



York Harbour Copper Project Acquisition

Investor Presentation
June 2024

ASX:FTL



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The information in this announcement that relates to the Exploration Results for York Harbour Project is based on information compiled and fairly represented by Mr Robert Jewson, who is a Member of the Australian Institute of Geoscientists and consultant to Firetail Resources Ltd. Mr Jewson 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 Jewson consents to the inclusion in this report of the matters based on this information in the form and context in which it appears. Mr Jewson is a shareholder of Firetail Resources Ltd.

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



Opportunity

- High grade, under explored copper-zinc VMS in Newfoundland, Canada.
- **16km of prospective strike, 350m of strike explored to date majority of which is within 150m of surface**
- Drill ready targets defined



The Asset

- Small scale previous underground production of **100,000t at 3-12% Cu, 7% Zn and 1-3oz/t Ag**
- Multitude of significant drilling results including **29m at 5.25% Cu** from 147 & **22.56m at 4.34% Cu** from 68.88m
- **Mineralisation is open in all directions**

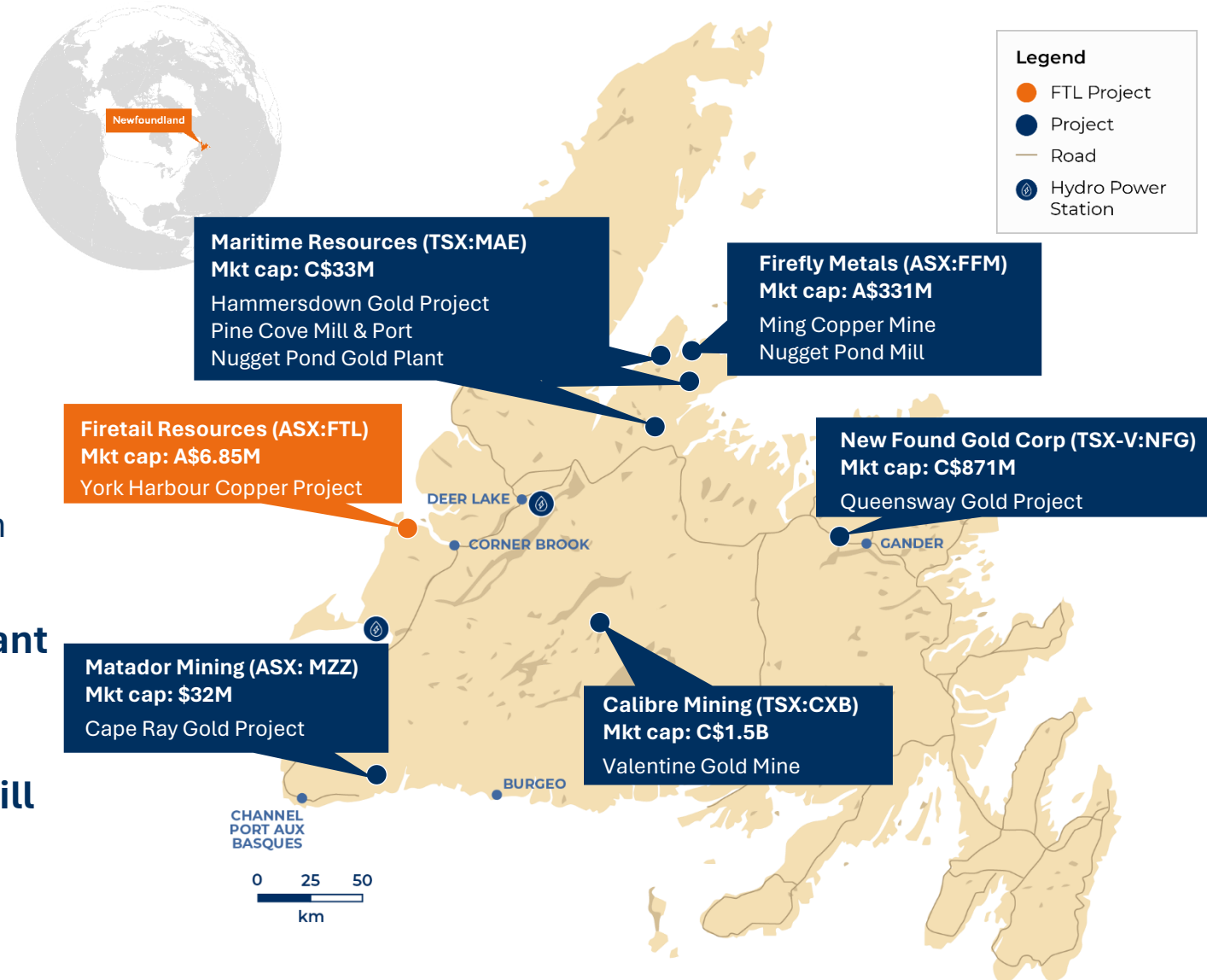


Strategic Acquisition

- Complementary to Firetail's existing portfolio of battery metals projects.
- Project wide exploration strategy has potential of defining substantial targets both along strike and at depth
- EM survey to be completed across entire property

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 at 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 at 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.



Historic Mine with Excellent Infrastructure

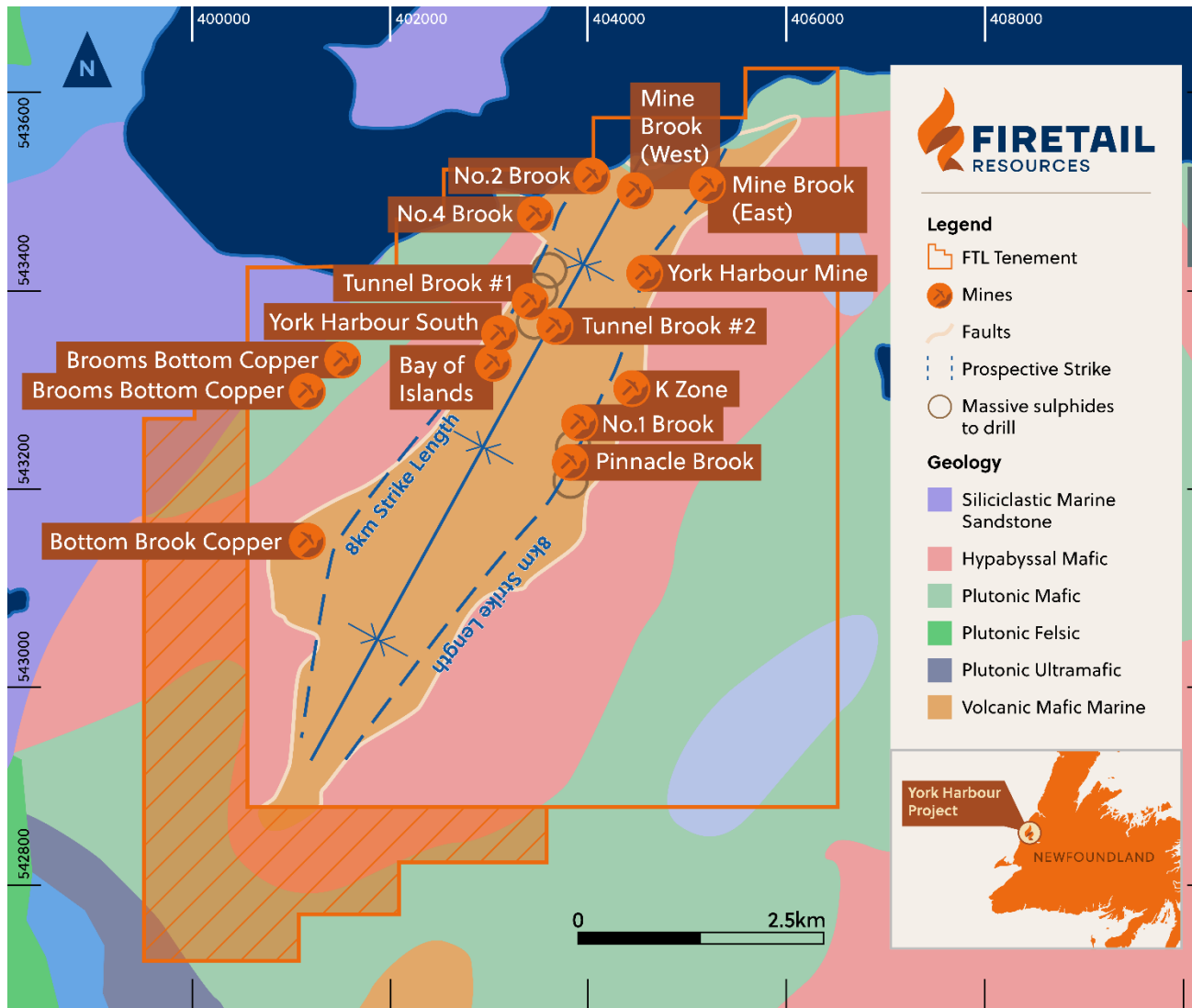
- Historic production of 100,000 tonnes mined at 3-12% Cu, 7% Zn and 1-3oz/t Ag between 1898 and 1913.
- Excellent road access.
- Hydro power (96% of supply to NL is hydro).
- Local skilled labour and support services readily accessible.
- Newfoundland is globally regarded as one of the best mining friendly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



Legend

- FTL Tenements
- Highway
- Main Road
- Powerline
- Hydro Power Station
- Town

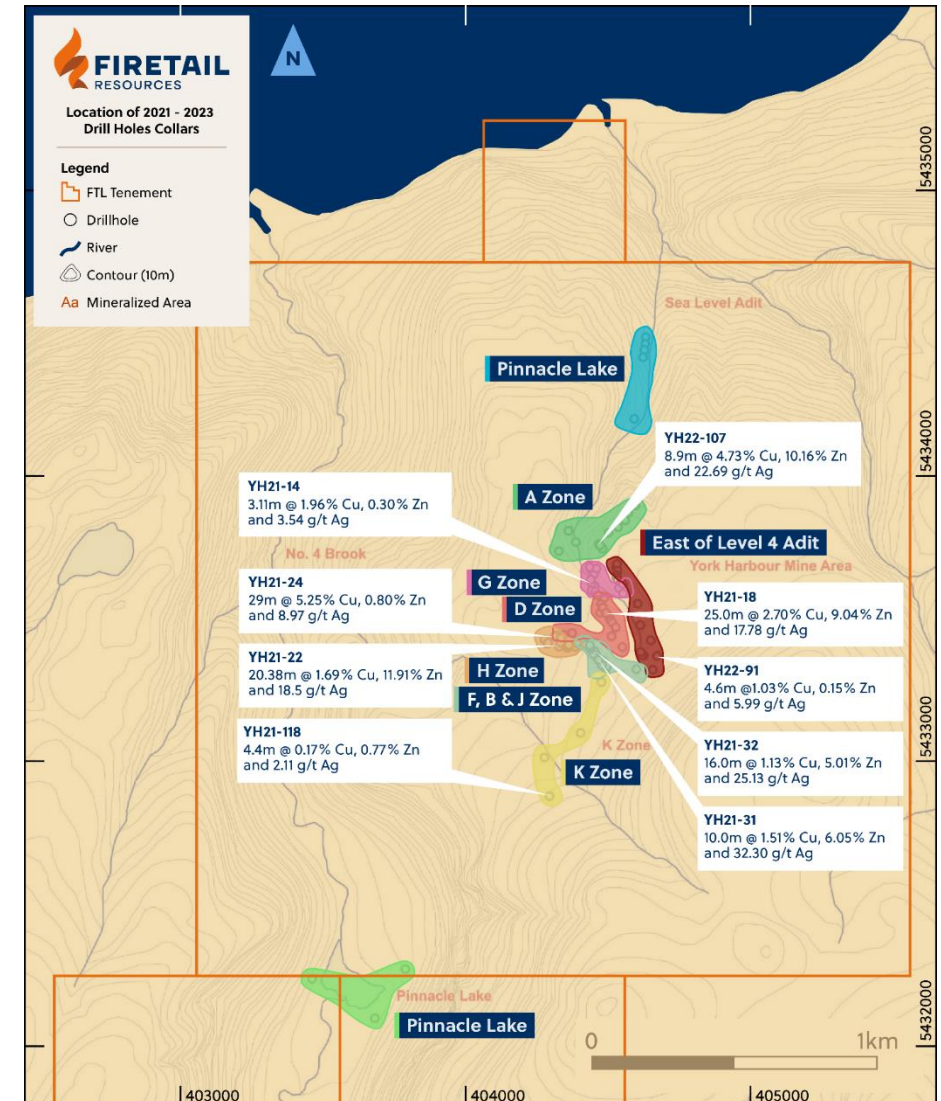
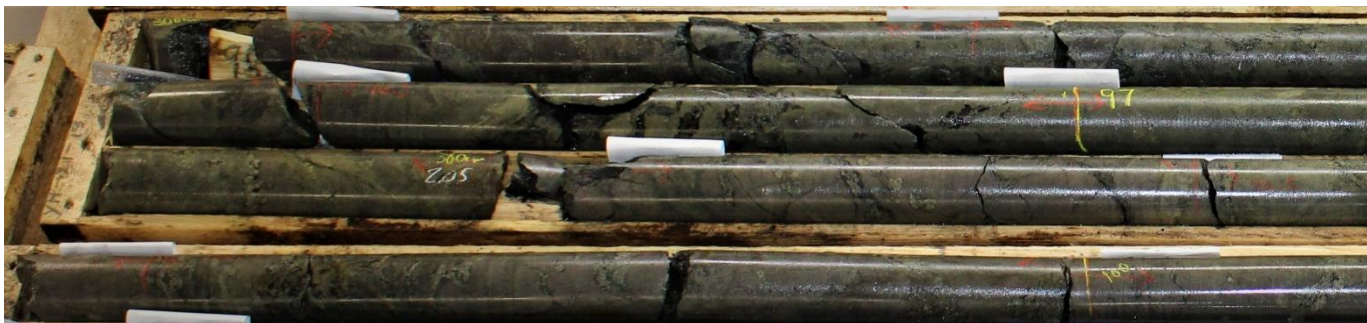




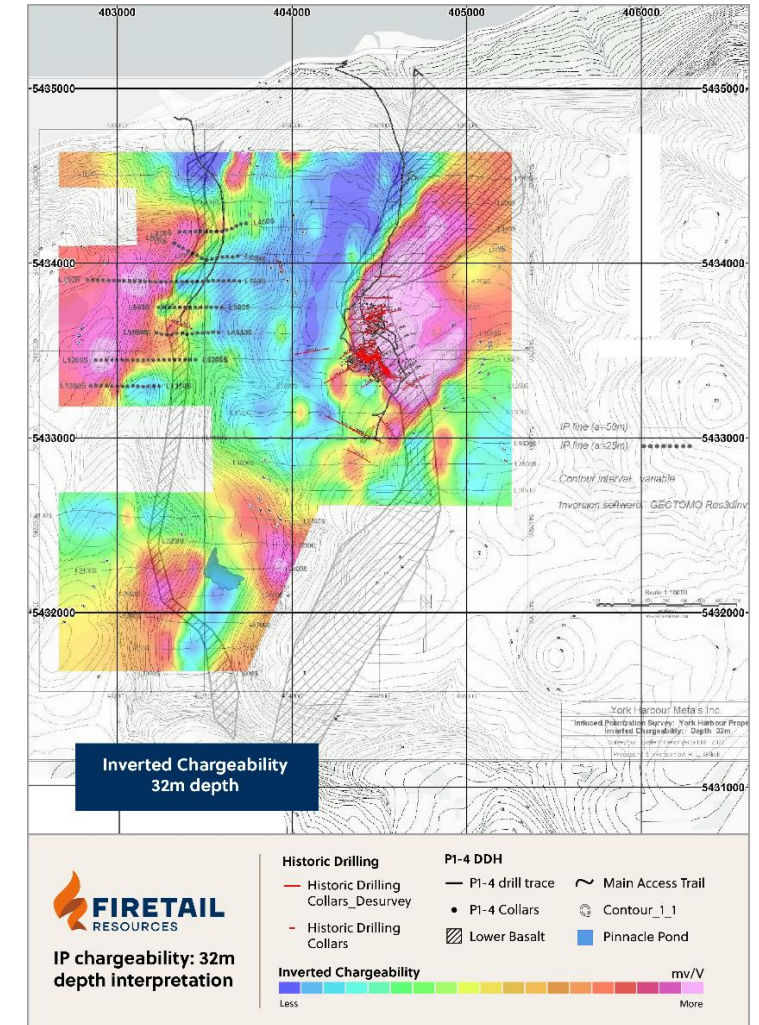
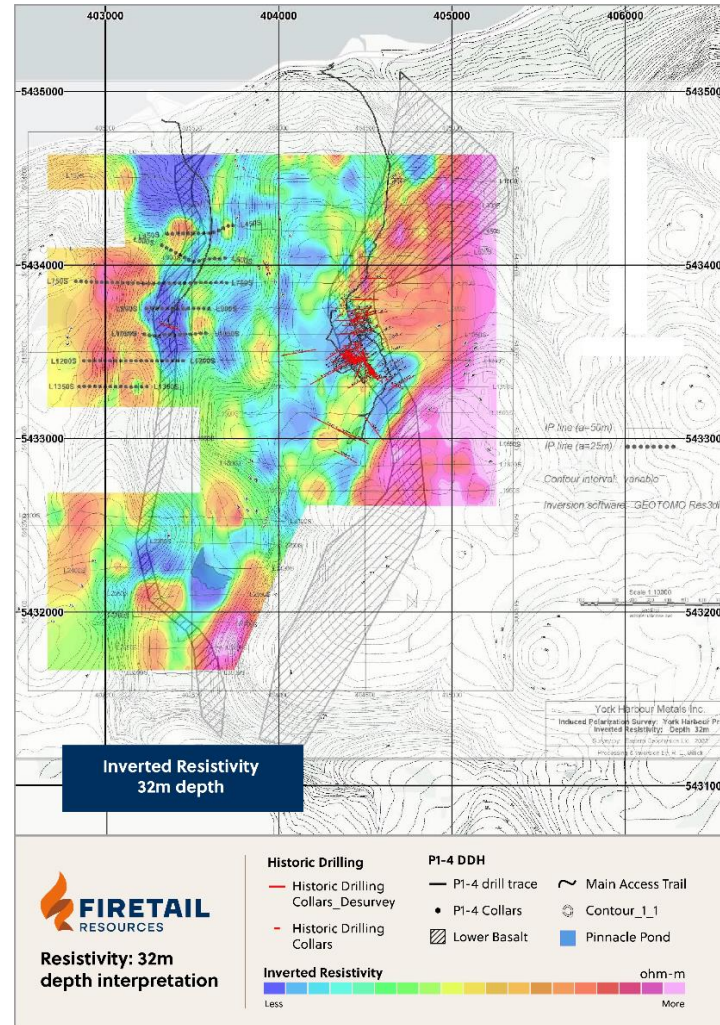
- Mineralisation at the York Harbour mine area consists of multiple, irregular horizons of massive and semi-massive pyrite, sphalerite, chalcopyrite with minor pyrrhotite and rare galena.
- **16km of prospective geological strike.**
- Drilling has only been carried out within **less than 350 m of this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

- Significant levels of exploration have been conducted within proximity of the previous mine workings
- Geophysics limited to IP and ground EM- **no property wide EM survey conducted to date**
- Extensive surface and underground diamond drilling- **predominantly limited to within 150m of surface**

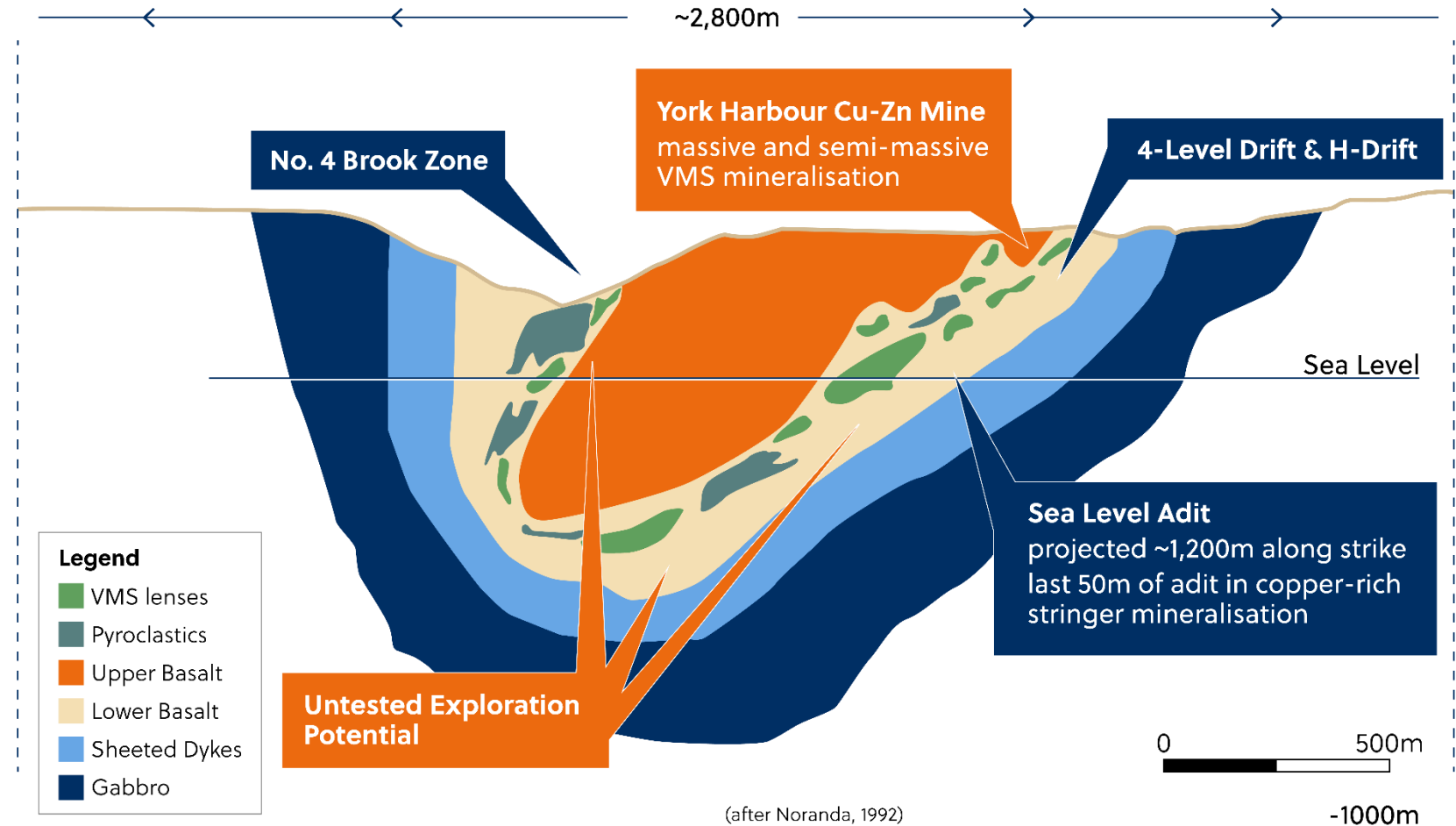
York Harbour Metals Inc (TSXV:YORK) has spent over C\$8m on the Project.



- IP survey completed 2022.
- Results show **high chargeability coupled with low resistivity indicating massive and semi-massive sulphide zones.**
- No airborne EM survey completed, unusual for VMS.
- Limited ground and downhole EM surveys conducted to date.
- **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.
- Tendering for Lidar, EM Survey, downhole EM and drill contracting.
- Review of existing geophysical survey data.
- Additional drill permitting for additional prospect areas.

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.
- 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.



Acquisition Details

- FTL is proposing to acquire up to an 80% legal and beneficial interest the York Harbour Project

Timing	Cash Consideration	Share Consideration	Exploration	Interest Earned
Within 5 days of completion (Upfront Consideration)	A\$200,000	100,000,000 FTL Shares	-	49%
Within 10 days of the date which is 12 months after completion	A\$100,000	25,000,000 FTL Shares	5km of drilling completed	11%
Within 10 days of the date which is 24 months after completion	A\$100,000	25,000,000 FTL Shares	7.5km of drilling completed	10%
Within 10 days of the date which is 36 months after completion	A\$100,000	25,000,000 FTL Shares	10km of drilling complete	10%

- The Vendor will retain a 20% free-carried interest in the Licences until the completion of a pre-feasibility study with greater than a 25% internal rate of return and with a positive net present value.
- Vendor will retain a 2.0% net smelter returns royalty with respect to the York Harbour Project.
- Issue of up to 25,000,000 Advisor Shares and 25,000,000 options exercisable at \$0.10c expiring 2.5 years from issue, 6 months escrow.

Capital Raising

- In connection with the Acquisition, the Company is proposing to undertake a capital raising of approximately \$1,570,000 (before costs) at an issue price of \$0.04 each.
- The structure of the capital raising is yet to be determined but is presently intended that the capital raising will comprise:
 - a \$893,000 Placement (issue of 22,325,000 shares); and
 - a \$595,622 entitlement issue on the basis of 1 new FTL share for every 10 existing FTL shares held.
 - An \$80,000 Placement to Executive Chair, Brett Grosvenor, subject to shareholder approval pursuant to Listing Rule 10.11.
 - The Placement (other than the Placement to the Executive Chair) will be undertaken utilising the Company's placement capacity pursuant to Listing Rules 7.1.

Approvals, conditions & timing

- The Acquisition is subject to conditions precedent, including Firetail obtaining shareholder approval and an independent expert report.
- The Placement will be completed by 19 June 2024 and Rights Issue is expected to complete by 15 July 2024.
- The Acquisition is expected to complete by Mid-August 2024.



**6 June
Thursday**

Announcement of
Acquisition

**21 June
Friday**

Entitlement Offer
Opens

**2 July
Tuesday**

Despatch of
Notice of Meeting

**5 July
Friday**

Entitlement Offer
Closes

**Mid-August
Tuesday**

General Meeting

**Mid-August
Tuesday**

Completion of
Acquisition and
issue of securities

The timetable is indicative only and is subject to change at the discretion of the Company without prior notice

Directors and Key Management Team



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 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).

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.

Mr. CAI Kecheng

Non-Executive Director

Mr. Cai Kecheng is a representative of Hong Kong Jayson Mining Co. Ltd (Jayson), a substantial shareholder of Firetail.

Mr. Cai has 18+ years experience in financial investment and corporate strategy. He is currently the Associate President and Head of Investment & Strategy for Jayson; and prior to this held Managing Director roles at a number of private equity firms in Shanghai.

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 WMC Resources and Western Metals.

Mr Bauk is Executive Chair of Thunderbird Resources (ASX:THB); Non-Executive Chairman for both Evion Group NL (ASX:EVG) and Lithium Australia Limited (ASX:LIT), and Executive Director of PVW Resources Limited (ASX:PVW).

TECHNICAL TEAM

Robin Wilson

Exploration Manager

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.

Matt Carter

Dahrouge Principal Geologist

Matt has been involved with all stages of exploration, from grassroots through to advanced feasibility studies, across Canada and the United States.

Exploration roles have included geological mapping, geochemical sampling, managing drill programs and co-managing advanced-stage exploration programs.

Matt has 15 years experience across Copper, Gold, Silver, Nickel, Cobalt as well as Lithium pegmatite, REE, Met Coal and Frac Sand exploration.

Frank Bierlein

Technical Consultant

Dr Bierlein has over 30 years experience as a geologist, holding exploration and generative geology roles with QMSD Mining, Qatar Mining, Afmeco Australia and Areva NC.

He served on the Firetail Board of Directors from until July 2023, before becoming a Technical Consultant for ongoing technical work on the Mt Slopeaway Project. He is currently a director of ASX-listed PNX Metals Ltd, Blackstone Minerals, Impact Minerals, and Variscan Mines.

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).

Why Firetail Resources?



Strategic EV Metal Projects with increased exposure to Copper



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



Fully funded for exploration activities



Proven Board & Management team





Brett Grosvenor
Executive Chairman

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