





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
- Rapid resource growth (Increased in 2024 to 24.4Mt for 460kt M&I plus 34.6Mt @ 690kt inferred)
- Building world-class scale with 6 Drill Rigs turning
- Exceptional infrastructure includes operational underground, shaft, processing plant, deep water port and hydro power
- Canada a Tier one mining jurisdiction

25 February 2025

BMO Miami Global Metals, Mining & Critical Minerals Conference

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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 US\$2,500/z and silver price of US\$2,500/oz and silver price of US\$2,500/z and silv

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, 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,

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**).

Investors outside of Australia and Canada should note that they may not comply with the relevant guidelines in other countries and, in particular, may not comply with Item 1300 of Regulation S-K, which governs disclosures in registration statements filed with the SEC. Information contained in this presentation describing mineral deposits may not be comparable to similar information made public by companies subject to the reporting and disclosure requirements of US securities laws.

COMPETENT PERSON AND QUALIFIED PERSON STATEMENTS AND DISCLOSURE OF TECHNICAL INFORMATION

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.

FORWARD-LOOKING STATEMENTS

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", "would", "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 M&I resource of 24.4Mt for 460kt contained metal at 1.9% and Inferred Resource of 34.6Mt for 690kt contained metal at 2% copper equivalent¹
- 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



Approx cash, receivables and liquid investments as at the end of December 2024.

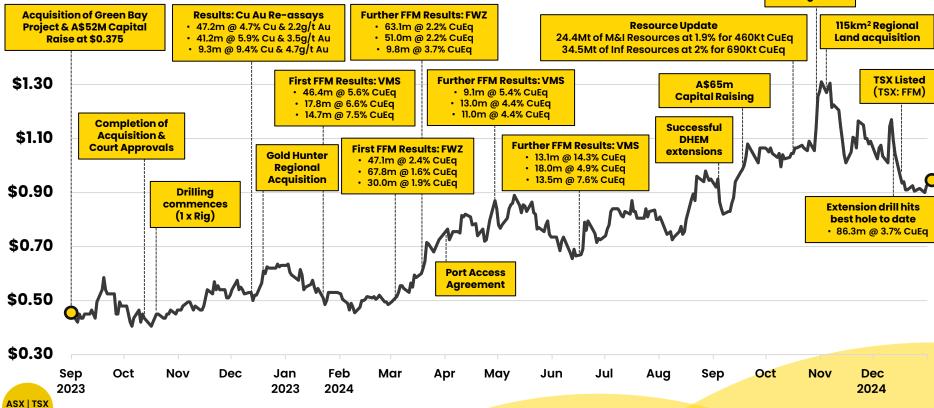
Prepared in accordance with JORC Code 2012 & NI 43-101. Metal equivalents for the Resource Estimate has been calculated at a copper price of US\$8,750/t, gold price of US\$2,500/oz and silver price of US\$25/oz. Metallurgical recoveries have been set at 95% for copper and 85% for both gold and silver. 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.

Significant Delivery in 20242025 has plenty more to come

FFM



4 Drill Rigs Underground



FireFly's Latest Drill Hits

FireFly

Reflecting on a spectacular first year of world-class drill results in 2024

High Grade 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) MUG23_029
- 14.7m @ 7.5% CuEq (2.6% Cu & 5.5g/t Au) мис23_004
- 17.3m @ 7.4% CuEq (7.0% Cu & 0.4g/t Au) MUG24_089
- **7.0m @ 7.4% CuEq** (4.4% Cu & 2.7g/t Au) MUG24_038
- 17.8m @ 6.6% CuEq (4.4% Cu & 2.2g/t Au) мис23_003
- **46.4m @ 5.6% CuEq** (4.6% Cu & 1.2g/t Au) мис23_006
- 9.1m @ 5.4% CuEq (3.1% Cu & 2.4g/t Au) мисе24_018
- 22.2m @ 5.1% CuEq (2.1% Cu & 4.1g/t Au) MUG24_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
- 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) MUG24_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) MUG24_041

NOTE: Intersections highlighted in red are from the Company's latest drill release in 2025



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\$0.98	~A\$550M
Management performance rights	36.4M ²	Current Share Price ^l	Market Capitalisation
			market e apreameation

SHAREHOLDER SUMMARY³

.....

Board & Management (fully diluted)	10%	2.4M	~A\$84.1M
Australian & Global Institutions	60%		
BlackRock Group	13%	Average Daily Volume ⁴	Cash Position ⁵

OBAL BANKING & RESEARCH





Capital Markets











No Offtake No Streams







FFM

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 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**.



Significant value drivers throughout 2025 "5 in 2025"



1 Resource Growth

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

FireFly sees significant 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

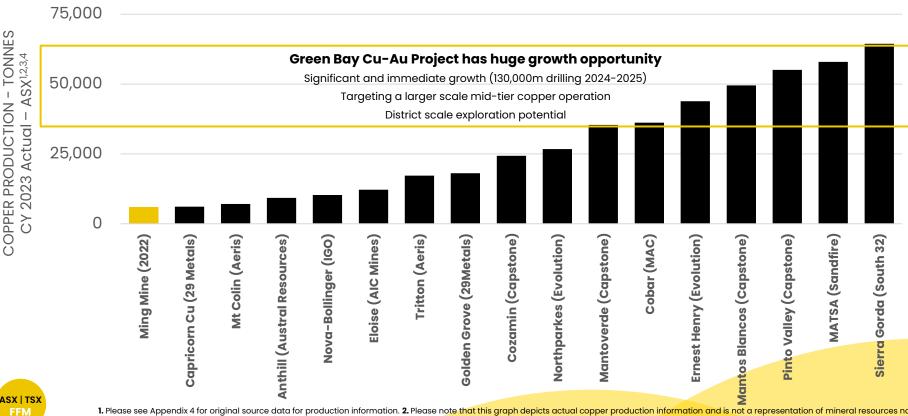
Value created via these four means will be greatly enhanced by Green Bay's highly favourable location, which delivers security of tenure, extensive infrastructure and opportunities to access hydro power, critical minerals funding initiatives and deep pools of investment capital

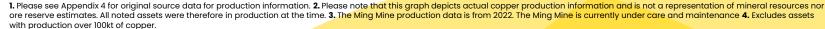


A Lack of Copper Opportunities on the ASX



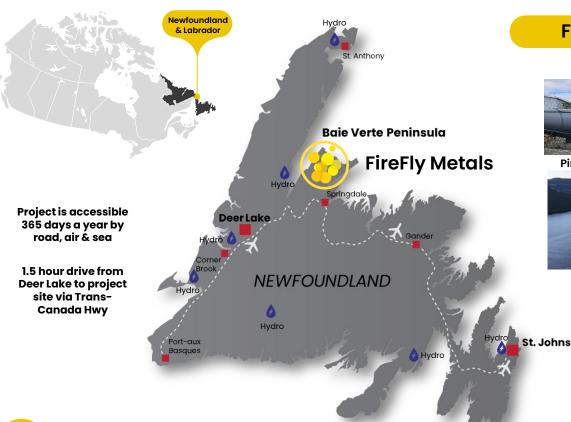
Very few ASX-listed companies with over 30,000 tonnes of attributable copper production 2023-2024





Newfoundland – A Maritime and Mining Province





FireFly Metals Green Bay Operations

Ming Copper Mine



Pine Cove Deepwater Port



Fully Operational Mine



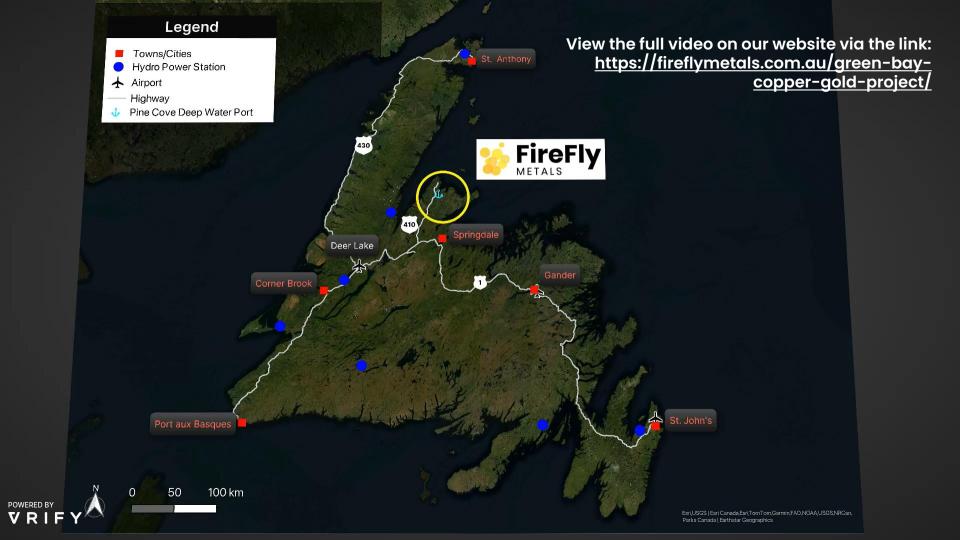




True Tier 1 Mining Jurisdiction

- 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

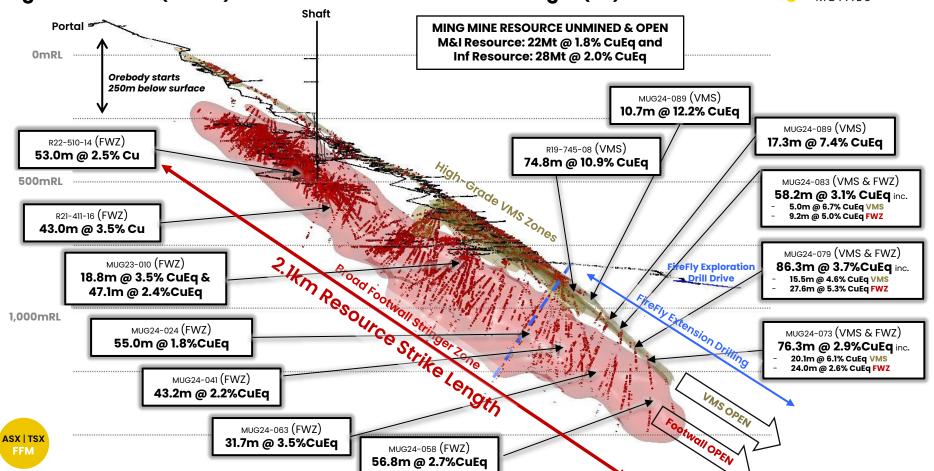




A Large Scale Copper Gold VMS System

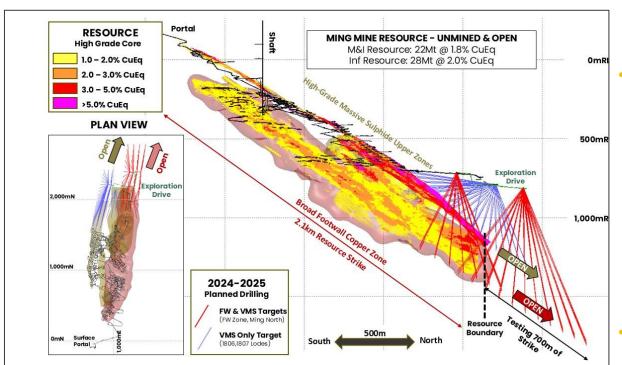
High Grade VMS (Cu+Au) Zones and a Broad Footwall Stringer (Cu) Zone





Low-cost step-out growth, high value-add Infilling and discovery drilling throughout 2025





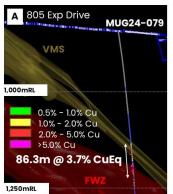
Continued rapid growth in 2025:

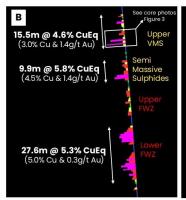
- Phase 2 drilling underway with 5 x underground drill rigs:
 - Step-out of high-grade VMS zones (<u>currently 6Mt @ 4.3%</u> <u>CuEq and remains OPEN</u>)
 - Step-out of large scale FWZ zone
 - ✓ Infill drilling (high value add M&I)
 - Geophysical discovery drilling targeting new and parallel lodes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

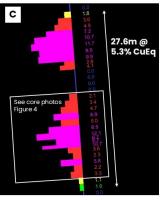


Recent and Deepest Drill Holes 86.3m @ 3.7% CuEq and 58.2m @ 3.1% CuEq (True Widths)



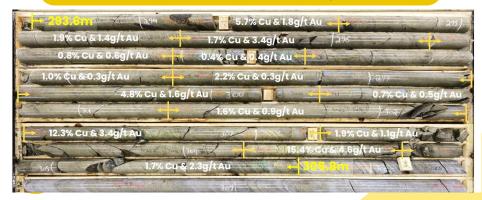






- Best holes drilled by FireFly to date with thick consistent zones of high-grade copper and gold
- Grade seems to be increasing down plunge
- This hole has the highest-grade footwall zone encountered to date (5.3% CuEq over 27.6m)
- High-grade upper VMS has a well-developed footwall stringer zone directly underneath at the northern end of the Resource
- Result in recent ASX release (12 Feb 2025) 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

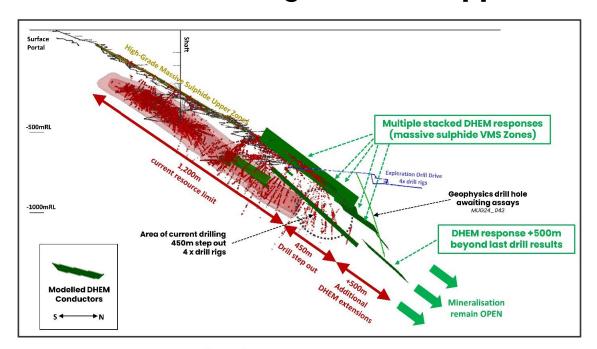


Broad Copper Footwall Zone

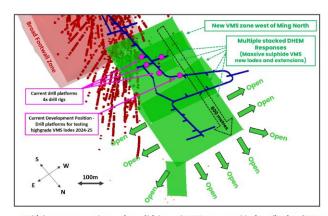


Downhole Geophysics Points to Further High-Grade Copper Zones





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.

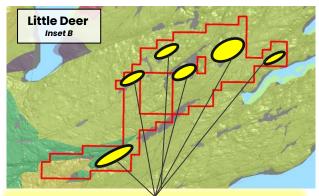


A District Scale VMS Camp



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

Drilling starting March 2025

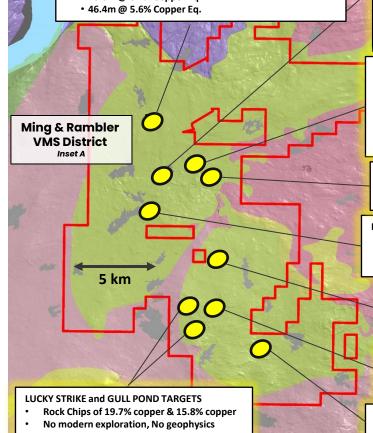


LITTLE DEER & WHALESBACK MINING CENTRE (mined 1960-72)

- 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 CuEg metal.
- · Mineralisation remains Open
- · Recent drill results include:
 - 86.3m @ 3.7% Copper Eq.
 - 26.0m @ 8.2% Copper Eq.



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
- · 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

Green Bay Copper & Gold

A Company Making Project



	GREEN BAY FireFly METALS	MCILVENNA BAY FORAN	COBAR METALS ACQUISITION CORP	ERNEST HENRY Evolution	
Location	Newfoundland, Canada	Saskatchewan, Canada	NSW, Australia	Queensland, Australia	
Stage	Pre-Development	Development	Production	Production	
Resource ^{1,3}	M&I: 24.4Mt @ 1.7% for 400kt Cu Inf: 34.6Mt @ 1.7% for 600kt Cu	M&I: 39.1Mt @ 1.2% for 470kt Cu Inferred: 5.1Mt @ 0.94% for 50kt Cu	M&I: 16.5Mt @ 4.7% for 780kt Cu Inferred: 3.6Mt @ 5.4% for 190kt Cu	M&I: 70.0Mt @ 1.3% for 910kt Cu Inferred: 31.5Mt @ 1.15% for 360t Cu	
	Co-products Au, Ag Proportional 88% Copper Metal 12% Coproducts	Co-products Zn, Pb, Au, Ag Proportional 51% Copper Metal 49% Coproducts	Co-products Ag Proportional 97% Copper Metal 3% Coproducts	Co-products Au Proportional 70% Copper Metal 30% Coproducts	
Production ²	Upscaled Restart Studies in Progress	DFS Milled 1.51Mtpa Grade 1.23% Cu ave Metal 16,000t Cu avg	2024F Mined 1.2Mt Grade 3.3% Cu Metal 39,700t Cu	FY23A Milled 5.8Mt Grade 0.8% Cu Metal 47,348t Cu	
Mine Infrastructure ²	950m decline and shaft (6m x 3m)	Vet to be built		~1,000m shaft only (6m x 6m)	
Acquisition Cost ²	A\$0.065B (Oct 2023)	N/A (1998)	A\$1.5B (June 2023)	A\$1.9B (Nov 2016 and Nov 2021)	

Please see Appendix 1 for details of the Green Bay mineral resource estimate.



Please see Appendix 5 for source references for McIlvenna Bay (Foran), Cobar (Metals Acquisition Corp.) and Ernest Henry (Evolution Mining) production and feasibility results noted in the above table.
 Please refer to Appendix 6 for details on the McIlvenna Bay, Cobar and Ernest Henry mineral resource estimates, including breakdown of resource and reserve categories.

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 PROGR	AM								
Green Bay Project Acquisition 15 Oct 2023	~								
UG Drill Drive Phase 1 750m (completed)		⟨ ✓	₹						
UG Drill Drive Phase 2 ~750m (commenced)				\	\			\Rightarrow	
UG Resource Drilling x4 rigs		⟨ Z	V	V	V				\Rightarrow
Resource Updates			•	⟨ ズ⟩			•	\	\Rightarrow
Geophysical targeting			⟨ Z	V	V				\Rightarrow
Discovery near mine drilling New and geophysical targets			⟨ Z	/	\				\Rightarrow
Regional targeting Geophysics, mapping, drilling			⟨ Z	V	V				\Rightarrow
Upscaled Production & Engineering Studies							•	\	

2025 Key Deliverables

- Underground development drill drive phase 1750m completed, phase 2 extension underway for a further ~750m (~1,500m total)
- 4 x underground drill rigs (moving to 5) targeting resource growth ~130,000m (40,000m 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\$84.1M² 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
- 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
- Immediate and rapid resource growth: 130,000m 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



Supplementary Information

- Appendix 1. Green Bay Mineral Resources
- Appendix 2. Green Bay Project Further Information
 - 2024 Achievements
 - UG Mine Ready and Fully Operational
 - Existing Infrastructure = Lower Capex and Rapid Start-up
 - Ground Conditions and Mining Depth
 - Deposit Geological Model
 - Recent Drilling
 - Cross Section
 - Little Deer
 - ESG
- Appendix 3. Pickle Crow Gold Deposit 2.8Moz @ 7.2g/t Gold

Supplementary information for external companies and deposits referenced

- Appendix 4. 2023 Copper Production Data References (Slide 'A Lack of copper opportunities on the ASX)
- Appendix 5. External Company References & Source Data (Slide 'Green Bay Copper & Gold A Company Making Project)
- Appendix 6. External Company Resources & Reserves (Slide 'Green Bay Copper & Gold A Company Making Project)
- Appendix 7. Deposit information for projects referred to in slide titles 'Excellent Ground Conditions'





Appendix 1 – Green Bay Mineral Resources¹



Ming Deposit Mineral Resource Estimate

	TONNES	TONNES COPPER		GC	GOLD		VER	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	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	NNES COPPER		G	GOLD		.VER	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		PPER	G	GOLD		.VER	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



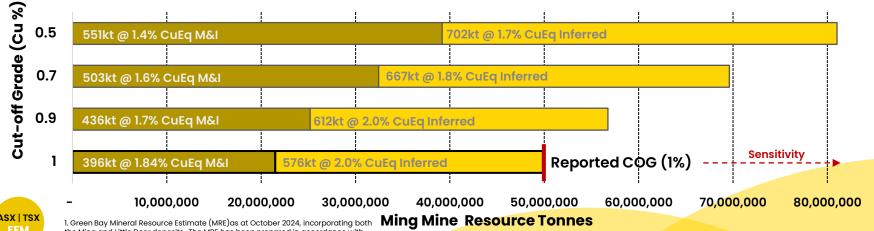
2024 Delivery of a large-scale high-grade resource



Green Bay Mineral Resource Estimate¹

	TONNES	COPPER		GC	GOLD		VER	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

The Ming Mine² is an even larger project at lower cutoff grades



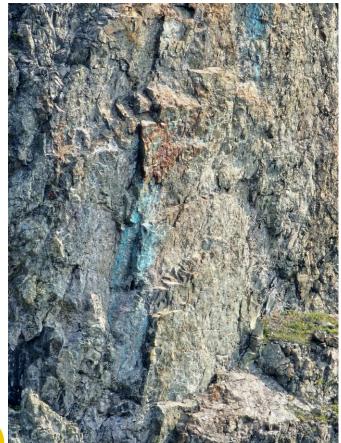


the Ming and Little Deer deposits.. The MRE has been prepared in accordance with JORC Code 2012 and NI 43-101. Refer to ASX announcement dated 29 October 2024 for further details on the MRE.

■ M&I ☐ Inferred

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

A transformational year of ownership

FireFly

METALS

The Green Bay copper-gold acquisition was one of the most accretive corporate development deals of recent times

development dedi	5 Of recent times		•
	October 2023 (Rambler)	November 2024 (FireFly)	
Debt	+C\$100M	NO DEBT	Debt wiped via insolvencyStream removed
Cash	+C\$0	A\$88M	 >\$120M raised since acquisition to fund our plans
FFM Metrics	+A\$70M cap (\$0.37 share price)	+A\$610M cap (\$1.08 share price)	10x increase in market cap206% increase in share price
Resource ¹	M&I: 26.6Mt @ 2.1% (570kt CuEq) Inf: 12.6Mt @ 2.0% (255kt CuEq)	M&I: 24.4Mt @ 1.9% (460kt CuEq) Inf: 34.5Mt @ 2.0% (690kt CuEq)	 Significant increase in contained metal
Land	58km²	326km²	 Acquired additional regional exploration ground 5 additional historical mines

^{1.} The previous estimate is considered a foreign estimate and was prepared in accordance with Canadian National Instrument 43-101. Refer to FireFly's release dated 31 August 2023. 2. Prepared in accordance with JORC 2012, announced 29 October 2024. Both resource estimates have been reported at a 1% copper cutoff grade. Refer Appendix 1.

Underground Mine is Ready and Fully Operational



- Underground drilling ~59,500m completed
- 4 drill rigs underground
- 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



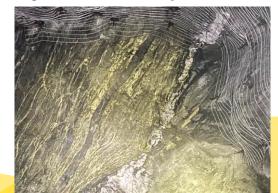
Development Drive



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



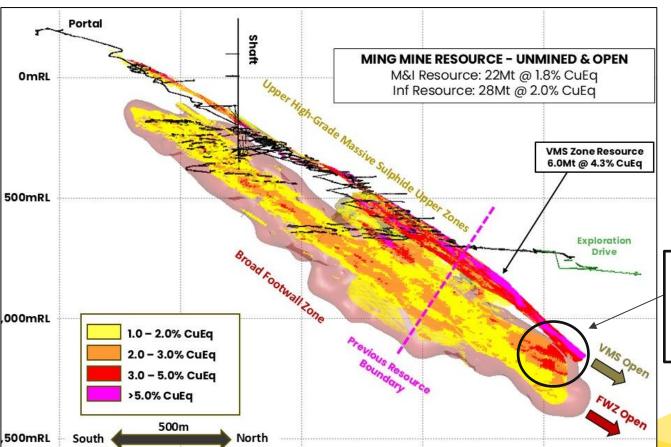
High-Grade Development Face





High Grade VMS remains open at depth





- Upper VMS zone currently contains 6.0Mt @ 4.3% CuEq
- The high-grade zone remains open

- The VMS and FWZ are converging at depth
- Grade in the upper portion of the FWZ observed to be increasing



Existing Infrastructure = Lower Capex and Rapid Start-up



0m

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 ground, no water issues

24. ANTO 1.90% CISED ME!

Phase 1

Drill Drive

Phase 2 Drill Drive

2024 - 2025 Drilling

Planned

(Extension)

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)

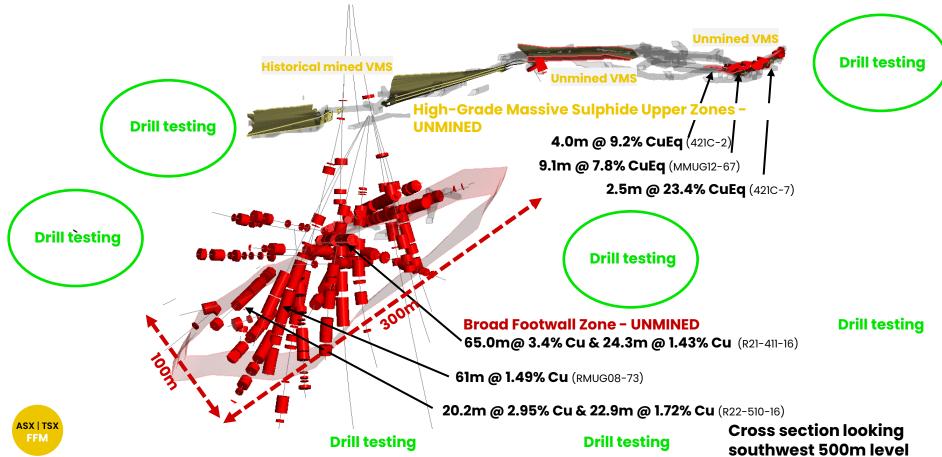
Long section looking west

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

Consistent and Continuous Large Scale Mineralisation



Step change discoveries - Geophysical testing ongoing

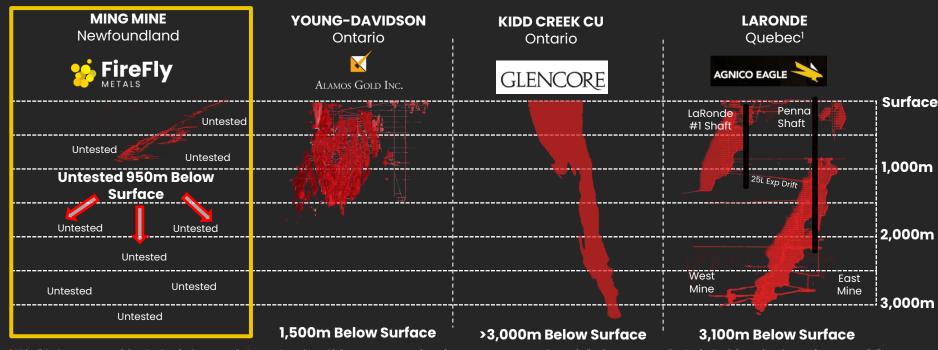


Excellent Ground Conditions¹



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)

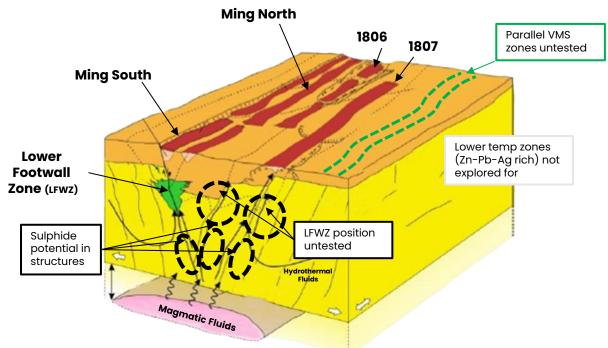


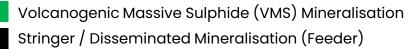
^{1.} This slide demonstrates mining depths of select assets in Eastern Canada, and is in no way a comparison of reserves, resources, market capitalisation nor commodity. For further information please refer to Appendix 7.

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

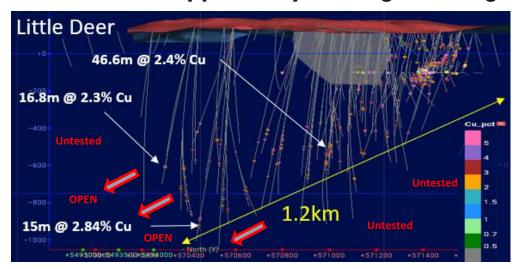
KEY TARGETS

- 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

Green Bay Project - Nearby Little Deer Cu-Au Complex



An unrealised opportunity with significant growth upside

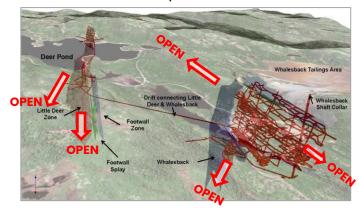


CURRENT RESOURCE

LITTLE DEER	TOT	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





Permitting in Newfoundland & Labrador



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

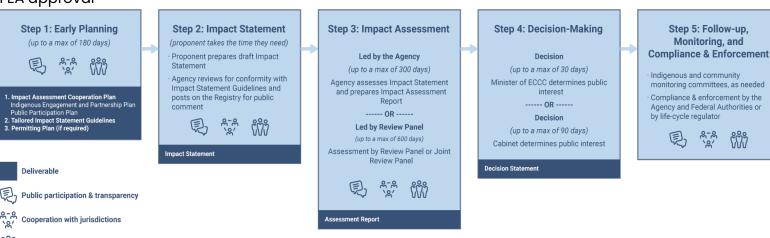
The Federal Environmental Assessment (EA) Process

Impact Assessment Act 2019

- In Canada, approvals are Province-based, however for largescale 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

Engagement with Indigenous peoples

- 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





Appendix 3 - Pickle Crow Gold Deposit

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





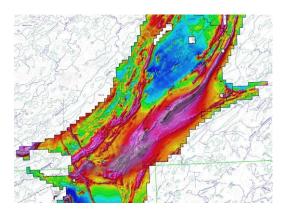
- Operating in a Tier I mining jurisdiction, Ontario Canada
- In a prolific mineral belt with>40Moz gold endowment
- Exceptional team and incountry knowledge



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

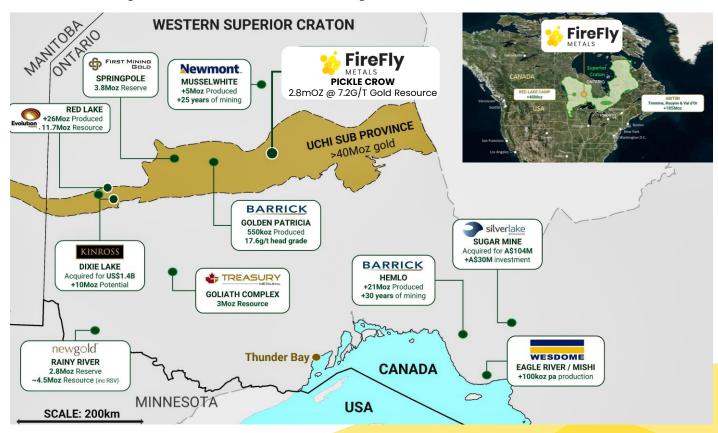
- 2.8Moz @ 7.2g/t inferred gold resource
- Rapid resource growth
- Open in all directions
- Exceptional discovery potential in a consolidated mineral district



An Exceptional Asset in a World-Class Location

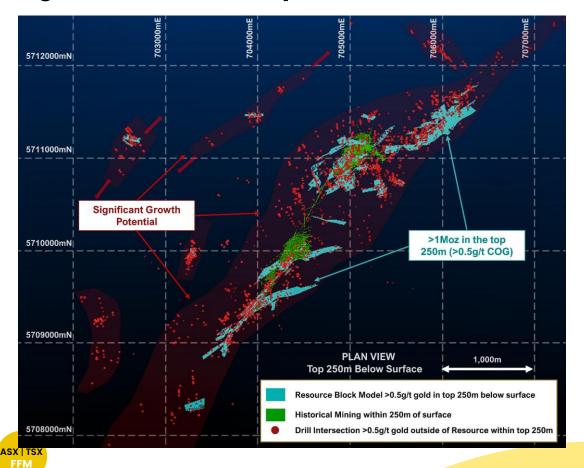


Pickle Crow Gold Deposit is surrounded by World-Class Gold Mines





Significant Shallow Open Pit Potential

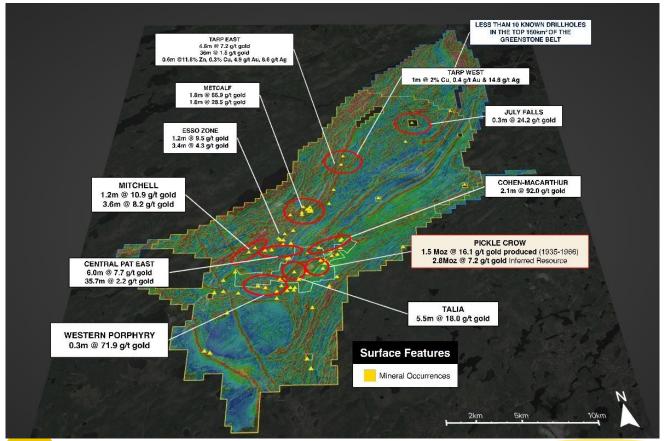




Significant Potential to Grow the 2.8Moz @ 7.2g/t Resource

- 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

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 4 – 2023 Copper Production Data



			WETAES
PROPERTY	CURRENT OWNER	2023 Cu Metal PRODUCTION (Tonnes)	
Ant Hill	Austral Resources	9,267	1. March 2023 Quarterly Report. https://www.australres.com/media/1273/20230414-ar1-austral-march-2023-quarterly-report.pdf?utm_source=ar1+mc&utm_medium=ar1+mc&utm_campaign=ar1+mc
			2. June 2023 Quarterly Report. https://www.australres.com/media/1283/ar1_austral_june_2023_quarterly_report.pdf?utm_source=ar1+mc&utm_medium=ar1+mc&utm_campaign=ar1+mc
			3. September 2023 Quarterly Report. https://www.australres.com/media/1293/2634353.pdf
			4. December 2023 Quarterly Report. https://www.australres.com/media/1297/20240131-ar1-austral-december-2023-quarterly-report.pdf
Antamina	BHP	137,800	1. March 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02656658-3A616851
			2. June 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02688385-3A621870
			3. September 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02726563-3A628557
			4. December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02763530-3A634845
Bingham Canyon	Rio Tinto	151,600	1. 2023 Q4 Quarterly Report. https://cdn-rio.dataweavers.io/-/media/content/documents/invest/financial-news-and-performance/production/2023/rt-2023-4qor-xlsx.xlsx?rev=aad10406fcb14b619b06de87049d483
Capricorn Copper	29 Metals	6,127	1. 2023 Annual Report. https://cdn.prod.website-files.com/640b21824379a3d73f0eecde/6621cfc28e0086ad02ad5d17_2023%20Annual%20Report_29Metals.pdf
Cobar	Metals Acquisition Corp. BHP	36,150	1. 2023 Annual Report. https://s202.q4cdn.com/908723817/files/doc_financials/2023/ar/24-03-28_mac-asx_metals-acquisition-ltd-annual-report_ver-0_for-issue.pdf
Copper South Aust.	BHP	282,000	March 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02556658-3A616851
			2. June 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02688385-3A621870
			3. September 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0file/2924-02726563-3A628557
Cozamin	0	24,340	4. December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02763530-3A634845
Ernest Henry	Capstone Copper Corp. Evolution Mining	43.838	Annual Information Form 2023. https://capstonecopper.com/wp-content/uploads/2024/03/Annual-Information-Form-2023-pdf Annual Information Form 2023-bdf
Escondida	BHP	1,072,500	December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02763211-2A1500142 March 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02656658-3A616851
Escondida	BHP	1,072,500	
			 June 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02688385-3A621870 September 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02726563-3A628557
			3. September 2023 Quarterly Report. https://cdn-apj.markindigital.com/apiman-gateway/x5x/ssx-research1.umler/sb2+-u2/zoobs-3xb2csb5/ 4. December 2023 Quarterly Report. https://cdn-apj.markindigital.com/apiman-gateway/x5x/ssx-research1.umler/sb2+-u2/zoobs-3xb2csb5/ 4. December 2023 Quarterly Report. https://cdn-apj.markindigital.com/apiman-gateway/x5x/ssx-research1.umler/sb2+-u2/zoobs-3xb2csb5/
Eloise	AIC Mines	12.186	4. December 2023 Quariety Report. https://aps.sharelinktechnologies.com/announcemen/ass/deca4ff2d647d51ae8759b29d0ebc38
Golden Grove	29 Metals	18.096	1. December 2023 Quarter (https://cdn.prod.website-files.com/64012824379843673f0eeacfe6621fct28e0086ad02ad5d17_2023%20Annual%20Report_29Metals.pdf
Mantos Blancos	Capstone Copper Corp.	49,552	1. Acquail Information From 2023. https://capstonecooper.com/involve_roterleviological/capstonecooper.com/invol
Mantoverde	Capstone Copper Corp.	49,552	1. Annual Information Form 2023. https://capstonecopper.com/wp-content/pubads/2/204/03/Annual-Information-Form 2023.https://capstonecopper.com/wp-content/pubads/2/204/03/Annual-Information-Form 2023-pdf
MATSA	Sandfire Resources	57.951	1. March 10033 Quarterly Report. https://srt.ive.irmau.com/site/pdf/c84360dc5588-426-bdca-54ad5117e8ad/Sandfire-Var-ch-Q23-Quarterly-Report.pdf
WATOA	Sandille Resources	37,331	Maich 2023 Quarterly Report, https://sin.inve.ininau.com/site/pdi/6af004br-7636-4361-b659-7e911eb0255e/Sandfire-June-2023-Quarterly-Report.pdf June 2023 Quarterly Report, https://sin.inve.ininau.com/site/pdi/6af004br-7636-4361-b659-7e911eb0255e/Sandfire-June-2023-Quarterly-Report.pdf
			2. September 2023 Quarterly Report. https://sfr.live.imau.com/site/pd/i878de2b1-48ca-4965-8e6a-193be92a2913/Sandfire-September-2023-Quarterly-Report.pdf
			4. December 2023 Quarterly Report. https://srf.iive.immau.com/site/pdf/569228bb-ed66-4505d-8308-d96f90323bd1/Sandfire-December-2023-Quarterly-Report.pdf
North Qld / Mt Colin	Aeris Resources	7,110	Bell Potter Unearthed Conference Presentation. https://clients3.weblink.com.au/od/AlS/02771913.odf
Northparkes	Evolution Mining (80%)	26,750	ASX Release Northparkes Site Visit Presentation_https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02818667-2A1529779
Nova-Bollinger	IGO	10,315	March 2023 Quarterly Activities Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02659135-6A1147156
		1 77	2. June 2023 Quarterly Activities Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02691736-6A1160749
			3. September 2023 Quarterly Activities Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02732115-6A1177232
			4. December 2023 Quarterly Activities Report. https://cdn-api.markitdiqital.com/apiman-qateway/ASX/asx-research/1.0/file/2924-02767304-6A1191721
Oyu Tolgoi	Rio Tinto	168,100	1, 2023 Q4 Quarterly Report, https://cdn-rio.dataweavers.io/-/media/content/documents/invest/financial-news-and-performance/production/2023/rt-2023-4qor-xlsx.xlsx?rev=aad10406fcb14b619b06de87049d483
Pampa Norte	BHP	279,600	1. March 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02656658-3A616851
			2. June 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02688385-3A621870
			3. September 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02726563-3A628557
			4. December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02763530-3A634845
Pinto Valley	Capstone Copper Corp.	55,090	1. Annual Information Form 2023. https://capstonecopper.com/wp-content/uploads/2024/03/Annual-Information-Form-2023pdf



Appendix 4 – 2023 Copper Production Data (cont) FireFly

PROPERTY	CURRENT OWNER	2023 Cu Metal PRODUCTION (Tonnes)	SOURCE DATA
Sierra Gorda	South 32 (45%)	64,400	 March 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02657109-6A1146280
			June 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02689129-6A1159433
			 September 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02728334-6A1175483
			 December 2023 Quarterly Report. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02764222-6A1190270
Tritton	Aeris Resources	17,205	1. Bell Potter Unearthed Conference Presentation, https://clients3.weblink.com.au/pdf/AIS/02771913.pdf



Appendix 5 - References: 'Green Bay Copper & Gold - A Company Making Project'



Number	FOOTNOTES
1	Resources for McIlvenna Bay are calculated under the Canadian NI 43-101 standards and are regarded as Foreign Estimates. Resources for Green Bay, Cobar and Ernest Henry Projects are reported under JORC Code 2012.
2	Source: FireFly Metals' ASX release dated 29 October 2024.
3	Please note that proportional equivalent metal for resources are not ore reserves and do not represent the value of what can be mined. Proportional equivalent resource values are calculated using commodity prices as follows: Cu: US\$8,500/t, Zn: US\$2,500/t, Pb: US\$2,230/t, Au: US\$2,000/oz, Ag: US\$25/oz.
4	Source: FireFly Metals' ASX release dated 31 August 2023.
5	Source: Foran Corporate Presentation July 2024. Available here: https://foranmining.com/wp-content/uploads/2022/09/Foran-Corporate-Presentation.pdf
6	Source: McIlvenna Bay Feasibility Study, April 2022. Available here: https://foranmining.com/wp-content/uploads/2022/04/McIlvenna-Bay-Feasibility-Study.pdf
7	Source: Metals Acquisition Corp.'s ASX release dated 23 April 2024 titled 'Updated Resource and Reserve Statement and Production Guidance'. Please refer to this announcement for disclosures on the parameters used to calculate the mineral resource estimate. https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/1.0/file/2924-02798100-6A1203769&v=4015c7b87631faf94ecd96975272ff9ad5cb14c3
8	Source: Metals Acquisition Corp.'s 2023 Annual Report. Available here: https://s202.q4cdn.com/908723817/files/doc_financials/2023/ar/24-03-28_mac-asx_metals-acquisition-ltd-annual-report_ver-0_for-issue.pdf
9	Source: Metals Acquisition Corp.'s News release dated 16 June 2023. Available here: https://www.metalsacquisition.com/investor-relations/news/news-details/2023/Metals-Acquisition-Limited-Closes-Purchase-of-the-CSA-Copper-Mine/default.aspx . Purchase price assumes a 0.65 AUD:USD exchange rate. Total number does not include the USD\$150M in future potential contingency payments.
10	Source: ASX Announcement 17 August 2023 Titled 'Further Increase to Ernest Henry Resource'. https://evolutionmining.com.au/wp-content/uploads/2023/08/2591942_Further-Increase-in-Ernest-Henry-Mineral-Resource.pdf
11	Source: Ernest Henry FY23 Fact Sheet. Available here: https://evolutionmining.com.au/storage/2023/10/Ernest-Henry-fact-sheet-FY23F.pdf
12	Source: Evolution's FY23 Annual Report. Available here: https://evolutionmining.com.au/storage/2023/10/2625444-2023-Annual-Report.pdf
13	Source: Evolution's ASX releases dated 24 August 2016 (available here: https://evolutionmining.com.au/wp-content/uploads/2016/08/1585478_Acquisition-of-Economic-Interest-in-EH.pdf) and 17 November 2021 (available here: https://evolutionmining.com.au/wp-content/uploads/2021/11/2302087_EVN-secures-full-ownership-of-Ernest-Henry-1.pdf)



Appendix 6- External Company Resources & Reserves



FORAN Mineral Resources – Foran Mining McIlvenna Bay Project¹

Mellyenne	N	/leasure	d	ı	ndicated	Ŀ	T	OTAL M	d	McIlvenna		Inferred		м
McIlvenna	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Menverna	Tonnes	Grade	Metal	IVI
Copper		-	-		1.2 %	469kt		1.2 %	469kt	Copper		0.94	47kt	C
Zinc		-	-		2.16 %	844kt		2.16 %	844kt	Zinc		2.56	129kt	Ziı
Lead	-	-	-	39.1Mt	0.14 %	55kt	39.1Mt	0.14 %	55kt	Lead	5.1Mt	0.17	8.5kt	G
Gold		-	-		0.41 g/t	515koz		0.41 g/t	515koz	Gold		0.27	44koz	Si
Silver		-	-		14.0 g/t	18.1Moz		14.0 g/t	18.1Moz	Silver		15.9	2.6Moz	

Mineral Reserve Estimate-Foran Mining McIlvenna Bay Project^{2,3}

					/	,-				
McIlvenna	Proven			Probable			TOTAL MINERAL RESERVE			
	McIivenna	Tonnes	Grade	Metal	Tonnes	Grade	Metal	Tonnes	Grade	Metal
	Copper		-	-		1.23 %	316kt	25.7Mt	1.23 %	316kt
	Zinc	_	-	-		2.39 %	614kt		2.39 %	614kt
	Gold		-	-	25.7Mt	0.47 g/t	388koz		0.47 g/t	388koz
	Silver		-	-		15.3 g/t	12.6Moz		15.3 g/t	12.6Moz

METALS ACQUISITION Mineral Resources - Metals Acquisition Corp. Cobar Project⁴

Cobar		Measure	d	I	ndicated	t
Cobai	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Copper	10.1Mt	4.9%	500kt	6.4Mt	4.5%	285kt
Silver	IO.IIVIC	19.0q/t	6.2Moz	0.4WIL	15.0q/t	3.1Moz

	Inferred	
Tonnes	Grade	Metal
3.6Mt	5.4%	196kt
J.UIVIL	21.0a/t	2 4Moz

=								
	TO	TOTAL M, I & Inf						
Cobar	Tonnes	Grade	Metal					
Copper	20.2	4.9%	981kt					
Silver	20.2	18.0g/t	11.7Moz					

Ore Reserve Estimate – Metals Acquisition Corp. Cobar Project⁴

				-,		
		Proved			Probable)
Cobar	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Copper	8.3Mt	3.5%	293kt	6.6Mt	3.1%	201kt
Silver	O.SIVIL	14.0g/t	3.9Moz	0.0IVIL	11.0g/t	2.4Moz

TOTAL N	IINERAL	RESERV
Tonnes	Grade	Meta
	3.3%	494k
14.9Mt	13.0g/t	6.2Mc



Mineral Resources – Evolution Mining Ernest Henry Project⁵

Ernest	N	/leasure	d	I	ndicated	k
Henry	Tonnes	Grade	Metal	Tonnes	Grade	Metal
Copper	35.0Mt	1.31%	458kt	35.0Mt	1.29%	450kt
Gold	35.UML	0.75g/t	847koz	35.UML	0.76g/t	852koz

Inferred								
Tonnes	Grade	Metal						
31.5Mt	1.15%	363kt						
	0.66g/t	668koz						

		TALM, I &	lun f
Ernest Henry		Grade	
Copper		1.25%	1,271kt
Gold	101.5Mt	0.73g/t	2,368koz

Ore Reserve Estimate – Evolution Mining Ernest Henry Project⁶

Ernest		Proved		Probable			
Henry	Tonnes	Grade	Metal	Tonnes	Grade	Metal	
Copper	26.5Mt	1.08%	287kt	50.9Mt	0.59%	302kt	
Gold	26.5Mt	0.62g/t	527koz		0.36g/t	582koz	

TOTAL	TOTAL MINERAL RESERV						
Tonnes	Grade	Meta					
77.4Mt	0.76%	589kt					
//.4IVIL	0.45g/t	1,109kc					

- 1. Source: Foran Mining's corporate presentation dated July 2024. Please refer to this presentation for disclosures on the parameters used to calculate the mineral resource estimate. https://foranmining.com/wp-content/uploads/2022/09/Foran-Corporate-Presentation.pdf. Effective date 6 September 2021. Above tables do not include Ore Reserves reported by Foran Mining. Prepared in accordance with JoRC 2012. A competent person has not done sufficient work to classify the foreign estimate as a mineral resource with JORC code 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.
- 2. Source: Foran Mining's corporate presentation dated July 2024. https://foranmining.com/wp-content/uploads/2022/09/Foran-Corporate-Presentation.pdf.
- 3. Source: Mclivenna Bay Feasibility Study, April 14 2022. Please refer to this report for disclosures on the parameters used to calculate the mineral reserve estimate. Effective date is the 28th February 2022. Mineral reserves reported by Foran Mining were prepared in accordance with JORC Code 2012. A competent person has not done sufficient work to classify the foreign estimate as an Ore Reserve in accordance with JORC 2012 and it is uncertain that following further evaluation work that the foreign estimate will be able to be reported as an Ore Reserve under the JORC Code 2012. https://foranmining.com/wor_content/upocats/2022/04/Mclivenma-Bay-Feasibility-Study.pdf
- Source: Metals Acquisition Corp.'s ASX release dated 23 April 2024 titled 'Updated Resource and Reserve Statement and Production Guidance'. Please refer to this announcement for disclosures on the parameters used to calculate the Mineral Resource and Ore Reserve estimates. <a href="https://cdn-api.markitdigital.com/apiman-gateway/ASX/asx-research/to/file/2924-02798100-6Al203769&v=4015c7b8763lfai94ecd96975272ff9ad5cbl4c3. Effective date 31 August 2021. Both Mineral Resources and Ore Reserves have been prepared in accordance with JORC Code 2012.
 Source: Evolution Mining's ASX release dated 17 August 2023 titled 'Further Increase in Ernest Henry Mineral Resource'. Please refer to this announcement for disclosures on the parameters used to calculate the mineral resource estimate. https://cdn-api.markitdigital.com/apiman-apima
- acteway/ASX/asx-research/1.0/file/2924-02798100-6A1203769&v=4015c7b87631faf94ecd96975272ff9ad5cb14c3. Effective date 30 June 2023. Above tables do not include Ore Reserves reported by Evolution Mining. The Mineral Resource has been prepared in accordance with JORC Code 2012.
- 6. Source: Evolution Mining's ASX release dated 5 June 2023 titled 'Ernest Henry Mine Life Extended to 2040 Ore Reserves Doubled". The Effective date is at June 2023. Please refer to this announcement for disclosures on the parameters used to calculate the Ore Reserve estimate.

 The Ore Reserve has been prepared in accordance with the JORC Code 2012. https://evolutionmining.com.au/wp-content/uploads/2023/06/2561152_Ernest-Henry-mine-life-extended-to-2040.pdf

Appendix 7 – Supplementary Information for slide titled 'Excellent Ground Conditions'



PROPERTY	LOCATION	CURRENT OWNER			SOURCE DATA
Young- Davidson Mine (YD)	Ontario, Canada	Alamos Gold Inc.	- U		Alamos Gold Inc. website states YD is a gold mine. https://www.alamosgold.com/operations/producing-mines/young-davidson-
			Commodity	Gold	<u>canada/default.aspx</u>
			Project Stage	Producing Mine	Alamos Gold Inc. website states YD is a producing mine. https://www.alamosgold.com/operations/producing-mines/young-davidson-canada/default.aspx
			Production Rate	2024 Estimate: 180- 195koz	Alamos Gold Inc. corporate presentation dated July 2024 https://s24.q4cdn.com/779615370/files/doc_presentations/2024/07/Alamos-Gold-Corporate-Presentation_July-19-2024.pdf
			Mineral reserves (Proven & Probable)	43.9Mt @ 2.31g/t for 3.26Moz gold	Alamos Gold Reserve and Resource statement as at December 31, 2023. https://s24.q4cdn.com/779615370/files/doc_downloads/2024/07/Alamos_2023-Reserve-Resource_July-2024-Update_Final.pdf
			Mineral resources exclusive of reserves – Measured & Indicated	11.6Mt @ 3.01g/t for 1.13Moz gold	Alamos Gold Reserve and Resource statement as at December 31, 2023. https://s24.q4cdn.com/779615370/files/doc_downloads/2024/07/Alamos-2023-Reserve-Resource_July-2024-Update_Final.pdf
			Mineral resources exclusive of reserves – Inferred	1.4Mt @ 3.26g/t for 0.15Moz gold	Alamos Gold Reserve and Resource statement as at December 31, 2023. https://s24.q4cdn.com/779615370/files/doc_downloads/2024/07/Alamos-2023-Reserve-Resource_July-2024-Update_Final.pdf
			Mine Depth	~1,488.8m	Current mine depth (approximate) of the Young-Davidson mine based on the long section presented in the Alamos Gold Inc.corporate presentation dated July 2024. https://s24.q4cdn.com/779615370/files/doc_presentations/2024/07/Alamos-Gold-Corporate-Presentation_July-19-2024.pdf
			Open at depth?	Yes	As per ASX request, FireFly can confirm the presence of 'open' arrows on the long section of the Young Davidson mine presented in the Alamos Gold corporate presentation (slide 36) dated July 2024. https://s24.q4cdn.com/779615370/files/doc_presentations/2024/07/Alamos-Gold-Corporate_Presentation_July-19-2024.pdf. This information was requested by the ASX. The purpose of the slide that this table references is to compare mining depths at the individual Alamos asset, the Young-Davidson mine, and the current depth of the FireFly Metals Ming Mine. Investors should be cautioned that a competent person as defined by the JORC Code (2012) edition has not done sufficient work to determine if the open arrows are justified, hence they were not included in the original slide.
			Company Market Capitalisation	C\$9,581.4M	Market capitalisation in Canadian dollars as at close on Friday 26 July – Share Price C\$22.83. This information was requested by the ASX for inclusion in the references. The slide this table references was purposed to compare mining depths at the individual Alamos asset, Young-Davidson mine, and the current depth of the FireFly Metals Ming Mine. Alamos Gold is a multi-asset gold producing company so investors are cautioned not rely on direct comparisons between the market capitalisation of FireFly Metals and Alamos Gold.
			Image on Slide	Long Section	Long section of the Young-Davidson mine modified from image released in the corporate presentation dated July 2024 https://s24.q4cdn.com/779615370/files/doc_presentations/2024/07/Alamos-Gold-Corporate-Presentation_July-19-2024.pdf
	Ontario, Canada	Glencore Canada	Commodity	Zinc, Copper, Silver	Glencore Resources and Reserve report as at December 31 2023. https://www.glencore.com/.rest/api/v1/documents/static/a53e27b1-6025-4ef2-9be8-f3be543dfb26/GLENCORE-Resources-and-Reserves-report-2023.pdf
			Project Stage	Producina Mine	Glencore Canada Website. https://www.glencore.ca/en/kidd/
			Production Rate	2023 Actual Production: 38.6kt Zinc, 22.6kt Cu & 1.4Moz Aa	Glencore Full-Year 2023 Production report dated 1 February 2024. https://www.glencore.com/.rest/api/v1/documents/static/f2f3f568-9437-4c55-bcb6-49d2fc96d305/GLEN_2023-FY_ProductionReport.pdf
			Mineral reserves (Proven & Probable)	2.5Mt @ 3.12% Zn, 1.44% Cu and 38a/t Aa	Glencore Resources and Reserve report as at December 31 2023. https://www.glencore.com/.rest/api/v1/documents/static/a53e27b1-6025-4ef2-9be8-f3be543dfb26/GLENCORE-Resources-and-Reserves-report-2023.pdf
Kidd			Mineral resources exclusive of reserves – Measured & Indicated	4.6Mt @ 3.18% Zn, 1.43% Cu and 38a/t Aa	Glencore Resources and Reserve report as at December 31 2023. https://www.glencore.com/.rest/api/v1/documents/static/a53e27b1-6025-4ef2-9be8-f3be543dfb26/GLENCORE-Resources-and-Reserves-report-2023.pdf
Creek Mine			Mineral resources exclusive of reserves – Inferred	No Inferred resources reported	Glencore Resources and Reserve report as at December 31 2023. https://www.glencore.com/.rest/api/v1/documents/static/a53e27b1-6025-4ef2-9be8-f3be543dfb26/GLENCORE-Resources-and-Reserves-report-2023.pdf
			Mine Depth	~3.000m	Glencore Canada Website. https://www.glencore.ca/en/kidd/about-us/deep-mining
			Open at depth?	Unknown	Insufficient information available
			Company Market Capitalisation	C\$93,656.3M	Market capitalisation in Canadian dollars as at close on Friday 26 July – Share Price C\$7.71. This information was requested by the ASX for inclusion in the references. The slide this table references was purposed to compare mining depths at the individual Glencore asset, Kidd Creek mine, and the current depth of the FireFly Metals Ming Mine. Glencore is a multi-asset, multi-commodity and multi-jurisdictional company. Investors are cautioned not rely on direct comparisons between the market capitalisation of FireFly Metals and Glencore plc.
			Image on Slide	Long Section	Modified from Smith (2017), Thesis titled 'Retrospective Analysis of Mine Seismicity: Glencore, Kidd Creek Mine. https://www.researchgate.net/publication/325531275_retrospective_Analysis_of_Mine_Seismicity_Glencore_Kidd_Mine/link/5b129a084585150a0 a6185b3/download?_tp=eyJib2502Xh0lip7lm75pcnN0UGFnZ5l6il9kaXJlY3Qilc.UnyWdllipicHVibGi[YXRpb24ilcJwcmV2aW9lclBhZ2UiOiJfZGIyZWN0In]9

Appendix 7 – Supplementary Information for slide titled 'Excellent Ground Conditions'



PROPERTY	LOCATION	CURRENT OWNER			SOURCE DATA
	Quebec, Canada		Commodity	Gold, Silver, Zinc, Copper	Agnico Eagle website, https://www.agnicoeagle.com/English/operations/operations/laronde/default.aspx
			Project Stage	Producing Mine	Agnico Eagle Website, https://www.agnicoeagle.com/English/operations/operations/laronde/default.aspx
LaRonde		Agnico Eagle	Production	2023 Actual production: 307koz Au, 588koz Ag, 7,663t Zn and 2.543t Cu	Agnico Eagle website, https://www.agnicoeagle.com/English/operations/default.aspx
			Mineral Reserves (Proven & Probable)	19.9Mt @ 4.51g/t for 2.88Moz gold	Agnico Eagle Mines Limited Detailed Mineral Reserve and Mineral Resource Data (as at December 31, 2023). https://s21.q4cdn.com/374334112/files/doc_downloads/agnico_downloads/RnE_ Tables/2023/ye_2023_mrmr_pdf_for_aem_website_march_5_2024_v2.pdf
			Mineral Resources exclusive of reserves – Measured & Indicated	17.0Mt @ 2.57g/t for 1.4Moz gold	Agnico Eagle Mines Limited Detailed Mineral Reserve and Mineral Resource Data (as at December 31, 2023). https://s21.q4cdn.com/374334112/files/doc_downloads/agnico_downloads/RnR- Tables/2023/ye_2023_mrmr_pdf_for_aem_website_march_5_2024_v2.pdf
			Mineral Resources exclusive of reserves – Inferred	12.0Mt @ 3.68g/t for 1.4Moz gold	Agnico Eagle Mines Limited Detailed Mineral Reserve and Mineral Resource Data (as at December 31, 2023). https://s21.q4cdn.com/374334112/files/doc_downloads/agnico_downloads/RnF- Tables/2023/ye_2023_mrmr.pdf_for_aem_website_march_5_2024_v2.pdf
			Mine Depth	3,050m	From asset composite longitudinal section https://s21.q4cdn.com/374334112/files/doc_downloads/GeologyMaps/2023/5_LaRonde- Complex-Composite-Longitudinal-Sections.png
			Open at depth?	Yes	As per ASX request, FireFly can confirm the presence of 'open' arrows on the long section of the LaRonde mine presented on the Agnico Eagle website, which indicates the deposit remains open at depth. https://s2l.q4cdn.com/37433412/files/doc_downloads/GeologyMaps/2023/5_LaRonde-Complex-Composite-Longitudinal-Sections.png This information was requested by the ASX. The purpose of the slide that this table references is to compare mining depths at the individual LaRonde asset, and the current depth of the FireFly Metals Ming Mine. Investors should be cautioned that a competent person as defined by the JORC Code 2012 has not done sufficient work to determine if the open arrows are justified, hence they were not included in the original slide.
			Company Market Capitalisation	С\$50,736.6М	Market capitalisation in Canadian dollars as at close on Friday 26 July – Share Price C\$101.64 This information was requested by the ASX for inclusion in the references. The slide this table references was purposed to compare mining depths at the individual Agnico Eagle asset, La Ronde mine, and the current depth of the FireFly Metals Ming Mine. Agnico Eagle is a multi-asset, multi-commodity and multi-jurisdictional company. Investors are cautioned not rely on direct comparisons between the market capitalisation of FireFly Metals and Agnico Eagle.
			Image on Slide	Long section	Modified from composite longitudinal long section provided on the Agnico Eagle website. https://s21.q4cdn.com/374334112/files/doc_downloads/GeologyMaps/2023/5_LaRonde-Complex-Composite-Longitudinal-Sections.png

^{1.} The resources and reserves are foreign estimates that have been prepared in accordance with Canadian NI 43-10I and have not been reported in accordance with the JORC Code 2012. A competent person has not done sufficient work to classify the foreign estimates in accordance with the JORC Code 2012 and it is uncertain that following evaluation and or further exploration that a foreign estimate will be able to be reported in accordance with the JORC Code 2012.

