

PIVOTAL METALS LTD
Investor Presentation

**ASX:PVT** 

April 2025

**BUILDING A COPPER BUSINESS IN THE** WORLDS BEST MINING JURISDICTION

# **Disclaimers**



The release, publication or distribution of this presentation in certain jurisdictions may be restricted by law and therefore persons in such jurisdictions into which this presentation is released, published or distributed should inform themselves about and observe such restrictions.

DISCLAIMER: The material in this presentation has been prepared by Pivotal Metals Limited ABN 49 623 130 987 ("PVT", "the Company" or "Pivotal") and is general information about the Company's activities current as at the date of this presentation. This information is given in summary form and does not purport to be complete. The material contained in this presentation may include information derived from publicly available sources that have not been independently verified. Information in this presentation should not be considered as advice or a recommendation to investors or potential investors in relation to holding, purchasing or selling securities or other financial products and does not take into account your particular investment objectives, financial situation or needs. Before acting on any information you should consider the appropriateness of the information having regard to these matters, any relevant offer document and in particular, you should seek independent financial advice. No representation or warranty is made as to the accuracy, completeness or reliability of the information. All securities and financial product or instrument transactions involve risks, which include (among others) the risk of adverse or unanticipated market, financial or political developments.

**FORWARD LOOKING STATEMENTS:** Various statements in this presentation constitute statements relating to intentions, future acts and events. Such statements are generally classified as "forward looking statements" and involve known and unknown risks, uncertainties and other important factors that could cause those future acts, events and circumstances to differ materially from what is presented or implicitly portrayed herein. Prospective shareholders should not place undue reliance on these words such as "anticipates", "expects", "intends", "plans", "believes", "seeks", "estimates" and similar expressions that are intended to identify forward-looking statements. PVT cautions shareholders and prospective shareholders not to place undue reliance on those forward-looking statements, which reflect the view of PVT only as of the date of this presentation. The forward-looking statements made in this presentation relate only to events as of the date on which the statements are made.

**COMPETENT PERSONS:** Exploration information in this presentation has been reviewed by Paul Nagerl, a Professional Geologist Ordre des géologues du Québec OGQ PGeo and consultant of Pivotal Metals. He has sufficient experience which is relevant to the style of mineralisation and types of deposits under consideration and to the activity being undertaking to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code). Paul Nagerl has consented to the inclusion in this report of the matters based on this information in the form and context in which it appears.

The information in this presentation that relates to the Horden Lake mineral resource estimate has been prepared and reported in accordance with the JORC Code (2012). The information in the Report that relates to Technical Assessment of the Mineral Assets or Exploration Results is based on information compiled and conclusions derived by Dr. Jobin-Bevans and Mr. Simon Mortimer, both Competent Persons as defined by JORC Code (2012). The Authors have sufficient experience that is relevant to the Technical Assessment of the Mineral Assets under consideration, the style of mineralisation and types of deposit under consideration and to the activity being undertaken to qualify as a Practitioner as defined in the 2015 Edition of the "Australasian Code for Public Reporting of Technical Assessments and Valuations of Mineral Assets", and as a Competent Person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". The Company confirms that it is not aware of any new information or data that materially affects the results included in the original market announcements referred to in this presentation and that no material change in the results has occurred. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Some information in this presentation that relates to the Belleterre-Angliers project has been extracted from various reports presented and reviewed by John Paul Hunt Pr.Sci.Nat.Geol. M.Sc, who has sufficient experience which 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 JORC Code. John Paul Hunt is a Member of the South African Council for Natural Scientific Professions and a Fellow of the Geological Society of South Africa and is Principal Exploration Geologist of SRK Exploration Services Limited. The Company confirms that it is not aware of any new information or data that materially affects the results included in the original market announcements referred to in this presentation and that no material change in the results has occurred. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

# **Investment Highlights**



## **Quality Cu-Ni-PGM**



#### **Horden Lake**

Advanced Cu-Ni-PGM: +200kt Cu<sup>1</sup> / +400kt CuEq Majority in-pit. Substantial exploration upside.

#### **BAGB**

Multiple bonanza Ni, Cu, PGE and Au grades in core Large package, intensive system potential

## **Copper Focus**



#### **Universally Bullish Outlook for Copper**

Demand case is very robust. Big questions on supply.

Lack of credible advanced projects on ASX

#### **Critical Metals Tail-winds**

Designation supports the biggest challenges:

Permitting, and financing

## **Quebec Location**



#### Flow Through Shares

Large premium financings for project expenditure<sup>1</sup> Structure lowers dilution with no overhang risk

#### **Global Top Jurisdiction**

Established operating and regulatory environment Extensive infrastructure, low-cost power.

## **Re-Rate Catalysts**



#### **News-flow**

Met work and resource update

Additional exploration: geophysics, drilling

#### **Funded, with Attractive Valuation**

~\$7m market cap with ~\$3m cash² (<\$10/t CuEq) Strong assets, discounted against sector also at cyclical lows

31 Dec 2024

L. Includes ~45% inferred resources. Refer appendix for CuEq and resource details, and ASX announcement dated 16 November 2022 for full JORC disclosure.

# **Project Highlights**

Quality base with exciting exploration leverage



#### Horden Lake 100% PVT

Large metal endowment. Over 200kt Cu<sup>1/</sup>400kt CuEq

Robust grade 28mt<sup>1</sup> @ 0.73% Cu (1.5% CuEq) incl. in-pit 17mt @ 1.38% CuEq

**Low risk exploration upside.** Drilling has expanded mineralised envelope. Resource update pending.

Pathway to scale increases. EM shows future drilling should deliver tonnes

High copper recoveries. Clean concentrates and conventional flowsheet

**Open pit potential.** Deposit starts at surface. Lowers capex and start-up risk.

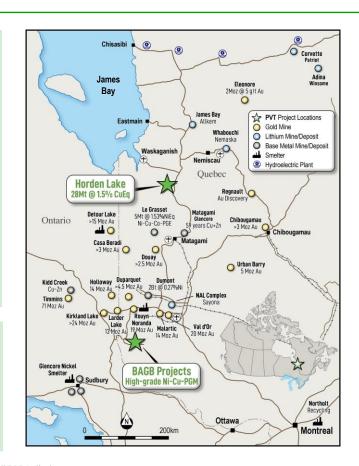
Access to infrastructure. Highway access. Rail. Cheap power. Smelter. Skills.

#### BAGB 100% PVT

Large 157km² greenstone package. Multiple high grade prospects.

Bonanza Ni, Cu, PGE and Au grades already in core

**Targets of scale identified** searching for a major discovery.



# **Quebec - Premier Mining Jurisdiction**

With tangible investment incentives





#### 'Flow-through scheme' tax incentives

Quebec has the highest tax credit in Canada for critical metals exploration Up to 2x leverage on money raised, without structural overhang



#### Access to low-cost renewable energy

Quebec grid is 99% renewable. Among the lowest power costs globally 100% renewable power for low ESG footprint



#### **Excellent infrastructure network**

Biggest power grid in north America. Highway within 10km of the project Rail to local smelters or export ports



#### Direct and tangible government assistance

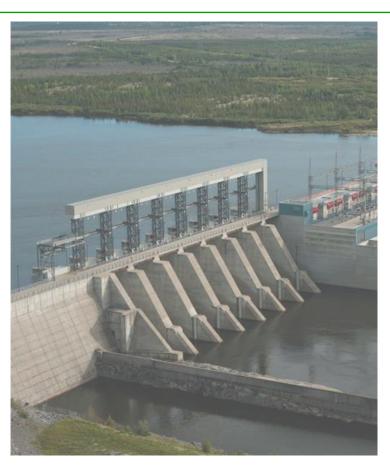
\$1B Natural Resource and Energy Fund for direct equity investment Centralised coordination of mining permitting processes



## Mature and stable operating jurisdiction

Fraser Institute Global #5 Investment Attractiveness Index

Prolific cluster of projects, mines and smelters, directly employs 19,000 people in Quebec



## Copper

## Strong supply / demand fundamentals set

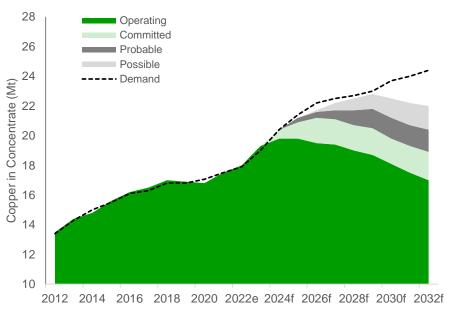


Copper demand growth remains strong

**Shifts to electrification** builds on huge industrial demand case from developing world

Pipeline of projects not in position to meet demand

**3-5mt supply gap by 2030.** Equates to 13-25% entire 2023 global production!



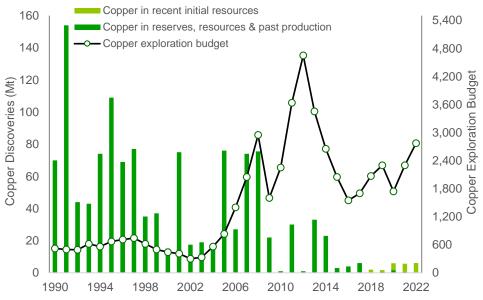
Project discovery at all-time lows

**Geological return** on exploration spend is at all-time lows

**Unknown supply** risk is low. Not like lithium

**Pipeline** is not being filled

**Existing discoveries** are required to supply metal to the world





# **Horden Lake**

- Advanced Cu-Ni-PGM Project
- Already 28Mt<sup>1</sup> @ 0.73% Cu / 1.5% CuEq
- Substantial Exploration Upside



The Company confirms that it is not aware of any new information or data that materially affects the information included in this presentation and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

## **Horden Lake**

Asset of scale with upside being unlocked

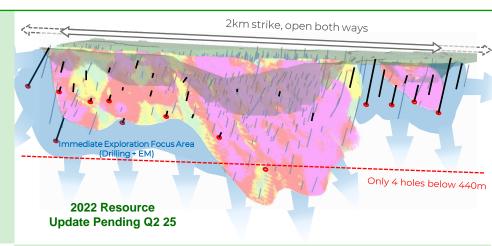


## 2022 MRE<sup>1</sup>: **27.8 mt @ 1.49 % CuEq**

- ✓ **Cu 0.73%, Ni 0.22%,** 0.19 g/t Pd, 0.08 g/t Au
  - √ 200kt Cu contained, ~400kt CuEq
    - √ 55% indicated category
  - √ 17.4mt @ 1.38% CuEq in open pit shell
    - Resource update Q2 25

## **Exploration Has Delivered**

- ✓ First Exploration program in a decade
- ✓ Grade: by-product assays in every hole
- ✓ **Tonnes:** Step-out clearly expanding resources
- ✓ Scale: DHEM mapping obvious upside pathway
- ✓ Regional targets leveraging the project potential



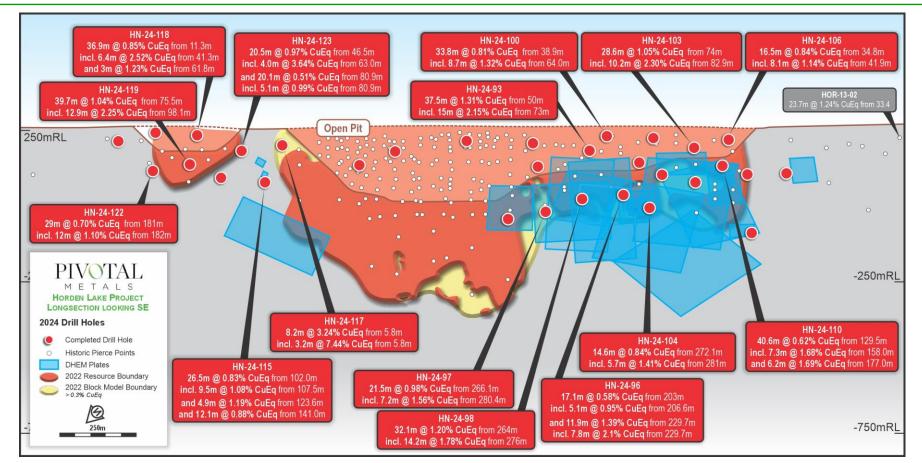
## **Value Case Firming**

- ✓ **Starts at surface.** Open at depth & along strike
- ✓ **Final met testwork** firming up exploitable value
  - ✓ Resource update to capture upside
  - ✓ **Regional EM survey** refining growth targets
    - ✓ **Drilling** to continue discovery
    - ✓ **Deposit is open** in all directions

# **Step-outs and DHEM delivered in 2024**

Substantial exploration upside defined

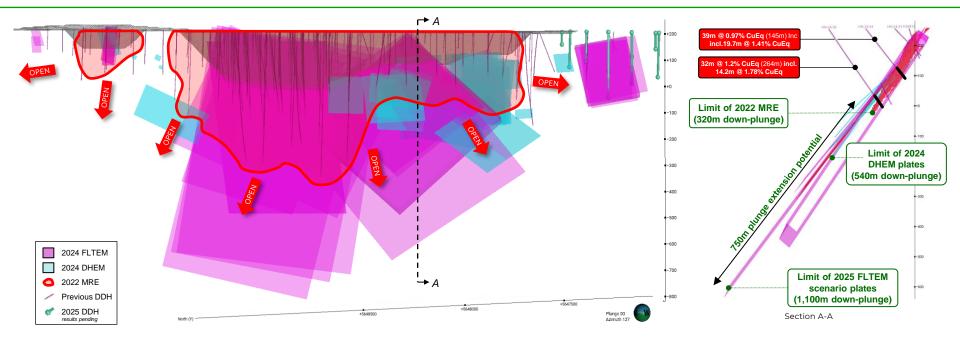




# **FLTEM Shows Major Scale Potential**

Undrilled targets, up to 1200m down-plunge extent





Major EM anomalies down-plunge and along-strike massively expand the upside potential of the project

Refer ASX announcement, 12 February 2025,

# **2025 Drilling**

Priority near-term open pit extension potential



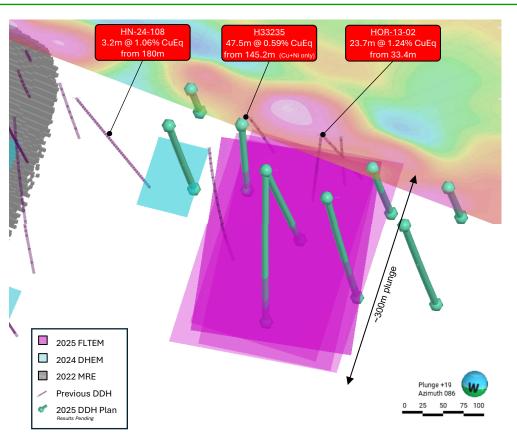
#### **Step-out Drilling Complete - ASSAYS PENDING**

- √ 1,557m drilled in Q1 2025
- √ Focus on shallow open pit resource potential

#### **Target: Major EM anomaly identified in 2025**

- ✓ Extends strike extent +500m / 20%
- ✓ Matching plunge and magnetic signature to Horden

  Lake main zone
- Historic drilling missed anomaly centre, but showed wide zones and high grades



# **Regional Potential**

To make additional discoveries

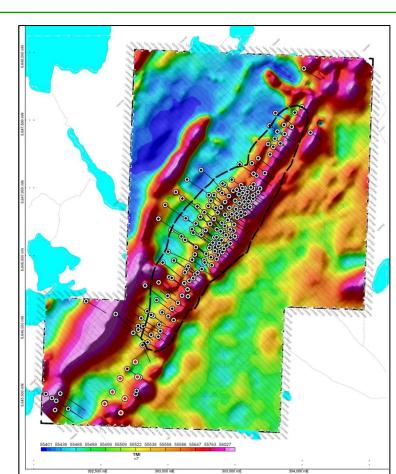


#### Magnetics demonstrate scale opportunity

- ✓ Clear extensions along strike
- ✓ Repeating of structure to the west
- ✓ No, or limited / misplaced, drilling of the key areas for regional growth

#### Pivotal drilled first hole ever into Western trend in 2024

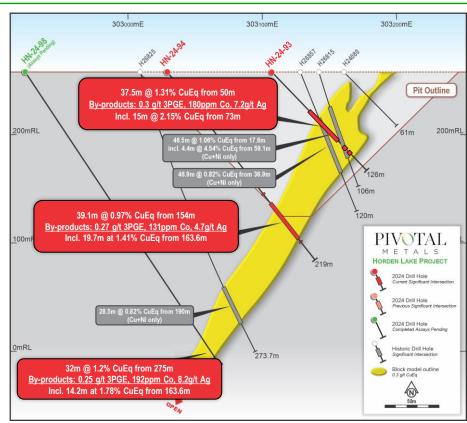
- √ 4 mineralised zones intersected, including
  - 2.2m @ 0.77% CuEq from 10.6m
  - 1.5m @ 0.84% CuEq from 241m
- Magmatic sulphide mineralisation shares similar characteristics of the main Horden Lake zone



# **Byproduct Upside**

Valuable byproducts understated in 2022 MRE

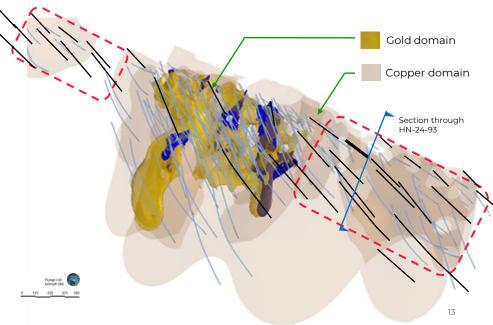




#### Cross section through HN-24-93

#### Infill delivering missing data for metal upside

- ✓ Grade understated in current resource
- ✓ Cu and Ni only in historical drilling
- Proven Au, Pt, Pd, Co, Ag across whole deposit
- Only 4 of 7 metals currently domained in MRE
- ✓ Reported CuEq is only Cu+Ni+Au+Pd



# **Metallurgical Testwork**

Shows attractive NSR potential from conventional flowsheet



#### Copper is the dominant economic driver

- 87-94% Cu total recovery shown in open and closed tests
- High grade concentrate, with substantial byproduct credits
- Fast-floating chalcopyrite, with no deleterious elements

#### Significant byproduct contribution

- High grade nickel con, ~50% recoveries expected
- 50-70% Au, Ag, Pt recoveries across cons

#### Conventional flotation flowsheet established, optimisation next

- No need for expensive and complex hydromet process
- First program. Excellent potential for optimisation

#### Strategic optionality evident

- Clean, byproduct laden cons attractive to smelters & traders
- Substantial precious/PGM revenues stream financing possibility

#### **Conventional Floatation Flowsheet**





✓ Low cost and complexity flotation process



Quebec has among lowest global power costs!



Roughing & Cu Flotation

Separate high-grade Cu and Ni cons with valuable byproducts



 Multiple areas for optimisation with further testwork

Refer ASX announcement 12 March, 2024 "Testwork Confirms Excellent Metallurgy at Horden Lake"

# **Development Considerations**

Conventional project with realistic development hurdles



## 17mt1 @ 1.39% CuEq is pit constrained

- ✓ Low-cost open pit front-end starter, and growing
  - √ Significant underground upside potential

#### Favourable deposit geometry

✓ Amenable to bulk mining techniques

#### Simple metallurgy

- √ High recoveries to clean high-grade concentrates
  - ✓ Conventional flowsheet demonstrated

## Paved highway within 10km

- √ Simplifies exploration
- √ Reduces development capex

#### Access to the Quebec hydro network

✓ Among the cheapest power in the world

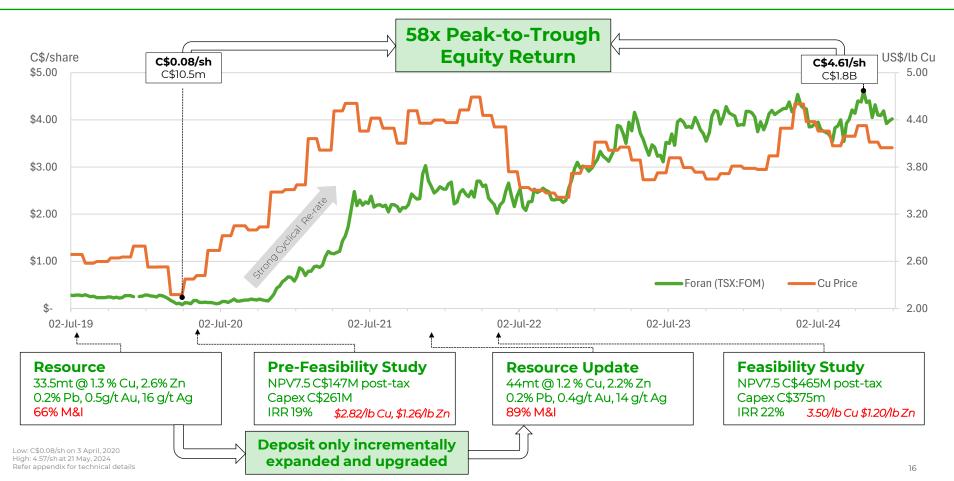
#### Located in a mining jurisdiction

- ✓ Access to labour, contractors and smelters
- ✓ Supportive social and regulatory backdrop

# **Case Study: Foran Mining**









# **BAGB**

- Belleterre-Angliers Greenstone Belt
- Exploration stage
- Advanced prospects with bonanza grades evident
- Targeting anomalies of scale



## **BAGB**

#### Ultra high-grade mineralisation defined



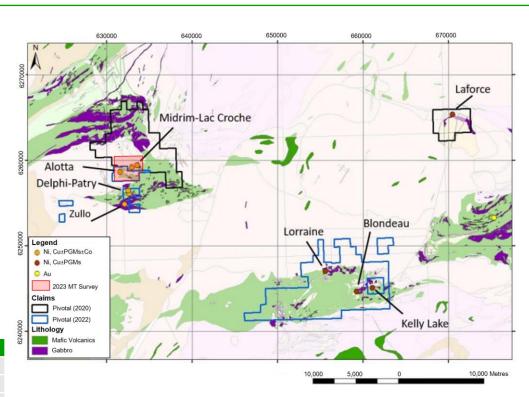
- 157km<sup>2</sup> greenstone belt package with prospective suite of gabbroic intrusives in southern Quebec
- Multiple deposits with bonanza grade Cu-Ni-PGE and Au intersections
- · Historical mining of one deposit
- BUT, previous operators kept targeting the same high grade anomalies in top ~200m

#### **Our Strategy**

- ✓ Target broader intrusive complex that could host substantial massive and semi-massive sulphide accumulations
- ✓ Searching for anomalies and targets of real scale

#### Selected Intercepts for Midrim (MR) and Alotta (ZA)

			,	\ /	
Hole	Interval	Ni (%)	Cu (%)	3E g/t	From
MR 17-01	9.4m	3.5	4.3	4.6	56.6m
MR 00-05	4.3m	6.6	5.2	7.2	57.2m
MR 01-29	18.9m	1.5	2.1	2.4	17.6m
ZA 18-05	11.3m	2.2	2.2	3.1	61.2m
ZA 18-08	9.2m	2.6	2.8	3.6	85.2m
ZA 19-05	17.0m	1.5	2.9	3.3	54.0m

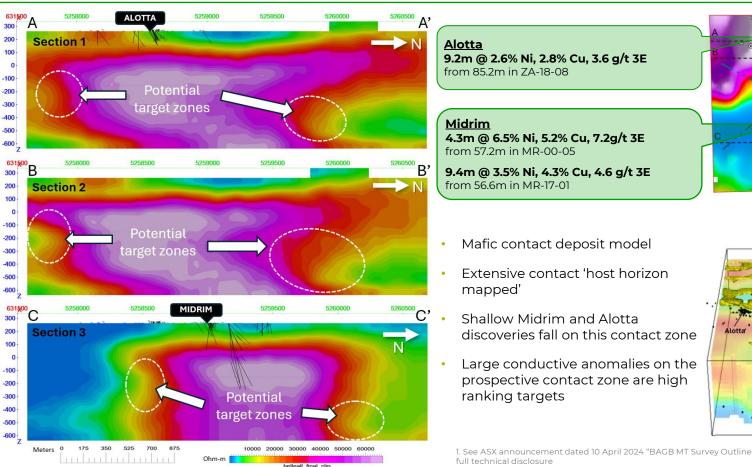


Refer 21 August 2020 "RFR to Acquire High Grade Ni-Cu Projects & Completes Funding" for full technical disclosure
 Refer 24 May 2022 "RFR strengthens PGM-Ni-Cu portfolio in Canada" for full technical disclosure
 Au, Pt, Pd

## **BAGB**

#### Midrim and Alotta – smoke from a very a big fire?





## **Consistent News-Flow**

To continue through 2025





#### **Building Resources**



0-6 months

- Step-out results building tonnes. Assays pending.
- Infill building grade and increasing confidence
- Resource update

#### **Expanding Footprint**



3-9 months

- Drilling EM targets showing growth potential
- BAGB target assessment and field work

#### **Defining Value**



3-12 months

- Metallurgical testwork optimisations
- Engineering evaluations
- Potential economic studies

#### **De-risking Project**



0-24 months

- · Environmental studies, ongoing
- · Community engagement, ongoing

# **Investment Highlights**



#### Copper Value is **Exploration** Premier **Near term** underpinned jurisdiction leverage engine re-rate catalysts Large Cu and Ni Clear deficits Clear path to Quebec is skills and HL drilling, resource forecast, driven by endowment in improve and grow infrastructure rich, update. Project derobust traditional shallow deposit with the Horden Lake with access to the risking. and transitional development resource lowest cost greenest BAGB exploration. demand drivers. credentials. endowment. power on the planet. Obvious lack of Advanced assets BAGB provides Flow Through Major value benefit most in bull high-torque Financing greatly dislocation relative to advanced project pipeline. markets. discovery potential. reduces shareholder other advanced dilution. copper opportunities.

# Appendix

## **Corporate Overview**

#### Committed board, management and shareholders





#### Ivan Fairhall, Managing Director

- Chartered engineer, finance and capital markets professional with 20 years of mining experience.
- Previously CEO of a TSX listed Mawson Gold, which spun out Southern Cross Gold (ASX:SX2).
- Previously Senior Investment Manager with PE fund Greenstone Capital, deploying \$500m into mining pre-development space, with special focus on copper.
- Accomplished project manager with broad commodity and jurisdictional experience.



#### Simon Gray, Independent Non-Executive Chair

- Lawyer with strong background in capital markets.
- Previously sat on Board of Morgans Financial and Shaw and Partners, each being among the largest investment and wealth management firms in Australia.
- Strong corporate governance credentials. Currently Chair of ASX's Appeals Tribunal; and Chair of the ASIC's Markets Disciplinary Panel.



#### Daniel Rose, Independent Non-Executive Director

- Deputy CEO of MCM Partners, a HK Based Asset Management Firm and Boutique Merchant Bank.
- Founder & Lead PM of the MCMIP Commodity Working Capital Fund SP.
- Previously CEO of VTB Capital HK, and long career at Societe Generale in commodity markets.
- Law and Commerce degrees, and brings a sophisticated financial mindset and strong network.



#### Rob Wrixon, Non-Executive Director

- Founder and Director of Starboard Global, a mining venture capital group.
- 20 years in corporate strategy, commodities marketing, mining M&A and exploration management.
- Previously run two listed junior resources companies in Australia, and five years in corporate strategy for Xstrata plc.
- PhD in mineral engineering from the University of California, Berkeley.



#### Paul Nagerl, Exploration Manager

- Quebec based professional senior geologist.
- Previously 17 years with Falconbridge working across global business units focusing on Cu, Ni and PGM projects.
- Also held senior and executive level exploration focused positions from early stage to operating
  environments, building and leading teams in variety of global locations.



Share price – 31 March 2025	\$0.007
Shares on issue	907M
Market Cap (undiluted)	6.3M
Debt	-
Cash (31 Dec)	3M
Enterprise Value	2.7M
Options	68.6
Weighted ave exercise price	A\$0.055
Directors Own	5%
Top 20 Own	51%

- ✓ Directors participating in each raise
- ✓ Long term key shareholder base. Top 20 owns 51%.
- ✓ Financings at a large premium for project expenditure utilising Canadian 'Flow-Through Scheme'

# **Geological Setting – Horden Lake Deposit**

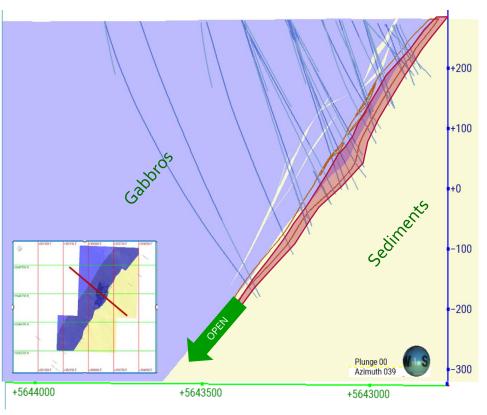
Strong structural control for mineralisation



- Mineralisation style supports good potential for resource extension
- Magmatic sulphide deposit associated with mafic and ultramafic rocks
- Mineralisation occurs along the contact of the gabbroic complex and metasedimentary rocks
- Mineralisation extends to north-east and is open at depth. Two main mineral styles:

Large sulphide blebs to massive sulphide consisting dominantly of pyrrhotite, pentlandite, pyrite and chalcopyrite in shear zones along the contact between gabbro and metasedimentary rocks

Disseminated to blebby pyrrhotite, pentlandite, pyrite and chalcopyrite (locally up to 25% sulphides), prominent in the medium- to coarse-grained gabbro



Section view of Horden Lake, with approximate mineralised envelope shown in red



Catamany	Tannas	Grade				Contained Metal					
Category	Tonnes	CuEq (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	CuEq (kt)	Cu (kt)	Ni (kt)	Au (koz)	Pd (koz)
Indicated	15.2	1.50	0.77	0.20	0.13	0.19	228.6	117.6	30.5	59.4	91.3
Inferred	12.5	1.47	0.67	0.25	0.02	0.20	184.3	84.0	31.4	6.9	76.7
Total	27.8	1.49	0.73	0.22	0.08	0.19	413.9	201.6	61.9	66.2	168.0

Catamani	Tannas	Grade				Contained Metal					
Category	Tonnes	CuEq (%)	Cu (%)	Ni (%)	Au (g/t)	Pd (g/t)	CuEq (kt)	Cu (kt)	Ni (kt)	Au (koz)	Pd (koz)
Open Pit	17.3	1.38	0.67	0.21	0.08	0.19	239.6	115.7	35.6	43.9	100.5
Underground	10.5	1.66	0.82	0.25	0.07	0.21	173.9	85.9	26.3	22.3	67.5
Total	27.8	1.49	0.73	0.22	0.08	0.19	413.9	201.6	61.9	66.2	168.0

#### **Economic Parameters, CuEq Equation**

Metal	Pric	Recovery						
Cu	7,300	USD/t	90%					
Ni	21,300	USD/t	80%					
Au	1,600	USD/oz	80%					
Pd	1,900	USD/oz	80%					
CuEq = Cu% + (Ni.% x 2.59) + (Au.g/t x 0.63) + (Pd.g/t x 0.74)								

Refer ASX announcement dated 14 November 2022 for full technical disclosure.

The Mineral Resource Statement considers the portions of the resource within the optimised pit shell at a cut-off of 0.30% CuEq, and the deeper portions of the mineral resources outside (below) the optimised pit shell, using an underground cut-off of 1.12% CuEq.

The Company confirms that it is not aware of any new information or data that materially affects the information included in this presentation and that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

# **Appendix**Supporting information



#### **Foran Mining**

2019 Resource - Filed 10 July 2019

Resource	Mt	Cu (%)	Zn (%)	Pb (%)	Au (g/t)	Ag (g/t)
M&I	22.3	1.2	3	0.2	0.44	17
Inferred	11.2	1.4	1.8	0.1	0.47	14.8
Total	33.5	1.27	2.60	0.17	0.45	16

https://www.sedarplus.ca/csa-

party/records/document.html?id=1cc20daa818996b7918dfdb752c97b465fbbd17fadd93a8da523d039d7433fe0

#### 2020 PFS - Filed March 12, 2020

Reserve	Mt	Cu (%)	Zn (%)	Pb (%)	Au (g/t)	Ag (g/t)
Probable	11.4	1.14	4	-	0.54	21

https://www.sedarplus.ca/csa-

party/records/document.html?id=74f3f59012ld50997c2dec8lb74b5lb017449elcbc77a5b024bbe472c0l450e4

2021 Resource - Filed 25 October 2021

Resource	Mt	Cu (%)	Zn (%)	Pb (%)	Au (g/t)	Ag (g/t)
M&I	39	1.2	2.2	0.15	0.4	14
Inferred	5	0.95	2.6	0.17	0.3	16
Total	44	1.17	2.25	0.15	0.39	14

https://www.sedarplus.ca/csa-

party/records/document.html?id=4f7c708c8fd409fdfd9c86c65f87ae9cfaad0b901678948b211924b31eee42b0

2022 FS - 14 April 2022

Reserve	Mt	Cu (%)	Zn (%)	Pb (%)	Au (g/t)	Ag (g/t)
Probable	25.7	1.23	2.39	-	0.47	15.4

https://www.sedarplus.ca/csa-

party/records/document.html?id=992900cc9bfb97lb5lb30afcd3a5228l3de27437c5abec9daele980be88ca89b

Certain information in this presentation relates to exploration results extracted from the following announcements, which are available to view on www.pivotalmetals.com.

- 2024 Drilling: <u>2 May 2024</u>: HN-24-92/93, <u>16 May 2024</u>: HN-24-94/95, <u>6 June 2024</u>: HN-24-96/97, <u>2 July 2024</u> HN-24-98/99/100, <u>15 July 2024</u>: HN-24-101/102/103/104, <u>6 August 2024</u>: HN-24-105/107/109, <u>19 August 2024</u>: HN-24-106/110/111. <u>4 September 2024</u>: HN-24-112/114/114A/115/117/120. <u>19 September 2024</u>: HN-24-116/123. <u>3 October 2024</u>: HN-24-118/119/121/122/124.
- EM Conductors: <u>17 February 2025</u>
- Metallurgical Testwork: 12 March 2025
- Historic Drilling and MRE: 16 November 2022



## **Pivotal Metals Limited**

ABN 49 623 130 987 Level 8, 1 Eagle Street Brisbane QLD 4000 GPO Box 2517 WA 6831

T: +61 8 9481 0389

E: info@pivotalmetals.com W: www.pivotalmetals.com

