

ASX AUTDA

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

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NO NEW INFORMATION OR DATA - PICKLE CROW AND GREEN BAY PROJECT

This presentation contains references to Mineral Resource Estimates 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. 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\$2,895/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. This announcement also contains references to exploration results that were reported in accordance with ASX Listing Rule 5.7. The Company confirms that it is not in possession of any new information or data relating to the foreign estimate or exploration results that materially impacts on the reliability of the estimate or exploration results 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.

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 and 31/8/2023. 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

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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, risks associated with the COVID-19 pandemic 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^{1,2}
- 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

^{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.



Exceptional Share Register and Strong Balance Sheet



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

CAPITAL STRUCTURE	CURRENT ¹			
Shares on issue	361M			
Management performance rights	24.8M ³			
Top 20 Shareholders	60%			

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Board & Management (fully diluted)	16%
Australian & Global Institutions	48%

Research from following groups:









A\$0.51

Current Share Price1

A\$184M

Market Capitalisation¹

A\$160M

Current Enterprise Value¹

Average Daily

Volume⁴

1.2M

A\$24M

Cash Position²

Currently trading on ASX as **AUTDA** until 8 December 2023 and will revert to AUT prior to commencing trading as **FFM** on or ground 14 December 2023

^{1.} As at 29 November 2023 and calculated on a post consolidation basis (15:1)

As at 24 October 2023

^{3.} Management performance rights and options unlisted

^{4.} From 4 September 2023 and based calculated based on a post consolidation basis (15:1)

Share Consolidation and Name Change



EVENT	DATE	COMPLETED
Shareholder Meeting to approve Consolidation and Name Change	Thursday, 23 November 2023	
Change of Company's name to "FireFly Metals Ltd" takes effect with ASIC	Monday, 27 November 2023	
New Branding, Marketing Documents and Website	Monday, 27 November 2023	
Effective date of Consolidation (15:1)	Monday, 27 November 2023	-
Last day for trading on a pre-Consolidation basis	Tuesday, 28 November 2023	/
Post-Consolidation trading starts on a deferred settlement basis	Wednesday, 29 November 2023	-
Record date and last day for Company to register transfers on a pre- Consolidation basis	Thursday, 30 November 2023	
First day for Company to update its register of Securities on a post- Consolidation basis and first day for issue of holding statements	Friday, 1 December 2023	
Last date for Company to update its register and send holding statements on a post-Consolidation basis and notify ASX that this has occurred	Thursday, 7 December 2023	
Normal trading of post-Consolidation Securities commences	Friday, 8 December 2023	
Change of Company's name to "FireFly Metals Ltd" and ASX ticker code to "FFM" takes effect on the ASX	Thursday, 14 December 2023	



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

ASX AUTDA



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





Group Chief Geologist

Over 17 years' experience in a diverse range of mining projects globally.

Juan spent over 6 years with Northern Star Resources as Geology Superintendent & was involved in discoveries at Jundee and Yandal totalling over 1Moz Gold.
Juan previously worked for Western Areas at Flying Fox developing the Spotted Quoll project from the discovery hole to open pit & underground production. Juan also worked at Energia Minerals &

Juan has extensive experience from exploration & resource development to production & resource estimation in commodities including gold, nickel and copper

Golder Associates.



Dracidant

Vice President Environment and Community

Tabatha LeBlanc

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.



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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 Mineralised System



Un-mined high-grade copper-gold ready to go, mineralisation is open

74.8m @ 9.0% Cu & 2.2g/t Au (R19-745-08)¹

20.7m @ 4.4% Cu & 2.1g/t Au (R19-745-04)²

34.9m @ 5.8% Cu (waiting Au results) (R22-795-14)²

18.4m @ 4.5% Cu (waiting Au results) (R22-795-02)²

28.0m @ 3.3% Cu (waiting Au results) (R22-795-13)²

19.2m @ 10.3% Cu (waiting Au results) (R22-795-06)²

22.6m @ 4.4% Cu (waiting Au results) (R22-795-08)²

18.0m @ 4.6% Cu (waiting Au results) (R22-707-11)²

13.5m @ 2.3% Cu & 4.9g/t Au (R17-660-30)²

49.1m @ 6.2% Cu & 1.8g/t Au (R21-785-17)1



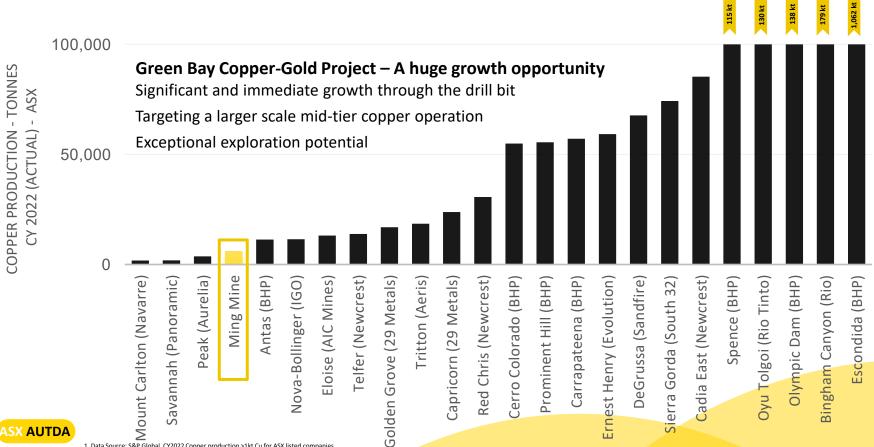
- Underground Jumbo drill drive has commenced
- Drilling has commenced
- Ramping up to multiple rigs over coming weeks



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.





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 equivalent1,2
- High-confidence with 68% in the M&I resource category1
- 370koz of gold and3.4Moz of Silver
- Simple metallurgical processing with recoveries of 96%

+A\$250M of Infrastructure

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

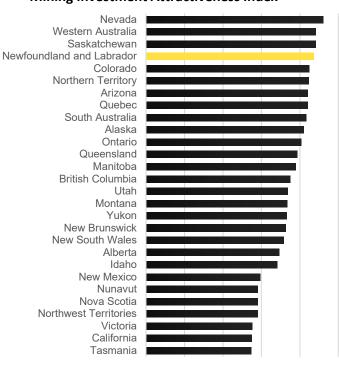


One of the Best Mining Jurisdictions Globally





FRASER INSTITUTE 2022 SURVEY Mining Investment Attractiveness Index¹



MAJOR MINING & EXPLORATIONS

- 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

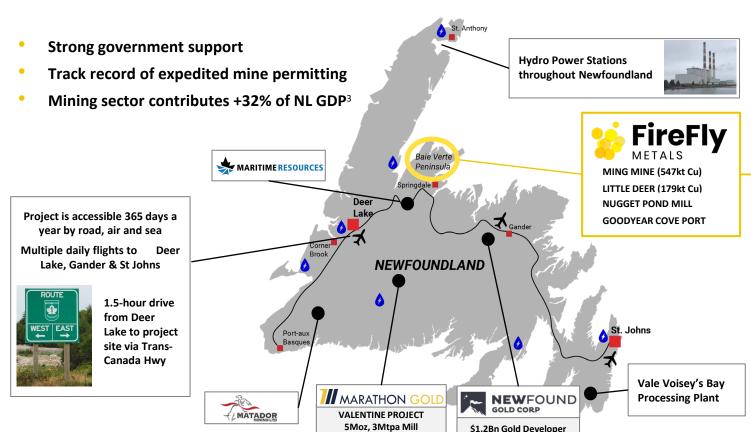
PROVINCE OF LABRADOR & NEWFOUNDLAND



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12

Newfoundland - A Mining and Maritime Provence





Ming & Little Dear Cu-Au Mine **Complex**

Nugget Pond Gold Deposit



39.2Mt @ 1.83%Cu & 0.5g/t Au for 811kt at 2.07% CuEq¹

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\$22.59/oz
- 3. Data Source: Statista Distribution of gross domestic product of Newfoundland and Labrador, Canada in 2021 by industry

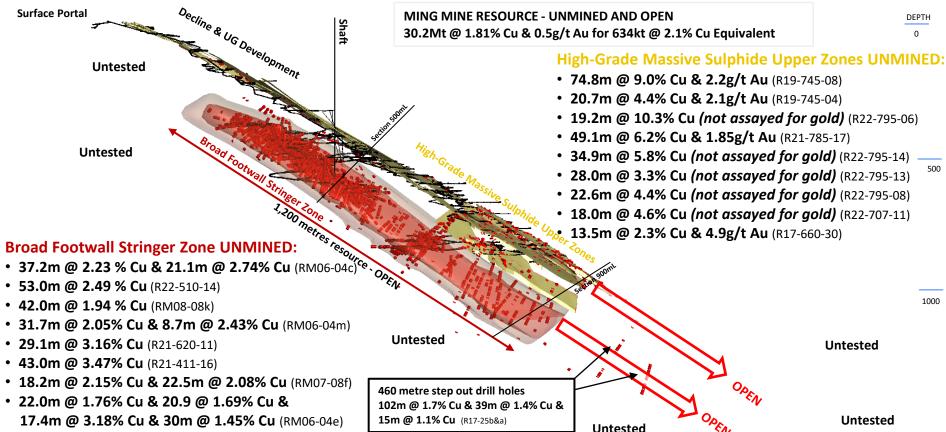
On Location – Green Bay





A Major VMS Copper-Gold Mineralised System





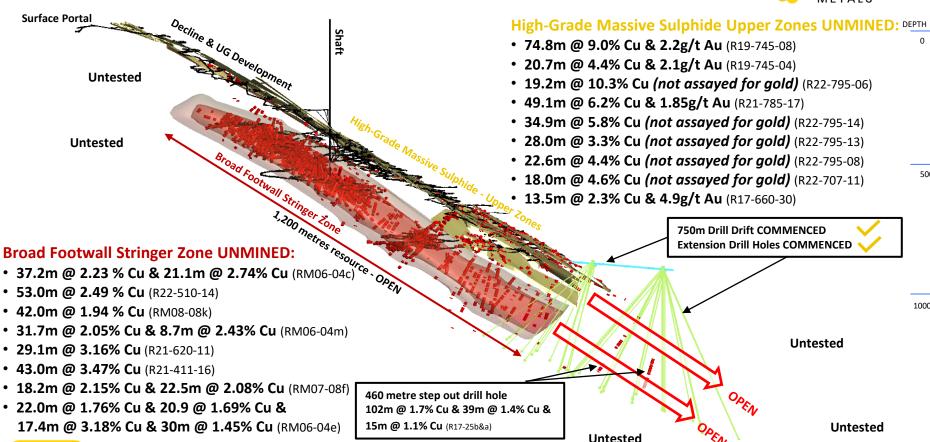
Long section looking west

15

Simple Low Cost Extension - Drilling Has Commenced!



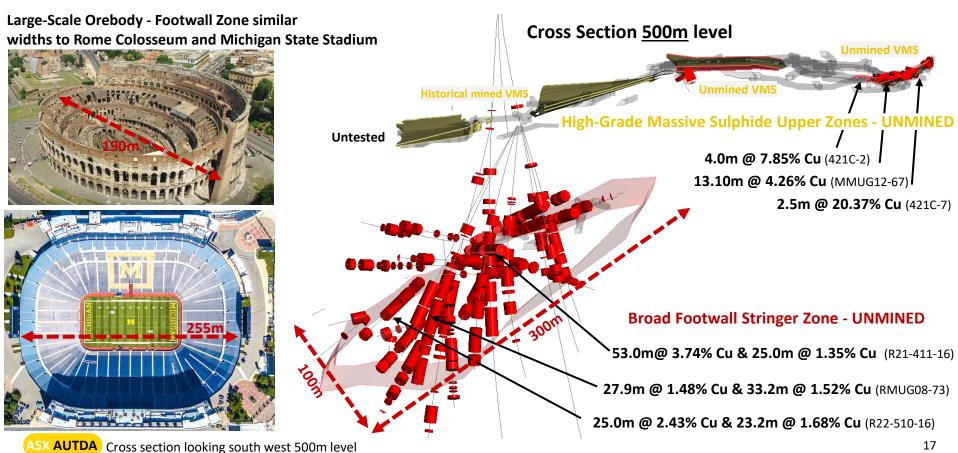
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ASX AUTDA Long section looking west

Consistent and Continuous Large Scale Ore Bodies

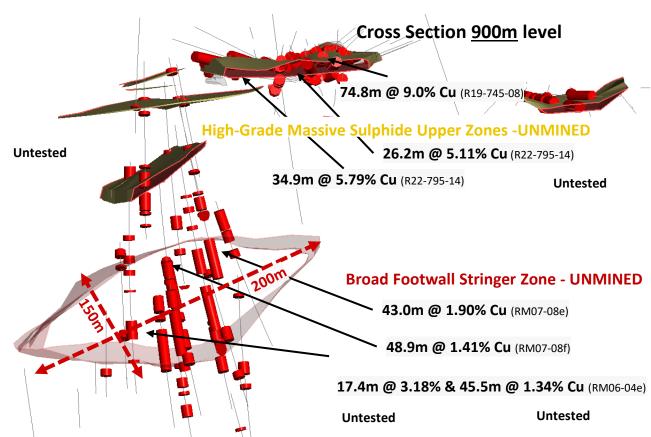




Consistent and Continuous Lage Scale Ore Bodies



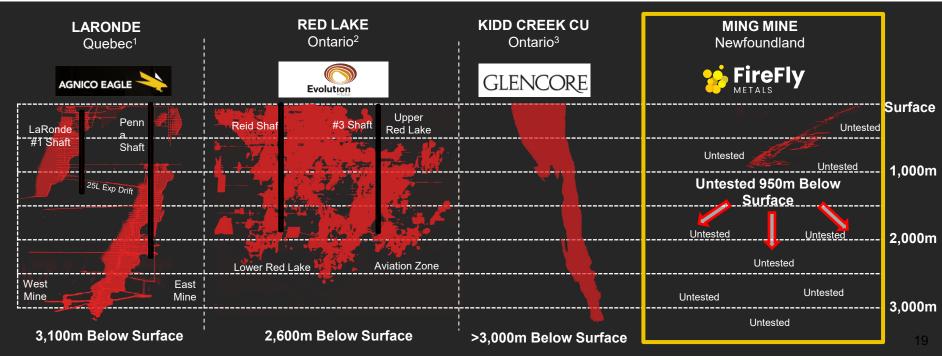
- Upper high-grade massive sulphide zones unmined & open
- Broad Lower footwall zone unmined & open
- Underground drilling high-grade lodes commenced
- Underground drill drive/drift (750m) t establish further drill pads and future mining commencing December
- Ramping up to three underground dr rigs over coming weeks
- Utilising Down Hole Electro-Magnetic (DHEM) geophysics to vector new mineralisation (similar to Bellevue Gol
- New discovery drilling large areas completely untested



Mining Depths in Canada – Significant Scope to Grow



- The Ming 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 Ready and Fully Operational

FireFlyMETALS

- Low-cost Care and Maintenance
- Ready to turn back on
- Operational pumping system, vent fans & heating
- Exceptional geotechnical ground conditions
- Decline accessible to 1,000m & Shaft to 650m
- Dewatered and fully permitted

Drilling has started – results expected soonJumbo UG mining 750m drill drive commenced

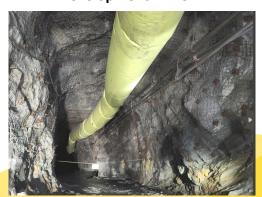




Massive Sulphide
High-Grade Copper-Gold



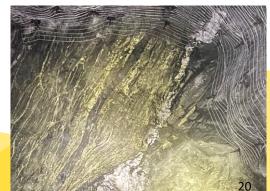
Development Drive



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 ¹	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	(=	\Rightarrow							
UG Drilling - Parallel zones		\Leftarrow							
UG Exploration Drill Drive (Phase 1 - 750m)		\leftarrow							
UG Resource Drilling VMS and LFWZ Extensions		(\Rightarrow					
Resource & Upscale Studies				0					
PHASE 2 PROGRAM									
UG Exploration Drill Drive (Phase 2 - 750m)									
UG Resource Drilling – VMS and LFWZ Extensions									
Resource & Upscale Studies						0			
UG Res Def Drilling M&I Infill – VMS & LFWZ Extensions							_		
Resource & Upscale Studies									0

Year 1 Immediate Growth

Growing the VMS & Lower Footwall Zone

- UG drill platforms ready to go
- ~40,000m of resource and exploration drilling
- 750m UG exploration drill drive
- 3x underground drill rigs
- 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 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^{1,2}
- Immediate and rapid resource growth
- 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. Permitting in Newfoundland & Labrador
- Appendix 3. Exploration Targeting
- Appendix 4. Little Deer Cu-Au Complex
- Appendix 5. Processing Infrastructure
- Appendix 6. Learning from the past an opportunity
- Appendix 7. Macro Copper landscape
- Appendix 8. ESG The Cornerstone of FireFly's Business
- Appendix 9. FireFly resources
- Appendix 10. Copper production data





Appendix 1 – Pickle Crow Gold Deposit – The Perfect Addition



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



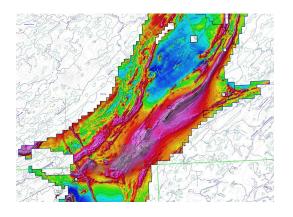
LOCATION

- 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

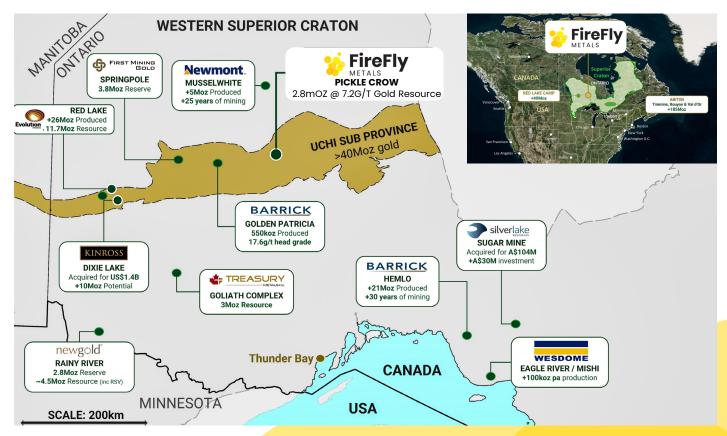
- 2.8Moz @ 7.2g/t inferred gold resource
- Rapid resource growth
- Open in all directions
- Exceptional discovery potential in a consolidated mineral district



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



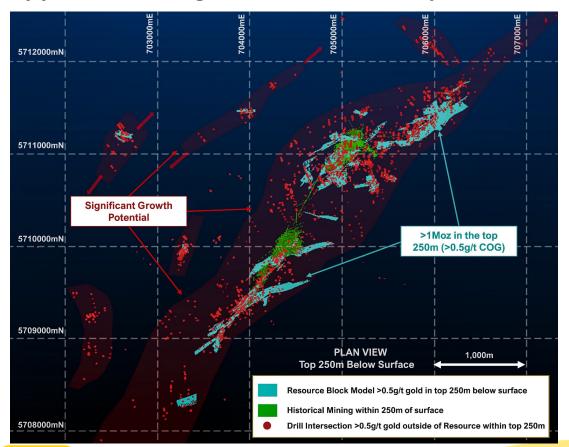
Pickle Crow Gold Deposit is surrounded by World-Class Gold Mines





Appendix 1 – Significant Shallow Open Pit Potential





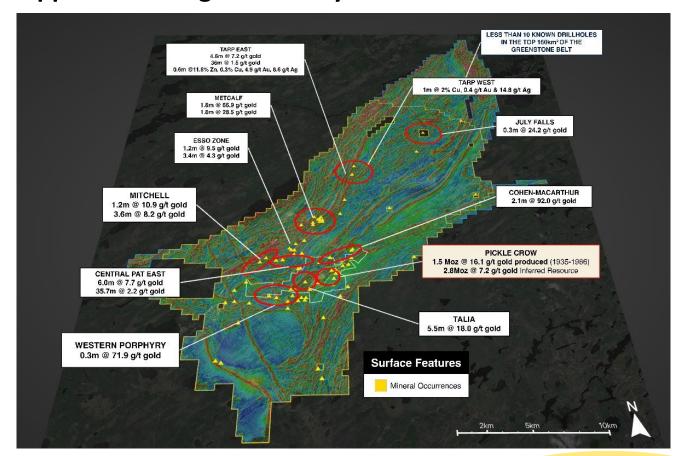
Significant Potential to Grow the 2.8Moz @ 7.2g/t Resource

- 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 – Permitting in Newfoundland & Labrador



Case Study – Valentine Gold Project

Marathon Gold, Newfoundland

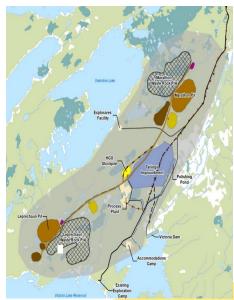
- Developing the Marathon-Leprechaun Mine Complex
- A Large open pit and 3Mtpa Mill
- Greenfields site no previous mining
- EA process completed in only 2.5 years
- Newfoundland government approved the project 5 months before the federal government
- The operation will go from PFS to production in only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













Appendix 2 – Permitting in Newfoundland & Labrador

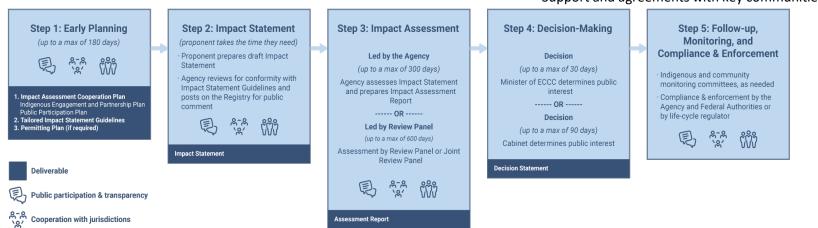


Strong government support and leveraging existing permits to fast-track any future expansion

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

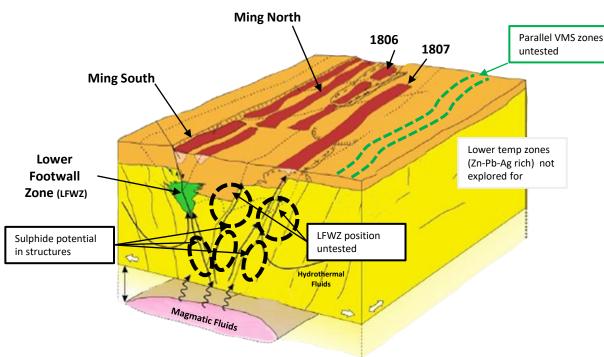


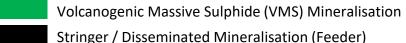


Engagement with Indigenous peoples

Appendix 3 – Exploration Targeting

MING DEPOSIT MODEL HIGHLIGHTS EXCEPTIONAL EXPLORATION UPSIDE¹









EXPLORATION OPPORTUNITY

- Limited exploration has been conducted in the past 40 years – a key opportunity
- Downhole geophysics is a powerful exploration tool for this type of 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

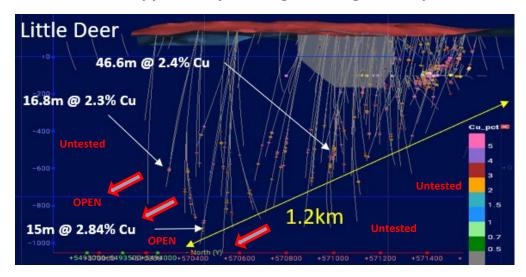
KEY TARGETS

- 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 4 – Nearby Little Deer Cu-Au Complex

FireFly METALS

An unrealised opportunity with significant growth upside

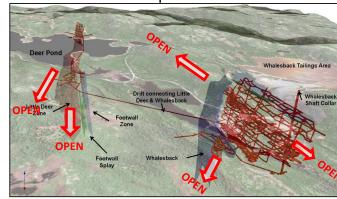


CURRENT RESOURCE

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



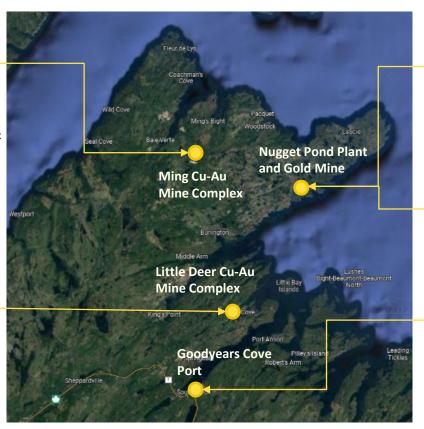
Ming Mine

- Current Resource¹ 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 5 – Processing Infrastructure

Fully permitted 500ktpa processing plant and port facility



HYDROMET PLANT CONCENTRATOR PLANT

Metallurgically Simple Standard Processing Method with 96% Historic Copper Recovery

Tailings Dam & Polishing



Crushing



- 2 stage Jaw and Cone Crusher (140tph)
- Crushed to 34" 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

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 6 – Learning From The Past- An Opportunity



GROWING THE RESOURCE AND OPERATING AT THE RIGHT SCALE

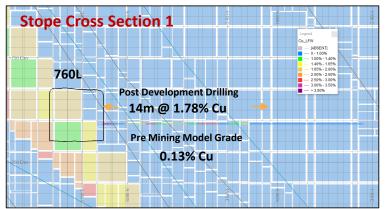
- Two key areas have prevented the past success of the Ming operation Orebody definition and a high-cost structure driven by inappropriately sized infrastructure relative to the orebody tonnes and grade
- All these issues can be resolved with appropriate capital investment to unlock the massive potential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

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

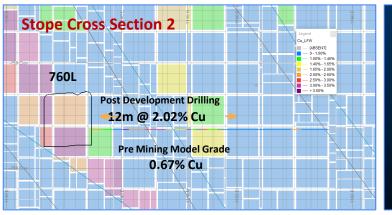
Appendix 6 – Learning From The Past – An Opportunity

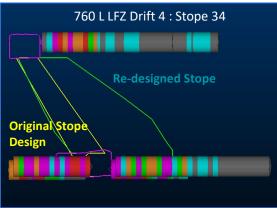


EXAMPLE OF POOR PRE-MINING DEFINITION DRILLING



- 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



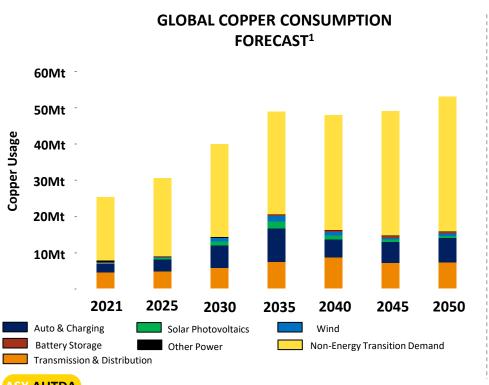


Stope 34	Tonnes	Grade	Tonnes Cu
Original	9,145	2.44%	233
GC Drilled	18,318	2.02%	370
Difference	+101%	-17.3	+58%

Appendix 7 – Macro Copper Landscape



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

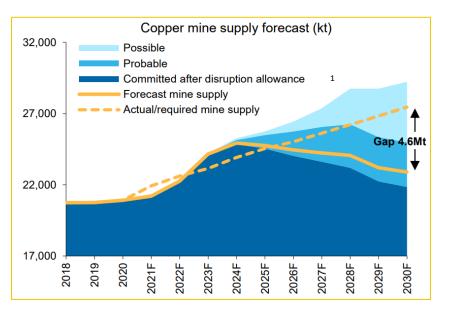


COPPER USE IN ENERGY DECARBONISATION TECHNOLOGY¹ Hydrogen **SOLAR ENERGY** H2 **GEO** NUCLEAR **THERMAL** WIND BATTERY WIND **OFFSHORE STORAGE ONSHORE** CONC. LOW **SOLAR HYDRO Copper Intensity POWER POWER** Technology **MEDIUM** HIGH **ELECTRIC POWER Copper Intensity** VEHICLES Copper Intensity **NETWORK** Technology Technology

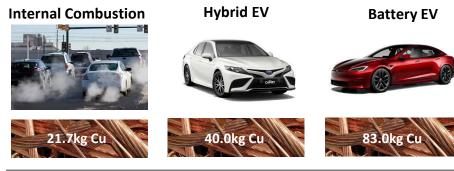
Appendix 7 – Macro Copper Landscape

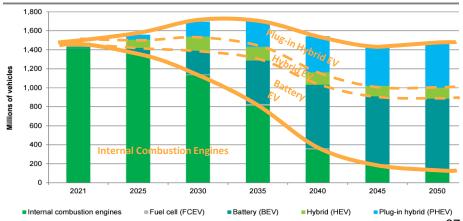


- There are not enough copper mines in the world to meet forecast demand driven by decarbonization
- Copper grades are dropping, mines are becoming deeper and permitting more difficult in some jurisdictions.



THE ELECTRIC VEHICLE REALITY A battery EV uses nearly 4 times more copper than an ICE²





Appendix 8 – 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



Community



Sustainability

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

Inclusion

 Carbon-neutral hydro power being investigated for future mine development

Energy reduction initiatives





Safety



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



Appendix 9 – FireFly Resources



Mineral Resources – Green Bay Copper – Gold Project¹

DAINIC DAINE	Measured			Indicated			Inferred			TOTAL RESOURCE		
MING MINE	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 DEER Measured			Indicated			Inferred			TOTAL RESOURCE			
LITTLE DEEK	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

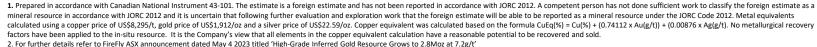
Total Resource: 39.2Mt @ 1.83% Cu, 0.29g/t Au & 2.7g/t Ag

Contained Metal: 719kt Cu, 370koz Au, 3.4Moz Ag

68% of the Copper is in M&I

Mineral Resources – Pickle Crow Gold Project²

DICKLE CDOM	Measured			Measured Indic			Indicated			Inferred		TOTA	L RESOU	RCE
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		





Appendix 10 – 2022 Copper Production Data

FireFlyMETALS

S&P GLOBAL - 2022 Asset Copper Production Source Data

PROPERTY.	OURDENT OWNER	2022 Cu	COURSE DATA
PROPERTY	CURRENT OWNER	PRODUCTIO N (Tonnes)	SOURCE DATA
Mount Carlton	Navarre Minerals Ltd.	1,838	https://www.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com.com/008h.com/008h.com.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/008h.com/00
Mount Carlton	Aurelia Metals Ltd.		https://minedocs.com/23/Navarre-PR-06302022.pdf
Peak		NA 4.000	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/asx/pan/panoramic-resources/news/quarterly-activities-report-2866691.html
Antas	BHP Group Ltd.	11,378	https://www.listcorp.com/asx/ozl/oz-minerals/news/oz-minerals-2022-fourth-quarter-report-2828482.html
Nova-Bollinger	IGO Ltd.	11,483	https://www.igo.com.au/site/pdf/9a655d64-21c1-4bcb-8d55-b03d82a29377/June-2022-Quarterly-Activities-Report.pdf
Eloise	AIC Mines Ltd.	13,151	https://www.listcorp.com/asx/a1m/aic-mines-limited/news/quarterly-activities-report-2736854.html
Telfer	Newcrest Mining Ltd.	13,904	https://www.newcrest.com/sites/default/files/2022-07/220721 Newcrest%20Jun%202022%20Quarterly%20Report.pdf
Golden Grove	29Metals Ltd.	16,938	https://global-uploads.webflow.com/640b21824379a3d73f0eecde/643e1dda8e60d8aa1f05d70f_20230124-29M-Dec-Qtr-2022%20Report_vF.pdf
Tritton	Aeris Resources Ltd.	18,581	https://clients3.weblink.com.au/pdf/AIS/02541591.pdf
Capricorn Copper	29Metals Ltd.	23,824	https://global-uploads.webflow.com/640b21824379a3d73f0eecde/643e1dda8e60d8aa1f05d70f_20230124-29M-Dec-Qtr-2022%20Report_vF.pdf
Red Chris	Newcrest Mining Ltd.	30,665	https://imperialmetals.com/assets/docs/2023-01-24-iii-nr.pdf
Cerro Colorado	BHP Group Ltd.	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-Full/Year-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 Pollev	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-releases-details/2023/Sierra-Metals-Reports-Q4-and-Full-Year-2022-Production-Results-Reflecting-Improved-Performance-at-Its-Bolivar-
Bollval	Olona Metalo Inc.	0,700	https://www.selianteals.com/inteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selianteals/selian
El Roble	Atico Mining Corp.	6,817	https://ditcomining.com/investors/news/index.php?content_id=230
Las Cruces	First Quantum Minerals Ltd.	9,557	https://s24.g4cdn.com/821689673/files/doc_financials/2022/g4/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/filles/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-FQW-Management's-Discussion-Analysis-FluAL.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/2023-01ecanalogol-reports-Foliaria-Results
Hudson Bay 777	Hudbay Minerals Inc.	14,778	https://https//muchaeses.uceariagou.com/zocs-zo-ze-ar-oceariagou-repoits-ruin-rear-zouze-rinanciar-russius https://hudbayminerals.com/investors/press-releases/press-releases-details/2023/Hudbay-Announces-Fourth-Quarter-and-Full-Year-2022-Results-and-Provides-Annual-Guidance/default.aspx
Eagle	Lundin Mining Corp.	15,895	
Aranzazu	Aura Minerals Inc.	16,179	https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/ https://auraminerals.com/wp-content/uploads/2023/02/2023.02.27-Press-Release-Aura-announces-Q4-2022-results.pdf
Alalizazu	Aura iviirierais IIIC.	10,179	nttps://auranninerais.com/wp-content/upioaus/zozo/oz/zozo.oz.zr-mess-release-Aura-announces-Q4-20zz-fesuits.pdf



APPENDIX 10 – 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-guidance-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-guidance-and-provides-2023-guidance-151737283
Neves-Corvo	Lundin Mining Corp.	31,906	https://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/
Mount Milligan	Centerra Gold Inc.	33,504	https://wp-centerra-2023.s3.ca-central-1.amazonaws.com/media/2023/02/03160804/8tlfcftTaBgmWhtn0D4N.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-guidance
Mantos Blancos	Capstone Copper Corp.	41,231	https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-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://lundinmining.com/news/lundin-mining-announces-2022-production-results-123101/
Caraíba	Ero Copper Corp.	46,371	https://erocopper.com/news/ero-copper-achieves-record-full-year-copper-and-gold-production-and-provides-2023-guidance/
Pinto Valley	Capstone Copper Corp.	56,844	https://capstonecopper.com/news/capstone-copper-reports-fourth-quarter-and-full-year-2022-financial-results/
Jabal Sayid	Barrick Gold Corp.	68,492	https://www.barrick.com/English/news/news-details/2023/barrick-reports-stronger-q4-gold-production/default.aspx
Zaldivar	Barrick Gold Corp.	88,904	https://www.barrick.com/English/news/news-details/2023/barrick-reports-stronger-q4-gold-production/default.aspx
Constancia	Hudbay Minerals Inc.	89,395	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
Highland Valley	Teck Resources Ltd.	119,100	https://www.teck.com/news/news-releases/2023/teck-announces-2022-production-and-2023-guidance
Lumwana	Barrick Gold Corp.	121,109	https://www.barrick.com/English/news/news-details/2023/barrick-reports-stronger-q4-gold-production/default.aspx
Caserones	Lundin Mining Corp.	124,200	https://lundinmining.com/news/lundin-mining-announces-closing-of-the-acquisition-123123/
Kansanshi	First Quantum Minerals Ltd.	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

