Green Bay Copper Gold Project

Demonstrating World Class Potential



Drill results outside of current Resource of 39.2Mt at 2.07% CuEq (1.87% copper and 0.5gt gold)¹

- 46.4m @ 5.6% CuEq (4.6% copper & 1.2g/t gold)
- 20.7m @ 6.4% CuEq (4.4% copper & 2.1q/t gold)
- 9.3m @ 13.6% CuEq (9.4% copper & 4.7g/t gold)
- 17.8m @ 6.6% CuEq (4.4% copper & 2.2g/t gold)
- 16.8m @ 11.2% CuEq (6.7% copper & 3.5g/t gold)
- 14.7m @ 7.5% CuEq (2.6% copper & 5.5g/t gold)
- 18.4m @ 6.3% CuEq (4.6% copper & 1.9g/t gold)
- 11.2m @ 6.9% CuEq (4.9% copper & 2.3 g/t gold)
- 46.4m @ 5.6% CuEq (4.6% copper & 1.2g/t gold)
- 47.2m @ 6.8% CuEq (4.7% copper & 2.2g/t gold)
- 20.8m @ 4.3% CuEq (4.0% copper & 0.3g/t gold)
- 13.5m @ 6.4% CuEq (2.3% copper & 4.9g/t gold)
- 18.0m @ 4.9% CuEq (3.4% copper & 1.7g/t gold)
- 41.2m @ 7.1% CuEq (5.9% copper & 1.3g/t gold)

- 65.0m @ 3.40% copper & 24.3m @ 1.43% copper
- 37.2m @ 2.23 % copper & 21.1m @ 2.74% copper
- 31.7m @ 2.05% copper & 8.7m @ 2.43% copper
- 17.4m @ 3.18% copper & 30m @ 1.45% copper
- 18.2m @ 2.15% copper & 22.5m @ 2.08% copper
 - 53.0m @ 2.49 % copper
 - · 42.0m @ 1.94 % copper
 - 44.6m @ 2.13% copper
 - 29.1m @ 3.16% copper
 - · 49.5m @ 2.57% copper
 - 102.0m @ 1.70% copper
 - 27.4m @ 2.30% copper
 - 55.0m @ 1.8% CuEq
 - 20.3m @ 3.3% CuEq

- 31.6m @ 4.6% CuEq (3.6% copper & 1.1g/t gold)
- 49.1m @ 7.7% CuEq (6.2% copper & 1.8g/t gold)
- 11.0m @ 4.4% CuEq (1.2% copper & 3.8g/t gold)
- 13.0m @ 4.4% CuEq (3.7% copper & 0.8g/t gold)
- 9.1m @ 5.4% CuEq (3.1% copper & 2.4g/t gold)
- 13.5m @ 7.6% CuEq (5.3% copper & 2.6g/t gold)
- 5.4m @ 12.2% CuEq (8.6% copper & 4.0g/t gold)
- 20.8m @ 4.3% CuEq (4.0% copper & 0.3g/t gold)
- 2.7m @ 19.4% CuEq (13.5% copper & 7.0g/t gold)
- 28.0m @ 4.7% CuEq (3.3% copper & 1.6g/t gold)
 - 63.1m @ 2.2% CuEq
 - 37.4m @ 2.7% CuEq
 - 26.0m @ 8.2% CuEq
 - 51.0m @ 2.2% CuEq

Previously released resource extension drill results

ASX FFM

Drill hole intersections are reported as down hole widths.

Drilling metal equivalents have been calculated at a copper price of U\$\$8,300/t, gold price of U\$\$2,000/oz, silver price of U\$\$2,50z and zinc price of U\$\$2,500/t. Copper equivalent was calculated based on the formula CuEq (%) = Cu(%) + (Au (g/t) x 0.77472) + (Ag (g/t) x 0.0968) + (Zn (%) x 0.3012). No metallurgical recovery factors have been applied to the calculation. All elements included in the calculation have a reasonable probability of being recovered and sold.

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

This presentation contains references to Mineral Resource Estimate at the Pickle Crow Project which have been extracted from the Company's ASX announcement dated 4 May 2023, titled "High-Grade Inferred Gold Resource Grows to 2.8Moz at 7.2g/t". All future references in this presentation that relate to the Mineral Resource Estimate at the Pickle Crow Project should be read in conjunction with the aforementioned ASX release. The Company confirms that it is not aware of any new information or data that materially affects the information included in that ASX announcement and that all material assumptions and technical parameters underpinning the Mineral Resource Estimate (Inferred Resource – 11.9 Mt @ 7.2 g/t gold for 2.8M ounces of gold) in that announcement continue to apply and have not materially changed.

The Company first announced the foreign estimate for the Green Bay Project on 31 August 2023. The current foreign estimate for the Green Bay project is 39.2Mt @ 1.83% Cu, 0.3g/t Au and 2.7g/t Ag for 81lkt CuEq. The foreign estimate is prepared in accordance with Canadian National Instrument 43-101 and has not been reported in accordance with JORC 2012. A competent person has not done sufficient work to classify the foreign estimate as a mineral resource in accordance with JORC 2012 and it is uncertain that following further evaluation and exploration work that the foreign estimate will be able to be reported as a mineral resource under the JORC Code 2012. The Company confirms that it is not in possession of any new information or data relating to the foreign estimate that materially impacts on the reliability of the estimate or the Company's ability to verify the foreign estimate in accordance with the JORC Code 2012. The Company confirms the supporting information provided in the initial market announcement referred to in Listing Rule 5.12 continues to apply and has not materially changed.

Metal equivalents for the foreign estimate of mineralization have been calculated using a copper price of US\$8,295/t, gold price of US\$1,912/oz and a silver price of US\$2.59/oz. Individual grades for the metals are set out at Appendix 2 of this announcement. Copper equivalent was calculated based on the formula $CuEq(\%) = Cu(\%) + (0.74112 \times Au(g/t)) + (0.00876 \times Ag(g/t))$. Metal equivalents for the drilling at the Green Bay Project have been calculated at a copper price of US\$8,300/t, gold price of US\$2,000/oz, silver price of US\$25/oz and zinc price of \$2,500/t. Copper equivalent was calculated based on the formula $CuEq(\%) = Cu(\%) + (Au(g/t) \times 0.77472) + (Ag(g/t) \times 0.00968) + (Zn(\%) \times 0.3012)$. No metallurgical recovery factors have been applied to the in-situ resource or exploration results. It is the Company's view that all elements in the copper equivalent calculations have a reasonable potential to be recovered and sold.

This presentation also contains references to certain Exploration Results that were first reported in accordance with ASX Listing Rule 5.7 in the Company's announcements of 28/01/2020, 26/03/2020, 01/09/2020, 11/11/2020, 19/01/2021, 7/04/2021, 15/07/2021, 15/07/2021, 2/108/2021, 15/10/2021, 18/11/2022, 3/5/2022, 23/6/2022, 22/11/2022, 24/11/2023, 31/8/2023, 11/12/2023, 16/1/2024, 4/3/2024, 21/3/2024 and 29/4/2024. FireFly Metals confirms that it is not aware of any new information or data that materially affects the information included in the original announcements. The Company confirms that the form and context in which the Competent Persons' findings are presented have not been materially modified from the original market announcements.

JORC CODE

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



FORWARD LOOKING INFORMATION

This document contains forward looking statements concerning the Company. Forward-looking statements are not statements of historical fact, and actual events and results may differ materially from those described in the forward-looking statements as a result of a variety of risks, uncertainties and other factors. Forward-looking statements are inherently subject to business, economic, competitive, political and social uncertainties and contingencies. Many factors could cause the Company's actual results to differ materially from those expressed or implied in any forward-looking information provided by the Company, or on behalf of the Company. Such factors include, among other things, risks relating to additional funding requirements, metal prices, exploration, development and operating risks, competition, production risks, regulatory restrictions, including environmental regulation and liability and potential title disputes. Forward looking statements in this document are based on the Company's beliefs, opinions and estimates of the Company as of the dates the forward-looking statements are made, and no obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments. Although management believes that the assumptions made by the Company and the expectations represented by such information are reasonable, there can be no assurance that the forward-looking information will prove to be accurate. Forward-looking information involves known and unknown risks, uncertainties, and other factors which may cause the actual results, performance or achievements of the Company to be materially different from any anticipated future results, performance or achievements expressed or implied by such forward-looking information. Such factors include, among others, the actual market price of commodities, the actual results of future exploration, changes in project parameters as plans continue to be evaluated, as well as those factors disclosed

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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, 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 prospectus dated 23 May 2024 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.

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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 equivalent¹
- A\$250M of mine infrastructure
- Targeting significant and immediate growth drilling 100,000m in 2024/25

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\$38M cash²

1. Prepared in accordance with Canadian National Instrument 43-101. The estimate is a foreign estimate & has not been reported in accordance with JORC 2012. A competent person has not done sufficient work to classify the foreign estimate as a mineral resource in accordance with JORC 2012 & it is uncertain that following further evaluation & exploration work that the foreign estimate will be able to be reported as a mineral resource under the JORC Code 2012. Metal equivalents calculated using a copper price of US\$\$,295/t, gold price of US\$\$,1912/oz and a silver price of US\$\$2.259/oz. Individual grades for the metals are set out at Appendix 2 of this announcement. Copper equivalent was calculated based on the formula CuEq(%) = Cu(%) + (0.74112 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. 2. Cash position as at 30 June 2024.



Exceptional Share Register and Strong Balance Sheet



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

CAPITAL STRUCTURE	CURRENT		
Shares on issue	480.7M ¹	A\$0.95	A\$450M
Management performance rights	34.9M ²	Current Share Price ¹	
SHAREHOLDER SUMMARY ³			'
Board & Management (fully diluted)	13%	2.4M	~A\$38M
Australian & Global Institutions	54%		
BlackRock Group	14%	Average Daily Volume ³	Cash Position ⁴
GLOBAL BANKING & RESEARCH		No Offtake	
			A1 . B . L .





Capital Markets



ARGONAUT



Barrenjoey'

No Streams

No Debt





A Lack of Quality Copper Opportunities on the ASX

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

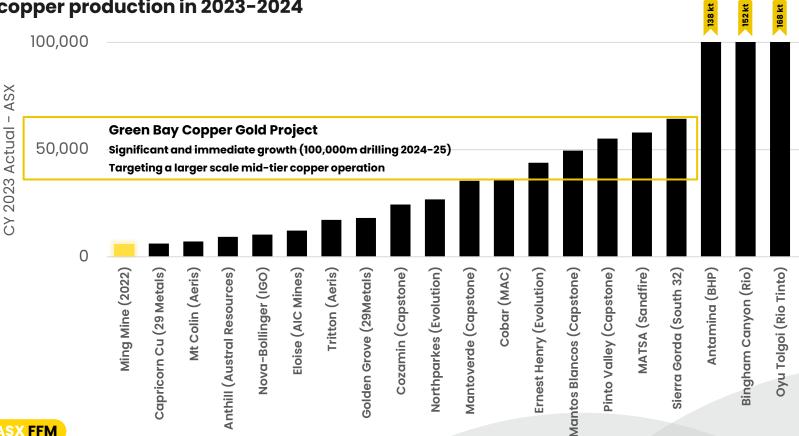


280 kt

Pampa Norte (BHP)

Copper Sth Aust (BHP)

Escondida (BHP/Rio Tinto)





TONNES

PRODUCTION

COPPER

1. Please see Appendix 4 for original source data for production information.

Green Bay Copper & Gold - A Company Making Project



	GREEN BAY FireFly			MCILVENNA BAY FORAN			COBAR METALS ACQUISITION CORP			ERNEST HENRY Evolution			
Location	Newfoundlo	ınd, Canada	Saskatchewan, Canada			N.S.W, A	Queensland, Australia						
Stage	Pre-Development		Development		Produ	Production							
Resource	Tonnes ^{1,2} :	39.2Mt	Tonnes ^{1,7} :		44.1Mt	Tonnes":	20.2Mt	Tonnes	ò:	101.5Mt			
(M,l&Inf)	Copper: Grade	1.83%	Copper: G	rade	1.17%	Copper: Grade	4.86%	Copper:	Grade	1.25%			
	Metal	717kt	М	letal	516kt	Metal	977kt		Metal	1,272kt			
	Co-products:	Au, Ag	Co-produc	ts:	Zn, Pb, Au, Ag	Co-products:	Ag	Co-prod	ducts:	Au			
	In-situ Value ^{3,4}	88% Copper 12% Coproducts	In-situ Valu	IC ^{3,4}	51% Copper 49% Coproducts	In-situ Value ^{3,4}	97% Copper 3% Coproducts	In-situ V	'alue³,4	70% Copper 30% Coproducts			
Production		start Studies in gress	G	Milled Frade Metal	1.51Mtpa 1.23% Cu ave 16,000t Cu avg	2024F ¹² : Mined Grade Metal	1.2Mt 3.3% Cu 39,700t Cu	FY23A:	Milled ¹⁷ Grade Metal¹⁸	5.8Mt 0.8% Cu 47,348t Cu			
Mine Infrastructure	950m decline and shaft (6m x 3m)		Yet to be built		~1,900m decline and shafts		~1,000m shaft only (6m x 6m)						
Acquisition Cost	A\$0.065B (Oct 2023)⁵		N/A (1998)		A\$1.5B (June 2023) ^{13,14}		A\$1.9B (Nov 2016 and Nov 2021) ¹⁹						
Market Cap	A\$0	.39B₁	A\$1.7B _{9.10}		A\$1	A\$7.4B20							



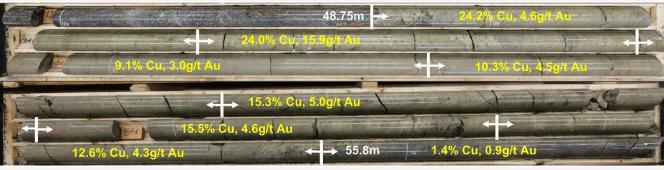




'The Base Load'

- Large-scale resource of 811,000t at 2.07% copper equivalent (39.2Mt @ 1.83%Cu & 0.5g/t Au)
- Operationally ready underground mine
- Abundant low cost zero-carbon Hydro Power
- Skilled local workforce, strong Government and community support







Our Competitive Advantages



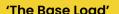
'A Huge Step-Up'

\$A250M Existing Infrastructure

- Shaft to 630m depth (6m x 3m size) and decline for haulage to 950m depth
- +25km underground development
- Processing plant (1,500tpd / 500ktpa) and tailings facility
- Deep water port (1Mtpa concentrate capacity)







- Large-scale resource of 811,000t at 2.07% copper equivalent (39.2Mt @ 1.83%Cu & 0.5g/t Au)
- Operationally ready underground mine
- Abundant low cost zero-carbon Hydro Power
- Skilled local workforce, strong Government and community support



Our Competitive Advantages



'Abundant Low Hanging Fruit'

Immediate Low-Cost Growth

- High-grade massive sulphide copper gold lodes Resource extension drilling
- Bulk tonnage Footwall copper Zone Resource extension drilling
- Geophysical Down-Hole-Electro-Magnetics to vector new lodes









'A Huge Step-Up'

\$A250M Existing Infrastructure

- Shaft to 630m depth (6m x 3m size) and decline for haulage to 950m depth
- +20km underground development
- Processing plant (1,500tpd / 500ktpa) and tailings facility
- Deep water port (IMtpa concentrate capacity)

'The Base Load'

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- Operationally ready underground mine
- Abundant low cost zero-carbon Hydro Power
- Skilled local workforce, strong Government and community support



Our Competitive Advantages



'A Potential Game Changer'

District Scale

- Dominant landholding of 'Prime' VMS mineralised rock types
- Little exploration over the past 20 years
- Regional surface and aero geophysics underway (VTEM, Aeromag, Gravity, LIDAR)
- Maiden discovery drilling



'Abundant Low Hanging Fruit' Immediate Low-Cost Growth

- High-grade massive sulphide copper gold lodes Resource extension drilling
- Bulk tonnage Footwall copper Zone Resource extension drilling
- Geophysical Down-Hole-Electro-Magnetics to vector new lodes





'A Huge Step-Up'

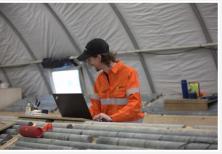
\$A250M Existing Infrastructure

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- +20km underground development
- Processing plant (1,500tpd / 500ktpa) and tailings facility
- Deep water port (1Mtpa concentrate capacity)



'The Base Load'

- Large-scale resource of 811,000t at 2.07% copper equivalent (39.2Mt @ 1.83%Cu & 0.5g/t Au)
- Operationally ready underground mine
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Our Competitive Advantages



'A Potential Game Changer' District Scale

- Dominant landholding of 'Prime' VMS mineralised rock types
- Little exploration over the past 20 years
- Regional surface and aero geophysics underway (VTEM, Aeromag, Gravity, LIDAR)

'Abundant Low Hanging Fruit' Immediate Low-Cost Growth

Maiden discovery drilling

'A Huge Step-Up'



Already commenced:

100,000m drilling

4 x drill rigs

1,500m Exploration drill drive

Resource updates Q3 24 & Q2 25

New discovery drilling

Geophysical targeting near

mine and regional **Engineering studies for**

upscaled production 1H25

Multiple high-grade massive sulphide copper gold lodes - Resource extension drilling Bulk tonnage Footwall Cu Zone – Resource extension drilling

Geophysical Down-Hole-Electro-Magnetics to vector new lodes

\$A250M Existing Infrastructure

- Shaft to 630m depth (6m x 3m size) and decline for haulage to 950m depth
- +20km underground development
- Processing plant (1,500tpd / 500ktpa) and tailings facility
- Deep water port (1Mtpa concentrate capacity)
- 'The Base Load'
- Significant Size, Scale and Grade
- Large-scale resource of 811,000t at 2.07% copper equivalent (39.2Mt @ 1.83%Cu & 0.5g/t Au) Operationally ready underground mine
- Abundant low cost zero-carbon Hydro Power
 - Skilled local workforce, strong Government and community support

Newfoundland – A Maritime and Mining Provence



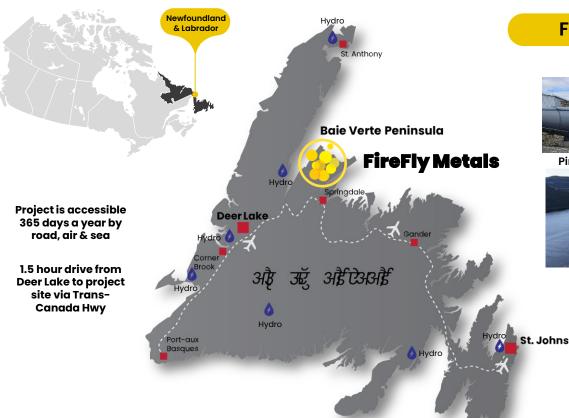
A True Tier 1 Mining Jurisdiction





Newfoundland – A Maritime and Mining Provence





FireFly Metals Green Bay Operations

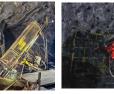
Ming Copper Mine



Pine Cove Deepwater Port



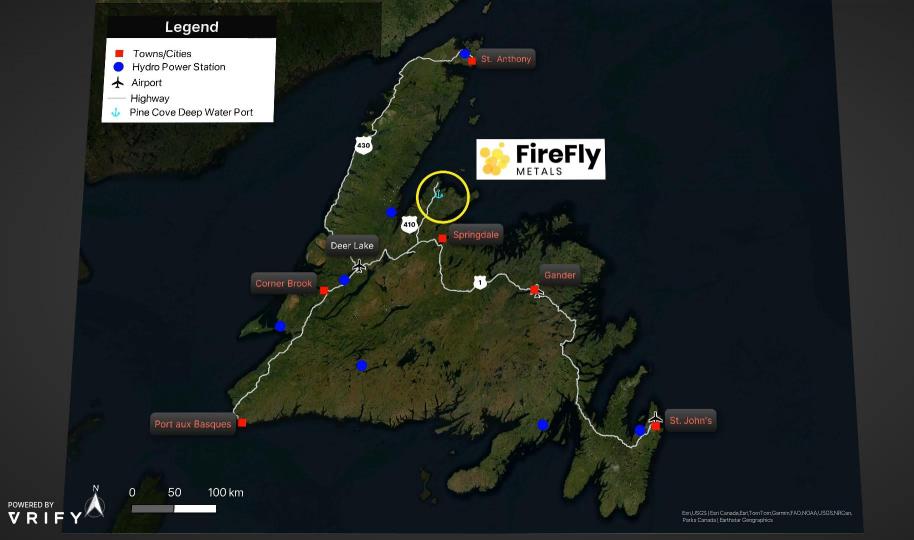
Fully Operational Mine





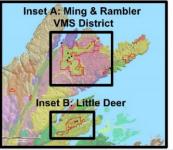
True Tier 1 Mining Jurisdiction

- 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

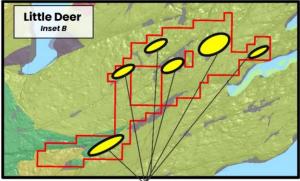


A DISTRICT SCALE VMS CAMP Multiple Walk Up Copper and Gold Targets



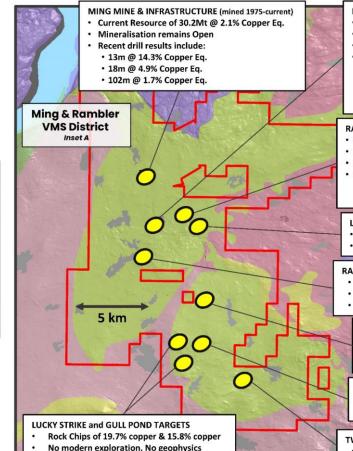


Multiple targets within only 25km of mine and infrastructure



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



RAMBLER MAIN MINE (mined 1964-67)

- Only mined to ~200m below surface
- Mineralisation remains Open
- Limited exploration, No geophysics
- Drill results include:
 - 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

RAMBLER EAST COPPER MINE (mined 1967-74)

- Only mined to ~300m below surface
- 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
 No. 110.155.
- UNTESTED, No drilling

LEVER TAUCH TARGETS

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

TWIN POND TARGET

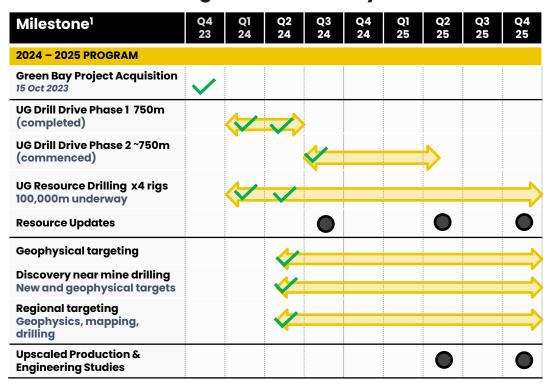
Rock Chips of 33.4g/t gold & 227.1g/t Ag



Rapid Resource and Mine Growth Over Next 18 Months



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



2024 – 2025 Key Deliverables

- Underground development drill drive phase 1 750m completed, phase 2 extension underway for a further ~750m (~1,500m total)
- 4 x drill platforms drilling well underway
- 4 x underground drill rigs targeting resource growth ~100,000m (30,000m completed)
- Geophysical equipment has arrived on site commencing in coming weeks to identify new 'walk-up' drill targets
- Regional targeting commenced utilising geophysics, mapping and surface drilling
- Upscaled mine production & engineering studies underway, PEA June 25, BFS Dec 25



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\$38.1 Million² for Immediate Growth Throughout 2024-2025

GREEN BAY COPPER-GOLD PROJECT

- A fully operational underground mine in tier one mining jurisdiction
- High-grade resources of 811kt @ 2.07% Copper Equivalent¹ (39.2Mt @ 1.83% copper and 0.5g/t gold)
- Immediate and rapid resource growth: 100,000m drilling 2024-25
- Significant 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)

PICKLE CROW GOLD PROJECT

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









High-Grade Copper and Gold

Significant and immediate growth through the drill bit

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

Supplementary Information



- Appendix 1. Pickle Crow Gold Deposit 2.8Moz @ 7.2g/t Gold
- Appendix 2. FireFly Metals Mineral Resources
- Appendix 3. FireFly Green Bay Project further information
- Appendix 4. Learning From The Past: An Opportunity
- Appendix 5: 2023 Copper Production Data
- Appendix 6. References 'Green Bay Copper & Gold' Slide
- Appendix 7. External Company Resources & Reserves
- Appendix 8. Supplementary information for Excellent Ground Conditions



Appendix I – Pickle Crow Gold Deposit – The Perfect Addition



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



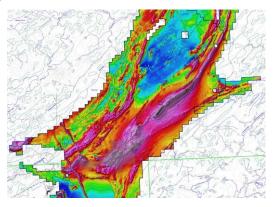
LOCATION

- Operating in a Tier I 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

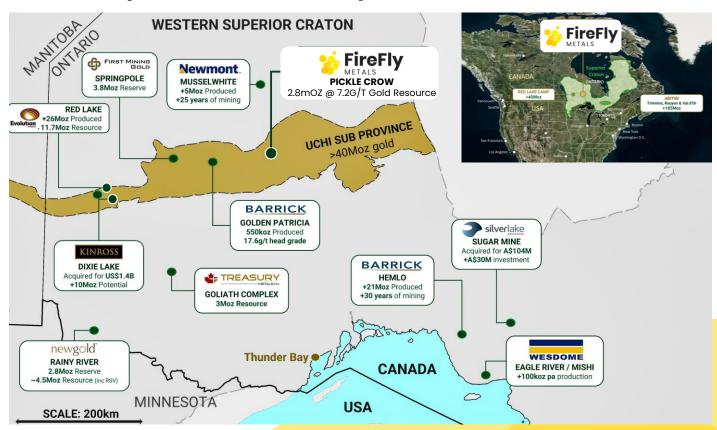
- 2.8Moz @ 7.2g/t inferred gold resource
- Rapid resource growth
- Open in all directions
- Exceptional discovery potential in a consolidated mineral district



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

FireFly METALS

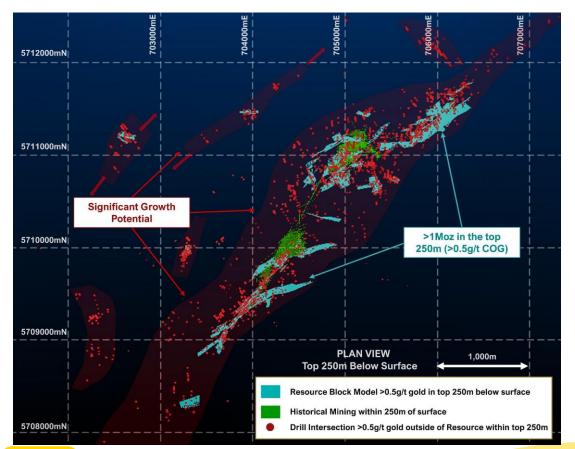
Pickle Crow Gold Deposit is surrounded by World-Class Gold Mines





Appendix 1 – Significant Shallow Open Pit Potential





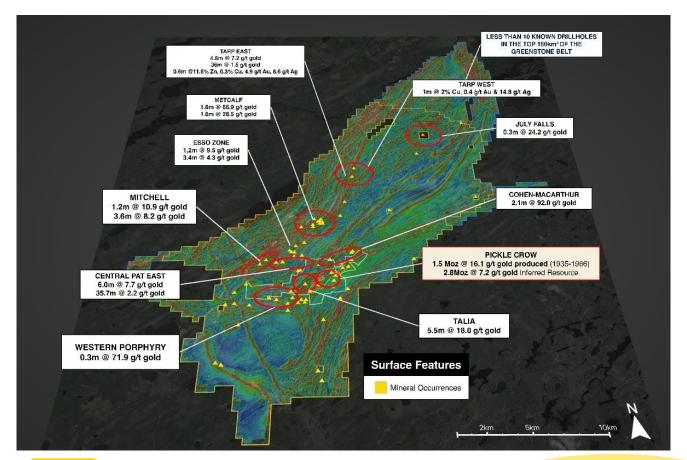
Significant Potential to Grow the 2.8Moz @ 7.2g/t Resource

- Potential for Open Pit as well as Underground mining at the Pickle Crow Deposit
- Significant proportion of resource shallow from surface
- Over **1Moz** above 0.5g/t in the top **250 metres**
- Extensive shallow
 mineralisation in the top 250m
 below surface outside of the
 current Resource
- Resource remains open in all directions



Appendix 1 - Huge Discovery Potential - An Entire Mineral District





EXCEPTIONAL UPSIDE

- First time entire Pickle
 Crow district held by one company
- Over 46km of strike to be tested
- Regional systematic geochemical sampling underway
- Low-cost discovery potential
- Numerous high priority walk up targets



Appendix 2 – FireFly Metals Resources



Mineral Resources – Green Bay Copper – Gold Project¹

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

LITTLE DEER	Measured			Indicated			Inferred			TOTAL RESOURCE		
	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Copper	-	-	-		2.13%	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

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



1. For further details refer to Firefly ASX announcement dated August 31, 2023. Prepared in accordance with Canadian National Instrument 43-101. The estimate is a foreign estimate and has not been reported in accordance with JORC 2012. A competent person has not done sufficient work to classify the foreign estimate as a mineral resource in accordance with JORC 2012 and it is uncertain that following further evaluation and exploration work that the foreign estimate will be able to be reported as a mineral resource under the JORC Code 2012. Metal equivalents calculated using a copper price of US\$2.259/a. Copper equivalent was calculated based on the formula CuEq($\frac{1}{3}$) = Cu($\frac{1}{3}$) + (0.74112 x Au($\frac{1}{3}$)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.

Board and Management





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 Bankina 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 aeologist 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 servina on the board and in the executive management teams.



Jessie Liu-Ernstina

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), alobal 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 a Director of **Collingwood Football Club** and Chair of the Club's Risk and Integrity Committee.



FireFly

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.

