





High-Grade Copper and Gold

Significant and immediate growth through the drill bit

- Substantial copper deposit in a tier-one location
- Immense scope for Resource growth (24.4Mt for 460kt M&I plus 34.6Mt for 690kt inferred)
- Fully-funded for aggressive exploration program with 6 Rigs and A\$84.1M cash and investments at December 31 2024
- Copper widely tipped as one of the best ways to play current market downturn due to tight supply-demand outlook
- This combination puts FireFly in the investment sweet spot with a Goldilocks riskreturn profile

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

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

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

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

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

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

This presentation also contains references to certain Exploration Results that were first reported in accordance with ASX Listing Rule 5.7 in the Company's announcements of 28/01/2020, 26/03/2020, 01/09/2020, 11/11/2020, 19/01/2021, 7/04/2021, 15/07/2021, 15/07/2021, 2/10/2021, 15/07/2021, 2/10/2021, 18/11/2022, 3/5/2022, 23/6/2022, 22/11/2022, 24/11/2023, 31/8/2023, 11/12/2023, 16/11/2024, 4/3/2024, 21/3/2024, 29/10/2024, 19/06/2024, 22/08/2024, 3/09/2024, 16/09/2024, 3/10/2024, 29/10/2024, 12/02/2025 and 25/03/2025.

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

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



JORC CODE AND NI 43-101

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

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

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

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

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

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FINANCIAL DATA

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

Investment Highlights



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







GREEN BAY COPPER GOLD

- High grade copper and gold in Newfoundland Labrador, Canada
- Large scale, high grade and open
 1.2Mt contained metal at 2%
 copper equivalent¹ (M&I of 24.4Mt for
 460kt contained metal at 1.9% and Inf of 34.6Mt
 for 690kt contained metal at 2% copper
 equivalent)¹
- A\$250M of mine infrastructure
- Significant and immediate growth drilling 130,000m in 2025

PICKLE CROW GOLD

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

PROVEN TRACK RECORD

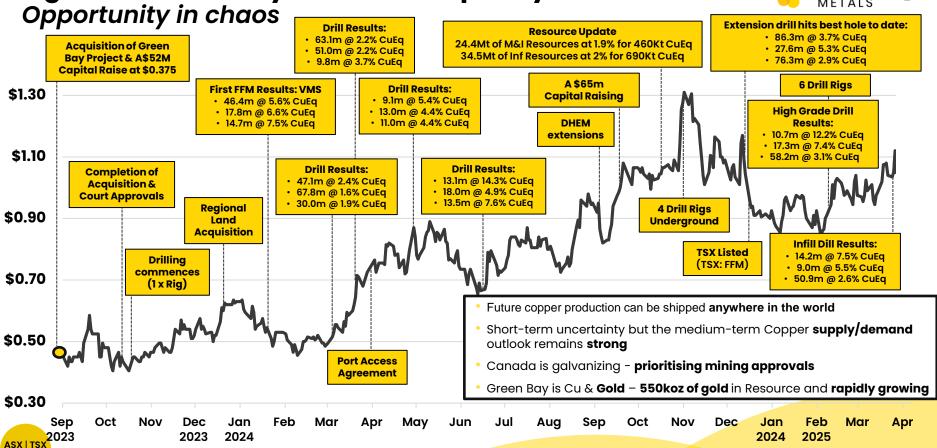
- Management team with a proven track record of creating significant value for shareholders and stakeholders
- Recent success with ASX200
 Bellevue Gold from discovery to production in only 5 years
- Well-funded with ~A\$84.1M cash, receivables and liquid investments²



- Prepared in accordance with JORC Code 2012 & NI 43-101. Metal equivalents for the Resource Estimate has been calculated at a copper price of U\$\$8,750/t, gold price of U\$\$2,500/oz and silver price of U\$\$25/oz. Metallurgical recoveries have been set at 95% for copper and 85% for both gold and silver. CuEq(%) = Cu(%) + (Au(g/t) x 0.82190) + (Ag(g/t) x 0.00822). In the opinion of the Company, all elements included in the metal equivalent calculation have a reasonable potential to be sold and recovered based on current market conditions, metallurgical test work, and the Company's operational experience.
- 2. Approx cash, receivables and liquid investments as at the end of December 2024.

Significant Delivery to date with plenty more to come





FFM

Why Green Bay is well positioned for the future The Ingredients are already in place for a substantial Copper Mine





Mineral Deposit

A WORLD-CLASS VMS SYSTEM UNDERPINS THE MINE

Large scale (24.4Mt M&I + 34.6Mt Inf) and High-Grade (2% CuEq) Copper-Gold Deposit, rapidly growing through drilling & exploration

EXISTING INFRASTRUCTURE SUPPORTS A LARGE OPERATION

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

AN ESTABLISHED UNDERGROUND MINE

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

PROVEN SIMPLE METALLURGY & HIGH RECOVERIES

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

HIGH QUALITY CONCENTRATE & NEARBY EXPORT PORT

Highly sought after concentrate with no deleterious elements. Histo consistently ranged between 27% and 29% copper, with 8 to 12g/t ge metallurgical test work is in progress. The company has secured ac port capable of servicing 50,000t Panamax ships just 6km from the



Underground Access

Surface Infrastructure









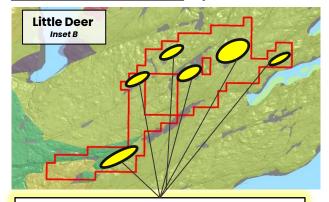
Exploration Upside

A District Scale VMS Camp



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

Drilling in Progress - First Results **Expected this** quarter



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

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

MING MINE & INFRASTRUCTURE (mined 1975-current) Current Resource of 400kt M&I plus 580kt Inf CuEq metal. Mineralisation remains Open · Recent drill results include: 86.3m @ 3.7% Copper Eq.

- 26.0m @ 8.2% Copper Eq.
- 46.4m @ 5.6% Copper Eq.

Ming & Rambler

VMS District

Inset A

5 km

LUCKY STRIKE and GULL POND TARGETS

Rock Chips of 19.7% copper & 15.8% copper

No modern exploration, No geophysics

RAMBLER EAST COPPER MINE (mined 1967-74)

Only mined to ~300m below surface

RAMBLER MAIN MINE (mined 1964-67)

· Mineralisation remains Open

Drill results include:

Only mined to ~200m below surface

Limited exploration, No geophysics

25m @ 4.7g/t gold & 0.24% copper

6.9m @ 14.2g/t gold & 0.27% copper

· 4.7m @ 12.9g/t gold & 0.50% copper

• 10.1m @ 7.6g/t gold & 0.60% copper

- · Mineralisation remains Open
- Limited exploration, No geophysics
- Drill results include:
 - 13m @ 1.50% copper
 - · 21m @ 1.20% copper

L5 COPPER GOLD TARGET

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

RAMBLER BIG POND MINE (mined 1970-71)

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

GOLD-IN-TILL TARGET

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

LEVER TAUCH TARGETS

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

TWIN POND TARGET

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

Exceptional Share Register and Strong Balance Sheet



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

CAPITAL STRUCTURE	CURRENT		
Shares on issue	564.7M ¹	A\$0.735	~A\$415M
Management performance rights	36.1M ²	Current Share Price ¹	Market Capitalisation ¹
SHAREHOLDER SUMMARY ³			·
Board & Management (fully diluted)	10%	2.3M	~A\$84.1M
Australian & Global Institutions BlackRock Group	61% 13%	Average Daily Volume ⁴	Cash Position ⁵

GLOBAL BANKING & RESEARCH























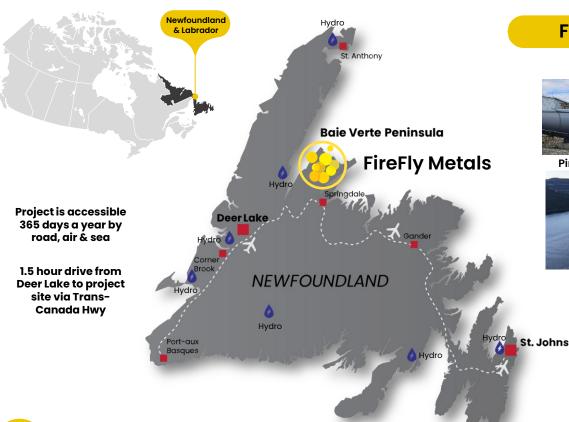






Newfoundland – A Maritime and Mining Province





FireFly Metals Green Bay Operations

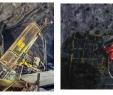
Ming Copper Mine



Pine Cove Deepwater Port



Fully Operational Mine





True Tier 1 Mining Jurisdiction

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



FireFly's Latest Ming Mine Drill Hits



Reflecting on a spectacular first year of world-class drill results

High Grade Upper Copper & Gold VMS Zones

- 10.7m @ 12.2% CuEq (9.0% Cu & 3.6g/t Au) MUG24_095
- 5.4m @ 12.2% CuEq (8.6% Cu & 4.0g/t Au) MUG24_023
- 3.2m @ 11.8% CuEq (2.9% Cu & 10.4g/t Au) MUG23_037
- **26.0m** @ **8.2%** CuEq (6.1% Cu & 2.4g/t Au) MUG23_030
- **13.5m @ 7.6% CuEq** (5.3% Cu & 2.6g/t Au) мис23_029
- 14.7m @ 7.5% CuEq (2.6% Cu & 5.5g/t Au) MUG23_004
- 14.2m @ 7.5% CuEq (5.7% Cu & 2.0g/t Au) MUG24_125
- 17.3m @ 7.4% CuEq (7.0% Cu & 0.4g/t Au) мис24_089
- **7.0m @ 7.4% CuEq** (4.4% Cu & 2.7g/t Au) мис24_038
- 17.8m @ 6.6% CuEq (4.4% Cu & 2.2g/t Au) мисез _003
- **46.4m @ 5.6% CuEq** (4.6% Cu & 1.2g/t Au) мис23_006
- 22.2m @ 5.1% CuEq (2.1% Cu & 4.1g/t Au) мисега_058

Broad Footwall Copper Stringer Zone

- 86.3m @ 3.7% CuEq (3.1% Cu & 0.6g/t Au)MUG24_079
- 31.7m @ 3.5% CuEq (3.4% Cu & 0.1g/t Au)_{MUG24_063}
- 58.2m @ 3.1% CuEq (2.4% Cu & 0.7g/t Au)MUG24_083
- 76.3m @ 2.9% CuEq (2.4% Cu & 0.5g/t Au)MUG24_073
- 37.4m @ 2.7% CuEq (2.6% Cu & 0.1g/t Au) MUG24_016
- **56.8m @ 2.7% CuEq** (2.5% Cu & 0.1g/t Au) MUG24_058
- 50.9m @ 2.6% CuEq (2.5% Cu & 0.1g/t Au) MUG24_091
- 47.1m @ 2.4% CuEq (2.3% Cu & 0.2g/t Au) MUG23_014
- **63.1m @ 2.2% CuEq** (2.0% Cu & 0.1g/t Au) мис24_004
- 51.0m @ 2.2% CuEq (2.1% Cu & 0.1g/t Au) MUG24_009
- 43.2m @ 2.2% CuEq (2.1% Cu & 0.1g/t Au) мисс24_041

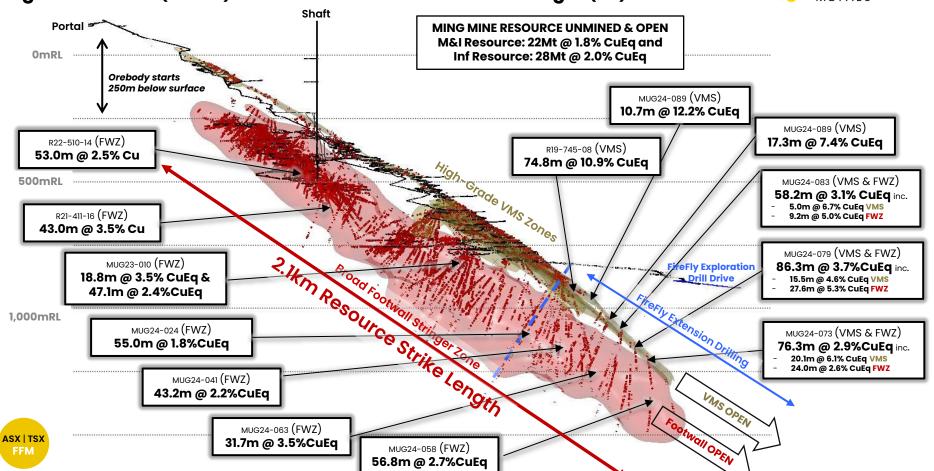
NOTE: Intersections highlighted in red are recent drill releases



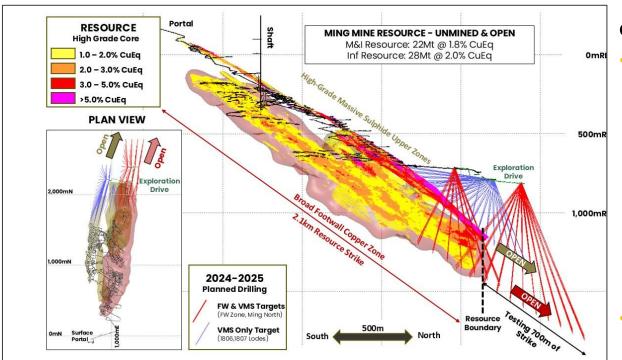
A Large Scale Copper Gold VMS System

High Grade VMS (Cu+Au) Zones And A Broad Footwall Stringer (Cu) Zone





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



Continued rapid growth in 2025:

FireFly

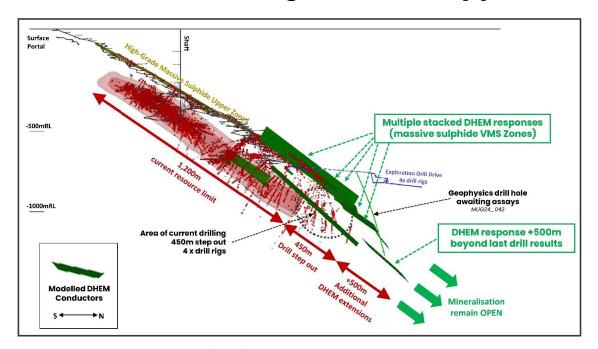
- Phase 2 drilling underway with 5 (moving to 6) x underground drill rigs:
 - Step-out of high-grade VMS zones (<u>currently 6Mt @ 4.3% CuEq and</u> remains OPEN)
 - ✓ Step-out of large scale FWZ zone
 - ✓ Infill drilling (high value add M&I)
 - Geophysical discovery drilling targeting new and parallel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



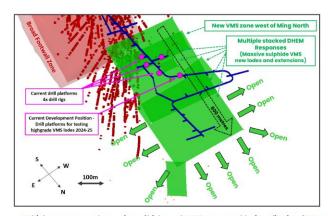
Planned 2024–2025 Resource extensions drilling at the Ming mine. This is expected to add additional high-grade VMS as well as broad footwall stringer extensions to the Resource. Note that new discovery drilling and infill drilling is not shown on this image, only extension drilling.

Downhole Geophysics Points to Further High-Grade Copper Zones





Strong DHEM (Down Hole Electro-Magnetic) results indicate new zones of mineralisation well beyond current drilling;



Multiple new zones and extensions of high-grade VMS copper-gold mineralisation; 3D Isometric view of DHEM conductors (green). DHEM conductors indicate high-grade VMS massive sulphide extensions down

High tenor DHEM conductors (green) demonstrate copper mineralisation likely extends significantly down plunge of the current resource as well as importantly showing new potential high-grade VMS lodes.



Significant Value Drivers Throughout 2025 "5 in 2025"





Continue **increasing the copper-gold Mineral Resource** by extending the known mineralisation in both the **upper high-grade VMS** as well as the **broad footwall copper rich zone**

2 Upgrades

Converting Inferred Resources to **Measured & Indicated**; M&I tonnes are worth **more** than Inferred, representing a huge opportunity to create value

3 New Discoveries

Drilling will test **compelling new targets**, including **potential in-mine repetitions**, **mine extensions**, **adjacent historic mines and greenfields opportunities**; These all have scope to create substantial, **rapid value**

4 Global Scale

Potential for a market re-rate as upcoming mining studies are expected to make it increasingly clear that Green Bay is a large, long-life project with a substantial production profile and robust economics

5 Tier 1 Jurisdiction

Highly favourable location, which delivers security of tenure, extensive infrastructure, access hydro power, critical minerals funding initiatives and deep pools of investment capital



Rapid Resource and Mine Growth Over Next 12 Months



Well-funded for significant velocity of news flow through 2025

Milestone ¹	Q4 23	Q1 24	Q2 24	Q3 24	Q4 24	Q1 25	Q2 25	Q3 25	Q4 25		
2024 – 2025 PROGRAM											
Green Bay Project Acquisition 15 Oct 2023	~										
UG Drill Drive Phase 1 750m (completed)		⟨ ✓	V								
UG Drill Drive Phase 2 ~750m (commenced)				⟨ Z	/	/		\Rightarrow			
UG Resource Drilling x4 rigs		⟨ Z	V	V	V	V			\Rightarrow		
Resource Updates			•				<		\Rightarrow		
Geophysical targeting			⟨ Z	V	V	V			\Rightarrow		
Discovery near mine drilling New and geophysical targets			⟨ Z	V	V	V			\Rightarrow		
Regional targeting Geophysics, mapping, drilling			⟨ Z	V	V	V					
Upscaled Production & Engineering Studies							<		\Rightarrow		

2025 Key Deliverables

- Underground development drill drive phase 1750m completed, phase 2 extension underway for a further ~750m (~1,500m total)
- 5 x underground drill rigs (moving to 6) targeting resource growth ~130,000m (~67,000m completed)
- Geophysical underway and ongoing to identify new 'walk-up' near mine drill targets
- Regional targeting commenced utilising geophysics, mapping and surface drilling (1 rig drilling)
- Upscaled mine production & engineering studies underway

A Game Changing Catalyst Rich High-Grade Opportunity



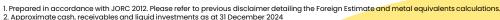
Board & Management Team with a Proven Track Record of Creating Shareholder Wealth Strong Cash Position of A\$84.1 Million² for Growth Throughout 2025

GREEN BAY COPPER & GOLD PROJECT

- A fully operational underground mine in tier one mining jurisdiction
- Large high-grade resource that is growing (42% Increase in 2024)
- 24.4Mt @ 1.9% for 460kt CuEq M&I and a further 34.6Mt @ 2% for 690kt CuEq in the Inferred category available for conversion to M&I
- Drilling for growth & further discovery (130,000m drilling 2024-25)
- Significant Mine upscaling for a mid-tier copper operation
- A\$250M of Infrastructure a huge head start (UG mines, shaft, declines, processing plant, deep water port, camp and hydro power)







Supplementary Information

- Appendix 1. Green Bay Mineral Resources
- Appendix 2. Green Bay Project Further Information
 - Board & Management
 - A lack of ASX copper opportunities
 - UG Mine Ready and Fully Operational
 - Existing Infrastructure = Lower Capex and Rapid Start-up
 - Recent Drilling
 - Geological Deposit Model
 - Ground Conditions and Mining Depth





Appendix 1 – Green Bay Mineral Resources¹



Ming Deposit Mineral Resource Estimate

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

Little Deer Deposit Mineral Resource Estimate

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

GREEN BAY TOTAL MINERAL RESOURCE ESTIMATE

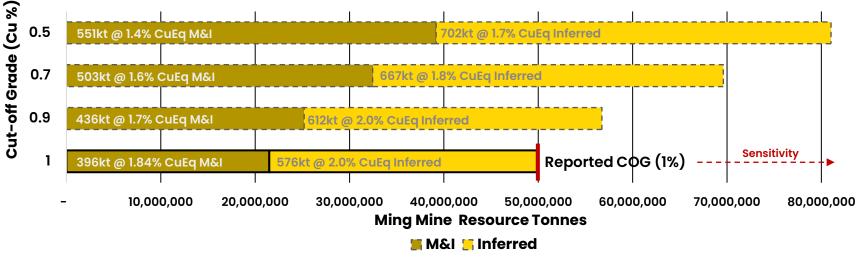
	TONNES	COPPER		GOLD		SILVER		CuEq
	(Mt)	Grade	Metal	Grade	Metal	Grade	Metal	Grade
		(%)	('000 t)	(g/t)	('000 oz)	(g/t)	('000 oz)	(%)
Measured	4.7	1.7	80	0.3	45	2.3	340	1.9
Indicated	19.7	1.7	330	0.2	154	2.6	1,600	1.9
TOTAL M&I	24.4	1.7	400	0.3	199	2.5	2,000	1.9
Inferred	34.6	1.7	600	0.3	348	3.1	3,400	2.0



Ming Mine Mineral Resource Sensitivity



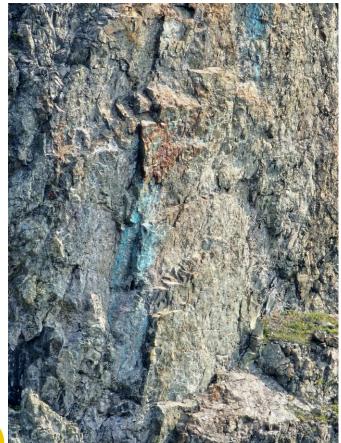






Appendix 2 – Green Bay Project Further Information





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

FFM



Twin boom jumbo at the Ming Mine

Board and Management

A Leadership team with proven success in the Resources Sector





Kevin Tomlinson

Independent Non-Executive Chair

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

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

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





Steve Parsons

Managing Director

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

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



Michael Naylor

Executive Director

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

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

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



Jessie Liu-Ernsting

Independent Non-Executive Director

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

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

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



Renée Roberts

Independent Non-Executive Director

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

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

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



Darren Cooke

Chief Executive Officer

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

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

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

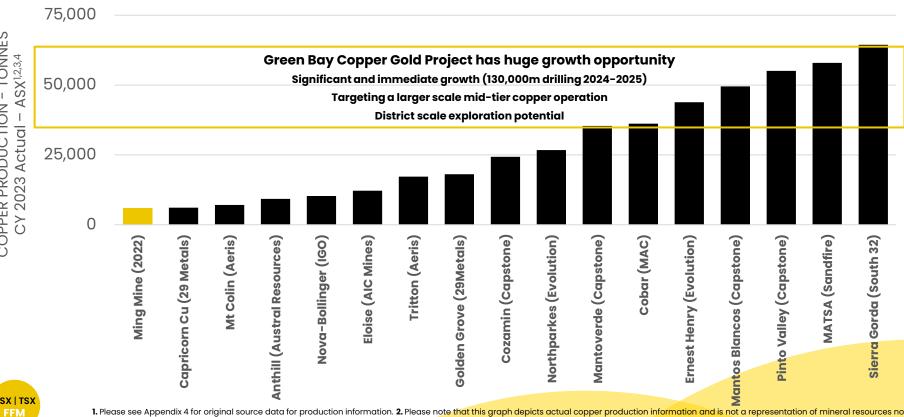
A Lack of Copper Opportunities on the ASX

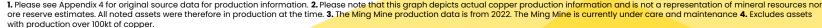
TONNES

COPPER PRODUCTION



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



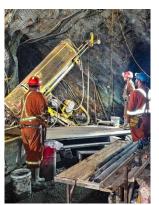


Underground Mine is Ready and Fully Operational



- Underground drilling ~30,000m completed
- Two drill rigs operating (simple resource growth)
- Third & fourth drill rigs mobilising (targeting new discoveries and geophysics)
- Underground drill drive already 680m completed
- Exceptional geotechnical ground conditions
- Decline accessible to 950m & Shaft to 630m
- Dewatered and mine operations permitted





Massive Sulphide High-Grade Copper-Gold



Development Drive



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



High-Grade Development Face





Existing Infrastructure = Lower Capex and Rapid Start-up



Conditions Exploration Drive (~975m below surface)

Excellent Geotechnical

Excellent ground, no stress ndicators, good profile,

1000m

Excellent Geotechnical Conditions 6m x 3m shaft to 630m below surface Upper FW Stope (unfired) in place (~750m below surface) **Existing decline** beneath the shaft is already 5m x 5m Open for >1 year, excellent

Phase 1

Drill Drive

Haulage & Mining Options

Haulage & Mining Method studies in progress (Entech)

Decline & UG Development

FWZ can support bulk mining

Majority of decline 5m x 5m (Australian mining size)

Mining would start ~250m from surface (shallow)

Footwall Zone

accessed but barely mined

Ground Conditions

Surface

Resource starts just

250m below surface

Portal

Excellent – can mine far deeper in Canada than WA

Cost Advantages

In house 5.5m x 5.5m development costing A\$6,000/m (WA +A\$ 10,000m)

Hydro power available for less that 6c per kwh (WA >20c/kwh)

Long section looking west

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

ground, no water issues

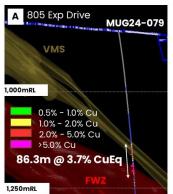
2025 Drilling

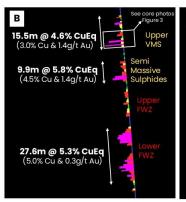
Phase 2 Drill Drive

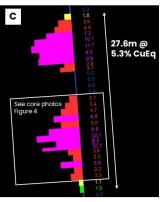
(Extension)

Latest and deepest drill holes 86.3m @ 3.7% CuEq and 58.2m @ 3.1% CuEq (True Widths)



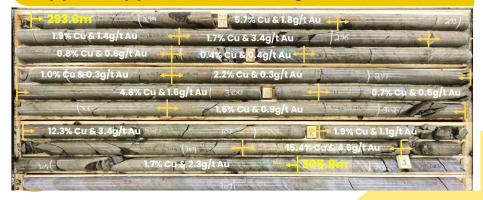




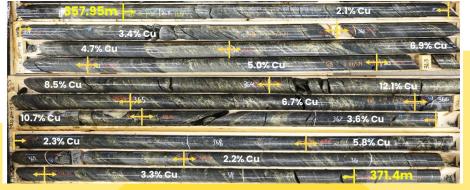


- Best holes drilled by FireFly to date with thick consistent zones of high-grade copper and gold
- Grade seems to be increasing down plunge
- This hole has the highest-grade footwall zone encountered to date (5.3% CuEq over 27.6m)
- High-grade upper VMS has a well-developed footwall stringer zone directly underneath at the northern end of the Resource
- Today's result demonstrates high grade is continuing 58.2m @ 3.1% CuEq (2.4% Cu & 0.7g/t Au) in hole MUG24-083 (~ true thickness)

Upper Copper-Gold VMS High Grade



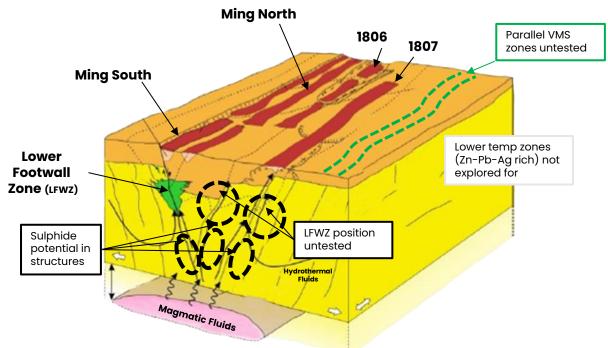
Broad Copper Footwall Zone

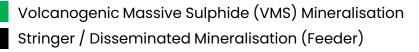


Green Bay Project Exploration Targeting

FireFly METALS

MING DEPOSIT MODEL HIGHLIGHTS EXCEPTIONAL EXPLORATION UPSIDE¹





ASX | TSX FFM

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

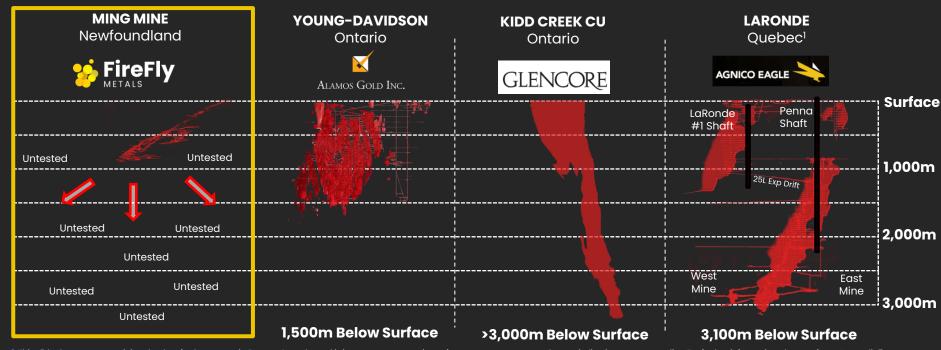
- Conduct downhole and surface electrical geophysical programs
- Drill test for parallel VMS mineralisation horizons
- Test for LFWZ-style stringer mineralisation beneath known VMS zones
- Explore for Zinc-Silver rich lateral zones within the system

Excellent Ground Conditions¹



Low rock stress conditions allow for much deeper mining Supported with existing decline, underground development & shaft

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



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