



**ASX FFM**

**April 4, 2024**

# High-Grade Copper and Gold

Significant and immediate growth

- 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 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 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 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. 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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## 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

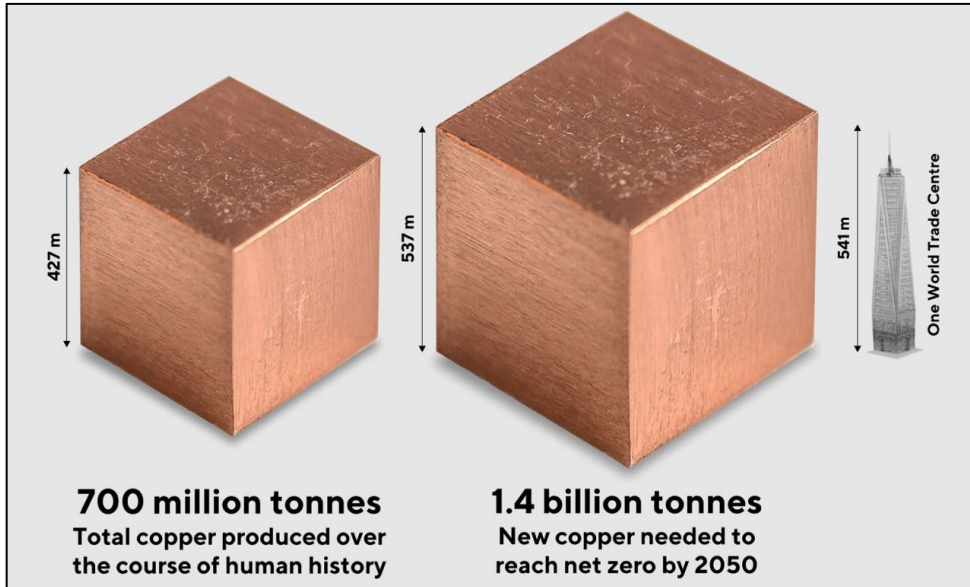
- Management team with a **proven track record of creating significant value for shareholders** and stakeholders
- Recent success with **ASX200 Bellevue Gold** from discovery to production in only 4.5 years
- **Well-funded** with **~A\$55M cash**<sup>2</sup>

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 Tranche 1 and 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. Receipt of A\$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 in early-mid May 2024.

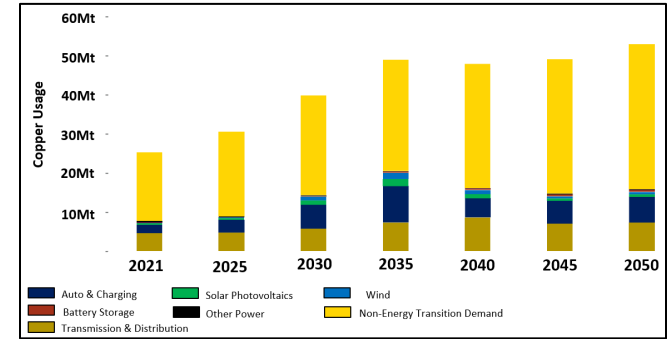


# Copper – The Macro Landscape

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**

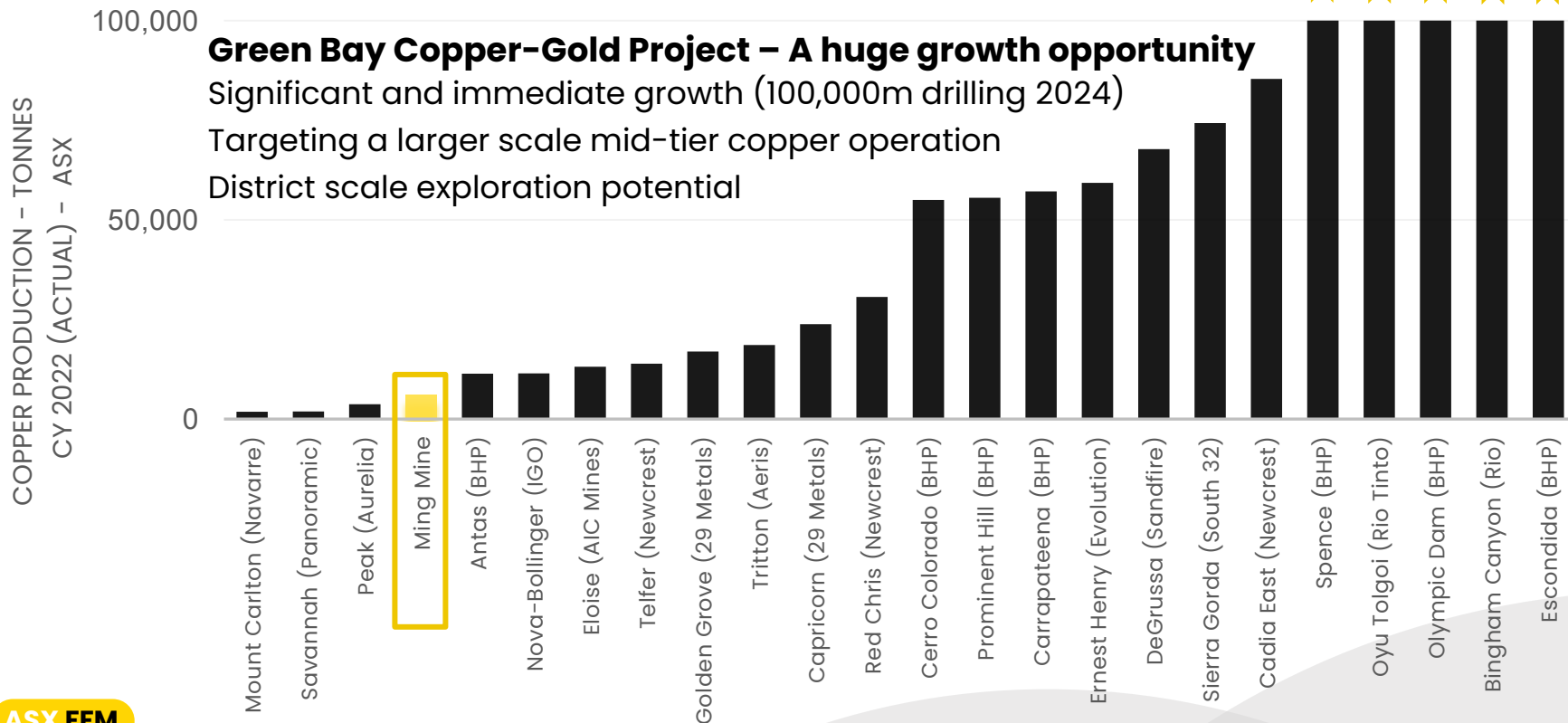


## Global Copper Mining Issues

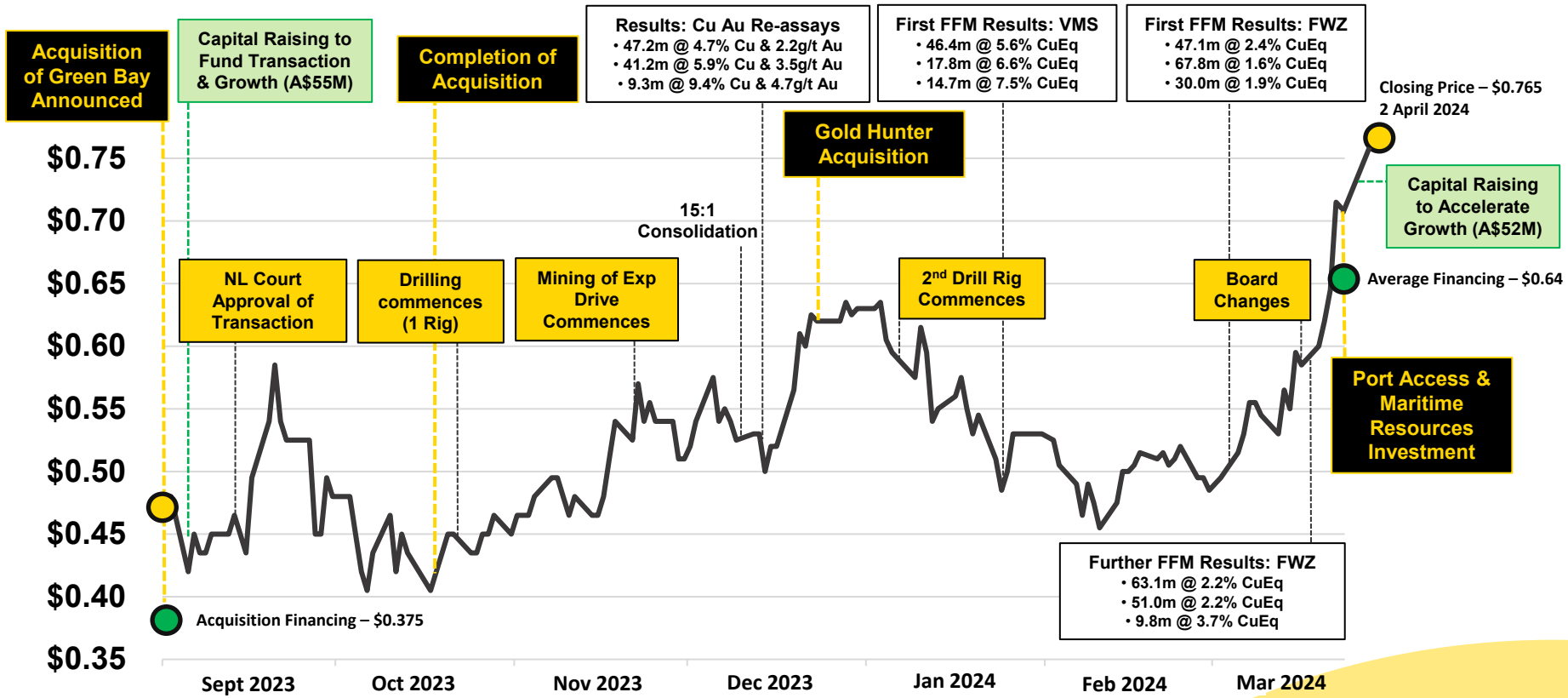
- **Decreasing copper grades**
- **Reduced discovery rates**
- **Time and cost to production**
- **Mining is getting deeper**
- **Social License becoming more challenging**

# Positioned to take advantage of the Copper Wave

## A Lack of Quality Copper Opportunities on the ASX<sup>1</sup>



# The Transformation of FireFly



# Exceptional Share Register and Strong Balance Sheet



## Well-Funded to Deliver Strong Velocity of Newsflow through 2024 – 2025

### CAPITAL STRUCTURE

	CURRENT
Shares on issue	477.5M <sup>1</sup>
Management performance rights	37.5M <sup>2</sup>
Top 20 Shareholders	50% <sup>3</sup>

### SHAREHOLDER SUMMARY

Board & Management (fully diluted)	14% <sup>4</sup>
Australian & Global Institutions	41% <sup>3</sup>

### Global Banking & Research:



## A\$0.72

Current Share Price<sup>3</sup>

## ~A\$55M

Cash Position<sup>5</sup>

## ~8.4%

Shareholding in  
Maritime Resources Corp  
TSXV:MAE

## A\$343M

Market Capitalisation<sup>4</sup>

## 2.9M

Average Daily Volume<sup>6</sup>

## No Debt

No offtake  
No streams

# 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**

**JOINT COMPANY  
SECRETARY**

Cygnus Metals, Midas Minerals, formerly of Bellevue Gold



**William Nguyen**

**CHIEF FINANCIAL  
OFFICER & JOINT  
COMPANY SECRETARY**

Formerly of Regis, Cliffs Natural Resources




**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

## A low-cost acquisition that transformed Firefly into a leading ASX Cu-Au Developer




### Upside

- Resource Growth
- Operational Upscale
- Regional Discovery



### Current Resources

- High Grade
- 40Mt @ 2.1% CuEq<sup>1</sup>
- Rapid growth




### Mines

- Ready to go
- Accessible to 950m
- Shaft



### Infrastructure

- Processing Plant
- Surface & UG
- Port Facilities



### EHS

- Safety culture
- Social License
- Government support



### Team

- Skilled Workforce
- Passion & Ideas
- Come home

- **Removed financial burdens (debt, streams, unfavorable contracts)**

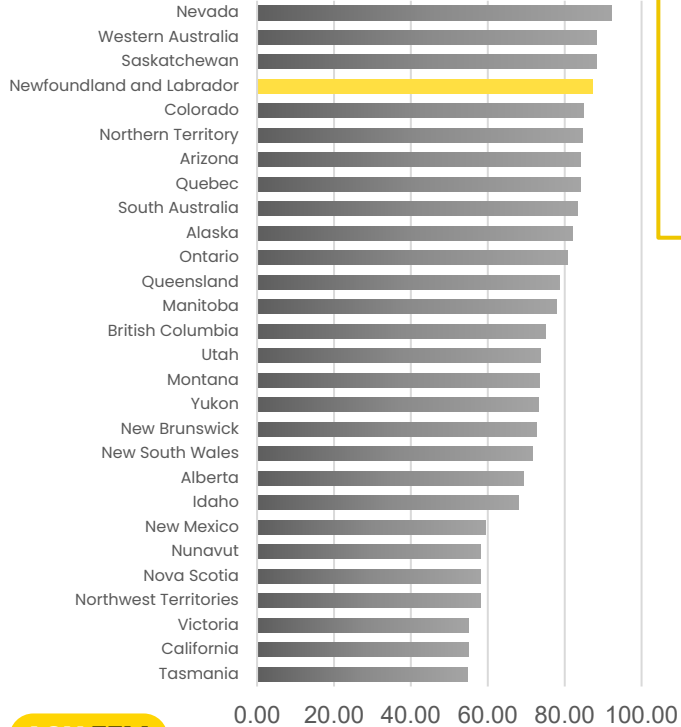
<sup>1</sup> Prepared in accordance with Canadian National Instrument 43-101. The estimate is a foreign estimate & has not been reported in accordance with JORC 2012. A competent person has not done sufficient work to classify the foreign estimate as a mineral resource in accordance with JORC 2012 & 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



# One of the Best Mining Jurisdictions Globally

## Newfoundland & Labrador is a top four jurisdiction for mining investment

### FRASER INSTITUTE 2022 SURVEY Mining Investment Attractiveness Index<sup>1</sup>



**Strong government support**  
**Track record of expedited mine permitting**  
**Large FIFO workforce wanting to work back in Newfoundland**  
**Mining sector contributes +32% of NL GDP**

### MAJOR MINING, OIL & GAS & EXPLORATION OPERATIONS

- **Rio Tinto** – Iron ore
- **Champion Iron** – Iron ore
- **Labrador Iron Mines** – Iron ore
- **Tata Steel** – Iron ore
- **Tacora** – Iron Ore
- **Vale - Voisey's Bay** – Nickel & base metals
- **Marathon Resources** – Gold development
- **Newfound Gold** – Gold exploration
- **Hibernia Oil** – **Chevron / ExxonMobil**
- **Hebron Oil** – **Chevron / ExxonMobil**

### PROVINCE OF NEWFOUNDLAND & LABRADOR

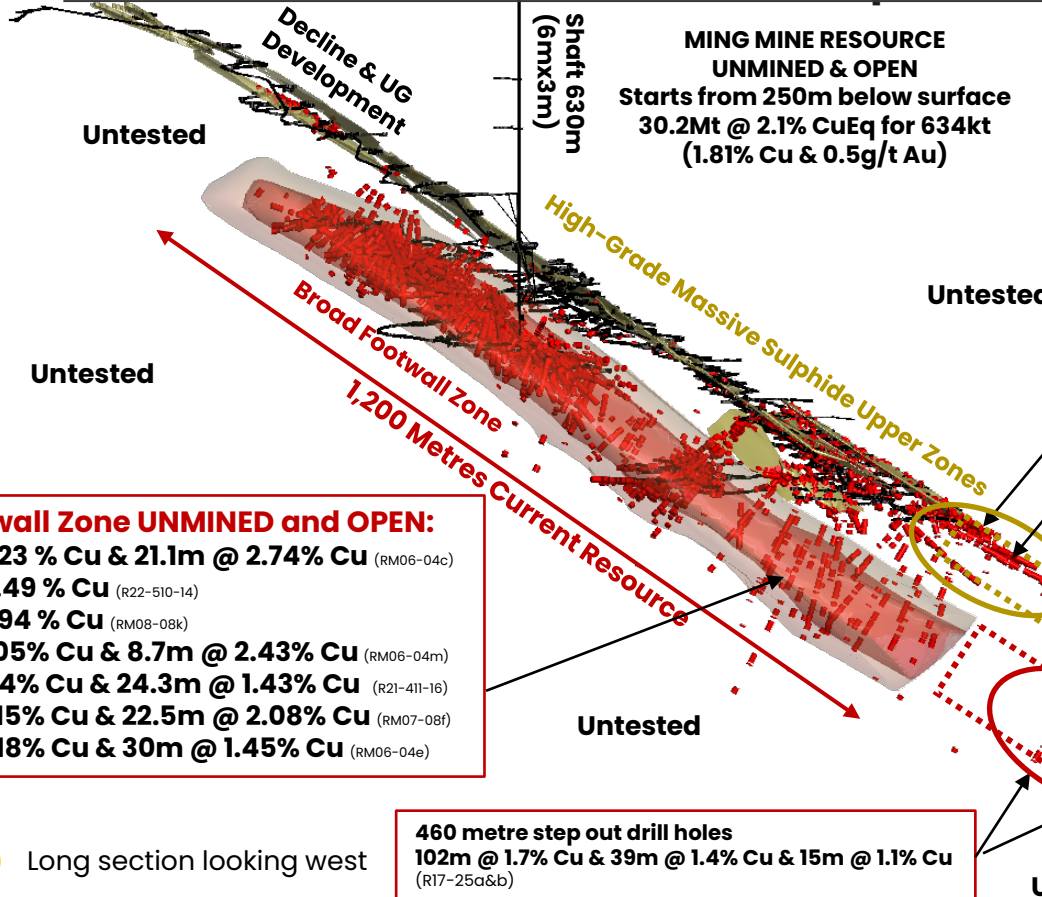




# A Major VMS Copper-Gold Mineralised System

## Two distinct mineralised zones – Both zones open

Surface Portal



**MING MINE RESOURCE UNMINED & OPEN**  
Starts from 250m below surface  
30.2Mt @ 2.1% CuEq for 634kt  
(1.81% Cu & 0.5g/t Au)

### High-Grade Massive Sulphide Zone UNMINED and OPEN:

- 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)
- 13.5m @ 2.3% Cu & 4.9g/t Au (R17-660-30)
- 17.8m @ 4.4% Cu & 2.2g/t Au (MUG23\_003)
- 14.7m @ 2.6% Cu & 5.5g/t Au (MUG\_004)
- 6.3m @ 5.9% CuEq (3.1% Cu, 3.0g/t Au, 21.1g/t Ag)

### Broad Footwall Zone UNMINED and OPEN:

- 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)

460 metre step out drill holes  
102m @ 1.7% Cu & 39m @ 1.4% Cu & 15m @ 1.1% Cu  
(R17-25a&b)

DEPTH

0m

500m

1000m

# A Major VMS Copper-Gold Mineralised System

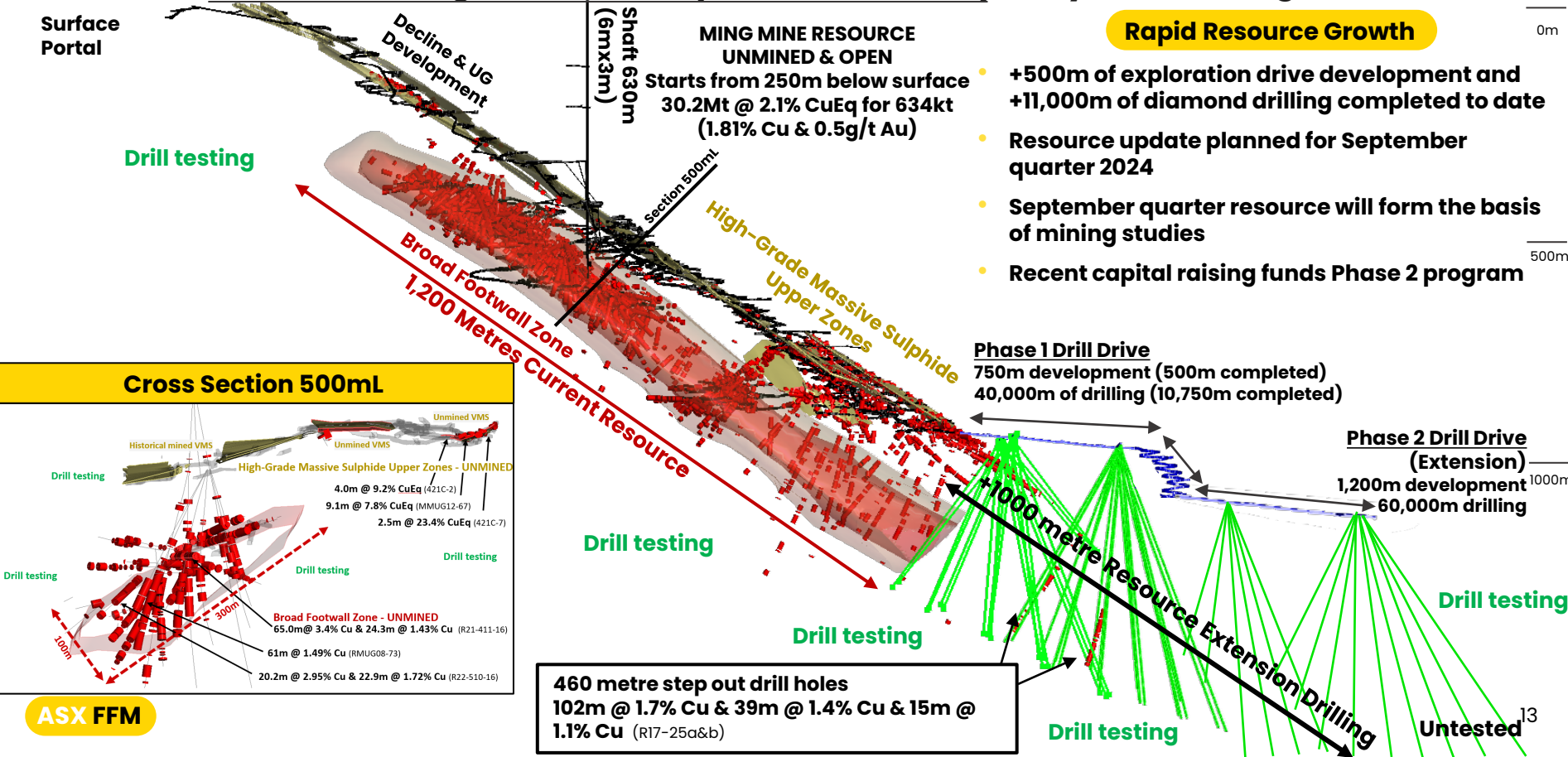


30Mt resource with underground development & shaft & plenty of room to grow!

DEPTH

0m

Surface Portal



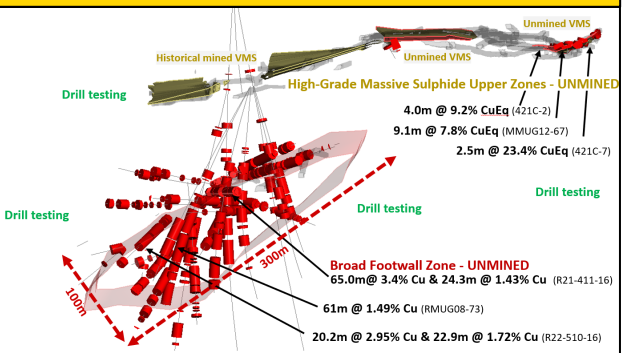
## Rapid Resource Growth

- +500m of exploration drive development and +11,000m of diamond drilling completed to date
- Resource update planned for September quarter 2024
- September quarter resource will form the basis of mining studies
- Recent capital raising funds Phase 2 program

500m

1000m

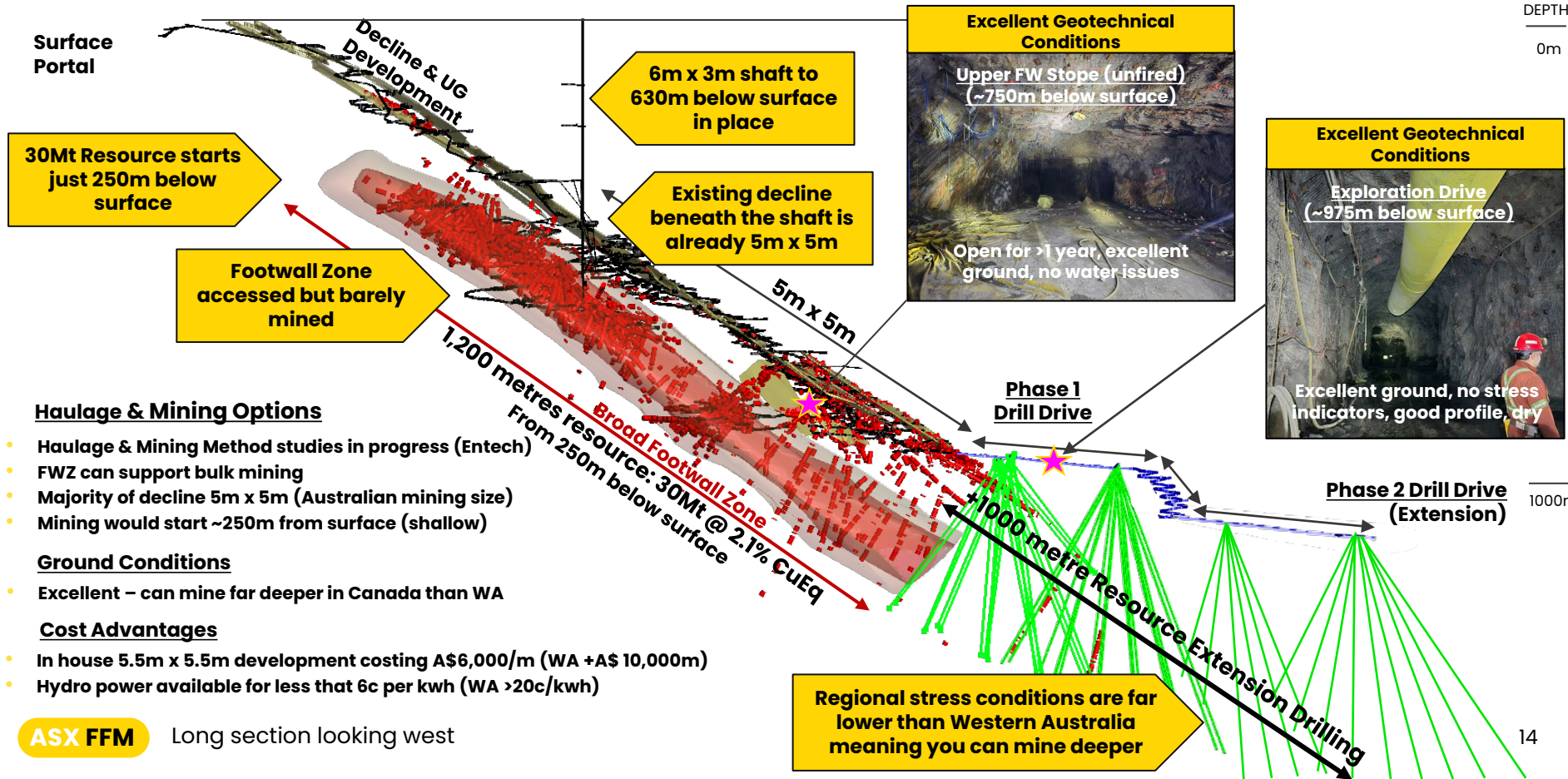
### Cross Section 500mL



ASX FFM

**460 metre step out drill holes**  
102m @ 1.7% Cu & 39m @ 1.4% Cu & 15m @ 1.1% Cu (R17-25a&b)

# 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

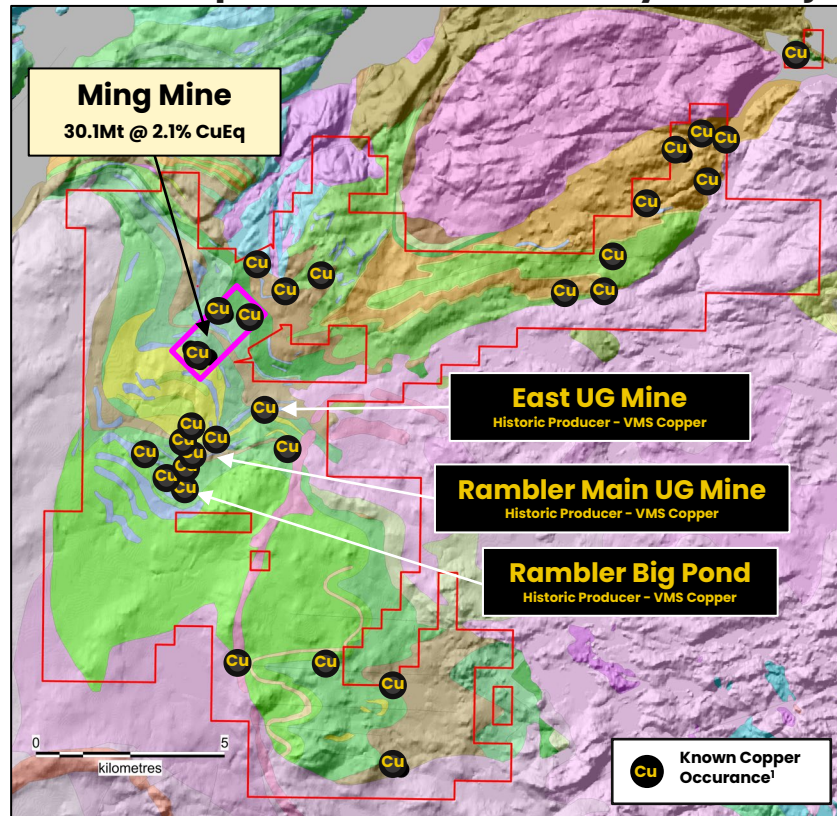
## Cost Advantages

- 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)



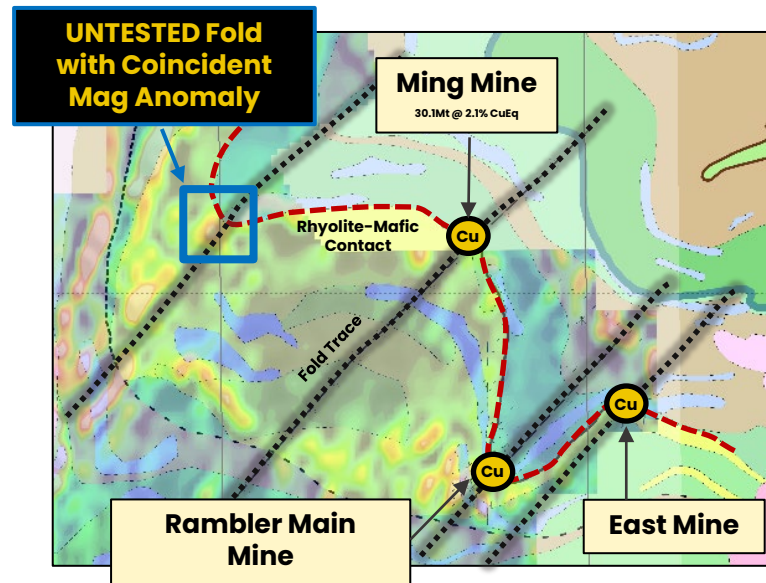
# Exceptional Regional Discovery Potential

Recent acquisitions makes FireFly the major landholder in a world-class Copper VMS district



## Significant Camp-Scale Land Holding

- Three historic past producing copper mines and numerous compelling targets acquired as part of the recent Gold Hunter transaction



# 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 15 Oct 2024	✓								
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 (~500m 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 ~10,750m of ~100,000m completed
- 1x 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

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

# 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\$55 Million<sup>1</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>2</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**



# Appendix 1

## Green Bay Supplementary Information



### Ming Mine

A ready-to-go underground copper mine with world-class growth potential

- **1A. NL Overview & Landholding**
  - Newfoundland Mines & Infrastructure
  - FFM District land holding & Exploration
- **1B. Mine Orebody**
- **1C. Ming UG Mine**
- **1D: Surface Infrastructure**
- **1E: Port Access**
- **1F: Deeper Mining Depths in Canada**





# Appendix 1A: Newfoundland – Built on Maritime & Mining



## A True Tier 1 Mining Jurisdiction

- Strong government support
- Track record of expedited mine permitting
- Mining sector contributes +32% of NL GDP<sup>3</sup>

**MARITIME RESOURCES**  
FFM 8.4% shareholder

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

### 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

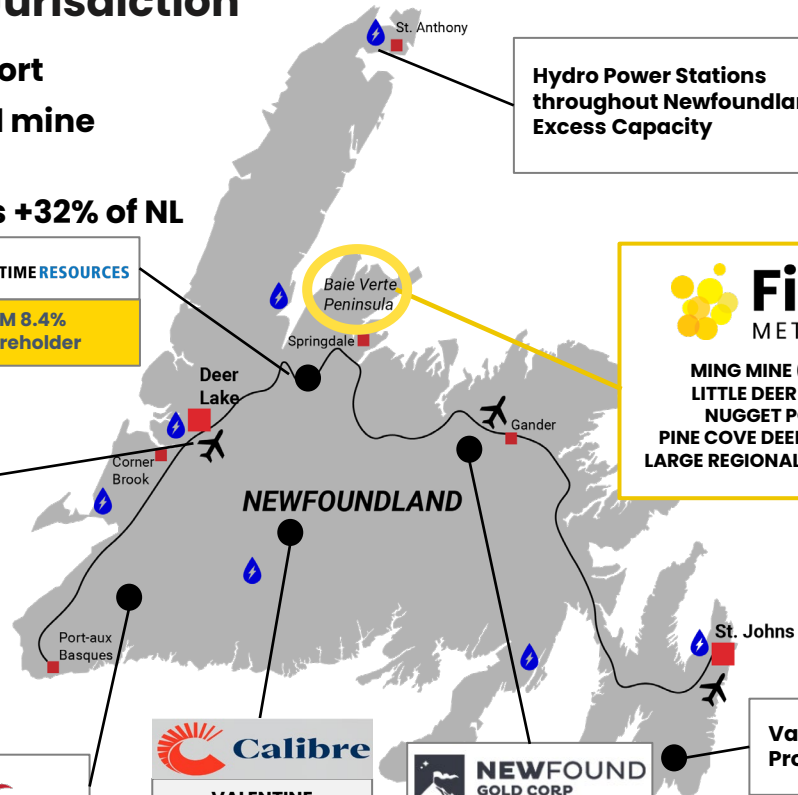


- Conventional 500ktpa / 1,500tpd crushing, grinding & flotation circuit
- 96% copper recoveries

### Pine Cove Deepwater Port



- 1Mtpa Concentrate shipping capacity
- Only 6km from Ming mine
- 50,000t Panamax ships



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

**MATADOR MINING LTD.**

**Calibre**  
VALENTINE PROJECT  
5Moz, 3Mtpa Mill

**NEWFOUND GOLD CORP.**  
\$1.2Bn Gold Developer

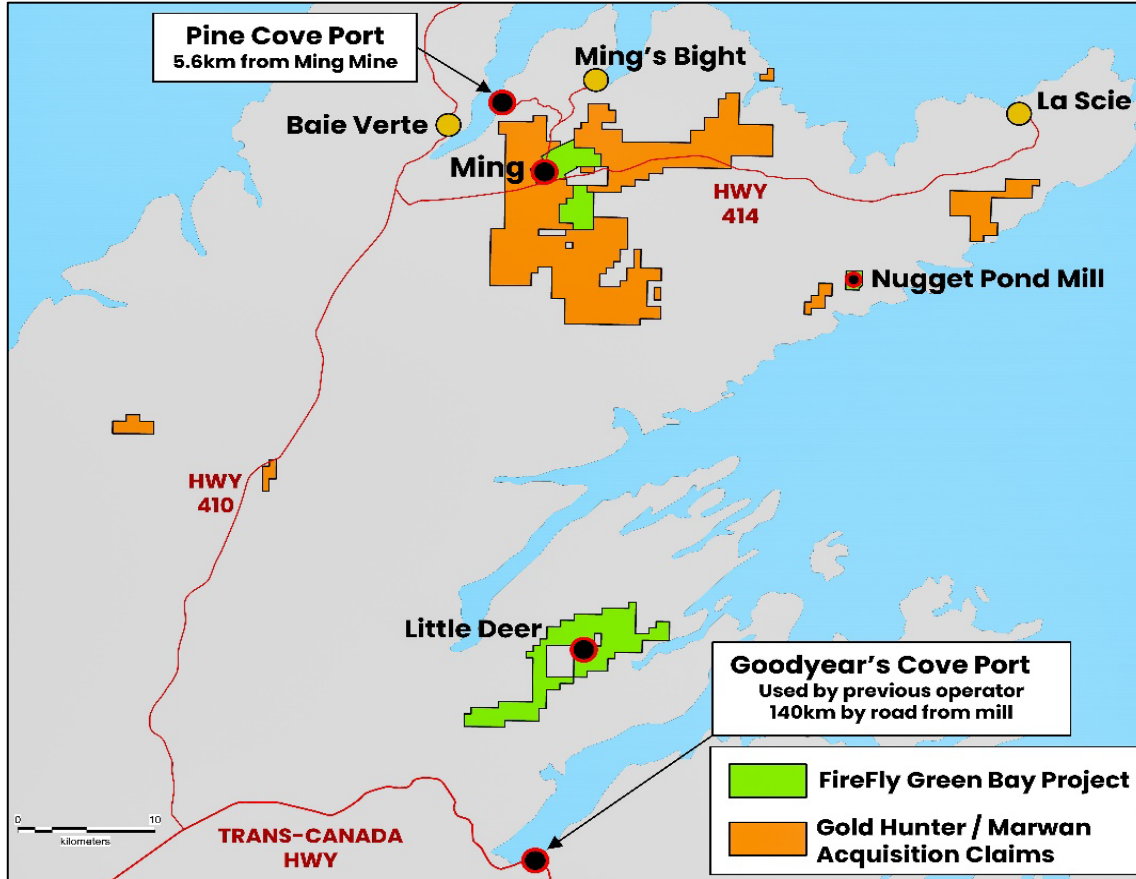
Vale Voisey's Bay Processing Plant

ASX FFM

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

# Appendix 1A: FireFly District Land Holding

## Significant district-scale footprint in a world-class VMS district



### Regional Exploration

- Recently completed transaction with Gold Hunter Resources increases Green Bay footprint by 169sqkm
- Multiple drill ready 'walk-up' targets surrounding the Ming Mine
- FireFly now hold 5 historical past producing copper mines that operated in the 1960's and 1970's with limited modern-day exploration
- Significant regional surface copper showings with no drill testing
- Geophysics to be utilised to prioritise drill targeting – no recent geophysics completed using up-to-date techniques
- Little Deer satellite deposit: 9.1Mt at 2.0%CuEq for 180kt CuEq
- Total landholding now 222sqkm

# Appendix 1B: Ming Orebody Drill Results – 2 Distinct Zones

## 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>

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

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

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

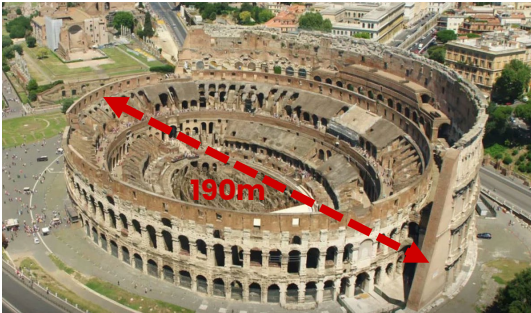
#### ASX FFM

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) x 0.77472) + (Ag (g/t) x 0.00968) + (Zn (%) x 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.

# Appendix 1B: Ming Orebody: Cross Section

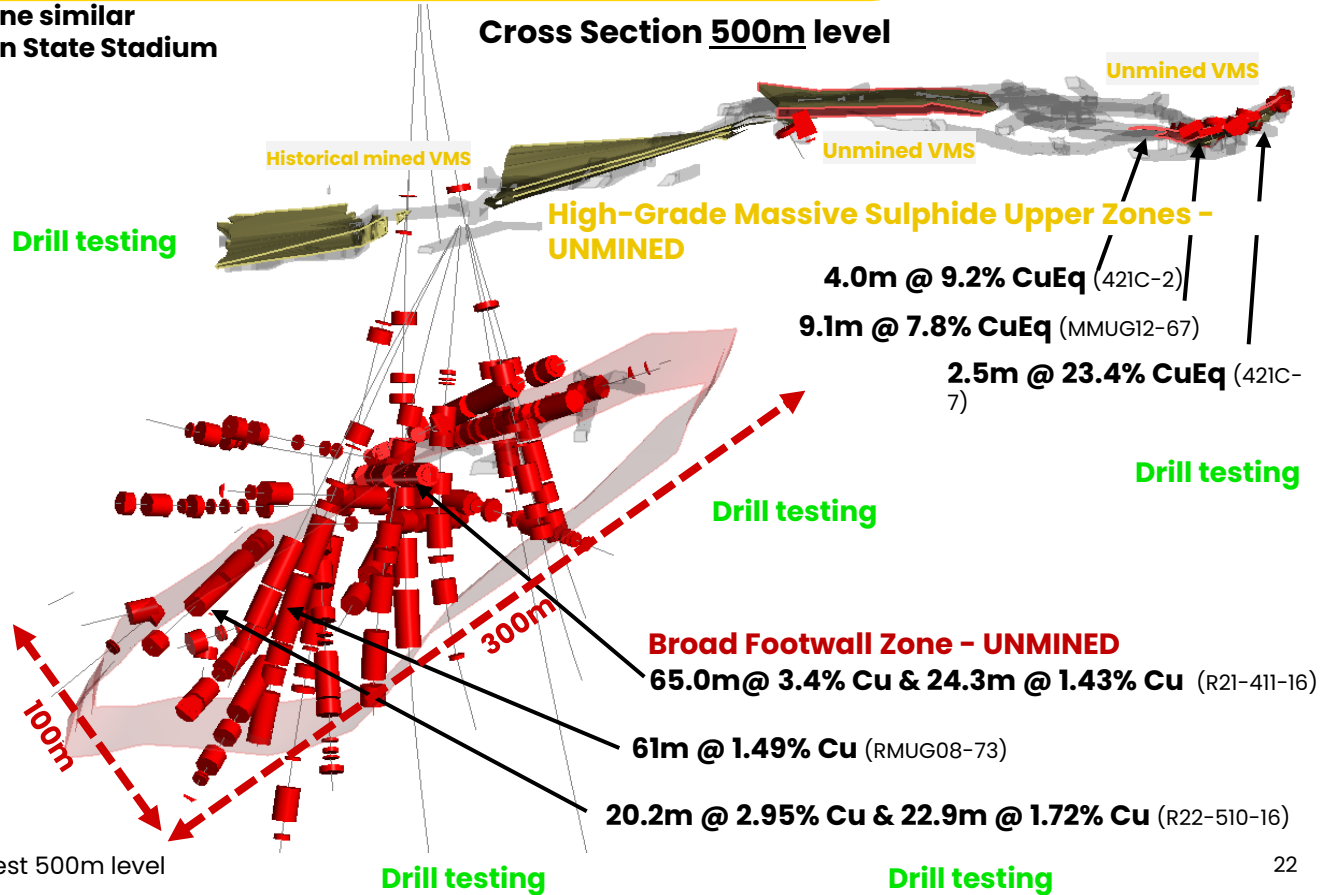
## Consistent and Continuous Large Scale Ore Bodies

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



ASX FFM Cross section looking south west 500m level

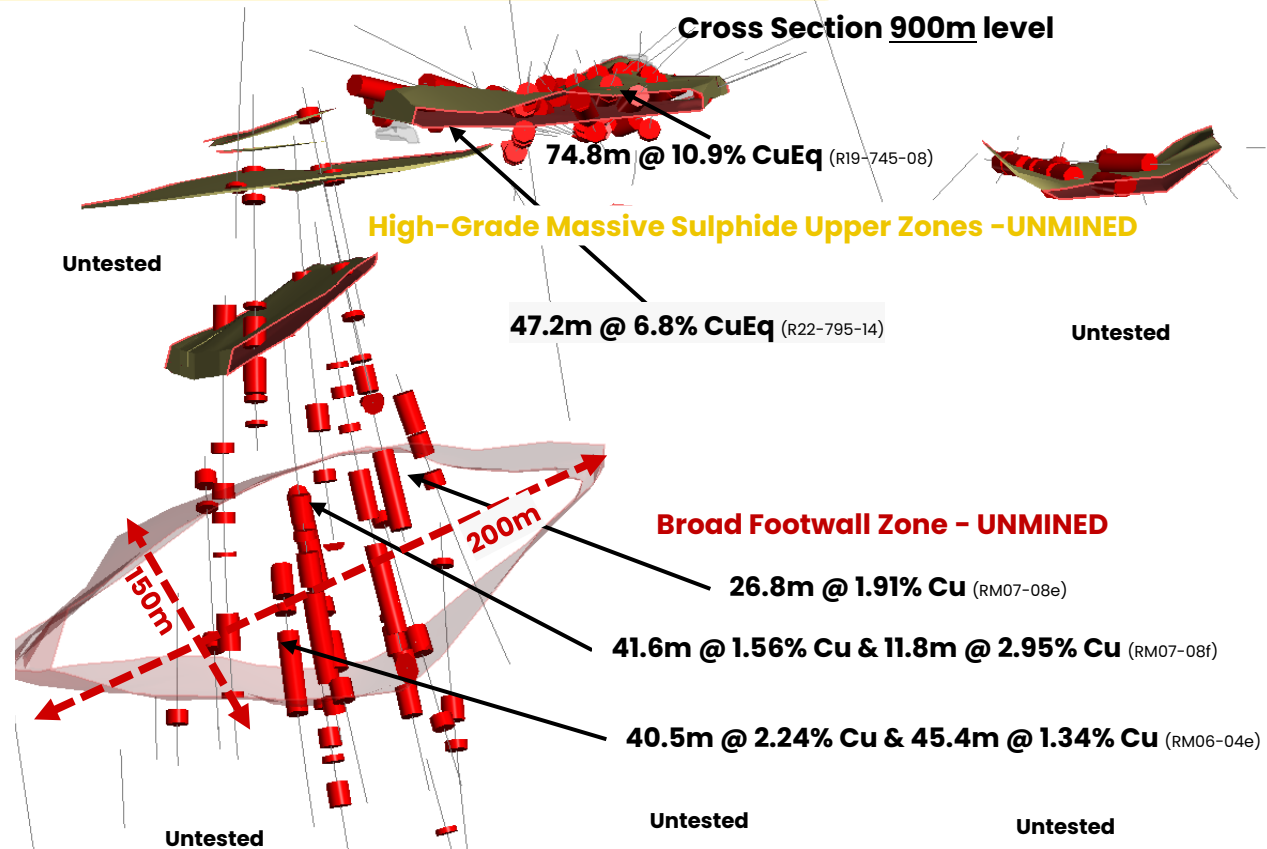
### Cross Section 500m level



# Appendix 1B: Ming Orebody: Cross Section

## Consistent and Continuous Large Scale Ore Bodies

- Upper high-grade massive sulphide zones **unmined & open**
- Broad Footwall zone **unmined & open**
- Underground drilling **underway**
- Underground drill drive (750m) to establish further drill pads and future mining **underway +500m completed**
- **2<sup>nd</sup> drill rig now on site**
- Utilising **Down Hole Electro-Magnetic (DHEM)** geophysics to vector any new mineralized zones.
- **New discovery drilling** large areas completely untested





# Appendix 1C: Ming Underground Mine is Ready and Fully Operational



- Underground drilling already +10,750m completed
- Second drill rig on site (double meters and news flow)
- Third drill rig mobilising (targeting new discoveries)
- Underground drill drive already 500m completed
- Exceptional geotechnical ground conditions
- Decline accessible to 1,000m & Shaft to 630m
- Dewatered and mine operations permitted

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

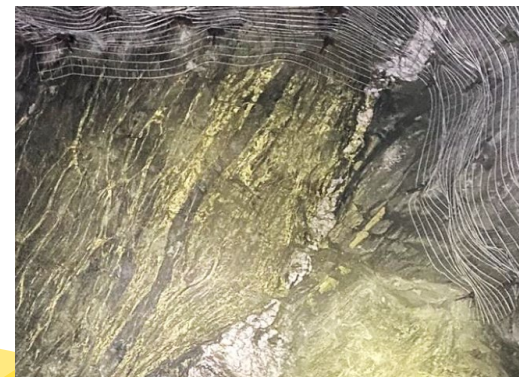


**Development Drive**

**Excellent Underground Conditions  
(~15 metre wide development at 750 level)**



**High-Grade Development Face**





# Appendix 1D: Surface Infrastructure – Green Bay, all set up ready to go





## Access to two ports provides future optionality

### Pine Cove Deep Water Port



### Pine Cove Deep Water Port

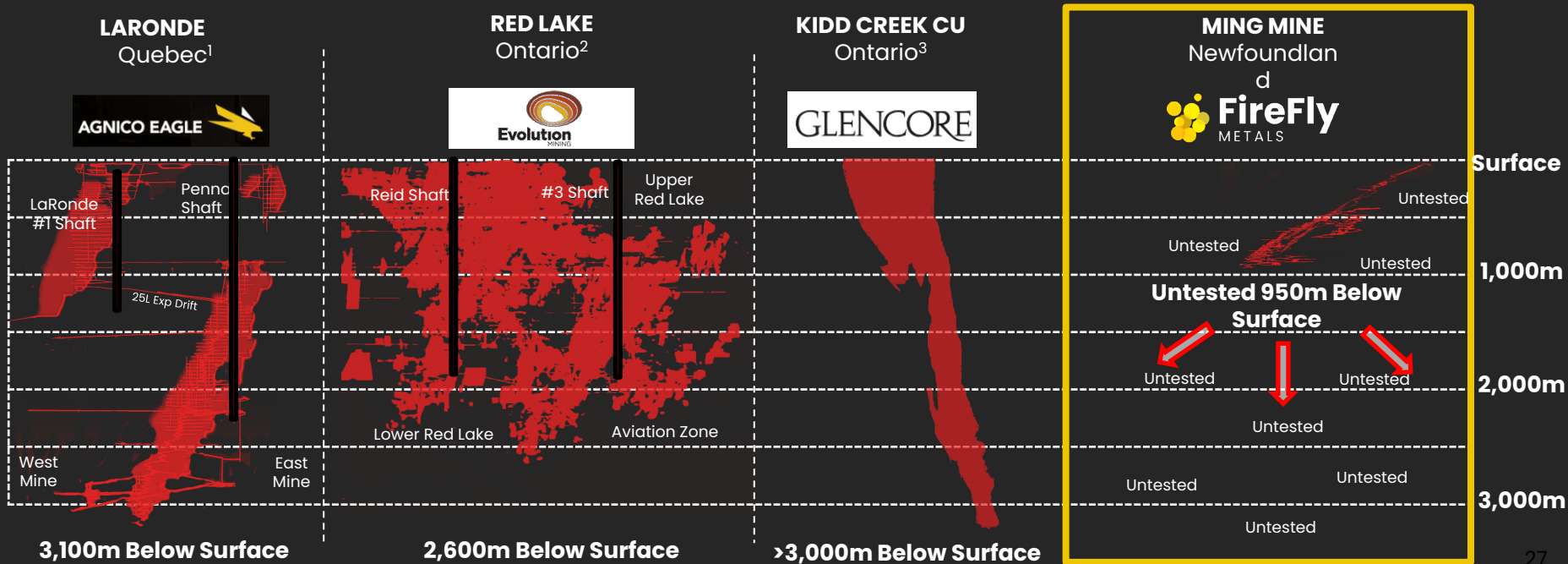
- Recent access agreement with Maritime Resources Corp in return for FFM taking a ~8.4% position in Maritime (C\$2.5M)
- ~1Mt a year of mineral concentrate capacity
- Panamax 50,000T vessels
- Only 6km from Green Bay Mine
- Closer export facility than existing Goodyear Cove Port, significantly improving the economics of concentrate shipment

### Goodyear's Cove Port

- Concentrate storage and conveyor system
- 140km by road from current mill
- Reviewing options to monetize the asset

# Appendix 1F: Mining Depths in Canada – Ming is STILL SHALLOW

- 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 Sept 14, 2022; 3. Modified from <http://www.womp-int.com/story/2008vol7/story024.htm>



# Appendix 2

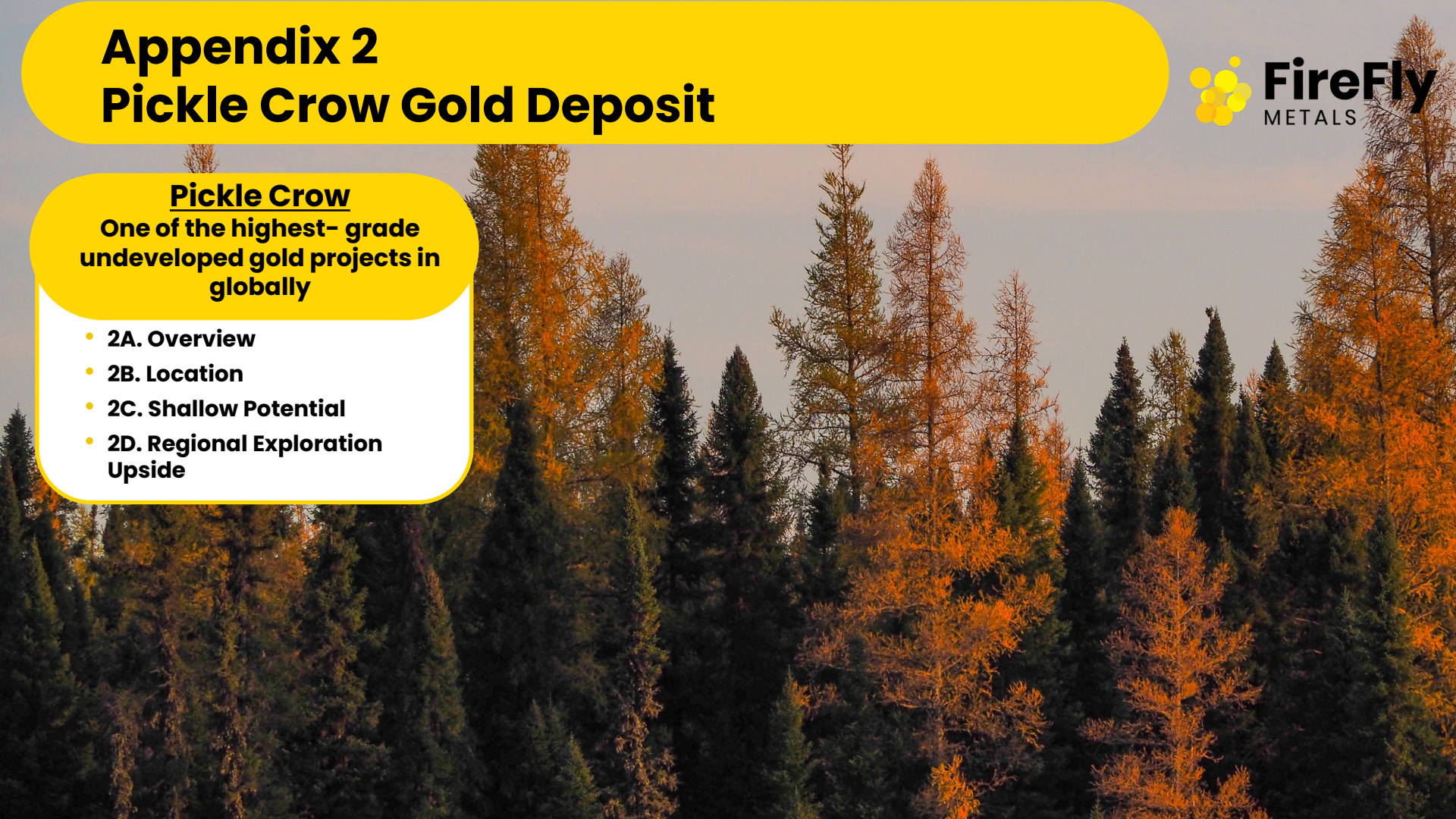
## Pickle Crow Gold Deposit



### Pickle Crow

One of the highest- grade undeveloped gold projects in globally

- 2A. Overview
- 2B. Location
- 2C. Shallow Potential
- 2D. Regional Exploration Upside



# Appendix 2A: Pickle Crow Gold Deposit – The Perfect Addition

## High Grade 2.8Moz @ 7.2 g/t Gold Resource with Significant Potential to Grow



### LOCATION

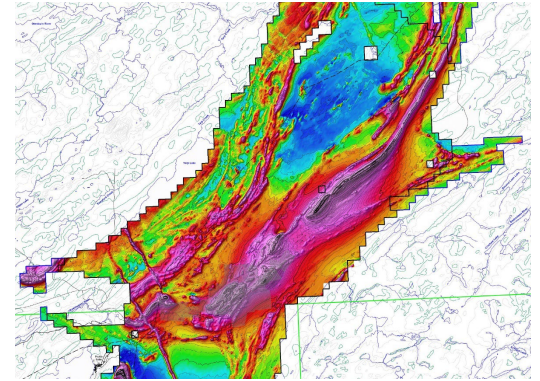
- Operating in a **Tier 1 mining jurisdiction**, Ontario Canada
- In a prolific mineral belt with **>40Moz gold endowment**
- **Exceptional team and in-country knowledge**

ASX FFM



### 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



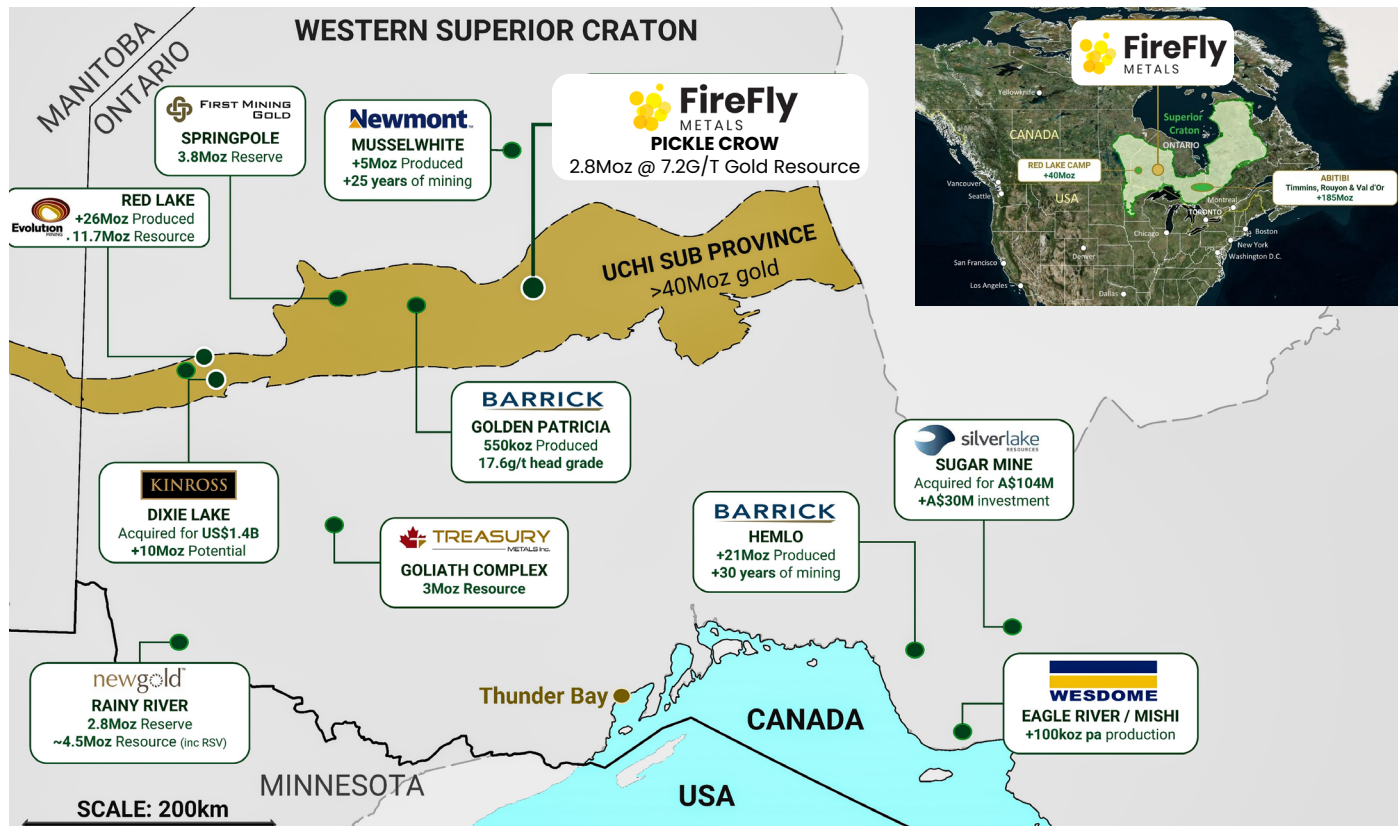
### UPSIDE

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

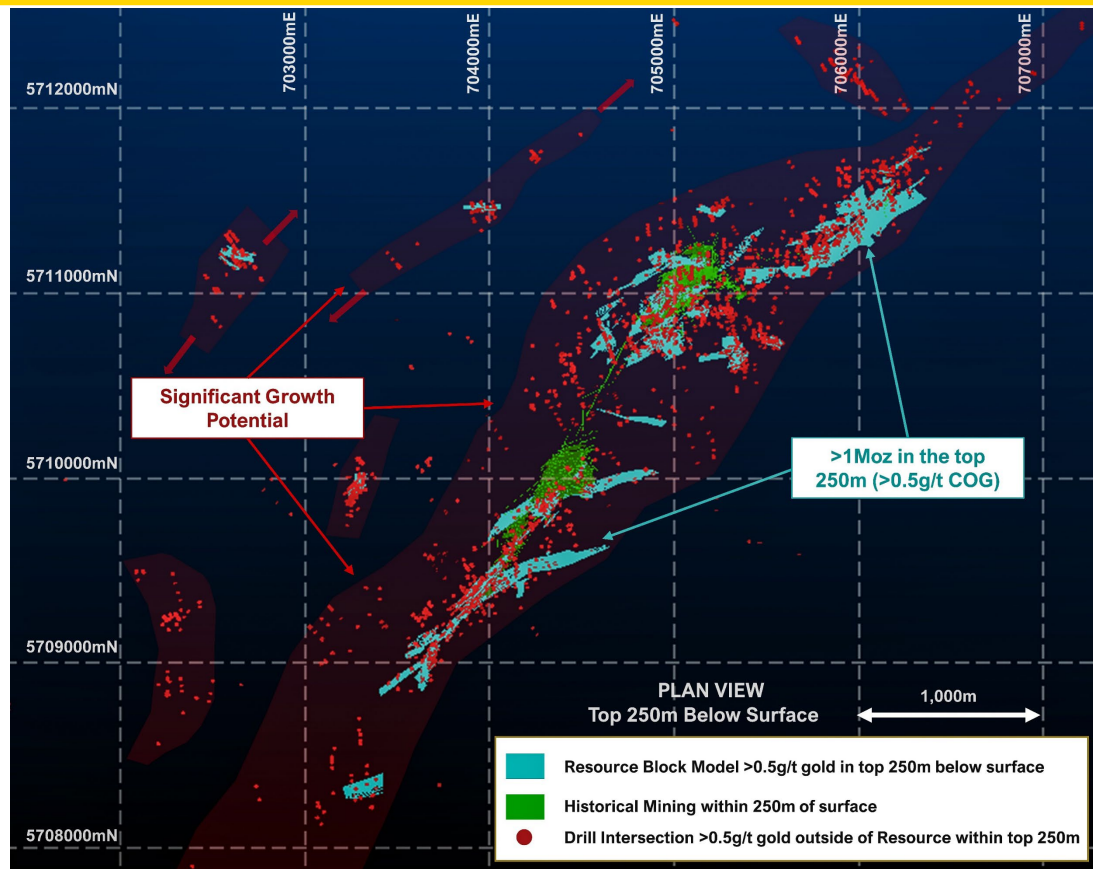


# Appendix 2B: An Exceptional Asset in a World-Class Location

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



## Appendix 2C: Significant Shallow Open Pit Potential



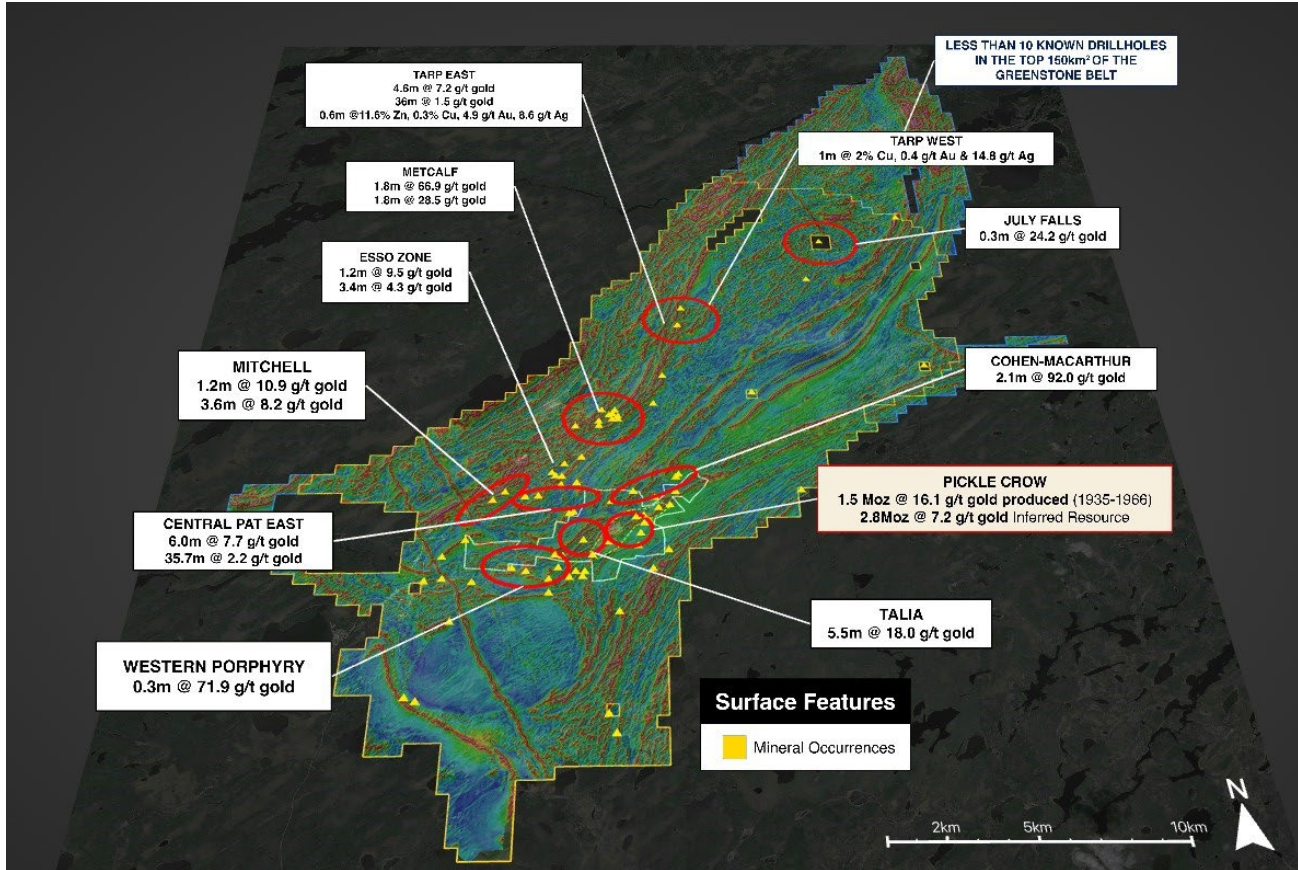
### **Significant Potential to Grow the 2.8Moz @ 7.2g/t Resource**

- 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 2D: 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





# Appendix3

## 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      68% of the Copper is in M&I  
**Contained Metal:** 719kt Cu, 370koz Au, 3.4Moz Ag

## 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

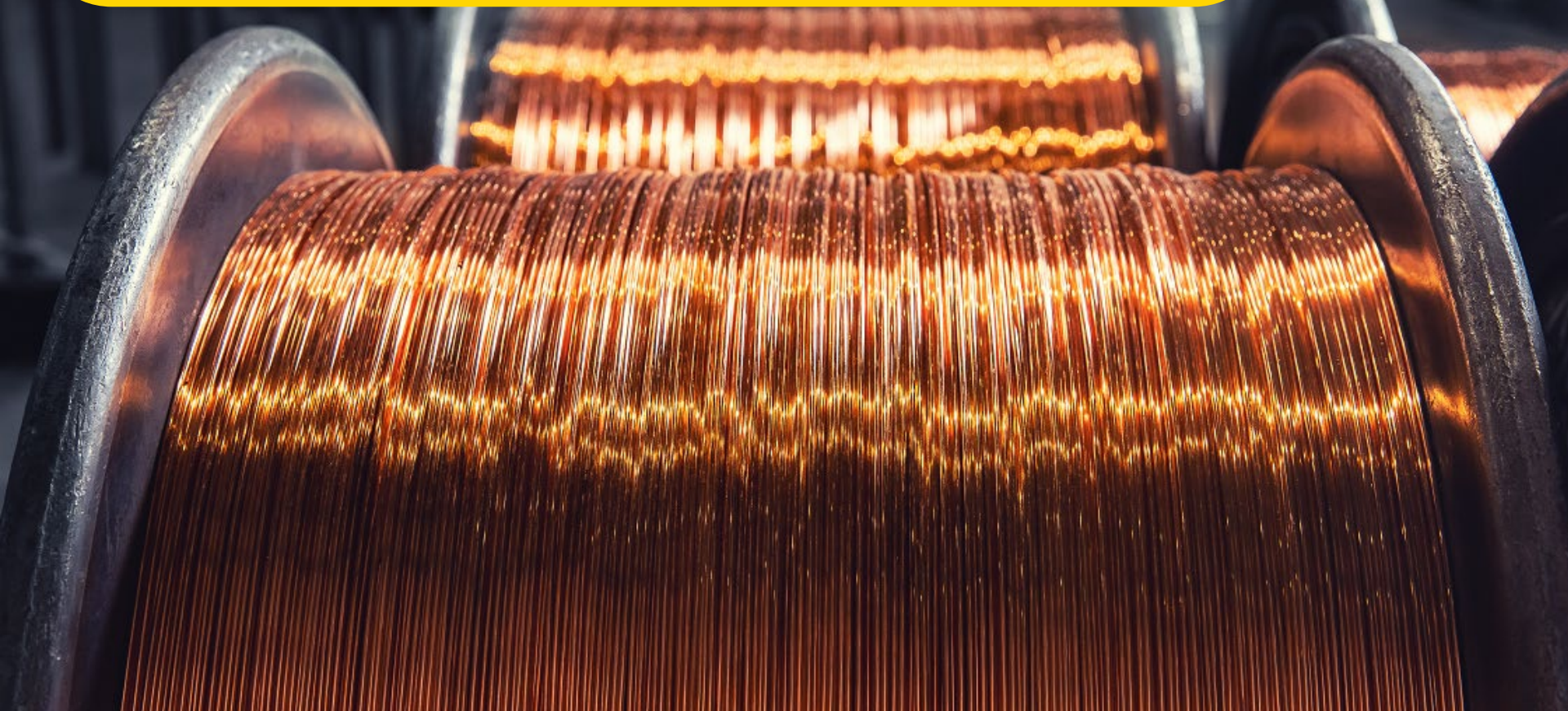
1. For further details refer to FireFly ASX announcement dated August 31, 2023. Prepared in accordance with Canadian National Instrument 43-101. The estimate is a foreign estimate and has not been reported in accordance with JORC 2012. A competent person has not done sufficient work to classify the foreign 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  $CuEq(\%) = Cu(\%) + (0.74112 \times Au(g/t)) + (0.00876 \times Ag(g/t))$ . 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. 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 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	Navarre Minerals Ltd.	1,838	<a href="https://minedocs.com/23/Navarre-PR-06302022.pdf">https://minedocs.com/23/Navarre-PR-06302022.pdf</a>
Peak	Aurelia Metals Ltd.	NA	<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/9a655d64-21c1-4bcb-8d55-b03d82a29377/June-2022-Quarterly-Activities-Report.pdf">https://www.igo.com.au/site/pdf/9a655d64-21c1-4bcb-8d55-b03d82a29377/June-2022-Quarterly-Activities-Report.pdf</a>
Eloise	AIC Mines Ltd.	13,151	<a href="https://www.listcorp.com/asx/aim/aic-mines-limited/news/quarterly-activities-report-2736854.html">https://www.listcorp.com/asx/aim/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/640b21824379a3d73f0eeecde/643e1dda8e60d8aa1f05d70f_20230124-29M-Dec-Qtr-2022%20Report_vF.pdf">https://global-uploads.webflow.com/640b21824379a3d73f0eeecde/643e1dda8e60d8aa1f05d70f_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/640b21824379a3d73f0eeecde/643e1dda8e60d8aa1f05d70f_20230124-29M-Dec-Qtr-2022%20Report_vF.pdf">https://global-uploads.webflow.com/640b21824379a3d73f0eeecde/643e1dda8e60d8aa1f05d70f_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/SandfireJune2022QuarterlyReport.pdf">https://www.sandfire.com.au/wp-content/uploads/2023/03/SandfireJune2022QuarterlyReport.pdf</a>
Sierra Gorda	KGHM Polska Miedz SA	165,091	<a href="https://kghm.com/en/preliminary-production-and-sales-data-kgmh-polska-miedz-sa-group-december-2022?_sm_au_=_iHV5WvJSHZVH7JK0f4KH0V78M3">https://kgmh.com/en/preliminary-production-and-sales-data-kgmh-polska-miedz-sa-group-december-2022?_sm_au_=_iHV5WvJSHZVH7JK0f4KH0V78M3</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.newswirecorp.com/release/152541/Santacruz-Silver-Reports-2022-Full-Year-Record-Production-of-15010871-Silver-Equivalent-Ounces">https://www.newswirecorp.com/release/152541/Santacruz-Silver-Reports-2022-Full-Year-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/PAA5-12-31-2022-MDA-Exl.2-2023-02-22-15-17.pdf">https://www.panamericansilver.com/wp-content/uploads/2023/05/PAA5-12-31-2022-MDA-Exl.2-2023-02-22-15-17.pdf</a>
Boliviar	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-Boliviar-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-Boliviar-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>
Cayeli	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>
Chelopech	Dundee Precious Metals Inc.	13,986	<a href="https://s27.q4cdn.com/486073686/files/doc_financials/2022/sr/Annual-Information-Form-FINAL-03-30-2023.pdf">https://s27.q4cdn.com/486073686/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.pnnewsire.com/news-releases/new-gold-achieves-updated-2022-guidance-and-reports-fourth-quarter-and-full-year-2022-results-301748309.html">https://www.pnnewsire.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>

## 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/2023/02/03160804/8tfcfta8gmWhn0D4N.pdf">https://wp-centerra-2023.s3.ca-central-1.amazonaws.com/media/2023/02/03160804/8tfcfta8gmWhn0D4N.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>
Caraiiba	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>
Zaldivar	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://hubdayminerals.com/investors/press-releases/press-release-details/2023/Hudbay-Announces-Fourth-Quarter-and-Full-Year-2022-Results-and-Provides-Annual-Guidance/default.aspx">https://hubdayminerals.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>