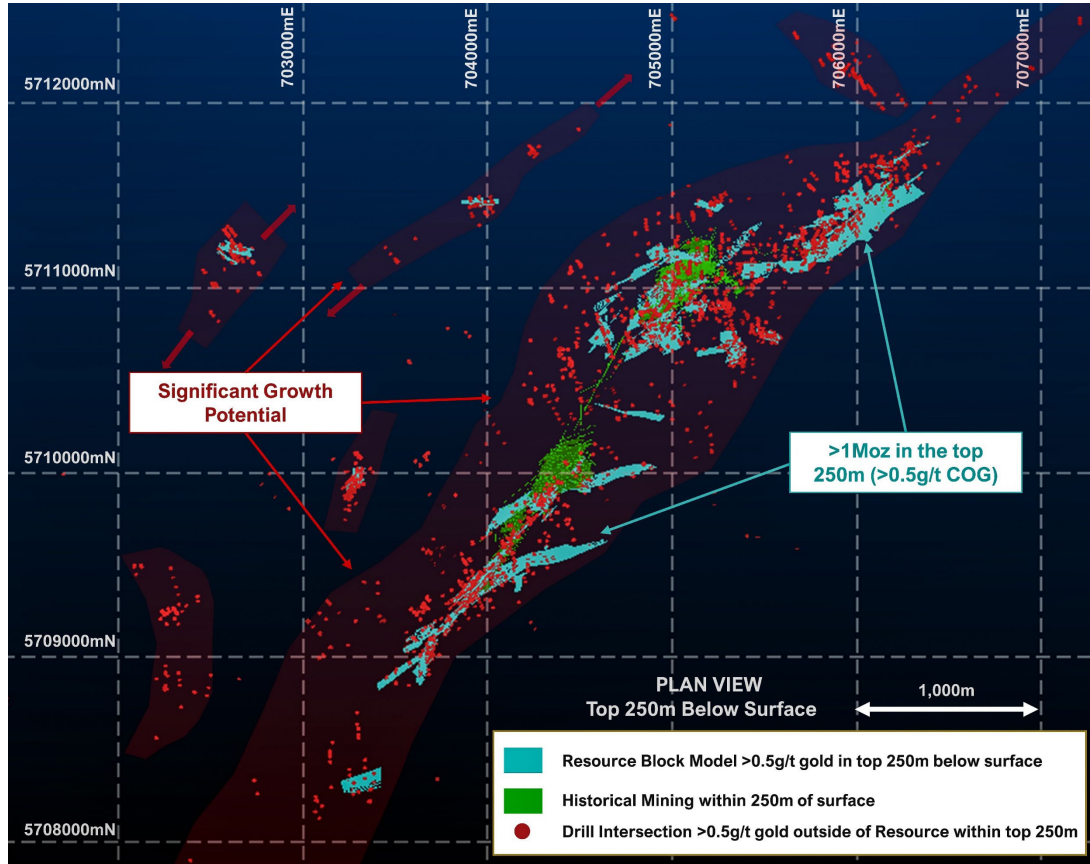


## Pickle Crow Gold Deposit is surrounded by World-Class Gold Mines





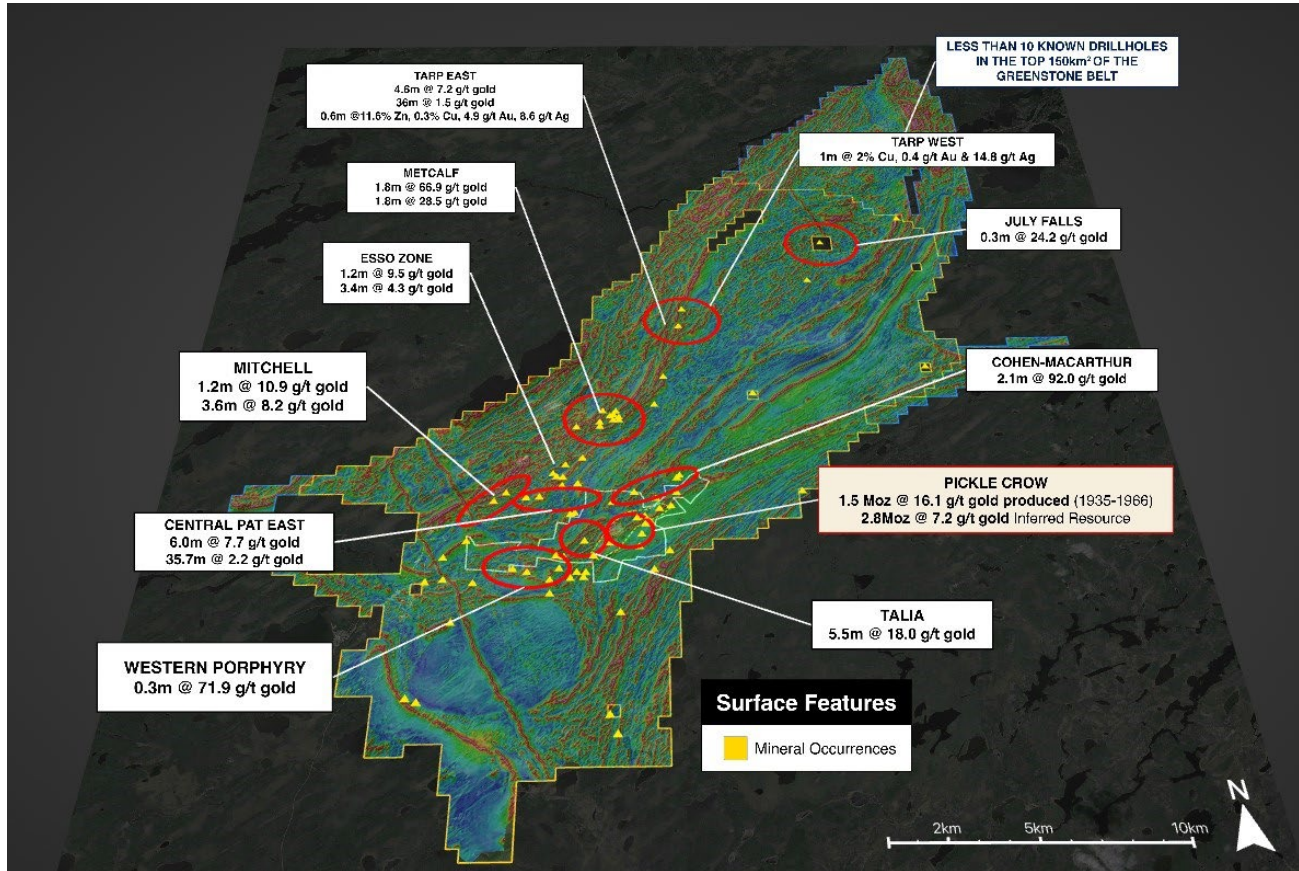
# Appendix 1 – Significant Shallow Open Pit Potential



## 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

# Appendix 1 – 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 2 – FireFly Metals Resources



## Mineral Resources – Green Bay Copper – Gold Project<sup>1</sup>

MING MINE	Measured			Indicated			Inferred			TOTAL RESOURCE		
	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Copper	8.4Mt	1.71%	144kt	15.3Mt	1.85%	284kt	6.4Mt	1.86%	120kt	30.2Mt	1.81%	547kt
Gold		0.5g/t	124koz		0.3g/t	148koz		0.4g/t	79koz		0.4g/t	351koz
Silver		3.6g/t	962koz		2.4g/t	1,164koz		2.6g/t	537koz		2.8g/t	2,664koz

LITTLE DEER	Measured			Indicated			Inferred			TOTAL RESOURCE		
	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Copper	-	-	-	2.8Mt	2.13%	61kt	6.2Mt	1.79%	111kt	9.1Mt	1.90%	172kt
Gold	-	-	-		0.1g/t	9koz		0.05g/t	9koz		0.07g/t	19koz
Silver	-	-	-		3.4g/t	-		2.2g/t	-		2.6g/t	748koz

**Total Resource:** 39.2Mt @ 1.83% Cu, 0.29g/t Au & 2.7g/t Ag  
**Contained Metal:** 719kt Cu, 370koz Au, 3.4Moz Ag

68% of the Copper is in M&I

## Mineral Resources – Pickle Crow Gold Project<sup>2</sup>

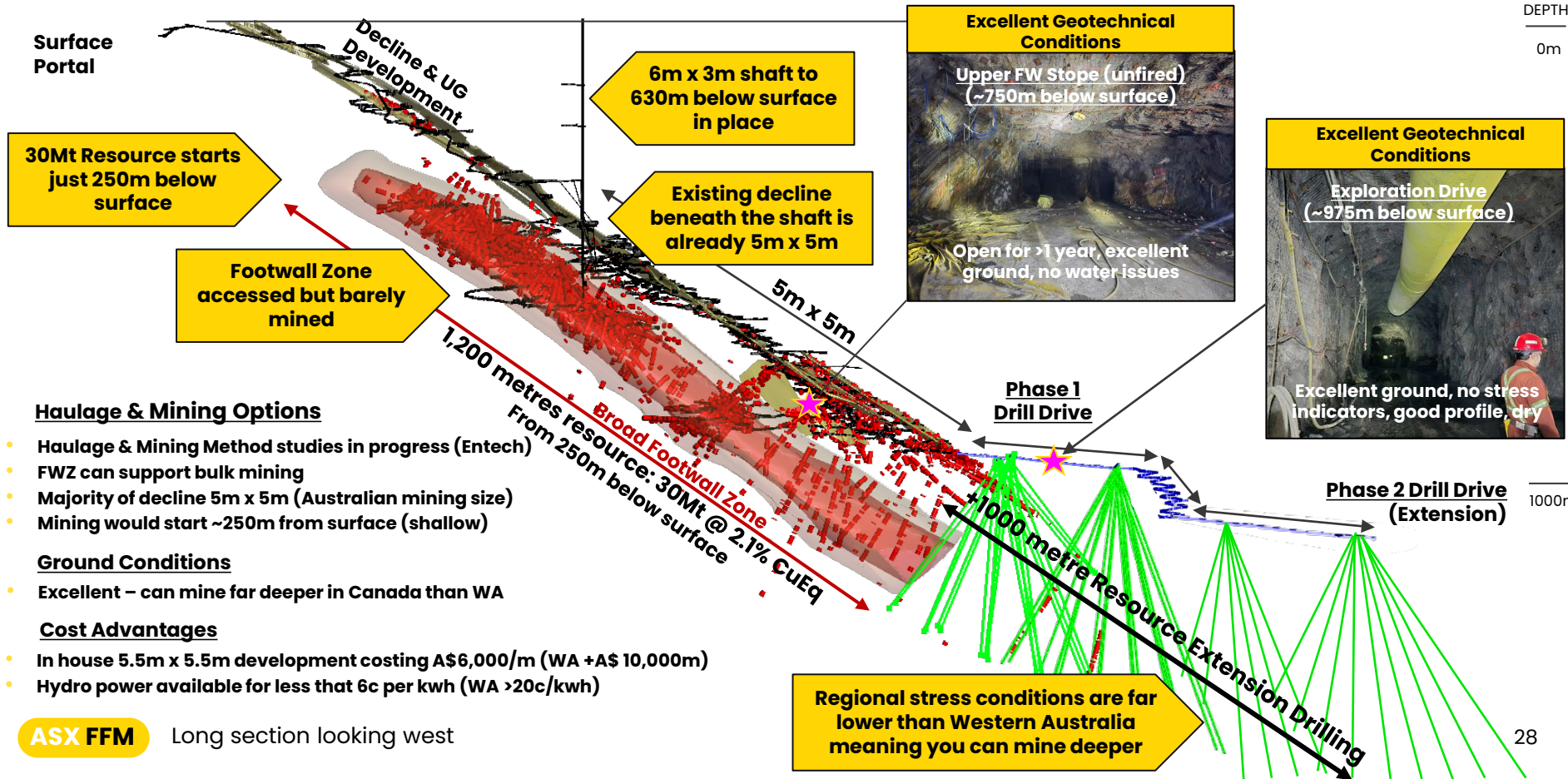
PICKLE CROW	Measured			Indicated			Inferred			TOTAL RESOURCE		
	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Gold	-	-	-	-	-	-	11.9Mt	7.2g/t	2.8Moz	11.9Mt	7.2g/t	2.8Moz

1. For further details refer to FireFly ASX announcement dated August 31, 2023. 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 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. Metal equivalents calculated using a copper price of US\$8,295/t, gold price of US\$1,912/oz and a silver price of US\$22.59/oz. Copper equivalent was calculated based on the formula  $CuEq(\%) = Cu(\%) + (0.7412 \times Au(g/t)) + (0.00876 \times Ag(g/t))$ . No metallurgical recovery factors have been applied to the in-situ resource. It is the Company's view that all elements in the copper equivalent calculation have a reasonable potential to be recovered and sold.

2. For further details refer to FireFly ASX announcement dated May 4, 2023 titled 'High-Grade Inferred Gold Resource Grows to 2.8Moz at 7.2g/t'

# Appendix 3 – Green Bay Project Additional Information

## Existing Infrastructure = Lower Capex and Rapid Start-up



### 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

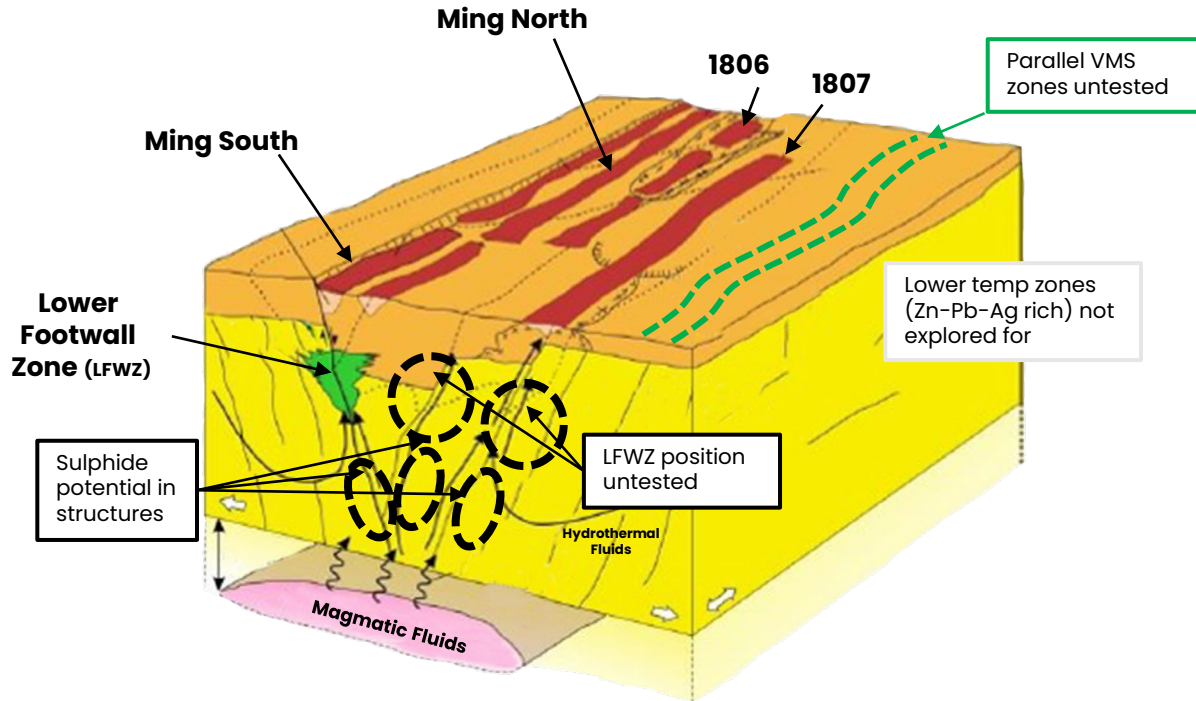
- Excellent – can mine far deeper in Canada than WA


### 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)

# Green Bay Project Exploration Targeting

## MING DEPOSIT MODEL HIGHLIGHTS EXCEPTIONAL EXPLORATION UPSIDE<sup>1</sup>



 Volcanogenic Massive Sulphide (VMS) Mineralisation

 Stringer / Disseminated Mineralisation (Feeder)

### EXPLORATION OPPORTUNITY

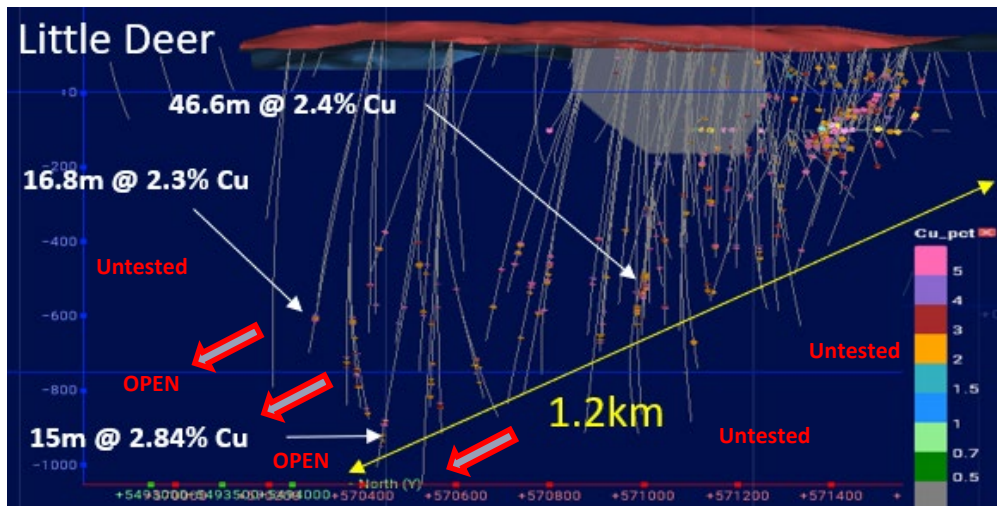
- Limited exploration has been conducted in the past 40 years – a key opportunity
- Downhole geophysics is a powerful exploration tool for this type of ore...and rarely been used by previous company
- Because the mine was hand-to-mouth, there has been limited exploration outside of the known ore zones

### 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

# Green Bay Project – Nearby Little Deer Cu-Au Complex

An unrealised opportunity with significant growth upside



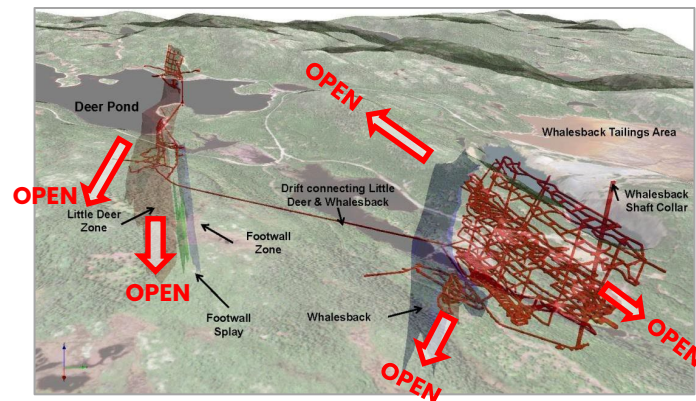
CURRENT RESOURCE

LITTLE DEER	TOTAL RESOURCE		
	Tonnes	Grade	Metal
Copper	9.1Mt	1.90%	172kt
Gold		0.07g/t	19koz
Silver		2.6g/t	748koz

ASX FFM

## TWO HISTORICAL MINES WITH NO MODERN EXPLORATION

- Little Deer and Whalesback deposits mined between 1960 and 1972 (historic production of 3.8Mt @ 1% Cu)
- Significant land holding (~90km<sup>2</sup>)
- Little exploration work undertaken
- No modern geophysics
- Mineralisation open

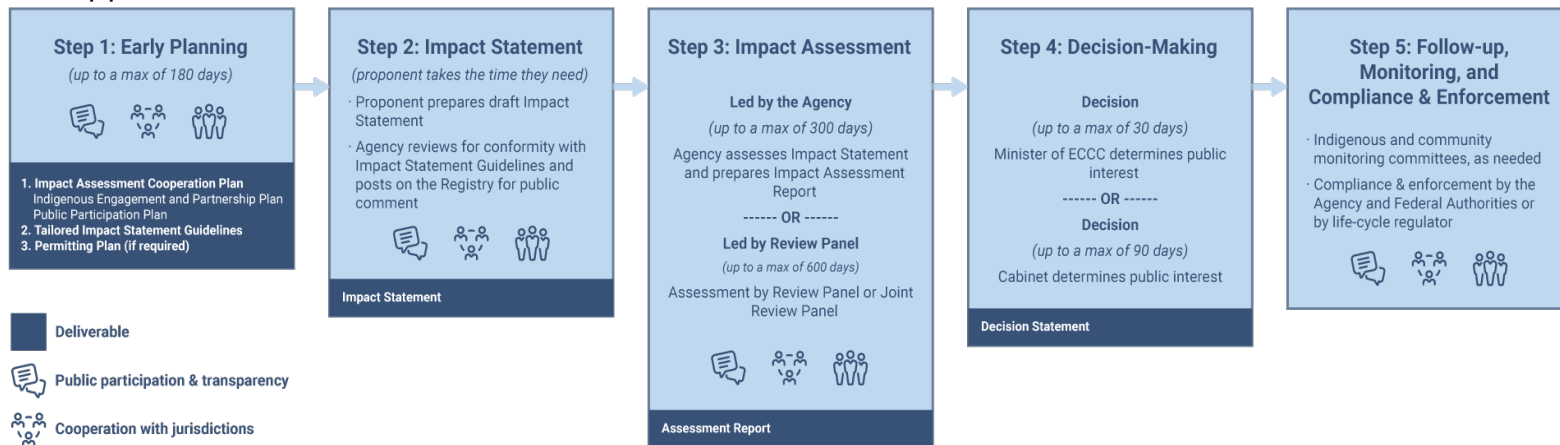


# Permitting in Newfoundland & Labrador

## Strong government support and leveraging existing permits to fast-track any future expansion

### The Federal Environmental Assessment (EA) Process Impact Assessment Act 2019

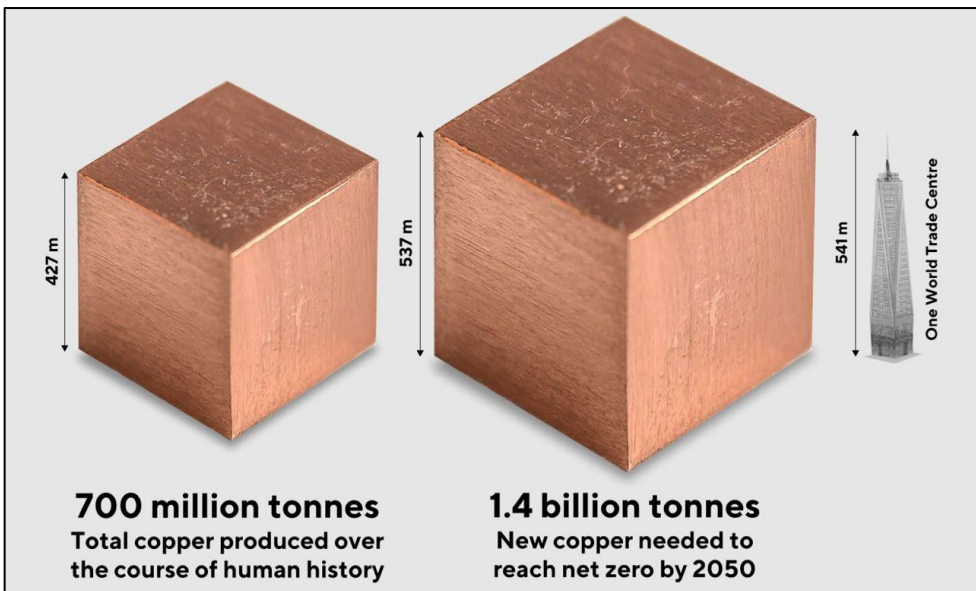
- In Canada, approvals are Province-based, however for large-scale projects Federal government environmental approval is required
- The current mine operation is fully permitted for current infrastructure, however a significant expansion may trigger a Federal EA approval
- The Federal EA can be completed in < 3 years with:
  - Strong government relations
  - Clear and well-designed project description
  - Robust baseline studies completed
  - Support and agreements with key communities



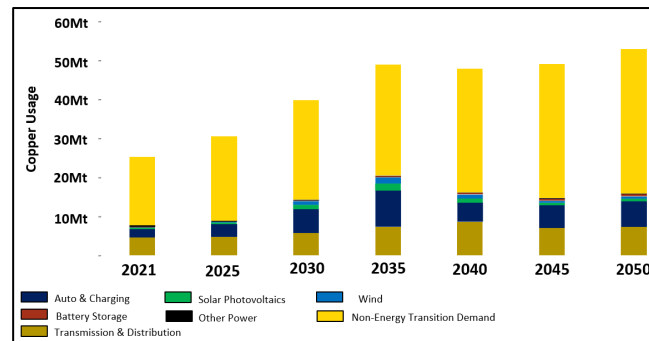
- Deliverable
- Public participation & transparency
- Cooperation with jurisdictions
- Engagement with Indigenous peoples

# Copper – The Macro Landscape

Nearly twice the amount of copper mined in human history is required in the next 27 years to achieve net zero by 2050<sup>1,2</sup>



- **700mt** of Cu have been mined in the **previous 3,000 years**
- **1,400mt** are required in the **next 27 years** to achieve net zero by 2050, equating to more than **300 new mines**



## Global Copper Mining Issues

- **Decreasing copper grades**
- **Reduced discovery rates**
- **Time and cost to production**
- **Mining is getting deeper**
- **Social License becoming more challenging**

1. Source: <https://energyminute.ca/infographics/the-volume-of-2050-net-zero-copper-demand/>

2. Source: modified from 'The Future of Copper', S&P Global Report, July 2022



# Appendix 4 – 2022 Copper Production Data



## S&P GLOBAL – 2022 Asset Copper Production Source Data

PROPERTY	CURRENT OWNER	2022 Cu PRODUCTION (Tonnes)	SOURCE DATA
Mount Carlton Peak	Navarre Minerals Ltd. Aurelia Metals Ltd.	1,838 NA	<a href="https://minedocs.com/23/Navarre-PR-06302022.pdf">https://minedocs.com/23/Navarre-PR-06302022.pdf</a> <a href="https://www.listcorp.com/asx/ami/aurelia-metals-limited/news/quarterly-activities-report-june-2022-2739995.html">https://www.listcorp.com/asx/ami/aurelia-metals-limited/news/quarterly-activities-report-june-2022-2739995.html</a>
Savannah	Panoramic Resources Ltd.	1,908	<a href="https://www.listcorp.com/asx/pan/panoramic-resources/news/quarterly-activities-report-2866691.html">https://www.listcorp.com/asx/pan/panoramic-resources/news/quarterly-activities-report-2866691.html</a>
Antas	BHP Group Ltd.	11,378	<a href="https://www.listcorp.com/asx/ozl/oz-minerals/news/oz-minerals-2022-fourth-quarter-report-2828482.html">https://www.listcorp.com/asx/ozl/oz-minerals/news/oz-minerals-2022-fourth-quarter-report-2828482.html</a>
Nova-Bollinger	IGO Ltd.	11,483	<a href="https://www.igo.com.au/site/pdf/9a655d64-21c1-4bc6-8d55-b03d82a29377/June-2022-Quarterly-Activities-Report.pdf">https://www.igo.com.au/site/pdf/9a655d64-21c1-4bc6-8d55-b03d82a29377/June-2022-Quarterly-Activities-Report.pdf</a>
Eloise	AIC Mines Ltd.	13,151	<a href="https://www.listcorp.com/asx/aln/aic-mines-limited/news/quarterly-activities-report-2736854.html">https://www.listcorp.com/asx/aln/aic-mines-limited/news/quarterly-activities-report-2736854.html</a>
Telfer	Newcrest Mining Ltd.	13,904	<a href="https://www.newcrest.com/sites/default/files/2022-07/220721_Newcrest%20Jun%202022%20Quarterly%20Report.pdf">https://www.newcrest.com/sites/default/files/2022-07/220721_Newcrest%20Jun%202022%20Quarterly%20Report.pdf</a>
Golden Grove	29Metals Ltd.	16,938	<a href="https://global-uploads.webflow.com/640b21824379a3d73f0eecd6/643e1dda8e60d8aalf05d70f_20230124-29M-Dec-Qtr-2022%20Report_vF.pdf">https://global-uploads.webflow.com/640b21824379a3d73f0eecd6/643e1dda8e60d8aalf05d70f_20230124-29M-Dec-Qtr-2022%20Report_vF.pdf</a>
Tritton	Aeris Resources Ltd.	18,581	<a href="https://clients3.weblink.com.au/pdf/AIS/02541591.pdf">https://clients3.weblink.com.au/pdf/AIS/02541591.pdf</a>
Capricorn Copper	29Metals Ltd.	23,824	<a href="https://global-uploads.webflow.com/640b21824379a3d73f0eecd6/643e1dda8e60d8aalf05d70f_20230124-29M-Dec-Qtr-2022%20Report_vF.pdf">https://global-uploads.webflow.com/640b21824379a3d73f0eecd6/643e1dda8e60d8aalf05d70f_20230124-29M-Dec-Qtr-2022%20Report_vF.pdf</a>
Red Chris	Newcrest Mining Ltd.	30,665	<a href="https://imperialmetals.com/assets/docs/2023-01-24-iii-nr.pdf">https://imperialmetals.com/assets/docs/2023-01-24-iii-nr.pdf</a>
Cerro Colorado	BHP Group Ltd.	55,000	<a href="https://www.londonstockexchange.com/news-article/BHP/quarterly-activities-report/16048237">https://www.londonstockexchange.com/news-article/BHP/quarterly-activities-report/16048237</a>
Prominent Hill	BHP Group Ltd.	55,547	<a href="https://www.listcorp.com/asx/ozl/oz-minerals/news/oz-minerals-2022-fourth-quarter-report-2828482.html">https://www.listcorp.com/asx/ozl/oz-minerals/news/oz-minerals-2022-fourth-quarter-report-2828482.html</a>
Carrapateena	BHP Group Ltd.	57,139	<a href="https://www.listcorp.com/asx/ozl/oz-minerals/news/oz-minerals-2022-fourth-quarter-report-2828482.html">https://www.listcorp.com/asx/ozl/oz-minerals/news/oz-minerals-2022-fourth-quarter-report-2828482.html</a>
Ernest Henry	Evolution Mining Ltd.	NA	<a href="https://evolutionmining.com.au/wp-content/uploads/2022/10/Evolution-Annual-Report-2022.pdf">https://evolutionmining.com.au/wp-content/uploads/2022/10/Evolution-Annual-Report-2022.pdf</a>
DeGrussa	Sandfire Resources Ltd.	67,740	<a href="https://www.sandfire.com.au/wp-content/uploads/2023/03/Sandfire.June2022QuarterlyReport.pdf">https://www.sandfire.com.au/wp-content/uploads/2023/03/Sandfire.June2022QuarterlyReport.pdf</a>
Sierra Gorda	KGHM Polska Miedz SA	165,091	<a href="https://kghm.com/en/preliminary-production-and-sales-data-kghm-polska-miedz-sa-group-december-2022?_sm_a_u_ii=HVV5WrJSHZVHj7JK0f4KH0V78M3">https://kghm.com/en/preliminary-production-and-sales-data-kghm-polska-miedz-sa-group-december-2022?_sm_a_u_ii=HVV5WrJSHZVHj7JK0f4KH0V78M3</a>
Cadia East	Newcrest Mining Ltd.	85,383	<a href="https://www.newcrest.com/sites/default/files/2022-07/220721_Newcrest%20Jun%202022%20Quarterly%20Report.pdf">https://www.newcrest.com/sites/default/files/2022-07/220721_Newcrest%20Jun%202022%20Quarterly%20Report.pdf</a>
Spence	BHP Group Ltd.	115,000	<a href="https://www.londonstockexchange.com/news-article/BHP/quarterly-activities-report/16048237">https://www.londonstockexchange.com/news-article/BHP/quarterly-activities-report/16048237</a>
Oyu Tolgoi	Rio Tinto Group	129,500	<a href="https://www.riotinto.com/en/news/releases/2023/rio-tinto-releases-fourth-quarter-production-results">https://www.riotinto.com/en/news/releases/2023/rio-tinto-releases-fourth-quarter-production-results</a>
Olympic Dam	BHP Group Ltd.	138,400	<a href="https://www.londonstockexchange.com/news-article/BHP/quarterly-activities-report/16048237">https://www.londonstockexchange.com/news-article/BHP/quarterly-activities-report/16048237</a>
Bingham Canyon	Rio Tinto Group	179,200	<a href="https://www.riotinto.com/en/news/releases/2023/rio-tinto-releases-fourth-quarter-production-results">https://www.riotinto.com/en/news/releases/2023/rio-tinto-releases-fourth-quarter-production-results</a>
Escondida	BHP Group Ltd.	1,061,500	<a href="https://www.riotinto.com/en/news/releases/2023/rio-tinto-releases-fourth-quarter-production-results">https://www.riotinto.com/en/news/releases/2023/rio-tinto-releases-fourth-quarter-production-results</a>
Zimapan/El Monte	Santacruz Silver Mining Ltd.	1,287	<a href="https://www.newfilecorp.com/release/152541/Santacruz-Silver-Reports-2022-FullYear-Record-Production-of-15010871-Silver-Equivalent-Ounces">https://www.newfilecorp.com/release/152541/Santacruz-Silver-Reports-2022-FullYear-Record-Production-of-15010871-Silver-Equivalent-Ounces</a>
El Valle	Orvana Minerals Corp.	2,181	<a href="https://www.orvana.com/english/news/news-details/2022/ORVANA-ACHIEVES-FY2022-GUIDANCE-WITH-57658-GOLD-EQUIVALENT-OUNCES-PRODUCED/default.aspx">https://www.orvana.com/english/news/news-details/2022/ORVANA-ACHIEVES-FY2022-GUIDANCE-WITH-57658-GOLD-EQUIVALENT-OUNCES-PRODUCED/default.aspx</a>
Mount Polley	Imperial Metals Corp.	2,815	<a href="https://imperialmetals.com/assets/docs/2023-01-24-iii-nr.pdf">https://imperialmetals.com/assets/docs/2023-01-24-iii-nr.pdf</a>
Kainantu	K92 Mining Inc.	2,834	<a href="https://k92mining.com/news/k92-mining-announces-strong-2022-q4-and-annual-fin-5286/">https://k92mining.com/news/k92-mining-announces-strong-2022-q4-and-annual-fin-5286/</a>
Avino	Avino Silver & Gold Mines Ltd.	2,950	<a href="https://avino.com/news/2023/avino-beats-yearly-silver-equivalent-production-estimate-with-over-2.6-million-ozs-in-2022-an-increase-of-215-over-2021/">https://avino.com/news/2023/avino-beats-yearly-silver-equivalent-production-estimate-with-over-2.6-million-ozs-in-2022-an-increase-of-215-over-2021/</a>
Zinkgruvan	Lundin Mining Corp.	4,077	<a href="https://lundinmining.com/news/lundin-mining-fourth-quarter-and-full-year-2022-re-123105/">https://lundinmining.com/news/lundin-mining-fourth-quarter-and-full-year-2022-re-123105/</a>
Huaron	Pan American Silver Corp.	4,300	<a href="https://www.panamericansilver.com/wp-content/uploads/2023/05/PAAS-12-31-2022-MDA-ExL2-2023-02-22-15-17.pdf">https://www.panamericansilver.com/wp-content/uploads/2023/05/PAAS-12-31-2022-MDA-ExL2-2023-02-22-15-17.pdf</a>
Bolivar	Sierra Metals Inc.	5,709	<a href="https://www.sierrametals.com/investors/news-releases/news-release-details/2023/Sierra-Metals-Reports-Q4-and-Full-Year-2022-Production-Results-Reflecting-Improved-Performance-at-Its-Bolivar-Mine/default.aspx">https://www.sierrametals.com/investors/news-releases/news-release-details/2023/Sierra-Metals-Reports-Q4-and-Full-Year-2022-Production-Results-Reflecting-Improved-Performance-at-Its-Bolivar-Mine/default.aspx</a>
El Roble	Atico Mining Corp.	6,817	<a href="https://aticomining.com/investors/news/index.php?content_id=230">https://aticomining.com/investors/news/index.php?content_id=230</a>
Las Cruces	First Quantum Minerals Ltd.	9,557	<a href="https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf">https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf</a>
Quebrada Blanca	Teck Resources Ltd.	9,600	<a href="https://www.teck.com/news/news-releases/2023/teck-announces-2022-production-and-2023-guidance">https://www.teck.com/news/news-releases/2023/teck-announces-2022-production-and-2023-guidance</a>
Coyeli	First Quantum Minerals Ltd.	11,456	<a href="https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf">https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf</a>
Guelb Moghrein	First Quantum Minerals Ltd.	13,313	<a href="https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf">https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf</a>
Chelapech	Dundee Precious Metals Inc.	13,986	<a href="https://s27.q4cdn.com/488073686/files/doc_financials/2022/sr/Annual-Information-Form-FINAL-03-30-2023.pdf">https://s27.q4cdn.com/488073686/files/doc_financials/2022/sr/Annual-Information-Form-FINAL-03-30-2023.pdf</a>
New Afton	New Gold Inc.	14,107	<a href="https://www.pnewsire.com/news-releases/new-gold-achieves-updated-2022-guidance-and-reports-fourth-quarter-and-full-year-2022-results-301748309.html">https://www.pnewsire.com/news-releases/new-gold-achieves-updated-2022-guidance-and-reports-fourth-quarter-and-full-year-2022-results-301748309.html</a>
Didipio	OceanaGold Corp.	14,361	<a href="https://newsreleases.oceanagold.com/2023-02-21-OceanaGold-Reports-Full-Year-2022-Financial-Results">https://newsreleases.oceanagold.com/2023-02-21-OceanaGold-Reports-Full-Year-2022-Financial-Results</a>
Hudson Bay 777	Hudbay Minerals Inc.	14,778	<a href="https://hudbayminerals.com/investors/press-releases/press-release-details/2023/Hudbay-Announces-Fourth-Quarter-and-Full-Year-2022-Results-and-Provides-Annual-Guidance/default.aspx">https://hudbayminerals.com/investors/press-releases/press-release-details/2023/Hudbay-Announces-Fourth-Quarter-and-Full-Year-2022-Results-and-Provides-Annual-Guidance/default.aspx</a>
Eagle	Lundin Mining Corp.	15,895	<a href="https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/">https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/</a>
Aranzazu	Aura Minerals Inc.	16,179	<a href="https://auraminerals.com/wp-content/uploads/2023/02/2023.02.27-Press-Release-Aura-announces-Q4-2022-results.pdf">https://auraminerals.com/wp-content/uploads/2023/02/2023.02.27-Press-Release-Aura-announces-Q4-2022-results.pdf</a>

# APPENDIX 4 – 2022 COPPER PRODUCTION DATA



## S&P GLOBAL – 2022 Asset Copper Production Source Data (Continued)

PROPERTY	CURRENT OWNER	2022 Cu PRODUCTION (Tonnes)	SOURCE DATA
Copper Mountain	Hudbay Minerals Inc.	23,996	<a href="https://www.prnewswire.com/news-releases/copper-mountain-mining-announces-fourth-quarter-and-full-year-2022-results-and-provides-2023-guidance-301781649.html">https://www.prnewswire.com/news-releases/copper-mountain-mining-announces-fourth-quarter-and-full-year-2022-results-and-provides-2023-guidance-301781649.html</a>
Cozamin	Capstone Copper Corp.	24,451	<a href="https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/">https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/</a>
Minera Valle Central	Amerigo Resources Ltd.	29,030	<a href="https://newsdirect.com/news/amerigo-reports-2022-production-results-above-guidance-and-provides-2023-guidance-151737283">https://newsdirect.com/news/amerigo-reports-2022-production-results-above-guidance-and-provides-2023-guidance-151737283</a>
Neves-Corvo	Lundin Mining Corp.	31,906	<a href="https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/">https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/</a>
Mount Milligan	Centerra Gold Inc.	33,504	<a href="https://wp-centerra-2023.s3.ca-central-1.amazonaws.com/media/2023/02/03160804/8t1fcftTaBgmWhnt0D4N.pdf">https://wp-centerra-2023.s3.ca-central-1.amazonaws.com/media/2023/02/03160804/8t1fcftTaBgmWhnt0D4N.pdf</a>
Mantoverde	Capstone Copper Corp.	36,301	<a href="https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/">https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/</a>
Carmen de Andacollo	Teck Resources Ltd.	39,500	<a href="https://www.teck.com/news/news-releases/2023/teck-announces-2022-production-and-2023-guidance">https://www.teck.com/news/news-releases/2023/teck-announces-2022-production-and-2023-guidance</a>
Mantos Blancos	Capstone Copper Corp.	41,231	<a href="https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/">https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/</a>
Gibraltar	Taseko Mines Ltd.	43,998	<a href="https://www.tasekomines.com/assets/docs/Q4-2022-NewsRelease.pdf">https://www.tasekomines.com/assets/docs/Q4-2022-NewsRelease.pdf</a>
Chapada	Lundin Mining Corp.	45,739	<a href="https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/">https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/</a>
Caraiba	Ero Copper Corp.	46,371	<a href="https://erocopper.com/news/ero-copper-achieves-record-full-year-copper-and-gold-production-and-provides-2023-guidance/">https://erocopper.com/news/ero-copper-achieves-record-full-year-copper-and-gold-production-and-provides-2023-guidance/</a>
Pinto Valley	Capstone Copper Corp.	56,844	<a href="https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/">https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/</a>
Jabal Sayid	Barrick Gold Corp.	68,492	<a href="https://www.barrick.com/English/news/news-details/2023/barrick-reports-stronger-q4-gold-production/default.aspx">https://www.barrick.com/English/news/news-details/2023/barrick-reports-stronger-q4-gold-production/default.aspx</a>
Zaldívar	Barrick Gold Corp.	88,904	<a href="https://www.barrick.com/English/news/news-details/2023/barrick-reports-stronger-q4-gold-production/default.aspx">https://www.barrick.com/English/news/news-details/2023/barrick-reports-stronger-q4-gold-production/default.aspx</a>
Constancia	Hudbay Minerals Inc.	89,395	<a href="https://hudbayminerals.com/investors/press-releases/press-release-details/2023/Hudbay-Announces-Fourth-Quarter-and-Full-Year-2022-Results-and-Provides-Annual-Guidance/default.aspx">https://hudbayminerals.com/investors/press-releases/press-release-details/2023/Hudbay-Announces-Fourth-Quarter-and-Full-Year-2022-Results-and-Provides-Annual-Guidance/default.aspx</a>
Highland Valley	Teck Resources Ltd.	119,100	<a href="https://www.teck.com/news/news-releases/2023/teck-announces-2022-production-and-2023-guidance">https://www.teck.com/news/news-releases/2023/teck-announces-2022-production-and-2023-guidance</a>
Lumwana	Barrick Gold Corp.	121,109	<a href="https://www.barrick.com/English/news/news-details/2023/barrick-reports-stronger-q4-gold-production/default.aspx">https://www.barrick.com/English/news/news-details/2023/barrick-reports-stronger-q4-gold-production/default.aspx</a>
Caserones	Lundin Mining Corp.	124,200	<a href="https://lundinmining.com/news/lundin-mining-announces-closing-of-the-acquisition-123123/">https://lundinmining.com/news/lundin-mining-announces-closing-of-the-acquisition-123123/</a>
Kansanshi	First Quantum Minerals Ltd.	146,282	<a href="https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf">https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf</a>
Candelaria	Lundin Mining Corp.	152,042	<a href="https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/">https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/</a>
Trident - Sentinel	First Quantum Minerals Ltd.	242,451	<a href="https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf">https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf</a>
Kamoa-Kakula	Ivanhoe Mines Ltd.	333,497	<a href="https://ivanhoemines.com/news/2023/ivanhoe-mines-provides-2022-production-results-and-2023-production-guidance-for-the-kamoa-kakula-mining-complex/">https://ivanhoemines.com/news/2023/ivanhoe-mines-provides-2022-production-results-and-2023-production-guidance-for-the-kamoa-kakula-mining-complex/</a>
Cobre Panama	First Quantum Minerals Ltd.	350,438	<a href="https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf">https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf</a>