**ASX FFM** 

# 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 large scale rapid resource growth
- World-class exploration upside
- Exceptional infrastructure including underground mines, processing plant, port and hydro power
- Tier one mining jurisdiction

### Not for release to US wire services or distribution in the United States

#### **DISCLAIMER & CAUTIONARY STATEMENTS**



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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, 15/07/2021, 15/07/2021, 15/07/2021, 2/08/2021, 5/10/2021, 18/1/2022, 3/5/2022, 23/6/2022, 22/11/2022, 24/1/2023, 31/8/2023, 11/12/2023 & 16/1/2024. 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 ("IORC 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.



#### FORWARD LOOKING INFORMATION

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

#### NOT INVESTMENT ADVICE

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#### INVESTMENT RISK

There are a number of risks specific to the Company and of a general nature which may affect the future operating and financial performance of the Company and the value of an investment in the Company, including and not limited to the Company's capital requirements, the potential for shareholders to be diluted, risks associated with the reporting of resources estimates, budget risks, and operational risk. An investment in Shares is subject to known and unknown risks, some of which are beyond the control of the Company. The Company does not guarantee any particular rate of return or the performance of the Company. Investors should have regard to the risk factors outlined in the previous ASX presentation dated 31 October 2023 on the slides titled "Key Risks" when making their investment decision.

#### 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>1,2</sup>
- A\$250M of mine infrastructure
- Targeting significant and immediate growth through drilling

### 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\$24M cash<sup>3</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. 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\$2.59/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 x Au(g/t)) + (0.00876 x 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. 3. At 24 October 2023.

# **Exceptional Share Register and Strong Balance Sheet**



FireFly Metals' Board and Management invested A\$5 million in recent placement

CLIDDENIT1

Shawand

Partners

Financial Services

CAPITAL STRUCTURE	CURRENT	•	•
Shares on issue	363M	A\$0.56	A\$203M
Management performance rights	<b>24.8M</b> <sup>3</sup>	Current Share Price <sup>1</sup>	Market Capitalisation <sup>1</sup>
Top 20 Shareholders	57%		
SHAREHOLDER SUMMARY		A\$179M	1.4M
Board & Management (fully diluted)	17%	Current Enterprise Value <sup>1</sup>	Average Daily
Australian & Global Institutions	48%		Volume <sup>4</sup>
Research from following groups:		A\$24M	No Debt
	Shawand	Cash Position <sup>2</sup>	



Canaccord Genuity

CADITAL STOLICTUDE

EUR ØZ

**ARGONAUT** 

<sup>1.</sup> As at 15 January 2024

<sup>2.</sup> As at 24 October 2023

<sup>3.</sup> Management performance rights and options unlisted

<sup>4.</sup> From 4 September 2023 to 15 January 2024

# **Board and Management**

### A Leadership team with proven success in the Resources Sector





Ray Shorrocks

#### Non-Executive Chairman

Previous Chairman of Bellevue Gold, Non-Executive Chair of Alicanto Minerals, Interim Executive Director of Mitre Mining Corporation

30 years' experience working in the Resources investment banking industry, highly conversant and experienced in all areas of mergers and acquisitions and equity capital markets.

Significant track record of transactions in the metals and mining sectors.



**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.



**Kevin Tomlinson** 

#### Non-Executive Director

Non-Executive Independent Chair of Bellevue Gold (ASX200), former Chair of Cardinal Resources and nonexecutive 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.



**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 – BD for Northern Star Resources.



Maddison Cramer

JOINT COMPANY

SECRETARY
Bellevue Gold, Cygnus
Metals, Midas
Minerals



#### William Nguyen

CHIEF FINANCIAL
OFFICER & JOINT
COMPANY SECRETARY
Regis, Cliffs Natural
Resources



# David Southam ADVISOR TO THE BOARD

Cygnus Metals, Ramelius Resources, 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

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 and 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 260,00oz 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, Nickle, 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 **Manufactures 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 Underground Mine**

# A Large-Scale VMS Mineralised System



### Drilling<sup>1,2</sup> has extended the high-grade unmined massive sulphide zone for 350 metres and remains OPEN

74.8m @ 10.9% CuEq (9.0% Cu & 2.2g/t Au) R19-745-08	47.2m @ 6.8% CuEq (4.7% Cu & 2.2 g/t Au) RM22-795-14
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 MUG23-000
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

- Underground drilling well underway, already +2,500m completed to mid January
- Second rig on site (will double underground drill meters and news flow)
- Underground drill drive well underway, already +170m completed to mid January
- Targeting large-scale low-cost rapid resource growth



# 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. 100,000 Green Bay Copper-Gold Project – A huge growth opportunity TONNES Significant and immediate growth through the drill bit Targeting a larger scale mid-tier copper operation 2022 (ACTUAL) **PRODUCTION Exceptional exploration potential** 50,000 COPPER Peak (Aurelia) Ming Mine Savannah (Panoramic) Nova-Bollinger (IGO) Telfer (Newcrest) Grove (29 Metals) Tritton (Aeris) Capricorn (29 Metals) Red Chris (Newcrest) Cerro Colorado (BHP) Ernest Henry (Evolution) DeGrussa (Sandfire) East (Newcrest) Spence (BHP) Bingham Canyon (Rio) Antas (BHP) Eloise (AIC Mines) Prominent Hill (BHP) arrapateena (BHP) Sierra Gorda (South 32) Oyu Tolgoi (Rio Tinto) Olympic Dam (BHP) Escondida (BHP) Mount Carlton (Navarre) Golden

**ASX FFM** 

# **Green Bay Copper-Gold Highlights**

FireFly METALS

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







### **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

### **Operationally ready UG mine**

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

### **High Grade Copper-Gold**

Resources

- Current resource of 39.2Mt @ 1.83% copper & 0.5g/t gold for 811kt at 2.07% copper equivalent<sup>1,2</sup>
- High-confidence with 68% in the M&I resource category<sup>1</sup>
- 370koz of gold and 3.4Moz of Silver
- Simple metallurgical processing with recoveries of 96%

### +A\$250M of Infrastructure

- Fully permitted operation
- >20km of underground development
- Processing Plant
- Crushing & Floatation
- 1,500tpd / 500ktpa
- Port with concentrate storage
- Shaft
- Surface workshops, offices & 50-person camp
- Hvdro Power



<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 2012.

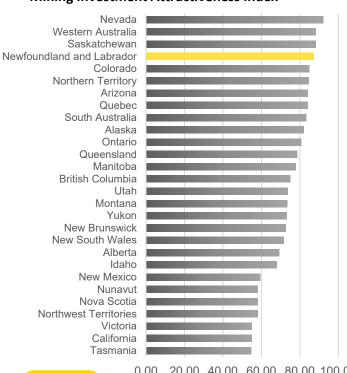
2. Metal equivalents calculated using a copper price of US\$8,295/t, gold price of US\$1,912/oz and a silver price of US\$2.59/oz. Individual grades for the metals are set out at Appendix 9 of this announcement. Copper equivalent was calculated based on the formula CuEq(%) = Cu(%) + (0.74112 x Au(g/t)) + (0.00876 x 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





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



### **MAJOR MINING & 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
- Maritime Resources Gold exploration
- Matador Gold exploration

### MAJOR OIL & GAS **PRODUCTION FIELDS +25yrs**

- Hibernia Oil Chevron / ExxonMobil
  - Hebron Oil Chevron / ExxonMobil

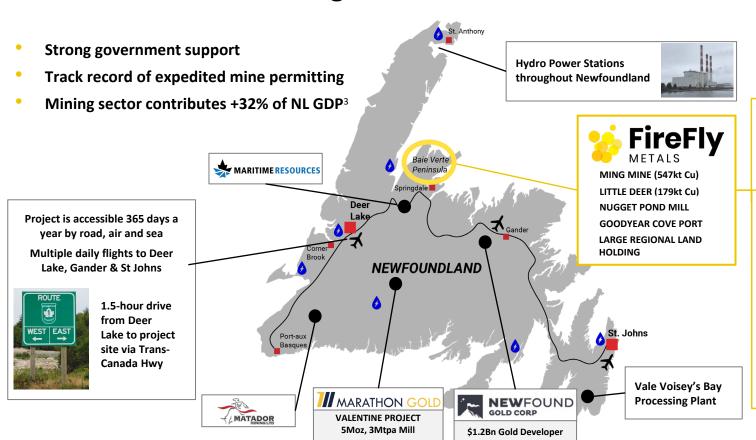
### PROVINCE OF LABRADOR & NEWFOUNDLAND



80.00 100.00

1. Data Source: Fraser Institute Annual Survey of Mining Companies 2022, May 2023

# **Newfoundland - A Mining and Maritime Province**





Ming & Little Deer Cu-Au Mine Complex; Nugget Pond Gold Deposit



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

#### **Processing Plant**



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

#### **Goodyears Cove Port**



- Access to deep water port
- 10,000t of concentrate storage



- 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\$2.59/oz
- 3. Data Source: Statista Distribution of gross domestic product of Newfoundland and Labrador, Canada in 2021 by industry

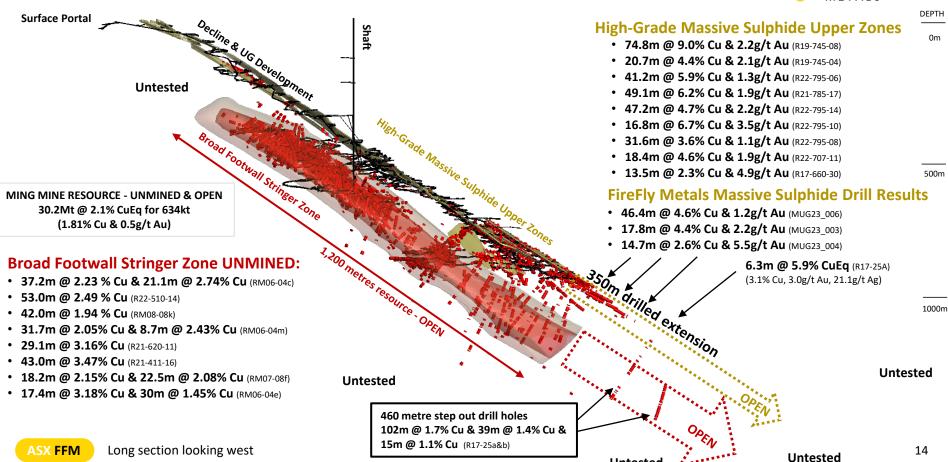
# On Location – Green Bay, all set up





# A Major VMS Copper-Gold Mineralised System



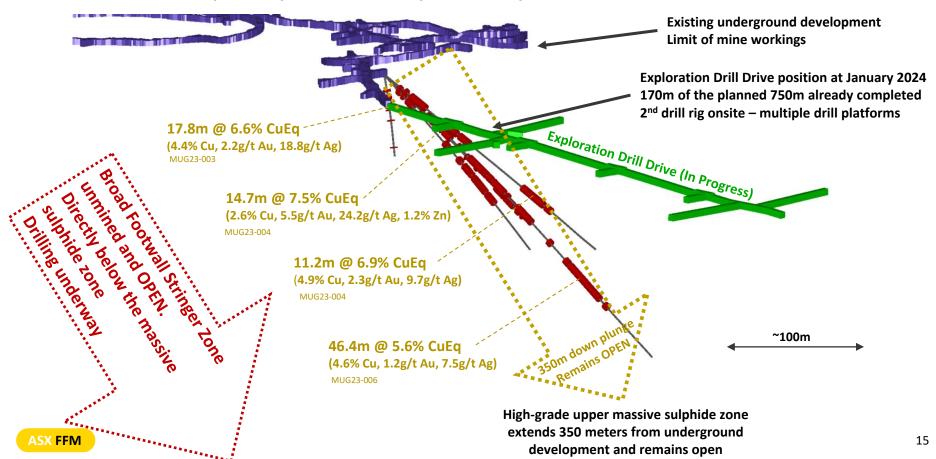


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### **Drill Results Extend High-Grade Zone 350m - Remains Open**

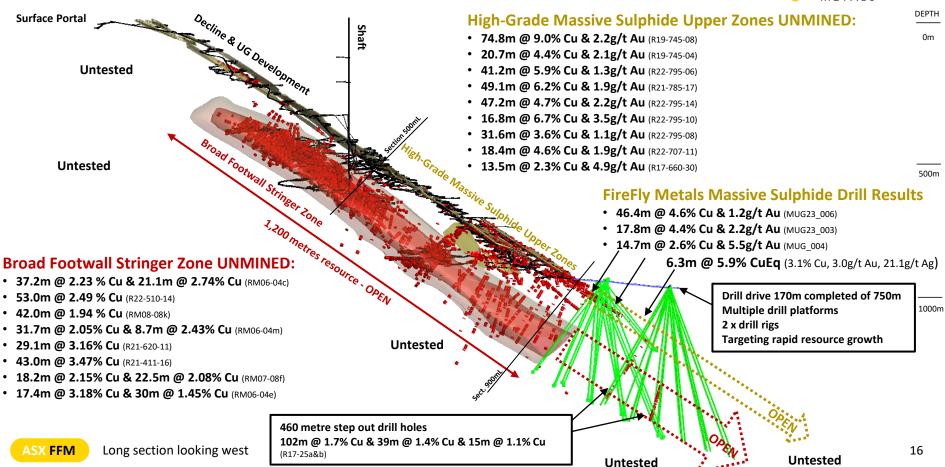


New Drill Drive for multiple drill platforms already 170m complete



# A Major VMS Copper-Gold Mineralised System

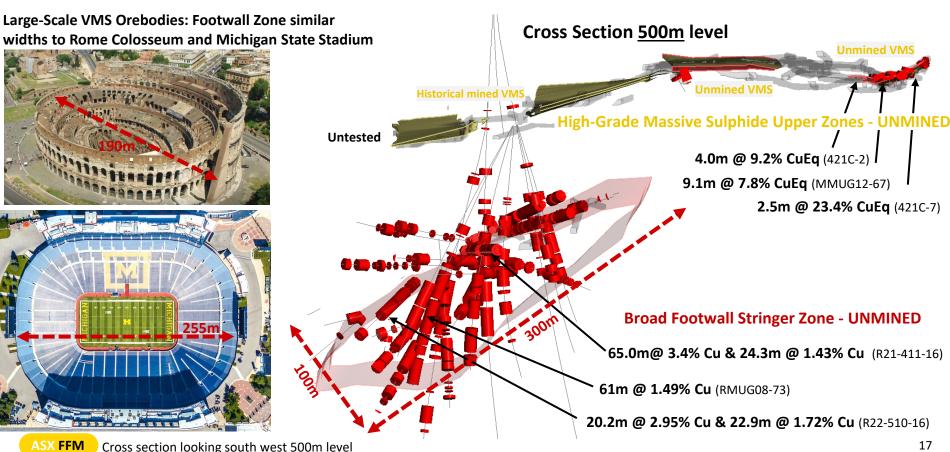




# **Consistent and Continuous Large Scale Ore Bodies**



Untested

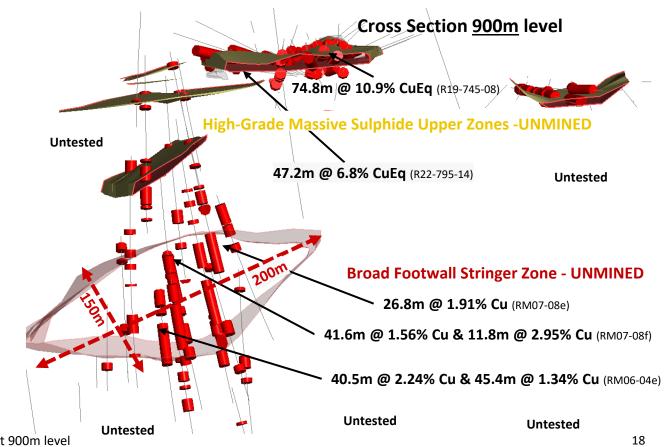


Untested

# **Consistent and Continuous Large Scale Ore Bodies**



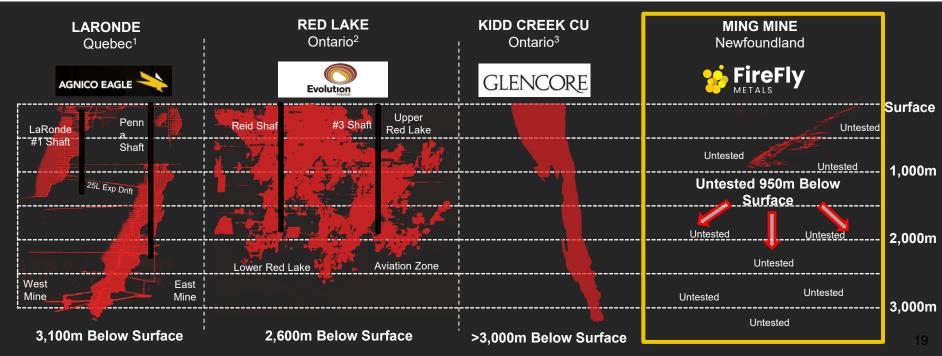
- Upper high-grade massive sulphide zones unmined & open
- Broad Lower footwall zone unmined & open
- Underground drilling underway
- Underground drill drive (750m) to establish further drill pads and future mining underway +160m completed
- 2<sup>nd</sup> drill rig now on site
- Utilising Down Hole Electro-Magnetic (DHEM) geophysics to vector any new mineralized zones.
- New discovery drilling large areas completely untested



# Mining Depths in Canada – Significant Scope to Grow



- 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)



# **Underground Mine is Ready and Fully Operational**

FireFly METALS

- Low-cost Care and Maintenance
- Ready to turn back on at any moment
- Operational pumping system, vent fans & heating
- Exceptional geotechnical ground conditions
- Decline accessible to 1,000m & Shaft to 650m
- Dewatered and fully permitted
  - Already two UG drill rigs operatingJumbo UG mining 750m drill drive underway





Massive Sulphide
High-Grade Copper-Gold



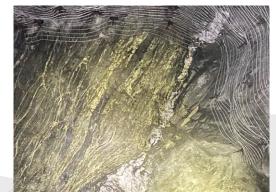
**Development Drive** 



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



**High-Grade Development Face** 





## **Ready to Drill Targets – Significant News Flow**



Rapid resource and mine growth planned over next 18 months

Milestone <sup>1</sup>	Q4 23	Q1 24	Q2 24	Q3 24	Q4 24	Q1 25	Q2 25	Q3 25	Q4 25
YEAR 1 PROGRAM									
UG Drilling - Upper extensions		<b>(</b>	$\Rightarrow$						
UG Drilling - Parallel zones		<b>(</b>							
UG Exploration Drill Drive (Phase 1 - 750m)	<b>/</b>	<b>(</b>		•					
UG Resource Drilling VMS and LFWZ Extensions	<b>~</b>	<b>(</b>		$\Rightarrow$					
Resource & Upscale Studies									
PHASE 2 PROGRAM									
UG Exploration Drill Drive (Phase 2 - 750m)									
UG Resource Drilling – VMS and LFWZ Extensions				<b>\</b>					
Resource & Upscale Studies									
UG Res Def Drilling M&I Infill – VMS & LFWZ Extensions							<b>(</b>		<b>=</b> >
Resource & Upscale Studies									

### **Year 1** Immediate Growth

**Growing the VMS & Lower Footwall Zone** 

- UG drill platforms ready to go (commenced)
- ~40,000m of resource and exploration drilling
   (3000m completed already)
- 750m UG exploration drill drive (160m already)
- 3x underground drill rigs (2 onsite already)
- Increase resource & new targets

### **Phase 2 Growth**

**Expanding the VMS & Lower Footwall Zone** 

- ~60,000m of resource and infill M&I drilling
- 750m exploration drill drive
- 3x underground drill rigs
- Increase resource & confidence
- Upscale mining studies



# 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\$24 Million<sup>3</sup> for Immediate Growth Drilling

#### **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>1,2</sup>
- Immediate and rapid resource growth: already 2x drill rigs and 1x Jumbo
- Significant upscaling for a mid-tier copper operation
- A\$250M of Infrastructure including UG mines, shaft, declines, processing plant, 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



# **Supplementary Information**

- Appendix 1. Pickle Crow Gold Deposit 2.8Moz @ 7.2g/t Gold
- Appendix 2. Gold Hunter Acquisition
- Appendix 3. Permitting in Newfoundland & Labrador
- Appendix 4. Exploration Targeting
- Appendix 5. Little Deer Cu-Au Complex
- Appendix 6. Processing Infrastructure
- Appendix 7. Learning from the past an opportunity
- Appendix 8. Macro Copper landscape
- Appendix 9. ESG The Cornerstone of FireFly's Business
- Appendix 10. FireFly Metals Resources
- Appendix 11. Copper production data





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



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



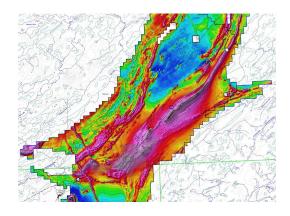
### **LOCATION**

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

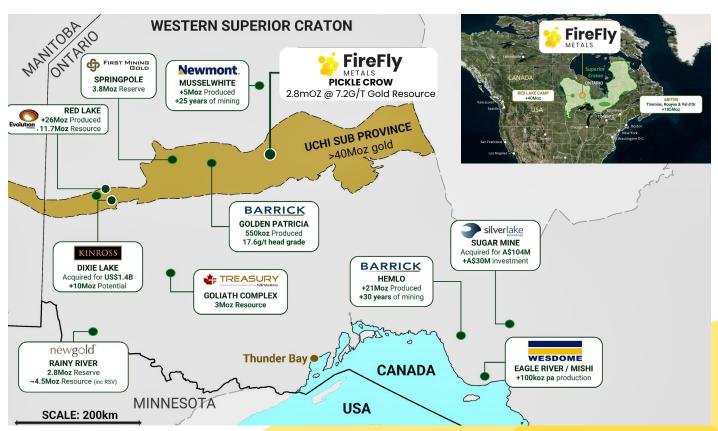
- 2.8Moz @ 7.2g/t inferred gold resource
- Rapid resource growth
- Open in all directions
- Exceptional discovery potential in a consolidated mineral district

ASX FFM

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

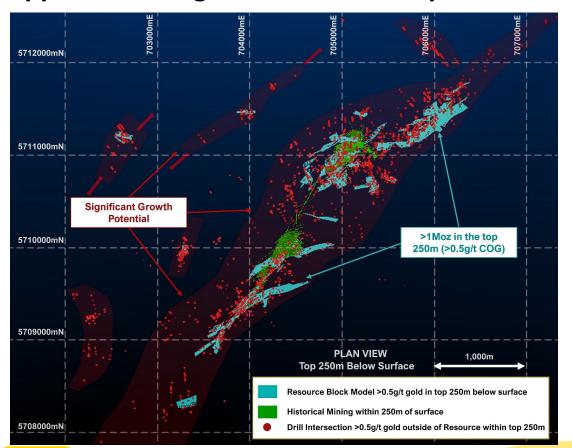


Pickle Crow Gold Deposit is surrounded by World-Class Gold Mines



# **Appendix 1 – Significant Shallow Open Pit Potential**





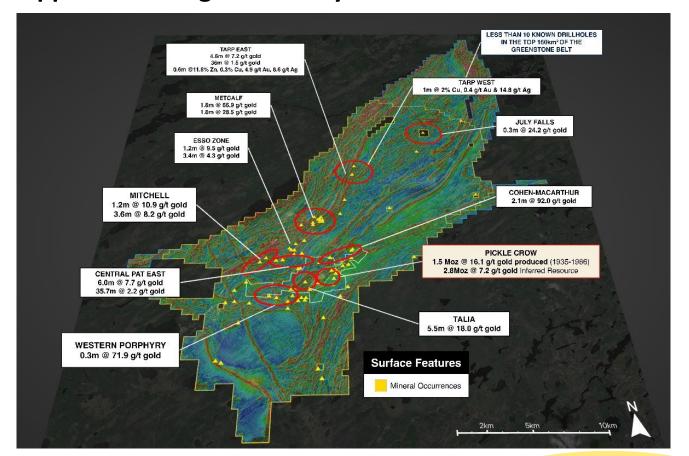
# Significant Potential to Grow the 2.8Moz @ 7.2g/t Resource

- 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 top250 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**





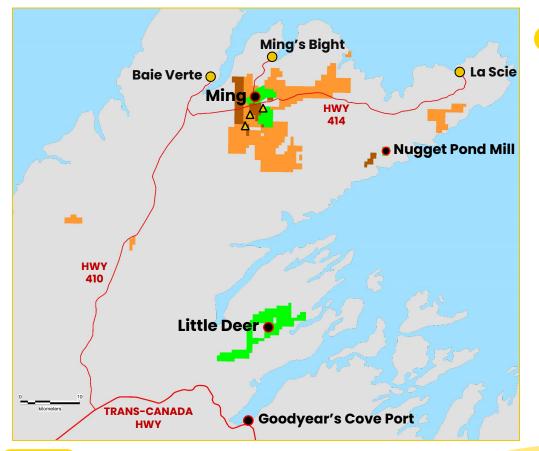
#### **EXCEPTIONAL UPSIDE**

- 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 – GREEN BAY COPPER-GOLD ADDITIONAL GROUND





#### **GOLD HUNTER ACQUISITION**

- Agreed to acquire 169sqkm of additional ground adjacent to the Green Bay copper-gold project from Gold Hunter Resources Inc. (CNSX: HUNT)
- Consideration of 30,290,624 Shares and C\$500,000 cash<sup>1</sup>
- Completion expected early March 2024



**ASX FFM** 

28

# **Appendix 3 – Permitting in Newfoundland & Labrador**



### **Case Study – Valentine Gold Project**

Marathon Gold, Newfoundland

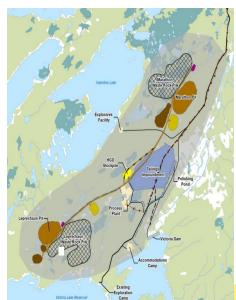
- Developing the Marathon-Leprechaun Mine Complex
- A large open pit and 3Mtpa Mill
- Greenfields site no previous mining
- EA process completed in only 2.5 years
- Newfoundland government approved the project 5 months before the federal government
- The operation will go from PFS to production in only 4 years











# **Appendix 3 – Permitting in Newfoundland & Labrador**

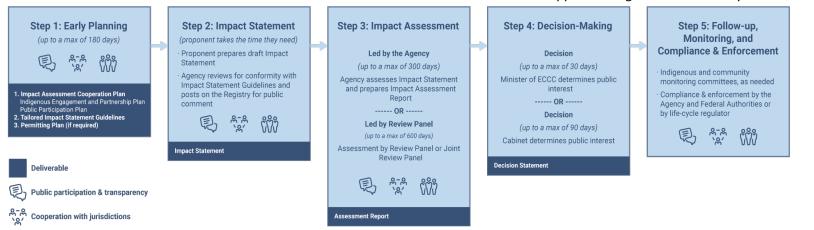


### Strong government support and leveraging existing permits to fast-track any future expansion

### 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

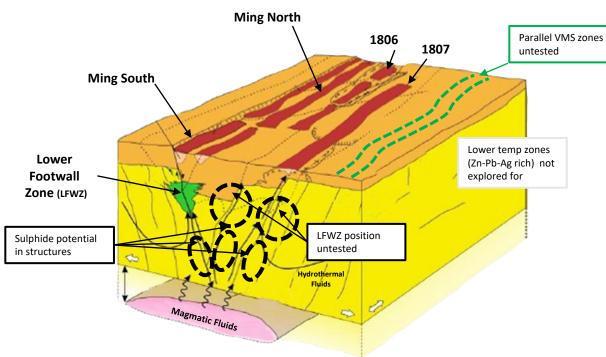


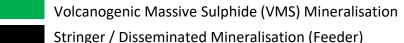


**Engagement with Indigenous peoples** 

## **Appendix 4 – Exploration Targeting**

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









### **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

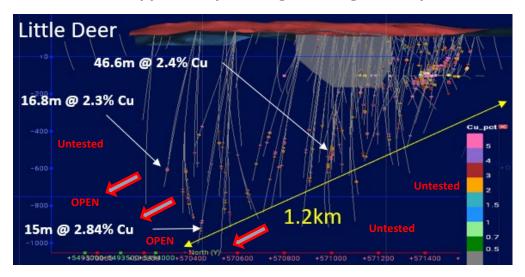
### **KEY TARGETS**

- 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

# **Appendix 5 – Nearby Little Deer Cu-Au Complex**

FireFly METALS

An unrealised opportunity with significant growth upside

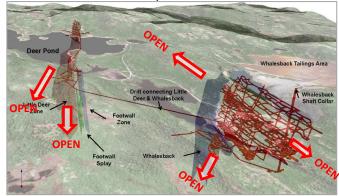


#### **CURRENT RESOURCE**

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

# 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 (~90km2)
- Little exploration work undertaken
- No modern geophysics
- Mineralisation open





# **Green Bay Project over A\$250M of Mines and Infrastructure**



#### Ming Cu-Au Mine Complex



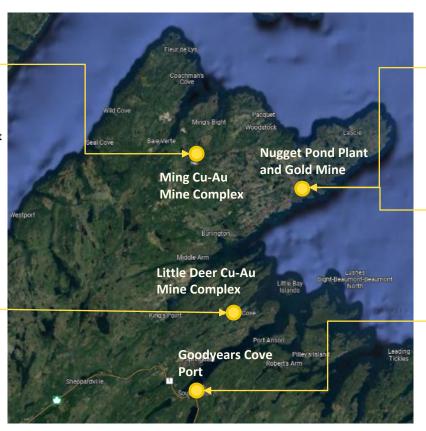
#### Ming Mine

- Current Resource<sup>1</sup> 30.2Mt @ 1.81% Cu & 0.5g/t Au for 634kt @ 2.1% CuEq (68% M&I)
- Historically produced 1972-82 and 2012-23 for 6.7Mt @ 2.0% Cu
- Adjacent mines Ming East & West
- Numerous untested targets
- Open in all directions

#### Little Deer Cu-Au Mine Complex



- Little Deer and Whalesback Mines
- Current Resource 9.1Mt @ 1.90% for 172Kt Cu
- Produced 3.8Mt @ +1% Cu from 1960-72
- Numerous untested targets



#### **Nugget Pond Processing Plant**



- Conventional 500ktpa / 1,500tpd crushing, grinding and flotation circuit
- 96% copper recoveries
- Concentrate trucked to port

#### **Nugget Pond Gold Mine**

- High grade historic underground mine
- 10.6g/t gold for 170koz (closed in 2001)

#### **Goodyears Cove Port**



- Access to deep water port
- 10,000t of concentrate storage capacity
- Can be easily upgraded
- 800t per hour loading conveyor



# **Appendix 6 – Processing Infrastructure**

Fully permitted 500ktpa processing plant and port facility



### HYDROMET PLANT CONCENTRATOR PLANT

### Metallurgically Simple Standard Processing Method with 96% Historic Copper Recovery

### Crushing



- 2 stage Jaw and Cone Crusher (140tph)
- Crushed to ¾"
  Conveyed to
  holding silo

### Grinding



- Fed to a SAG mill
  - Then passed into the ball mill
- Ball mill discharge pumped to cyclone Overflow goes to
- floatation
- Target is p80 passing 106 micron

### Floatation



- Standard copper flotation process
- Rougher
- Scavenger
- Primary, Secondary& Tertiary cleaners

Tails

### **Tailings Dam & Polishing**



### Dewatering



- Filter press reduces moisture to ~7%
- Each press produces
  9 tonnes of
  concentrate at 29%
  copper

Concentrate
Trucked to Port

### **Goodyear Cove Port**



# **Appendix 7 – Learning From The Past- An Opportunity**



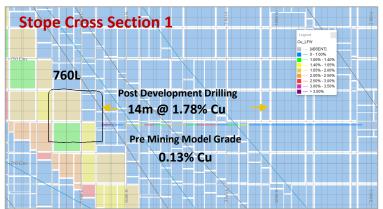
- **GROWING THE RESOURCE AND OPERATING AT THE RIGHT SCALE**
- Two key areas have prevented the past success of the Ming operation Orebody definition and a high-cost structure driven by inappropriately sized infrastructure relative to the orebody tonnes and grade
- All these issues can be resolved with appropriate capital investment to unlock the massive potential of the Ming Orebody

	Historical Issues	FireFly Metals Strategy and Learnings
Orebody Definition	<ul> <li>Overall lack of investment in drilling at all stages of the mining cycle (Grade Control, Res Definition &amp; Exploration)</li> <li>Lack of drilling prior to mining resulting in poor extraction and reactionary mine planning &amp; decision making</li> <li>Limited forward-looking drilling resulted in limited medium to long term planning</li> </ul>	<ul> <li>Increase grade control definition drilling before mining – critical to maximise economic extraction of ore</li> <li>Immediately invest in an exploration drill drive to define the resources to allow better medium to long-term mine planning</li> <li>Utilise in-mine geophysical methods to identify mineralised zones</li> </ul>
High-Cost Structure	<ul> <li>High unit costs due to small scale infrastructure that does not match the grade &amp; tonnage of the Ming orebody</li> <li>Mining rates limited by mill capacity – small scale mining resulted in very low productivity, high unit costs and a high cut-off grade</li> <li>Lack of capital investment to right-size infrastructure</li> </ul>	<ul> <li>There is significant potential to improve the economics of Ming</li> <li>The Ming Lower Footwall Zone mineable by bulk mining methods</li> <li>FireFly will define the resource and then determine the right sized pathway to maximise the value of the resource, building a strong business case to invest in capital improvements</li> </ul>
Covid	<ul> <li>Issues with workforce, shutdowns and supply chain issues caused by Covid-19 pandemic</li> </ul>	<ul> <li>Local workforce, protocols, critical spares on site. FireFly successfully managed a 3-rig drill campaign during the pandemic at Pickle Crow</li> </ul>

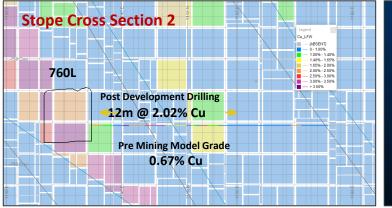
# **Appendix 7 – Learning From The Past – An Opportunity**

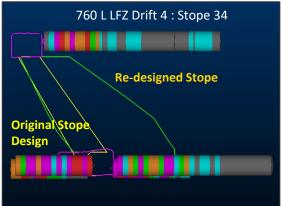


#### **EXAMPLE OF POOR PRE-MINING DEFINITION DRILLING**



- The 760L Lower Footwall drive was mined prior to grade control drilling
- In-drive drilling identified significant mineralisation in the footwall originally not modelled
  - 14m @ 1.78% Cu & 12m @ 2.02% Cu
- The development was, in hindsight, not in the ideal position for stoping
- This had impact on mining planning



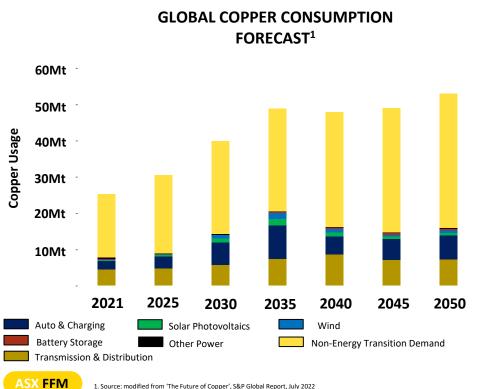


Stope 34	Tonnes	Grade	Tonnes Cu
Original	9,145	2.44%	233
GC Drilled	18,318	2.02%	370
Difference	+101%	-17.3	+58%

# **Appendix 8 – Macro Copper Landscape**



FireFly is well positioned to capitalise on the structural deficit in copper supply driven by the explosion in demand driven by global decarbonisation technologies

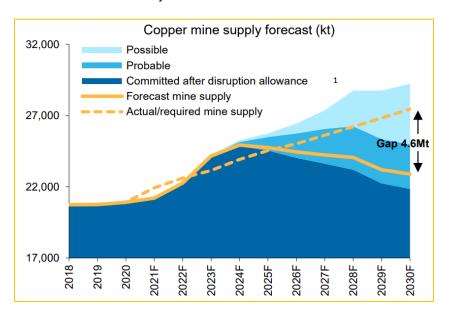


#### COPPER USE IN ENERGY DECARBONISATION TECHNOLOGY<sup>1</sup> Hydrogen **SOLAR ENERGY** H2 **GEO THERMAL** WIND **BATTERY** WIND **OFFSHORE STORAGE ONSHORE** CONC. LOW SOLAR **HYDRO Copper Intensity POWER Technology MEDIUM** HIGH **ELECTRIC POWER Copper Intensity** VEHICLES Copper Intensity NETWORK Technology Technology

# **Appendix 8 – Macro Copper Landscape**

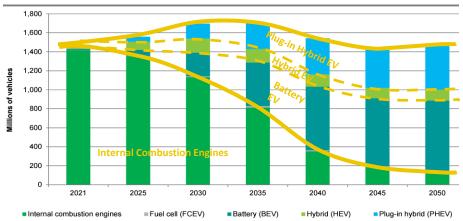


- There are not enough copper mines in the world to meet forecast demand driven by decarbonization
- Copper grades are dropping, mines are becoming deeper and permitting more difficult in some jurisdictions.



# THE ELECTRIC VEHICLE REALITY A battery EV uses nearly 4 times more copper than an ICE<sup>2</sup>





# **Appendix 9 – ESG is the Cornerstone of FireFly's Business**



### Sustainability is at the forefront

- Agreement signed with Mishkeegogamang Ojibway First Nation
- Avoidance of culturally and spiritually sensitive areas
- Participation in local community activities





- Commitment to baseline monitoring and progressive rehabilitation
- Minimisation of disturbance, maintaining a healthy ecosystem
- Improve what FireFly inherited (legacy site)

Inclusion

- Carbon-neutral hydro power being investigated for future mine development
- Energy reduction initiatives



Community



Safety



- No LTI's on site 2020 2023 YTD
- Safety committee, risk assessments and governance processes in place



# **Appendix 10 – FireFly Metals Resources**



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

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

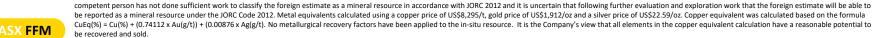
LITTLE DEED	Measured			Indicated			Inferred			TOTAL RESOURCE		
LITTLE DEER	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Copper	-	-	-		2.13%	61Kt		1.79%	111kt		1.90%	172kt
Gold	-	-	-	2.8Mt	0.1g/t	9koz	6.2Mt	0.05g/t	9koz	9.1Mt	0.07g/t	19koz
Silver	-	-	-		3.4g/t			2.2g/t	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

**Total Resource:** 39.2Mt @ 1.83% Cu, 0.29g/t Au & 2.7g/t Ag

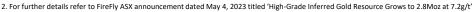
**Contained Metal:** 719kt Cu, 370koz Au, 3.4Moz Ag 68% of the Copper is in M&I

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

DICKLE CDOM	Measured			Indicated				Inferred		TOTAL RESOURCE		
PICKLE CROW	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





# **Appendix 11 – 2022 Copper Production Data**

# **FireFly**METALS

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

PROPERTY	CURRENT OWNER	2022 Cu PRODUCTIO	COURSE DATA
PROPERTY	CURRENT OWNER	N (Tonnes)	SOURCE DATA
Mount Carlton	Navarre Minerals Ltd.	1,838	https://minedocs.com/23/Navarre-PR-06302022.pdf
Peak	Aurelia Metals Ltd.	NA	https://www.listcorp.com/asx/ami/aurelia-metals-limited/news/quarterly-activities-report-june-2022-2739995.html
Savannah	Panoramic Resources Ltd.	1,908	https://www.listcorp.com/ass/pan/pancramic-resources/news/quarterly-activities-report-2866691.html
Antas	BHP Group Ltd.	11,378	https://www.istcorp.com/ass/azl/oz-minerals/news/cz-minerals-2022-fourth-quarter-eport-2828482.html
Nova-Bollinger	IGO Ltd.	11,483	https://www.ido.com.au/site/pdf/98d5564-21c1-49cb-dist-box8d52-8037/June-2022-Quarterly-Activities-Report.pdf
Eloise	AIC Mines Ltd.	13,151	
Telfer	Newcrest Mining Ltd.	13,904	https://www.listcorp.com/asx/a1m/aic-mines-limited/news/quarterly-activities-report-2736854.html https://www.newcrest.com/sites/default/files/2022-07/220721 Newcrest%20Jun%202022%20Quarterly%20Report.pdf
Golden Grove	29Metals Ltd.	16,938	
Tritton	Aeris Resources Ltd.	18,581	https://global-uploads.webflow.com/640b21824379a3d73f0eecde/643e1dda8e60d8aa1f05d70f_20230124-29M-Dec-Qtr-2022%20Report_vF.pdf
Capricorn Copper	29Metals Ltd.	23,824	https://clients3.weblink.com.au/pdf/AIS/02541591.pdf
Red Chris	Newcrest Mining Ltd.	30,665	https://global-uploads.webflow.com/6402182437983d73f0eecde/643e1dda8e60d8aa1f05d70f_20230124-29M-Dec-Qtr-2022%20Report_vF.pdf
	BHP Group Ltd.		https://imperialmetals.com/assets/docs/2023-01-24-iii-nr.pdf
Cerro Colorado		55,000	https://www.londonstockexchange.com/news-article/BHP/quarterly-activities-report/16048237
Prominent Hill	BHP Group Ltd.	55,547	https://www.listcorp.com/asx/ozl/oz-minerals/news/oz-minerals-2022-fourth-quarter-report-2828482.html
Carrapateena	BHP Group Ltd.	57,139	https://www.listcorp.com/asx/ozl/oz-minerals/news/oz-minerals-2022-fourth-quarter-report-2828482.html
Ernest Henry	Evolution Mining Ltd.	NA	https://evolutionmining.com.au/wp-content/uploads/2022/10/Evolution-Annual-Report-2022.pdf
DeGrussa	Sandfire Resources Ltd.	67,740	https://www.sandfire.com.au/wp-content/uploads/2023/03/SandfireJune2022QuarterlyReport.pdf
Sierra Gorda	KGHM Polska Miedz SA	165,091	https://kghm.com/en/preliminary-production-and-sales-data-kghm-polska-miedz-sa-group-december-2022?_sm_au_=iHVV5WrJSHZVHj7HJK0f4KH0V78M3
Cadia East	Newcrest Mining Ltd.	85,383	https://www.newcrest.com/sites/default/files/2022-07/220721_Newcrest%20Jun%202022%20Quarterly%20Report.pdf
Spence	BHP Group Ltd.	115,000	https://www.londonstockexchange.com/news-article/BHP/quarterly-activities-report/16048237
Oyu Tolgoi	Rio Tinto Group	129,500	https://www.riotinto.com/en/news/releases/2023/rio-tinto-releases-fourth-quarter-production-results
Olympic Dam	BHP Group Ltd.	138,400	https://www.londonstockexchange.com/news-article/BHP/quarterly-activities-report/16048237
Bingham Canyon	Rio Tinto Group	179,200	https://www.riotinto.com/en/news/releases/2023/rio-tinto-releases-fourth-quarter-production-results
Escondida	BHP Group Ltd.	1,061,500	https://www.riotinto.com/en/news/releases/2023/rio-tinto-releases-fourth-quarter-production-results
Zimapan/El Monte	Santacruz Silver Mining Ltd.	1,287	https://www.newsfilecorp.com/release/152541/Santacruz-Silver-Reports-2022-FullYear-Record-Production-of-15010871-Silver-Equivalent-Ounces
El Valle	Orvana Minerals Corp.	2,181	https://www.orvana.com/English/news/news-details/2022/ORVANA-ACHIEVES-FY2022-GUIDANCE-WITH-57658-GOLD-EQUIVALENT-OUNCES-PRODUCED/default.aspx
Mount Polley	Imperial Metals Corp.	2,815	https://imperialmetals.com/assets/docs/2023-01-24-iii-nr.pdf
Kainantu	K92 Mining Inc.	2,834	https://k92mining.com/news/k92-mining-announces-strong-2022-q4-and-annual-fin-5286/
Avino	Avino Silver & Gold Mines Ltd.	2,950	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/
Zinkgruvan	Lundin Mining Corp.	4,077	https://lundinmining.com/news/lundin-mining-fourth-quarter-and-full-year-2022-re-123105/
Huaron	Pan American Silver Corp.	4,300	https://www.panamericansilver.com/wp-content/uploads/2023/05/PAAS-12-31-2022-MDA-Ex1.2-2023-02-22-15-17.pdf
Bolivar	Sierra Metals Inc.	5,709	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
El Roble	Atico Mining Corp.	6,817	https://aticomining.com/investors/news/index.php?content_id=230
Las Cruces	First Quantum Minerals Ltd.	9,557	https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf
Quebrada Blanca	Teck Resources Ltd.	9,600	https://www.teck.com/news/news-releases/2023/teck-announces-2022-production-and-2023-quidance
Cayeli	First Quantum Minerals Ltd.	11,456	https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf
Guelb Moghrein	First Quantum Minerals Ltd.	13,313	https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf
Chelopech	Dundee Precious Metals Inc.	13,986	https://s27.q4cdn.com/486073686/files/doc_financials/2022/sr/Annual-Information-Form-FINAL-03-30-2023.pdf
New Afton	New Gold Inc.	14,107	https://www.prnewswire.com/news-releases/new-gold-achieves-updated-2022-quidance-and-reports-fourth-quarter-and-full-year-2022-results-301748309.html
Didipio	OceanaGold Corp.	14,361	https://newsreleases.oceanagold.com/2023-02-21-OceanaGold-Reports-Full-Year-2022-Financial-Results
Hudson Bay 777	Hudbay Minerals Inc.	14,778	https://hudbayminerals.com/investors/press-releases
Eagle	Lundin Mining Corp.	15,895	https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/
Aranzazu	Aura Minerals Inc.	16,179	https://auraminerals.com/wp-content/uploads/2023/02/2023.02.27-Press-Release-Aura-announces-Q4-2022-results.pdf



## **APPENDIX 11 – 2022 COPPER PRODUCTION DATA**



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

PROPERTY	CURRENT OWNER	2022 Cu PRODUCTIO N (Tonnes)	SOURCE DATA
Copper Mountain	Hudbay Minerals Inc.	23,996	https://www.prnewswire.com/news-releases/copper-mountain-mining-announces-fourth-quarter-and-full-year-2022-results-and-provides-2023-quidance-301781649.html
Cozamin	Capstone Copper Corp.	24,451	https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/
Minera Valle Central	Amerigo Resources Ltd.	29,030	https://newsdirect.com/news/amerigo-reports-2022-production-results-above-quidance-and-provides-2023-quidance-151737283
Neves-Corvo	Lundin Mining Corp.	31,906	https://indvanining.com/news/lundin-mining-anonacos-2022-production-results-123101/
Mount Milligan	Centerra Gold Inc.	33,504	https://wp-centerra-2023.s3.ca-central-1_amazonaws.com/media/2023/02/03160804/8tfcftTaBgmWhtn0D4N.pdf
Mantoverde	Capstone Copper Corp.	36,301	https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/
Carmen de Andacollo	Teck Resources Ltd.	39,500	https://www.teck.com/news/news-releases/2023/teck-announces-2022-production-and-2023-quidance
Mantos Blancos	Capstone Copper Corp.	41,231	https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-202-financial-results/
Gibraltar	Taseko Mines Ltd.	43,998	https://www.tasekomines.com/assets/docs/Q4-2022-NewsRelease.pdf
Chapada	Lundin Mining Corp.	45,739	https://www.dashconimes.com/news/lundin-mining-announces-2022-production-results-123101/
Caraíba	Ero Copper Corp.	46,371	https://enccopper.com/news/ero-copper-achieves-record-full-year-copper-and-gold-production-and-provides-2023-guidance/
Pinto Valley	Capstone Copper Corp.	56,844	https://encoupler.com/news/castone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/
Jabal Sayid	Barrick Gold Corp.	68,492	
Zaldivar	Barrick Gold Corp.	88,904	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
Constancia	Hudbay Minerals Inc.	89,395	
Highland Valley	Teck Resources Ltd.	119,100	https://hudbayminerals.com/investors/press-releases/press-releases/press-release-details/2023/Hudbay-Announces-Fourth-Quarter-and-Full-Year-2022-Results-and-Provides-Annual-Guidance/default.aspx
,		121,109	https://www.teck.com/news/news-releases/2023/teck-announces-2022-production-and-2023-guidance
Lumwana	Barrick Gold Corp.		https://www.barrick.com/English/news/news-details/2023/barrick-reports-stronger-q4-gold-production/default.aspx
Caserones	Lundin Mining Corp. First Quantum Minerals Ltd.	124,200	https://lundinmining.com/news/lundin-mining-announces-closing-of-the-acquisition-123123/
Kansanshi		146,282	https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf
Candelaria	Lundin Mining Corp.	152,042	https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/
Trident - Sentinel	First Quantum Minerals Ltd.	242,451	https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf
Kamoa-Kakula	Ivanhoe Mines Ltd.	333,497	https://ivanhoemines.com/news/2023/ivanhoe-mines-provides-2022-production-results-and-2023-production-guidance-for-the-kamoa-kakula-mining-complex/
Cobre Panama	First Quantum Minerals Ltd.	350,438	https://s24.q4cdn.com/821689673/files/doc_financials/2022/q4/Q4-2022-FQM-Management's-Discussion-Analysis-FINAL.pdf

