



# Copper Focused Exploration

Investor Presentation  
August 2024



ASX:FTL

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The information in this presentation that relates to Exploration Results from the Picha & Charaque Projects, Peru and York Harbour Project, Newfoundland, Canada is extracted from the ASX announcements:

*5 July 2023: Firetail signs binding terms sheet for acquisition of Peru Copper projects*

*14 November 2023: Encouraging First Assay Results from Picha Copper Project*

*9 January 2024: Evidence of porphyry system at Fundicion Target, Picha*

*5 February 2024: Significant polymetallic mineralisation at Picha Project*

*13 March 2024: Mineralised structure at Cumbre Coya extended*

*6 June 2024: Acquisition of York Harbour Copper Project, Canada*

*31 July 2024: Quarterly Activities Report/Appendix 5B Cash Flow Report*

*1 August 2024: High Grade Copper Results in Peru and York Harbour update*

These announcements are available to view on the Company's website ([www.firetailresources.com.au](http://www.firetailresources.com.au)). The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all the material assumptions and technical parameters continue to apply and have not materially changed. 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.

The information in this announcement that relates to exploration activities in Peru is based on information compiled by Mr Robin Wilson who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Wilson is a consultant to Firetail Resources and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is 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). Mr Wilson consents to the inclusion of this information in the form and context in which it appears.

The information in this presentation that relates to the Exploration Results for York Harbour Project is based on information compiled and fairly represented by Mr Glenn Poole, who is a Member of the Australian Institute of Geoscientists and employee of Firetail Resources Ltd. Mr Poole has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he has undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Poole consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

**This presentation has been authorised for release by the Board of Directors**

ASX Code  
**FTL**

Market Cap  
**\$15.6m**

Share Price \$0.077  
31 July 24

Total Shares  
**202.3m**

Cash (30 Jun 24)  
**\$4.7m**

Options  
**7m**

Enterprise Value  
**\$10.9m**

## BOARD OF DIRECTORS & KEY MANAGEMENT

**Brett Grosvenor**

Executive Chair

**Glenn Poole**

Chief Executive Officer

**Simon Lawson**

Non-Executive Director

**George Bauk**

Non-Executive Director

## KEY SHAREHOLDERS

**Hong Kong Jayson Mining Ltd** **9.7%**

**Thunderbird Resources Ltd** **8.2%**

**Spartan Resources** **6.1%**

**Terra Capital NR Fund** **5.9%**

Top 20 holds approx. 54% of the Register | Management & Board hold approx. 3.5%

## BOARD OF DIRECTORS

### **Brett Grosvenor**

Executive Chair

Mr Grosvenor is an experienced executive with over 25 years' experience in the Mining and Power industry. Holding a dual tertiary qualification in Engineering and a Master in Business.

He is currently a director of ASX listed Perpetual Resources Ltd, Carbine Resources and Firebird Metals Limited. He sits on the Project Steering Group for Patriot Battery Metals and the Australian Industry Consultation Group for Battery and Critical Minerals.

### **Simon Lawson**

Non-Executive Director

Mr Lawson is the Managing Director of Spartan Resources Limited (ASX: SPR), and also serves as Technical Director for Labyrinth Resources (ASX:LBR).

He holds a Master of Science in Geology from Auckland University and has more than 15 years of exploration, production and management experience in gold and base metals.

### **George Bauk**

Non-Executive Director

Mr Bauk is an experienced executive, with 30 years in the resources industry, having held global operational and corporate roles with Northern Minerals (ASX:NTU), WMC Resources and Western Metals.

Mr Bauk is Executive Chair of Thunderbird Resources (ASX:THB); Non Executive Chairman for both Lithium Australia (ASX:LIT) and PVW Resources (ASX:PVW).

## MANAGEMENT & TECHNICAL TEAM

### **Glenn Poole**

Chief Executive Officer

Glenn is an experienced technical geologist with a proven track record in developing and rejuvenating mineral assets with numerous ASX listed companies.

Glenn was Technical Director and Chief Geologist at Greenstone Resources (ASX:GSR). He was technical lead for Firefly Resources prior to the merger with Spartan Resources (ASX:SPR) and held senior positions within Northern Star (ASX:NST) and Superior Gold (TSXV).

Glenn holds a BSc in Geology from the University of Otago and a Master of Business Administration (MBA) from La Trobe University.

### **Robin Wilson**

Exploration Consultant

Robin has held senior exploration positions in several exploration and mining companies, plus 5 years working in oil and gas exploration. He is also Technical Director of Thunderbird Resources (ASX:THB).

During nearly 30 years of involvement in mineral exploration, he has worked on gold, nickel, REE, uranium, copper, lithium and phosphate projects throughout Australia, Africa, South America and North America and was involved in the initial discovery and outlining of several gold deposits in Australia.

### **Alison Dines**

Senior Geologist

Alison is an experienced exploration geologist with over 13 years experience in the junior mining sector across multiple commodities and deposit types.

Ms Dines has worked on rare earth elements, epithermal gold, porphyry copper, base metals, IOCG, lithium, intrusion-related gold, shear hosted copper-gold, diagenetic sandstone-hosted copper and stratabound copper deposits throughout Australia. Most recently Alison was the Exploration Manager at ChemX Materials Ltd (ASX:CMX).

### **Jhony Vargas**

Project Manager - Peru

Jhony is an Exploration Geologist with over 10 years' experience in regional and district exploration of deposit type Skarn (Cu-Au and Cu-Mo), porphyry (Cu-Au and Cu-Mo), epithermal high and low sulphidation (Au-Ag), & polymetallic veins of (Ag-Pb-Zn).

Prior to Firetail, Jhony gained extensive experience in exploration projects in Peru, including roles with Kuya Silver, Miramont Resources, Compania Minera Milpo, Silver Standard and Newmont Goldcorp Corporation.

He has been working for Kiwanda (Firetail's Peruvian subsidiary) on the Picha Project since 2021.



## Newfoundland, Canada

York Harbour Cu-Zn-Ag



## Peru

Picha Cu-Ag Project

Charaque Cu-Ag Project<sup>#</sup>



## Australia

Paterson Cu-Au

Yalgoo-Dalgaranga – Li

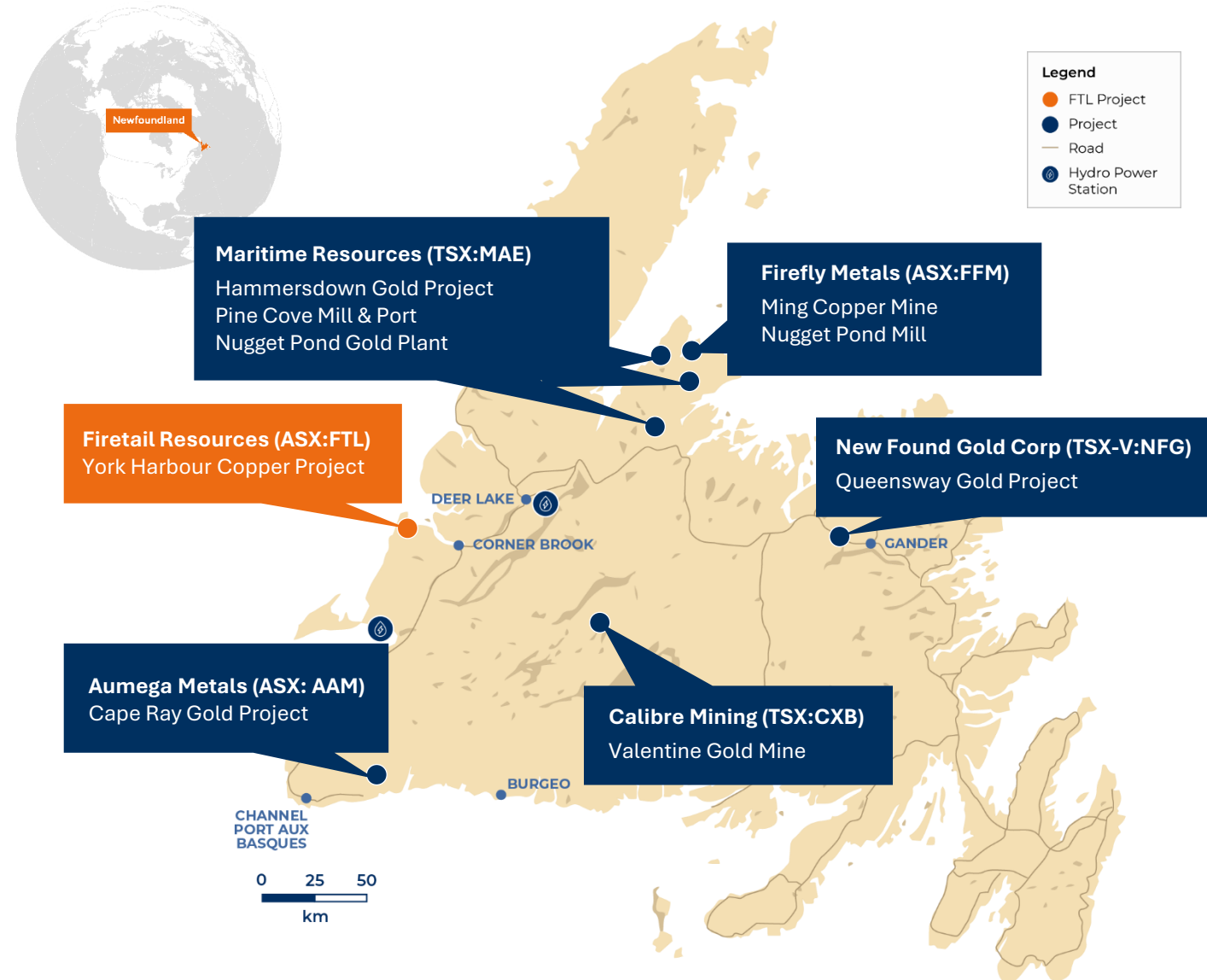
Mt Slopeaway – Ni-Co-Mn



<sup>#</sup>Subject to Barrick Earn-in Deal

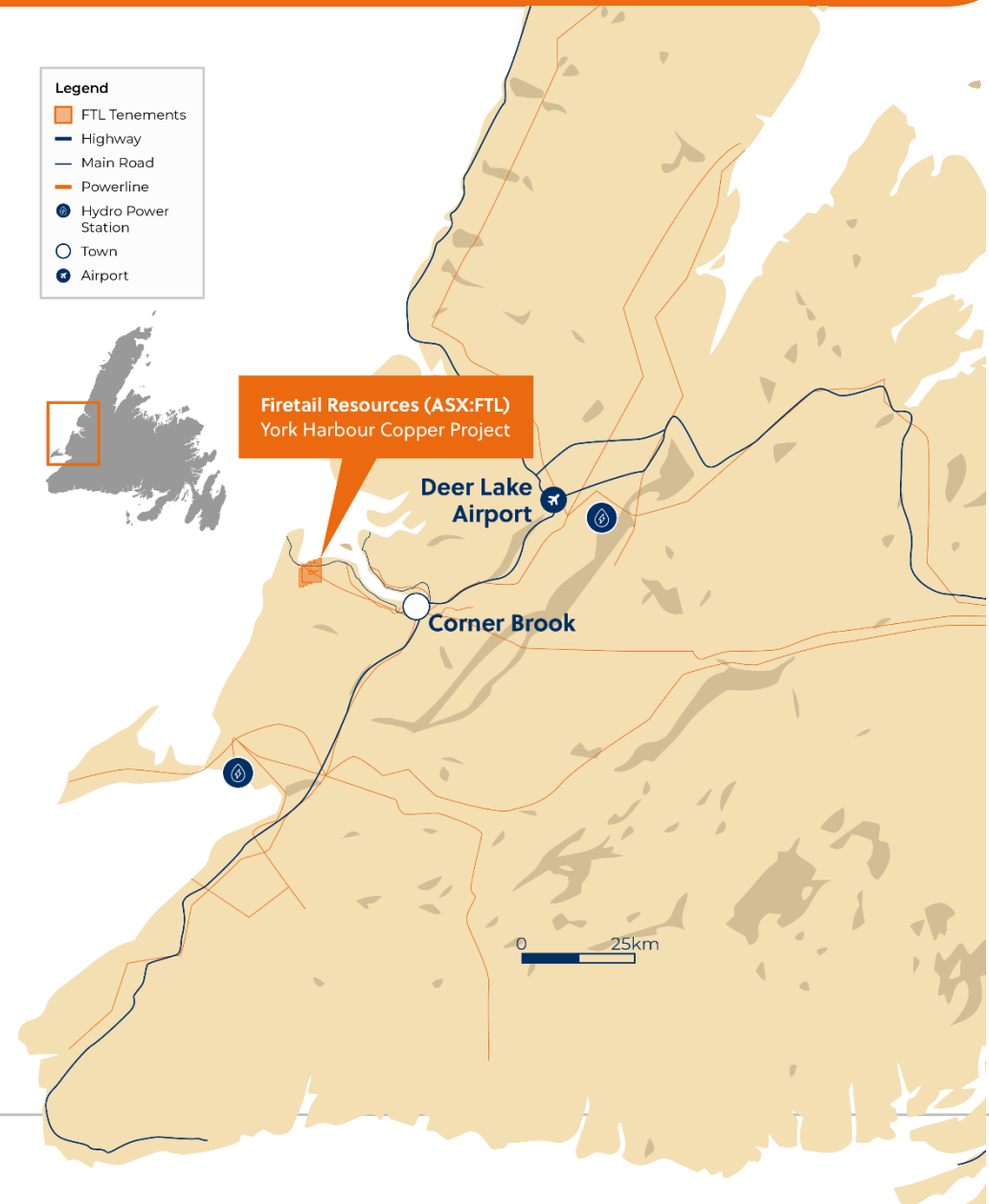
# York Harbour - Advanced High-Grade Brownfield Opportunity

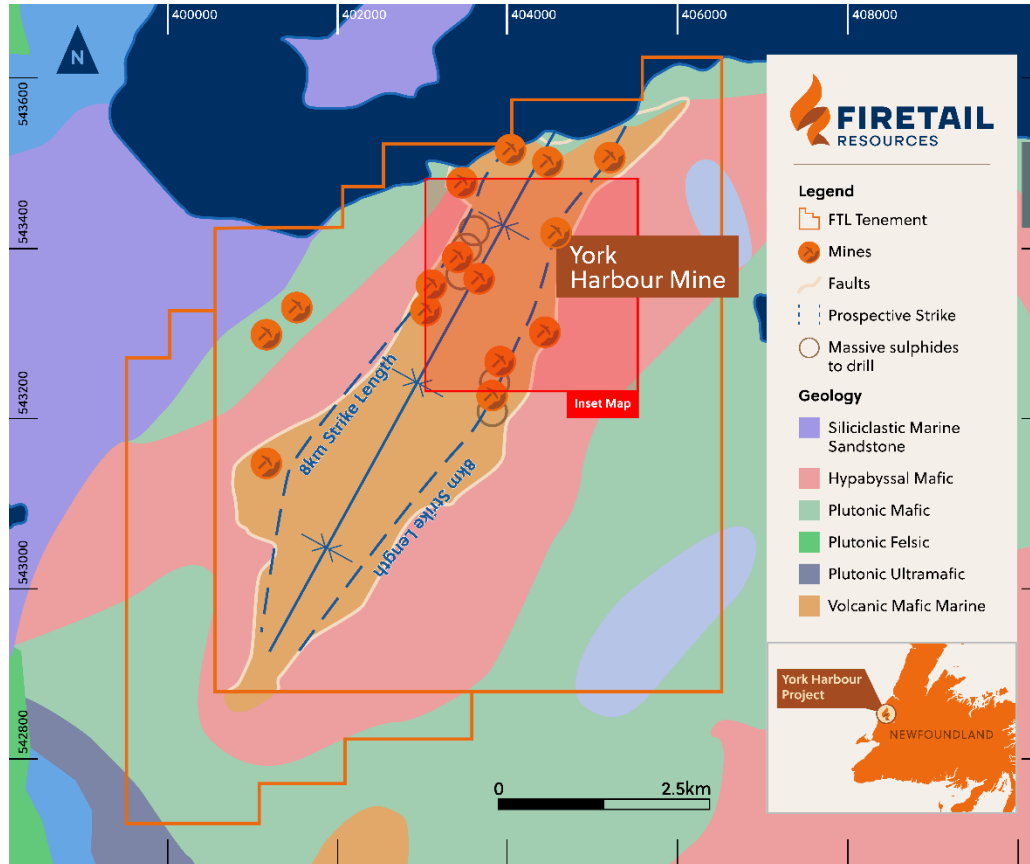
- High-grade, drill defined copper-zinc opportunity in Newfoundland, Canada.
- Recent exploration resurgence in region including Firefly Metals (ASX:FFM).
- Significant drilling results include
  - **29.0m @ 5.25% Cu** from 147m
  - **22.56m @ 4.34% Cu** from 68.88m
  - **24.3m @ 2.77% Cu, 9.3% Zn** from 93m
  - **24.54m @ 2.14% Cu, 12.78% Zn** from 21.03m
  - **14.88m @ 3.08% Cu** from 30.88m
- **Capacity to immediately follow up significant drilling intercepts to test their down dip extension potential.**
- **Fully permitted to complete 50 diamond drill holes, further permitting submitted.**



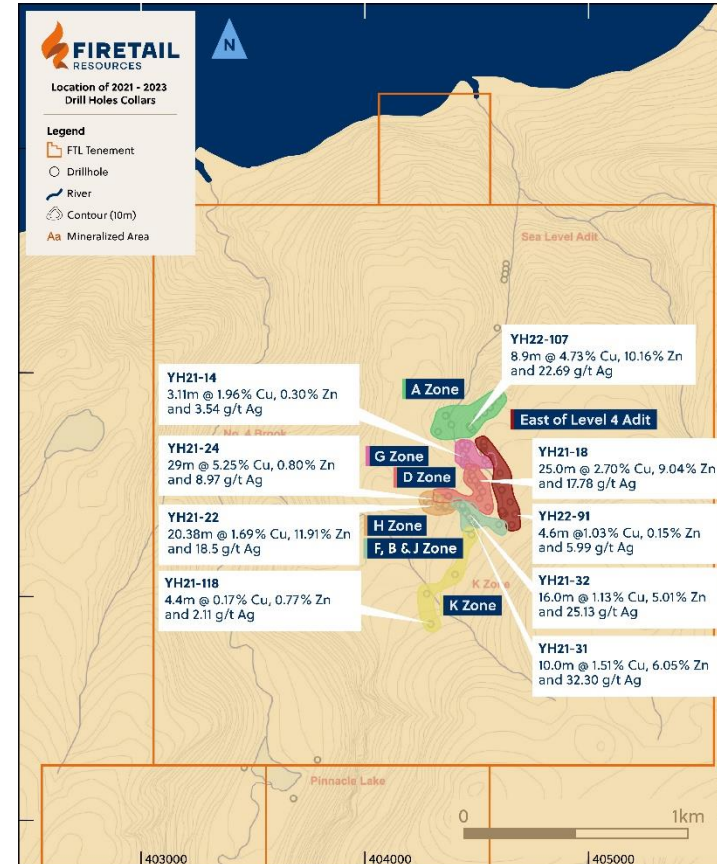
# Historic Mine with Excellent Infrastructure

- Historic production of 100,000 tonnes mined at 3-12% Cu, 7% Zn and 1-3oz/t Ag between 1898 and 1913.
- Excellent road access.
- Hydro power (96% of supply to NL is hydro).
- Local skilled labour and support services readily accessible.
- Newfoundland is globally regarded as one of the best mining friendly jurisdictions.





Property Map

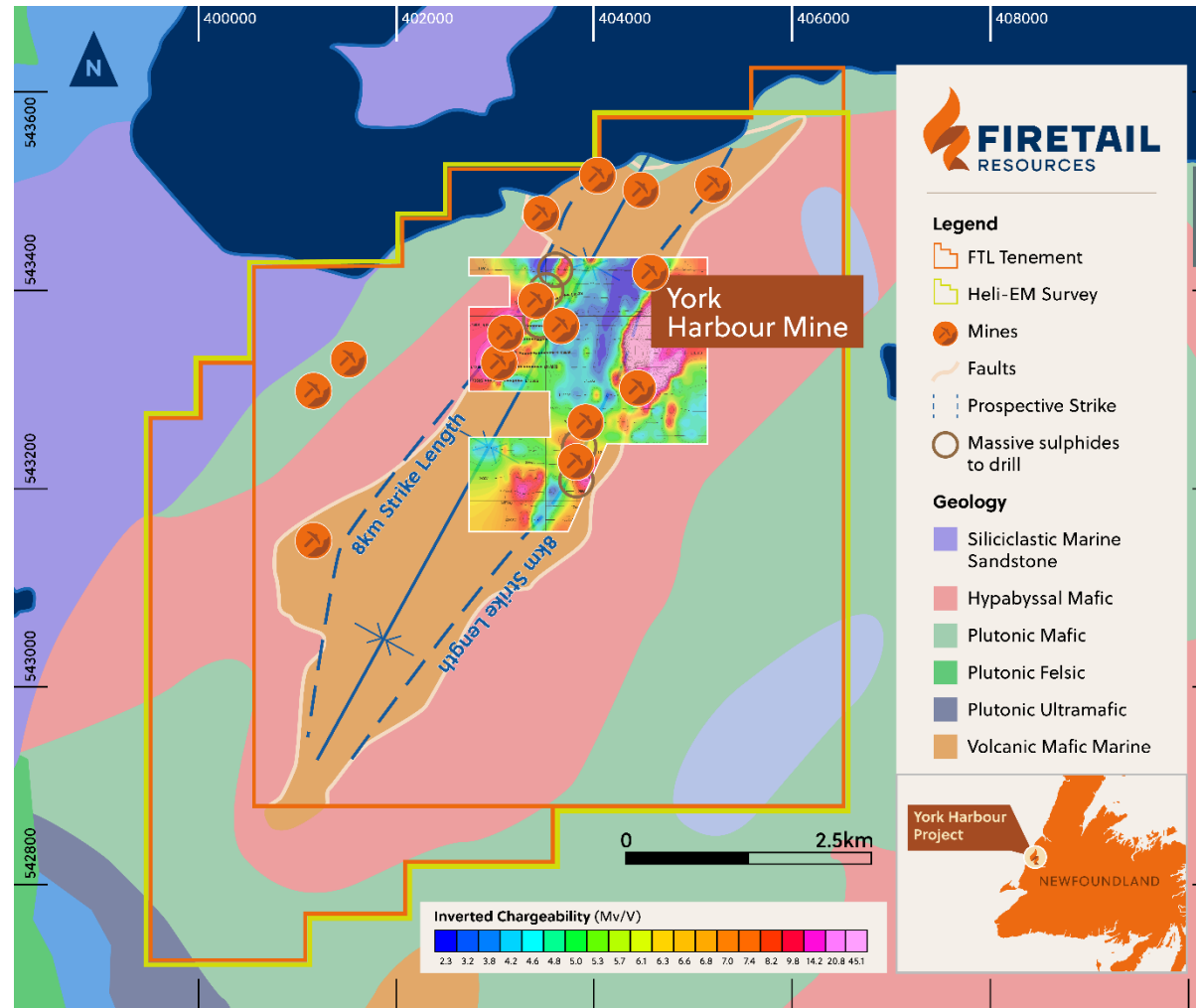


Inset Map

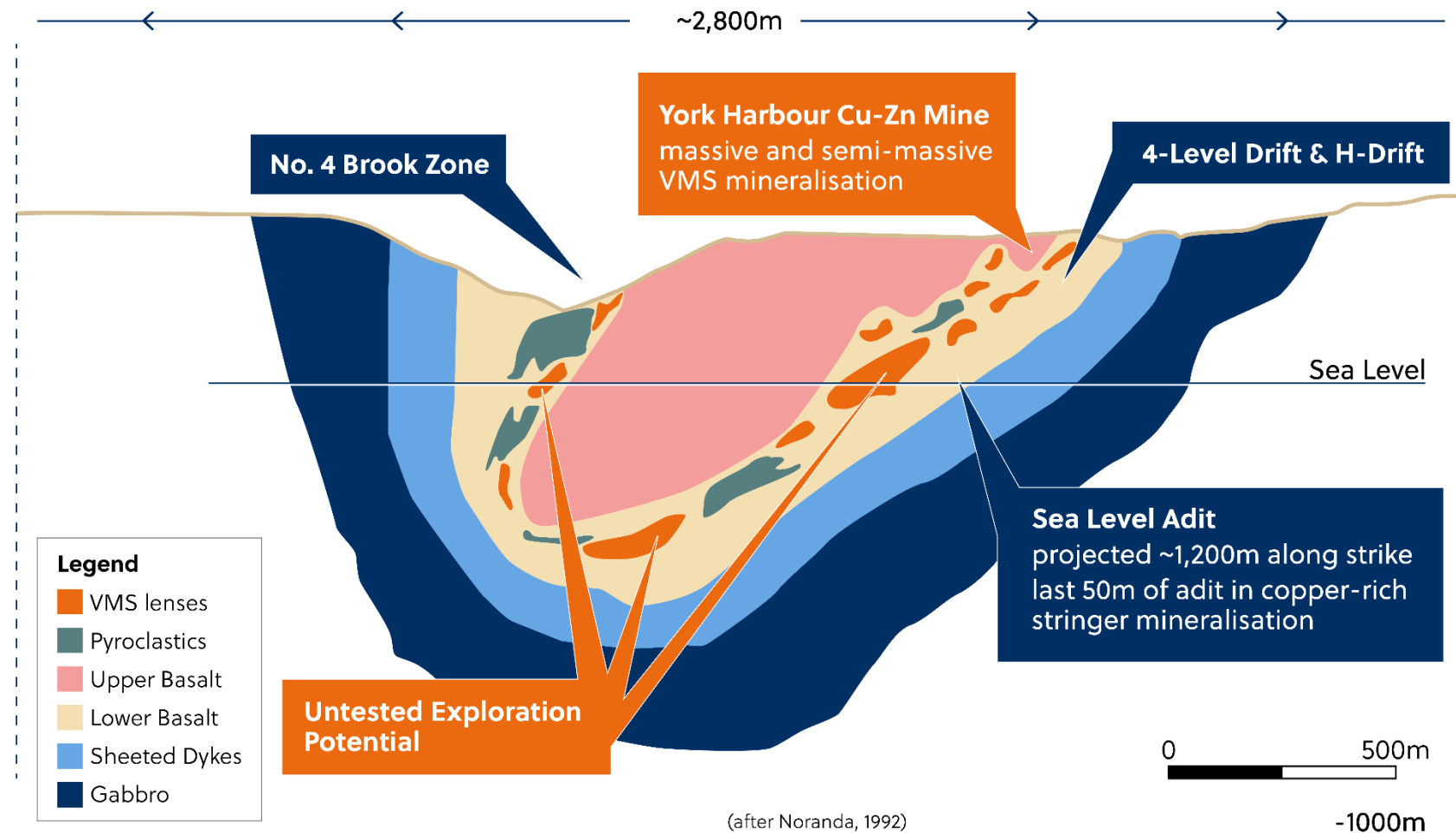
- Mineralisation at the York Harbour mine area consists of multiple, irregular horizons of massive and semi-massive pyrite, sphalerite, chalcopyrite with minor pyrrhotite and rare galena.
- **16km of prospective geological strike.**
- Drilling has only been carried out within **less than 350 m** of this strike length and **within 150m** below surface.



- IP survey completed 2022.
- **Results show high chargeability coupled with low resistivity indicating massive and semi-massive sulphide zones.**
- First property wide Airborne EM survey scheduled for Aug'24
- **Multiple opportunities to use geophysics to both define new targets and refine understanding of existing targets.**



- **No deep drilling completed to date.**
  - Drill planning to test extensions being devised
  - Evaluating potential of using downhole EM on existing holes to evaluate scale of drill defined targets
- Mineralisation model indicates **potential for additional blind VMS targets at depth along 16km prospective strike length.**



Interpreted geological cross section of the York Harbour Mine Area

## DD Period

- 3D Geological model of mineralisation and lithology progressing
- Tenders for Lidar, EM Survey, downhole EM and drill contracting received
- Review of existing geophysical survey data ongoing
- Additional drill permitting for additional prospect areas underway

## Upon Completion

- Drill testing of strike and dip extents of known mineralisation target areas
- Downhole EM to assist with drill planning and prioritisation of extensional targets
- Property wide EM and Lidar survey for further drill targeting
- Geochemical sampling program- combination of soils and trenching

## 6 Months Post Completion

- Scout drilling of targets defined within 16km of prospective strike aiming to define additional, previously unknown and untested drill targets
- Ground EM to target mineralisation at greater than 150m depth below surface which has only limited testing to date
- Further along strike and extensional drilling of drill defined mineralisation



FIRETAIL RESOURCES

# Peru Projects Overview



**Charaque Project**

**Picha Project**



# Peru Copper Projects Overview

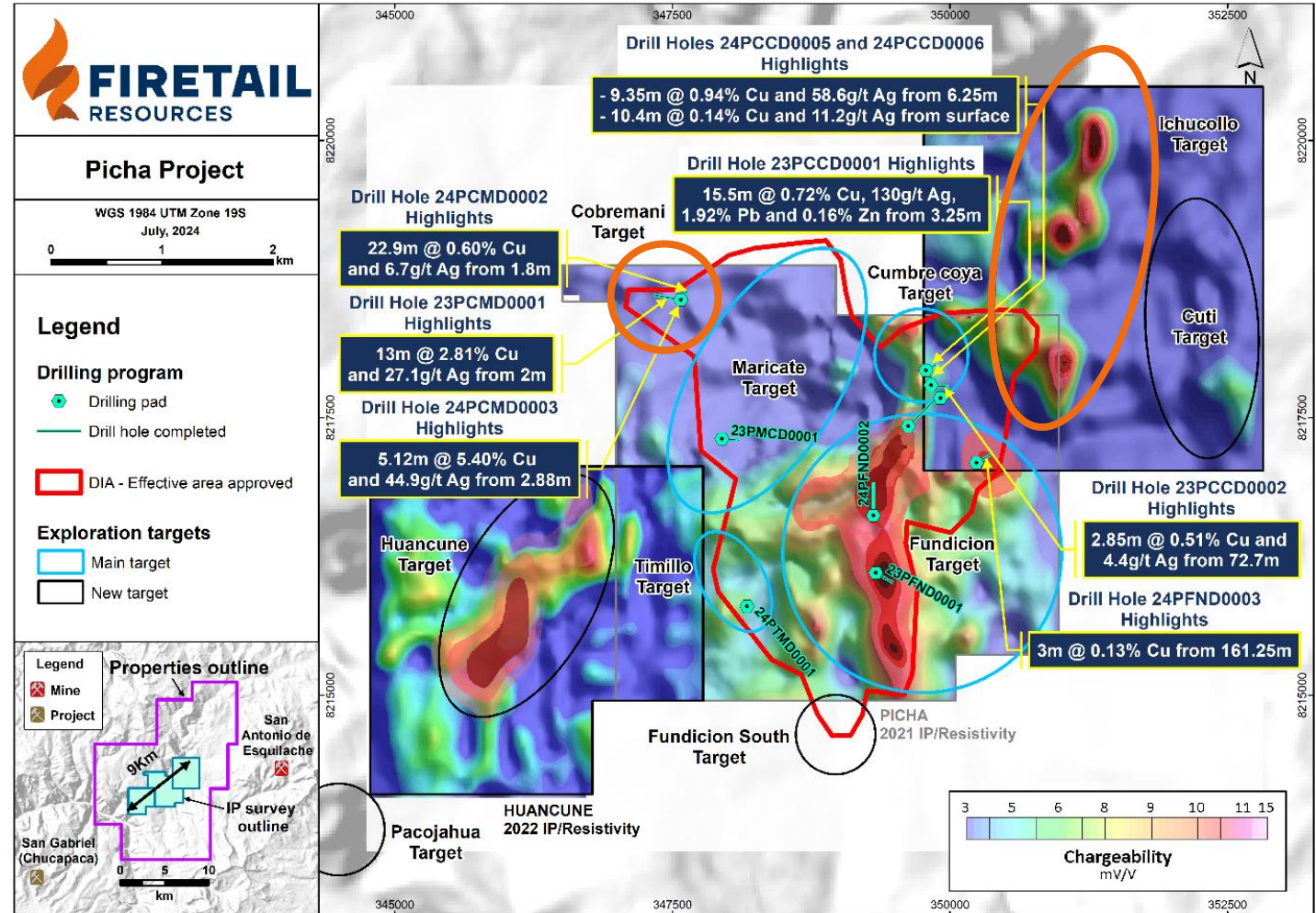


- Peru is a mining-friendly jurisdiction where 12% of GDP and 60% of total exports attributed to the mining industry.
- Currently the 2nd largest global producer of copper and silver.
- Projects located close to existing transportation & infrastructure.
- FTL has excellent Government and Community relations
- Barrick has commenced work under farm-in agreement – Charaque Project
- Surrounded by Gold and Copper Projects, including:
  - **San Gabriel Gold Project** (Buenaventura NYSE: BVN)  
Fully permitted and in construction
  - Reserves: 14.9Mt with 4.04 g/t Au and 6.43 g/t Ag for 1.94MOz Au
  - **Berenguela Ag, Cu, Mn, Zn Deposit** (Aftermath Silver TSX-V:AAG)
  - Resources: 40.2Mt with 78 g/t Ag 6.1% Mn 0.67% Cu 0.34% Zn



Refer to Buenaventura (NYSE: BVN) Annual Report 2023 for further details on the San Gabriel Project Resources and Reserves  
 Refer to Aftermath Silver (TSX-V: AAG) N34-101 Report dated 13 April 2023 for further details on the Berenguela Project MRE

- Phase 1 Drilling complete
  - Significant intercepts include;
    - Cobremani - **13.00m @ 2.81% Cu & 6.7 g/t Ag** from 1.80m
      - **5.12m @ 5.40% Cu & 44.9 g/t Ag** from 2.88m
    - Cunbre Coya - **15.2m @ 0.72% Cu & 130.0 g/t Ag** from 3.25m
      - **9.35m @ 0.94% Cu & 58.6 g/t Ag** from 6.25m
  - Soil sampling and mapping over highly prospective Ichucollo target
  - Infill mapping and sampling on high grade Cobremani target



Geochemical  
soil sampling

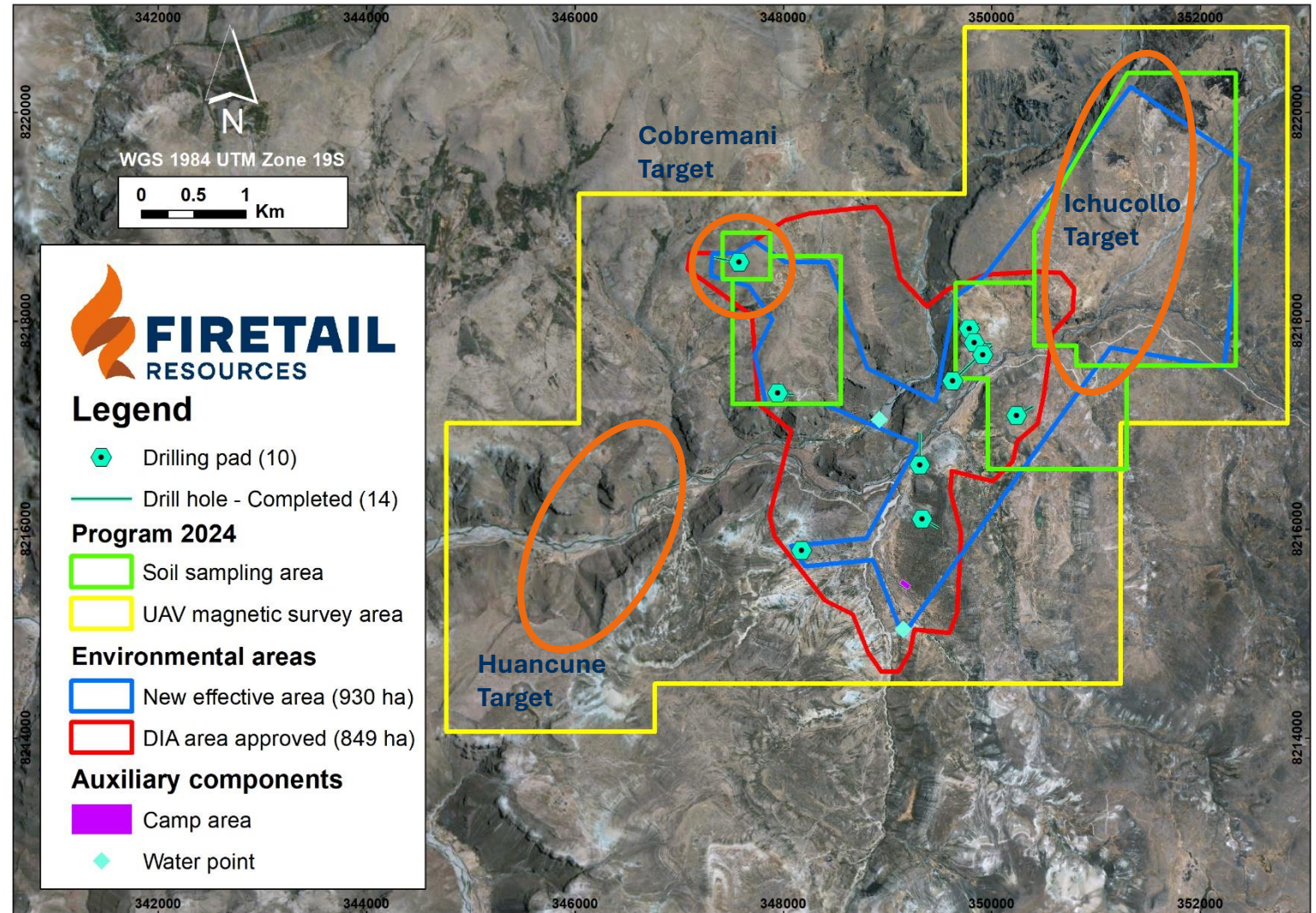
Geophysics survey

RC and Diamond  
Drill Planning

Environmental  
permitting new areas

Ichucollo and  
Cuti Target  
(555 hectares)

Huancune  
Target (327  
hectares)



# Why Firetail Resources?



Strategic EV Metal Projects with significant exposure to Copper



Drill ready high priority targets defined and advanced exploration underway on multiple projects



Well funded for exploration activities



Proven Board & Management team







**Glenn Poole**  
Chief Executive Officer

+61 (08) 9322 2338  
[info@firetailresources.com.au](mailto:info@firetailresources.com.au)

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