

16th December 2024

Firetail Drills 23m @ 3.7% CuEq¹ Extending High-Grade Mineralisation at Skyline Copper Project

New drill intercepts with grades to 5.1% CuEq¹ confirm substantial down-plunge extensions to known mineralisation, highlighting significant growth potential

Key Points

- Significant new drilling results from recent 5,000m drilling program include:
 - o 23.0m @ 3.7% CuEq¹ (3.6% Cu, 0.3% Zn, 4.3g/t Ag) from 152.0m (YH24-126)
 - Including <u>11.2m @ 5.1% CuEq</u> (5.0% Cu, 0.2% Zn, 5.8g/t Ag) from 154.4m
 - o 2.40m @ 2.7% CuEq (2.4% Cu, 1.15% Zn, 8.6g/t Ag) (YH24-125)
 - o **12.8m @ 1.2% CuEq** (0.9% Cu, 0.6% Zn, 6.4g/t Ag) from 145.5m (YH24-124)
 - And 9.5m @ 1.00% CuEq (0.9% Cu, 0.1% Zn, 4.0g/t Ag) from 193.5m
 - o 8.3m @ 1.0% CuEq (0.8% Cu, 0.5% Zn, 1.7g/t Ag) from 120.0m (YH24-129)
- Additional sampling of previously untested drill core from prior operators has **significantly expanded the mineralised intervals** including:
 - о **14.4m @ 2.1 % CuEq** from 109.1m (previously 5.3m @ 2.8% CuEq from 113.7m) (ун22-078)
 - Including 2.4m @ 4.5% CuEq from 109.1m
 - And 3.5m @ 3.3% CuEq from 115.5m
 - o 27.5m @ 2.0% CuEq from 185.3m (previously 8.80m @ 3.3% CuEq from 190.2m) (YH22-078)
 - Includes 13.7m @ 3.0% CuEq from 185.3m
 - o 22.0m @ 1.3% CuEq from 169.0m (previously 20.5m @ 1.3% CuEq from 170.5m) (YH22-71)
 - Including 4.7m @ 3.0% CuEq from 180.0m
 - o 13.3m @ 1.0% CuEq from 237.0m (previously 9.8m @ 1.2% CuEq from 240.5m) (YH22-71)
- Shallow gold-bearing intervals identified outside the target corridor highlight the potential for additional parallel mineralising sequences in line with the Cyprus-style VMS deposit model:
 - o 2.4m @ 6.7% CuEq (0.7% Cu, 8.4% Zn, 172.9 Ag & 2.0g/t Au) from 46.8m (YH22-080)
- Drilling results pending for 17 holes, providing strong upcoming news-flow as additional assay results are received.

¹ Calculation for reported drill results CuEq (%) = Cu(%) + (Zn (%) x 0.30) + (Ag (g/t) x 0.010), full breakdown as below in compliance statement

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| Milestone | | | | 2024 | | | | | 2025 | |
|--|--------------|------|-----|--------------|-----|-----|----------|--------|------|-----|
| IMILESTONE | June | July | Aug | Sept | Oct | Nov | Dec | Jan | Feb | Mar |
| Announcement Acquisition of Skyline | \checkmark | | | | | | | | | |
| Completion of Acquisition | | | | \checkmark | | | | | | |
| Appointment of Managing Director | | | | \checkmark | | | | | | |
| Maiden 5,000m drilling program | | | | | | , | ~ | ASSAYS | | |
| Property wide Airborne EM Survey | | | | | _ | | | | | |
| Downhole EM | | | | | | | | | | |
| Ground EM | | | | | | | | | | |
| Second Phase Diamond Drilling | | | | | | | | | _ | |

Firetail's Managing Director, Glenn Poole, commented:

"Our maiden drill program at Skyline continues to exceed expectations, with the thick, high-grade intercepts in the latest holes significantly expanding the known mineralisation and highlighting the enormous upside at the project.

"The information gained from drilling, together with results of the recent Airborne EM survey and from the upcoming down-hole EM survey will help us to refine our targeting approach and facilitate the next phase of drilling, both in the near-mine environment and targeting extensions down-dip and along strike.

"In the meantime, re-sampling of historic drill core has reaffirmed the potential we see across the broader Skyline mineral system, adding meaningful thicknesses and grades to the known drill intercepts at a very low cost. This shows the endowment and potential of the system and sets the stage for what should be a very exciting year ahead for Firetail.

"Work is also continuing to evaluate the potential of other economic minerals within the system, with the elevated gold results outside the known mineralised sequence providing evidence of a later stage, mineralising event potentially producing a formation that has not been previously targeted and effectively tested at Skyline. We will be actively pursuing this potential next year as we work to unlock the full potential of this district-scale VMS asset." Firetail Resources Limited (**Firetail** or **the Company**) (ASX: FTL) is pleased to report further assay results from the recently completed 5,000m diamond drilling program at the Skyline Copper Project (**Skyline** or the **Project**), located in Newfoundland, Canada.



Figure 1: Skyline Copper Project Location Plan

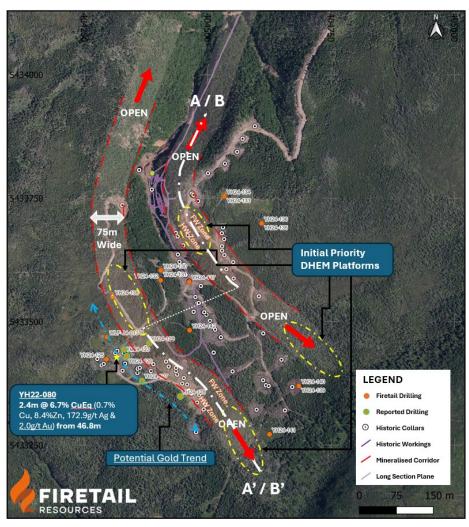
Firetail is also pleased to report the results of re-sampling historic drill core, highlighting one of the many growth opportunities identified at the Skyline Copper Project. By leveraging off existing drilling, Firetail has been able to expand and re-calculate known mineralised intercepts and discover new zones at a minimal cost. The historic core sampling results are from targeted areas where sampling had previously ended in mineralisation or aligned with projected mineralisation, with further re-sampling opportunities identified within the "mineralised corridor".

As the Company continues to enhance its understanding of the mineralisation and expand the scope of targeting, a gold-zinc-silver zone has been identified that had not been previously released to the market. This zone hosts minor amounts of copper sulphides and has been overlooked in most of the historic sampling programs. The stratigraphic sequence that hosts this new mineralised zone is supported by the formation sequences of VMS deposits.

Firetail has developed a targeted sampling program to further evaluate this potential new mineralised horizon in parallel with its existing exploration activities.

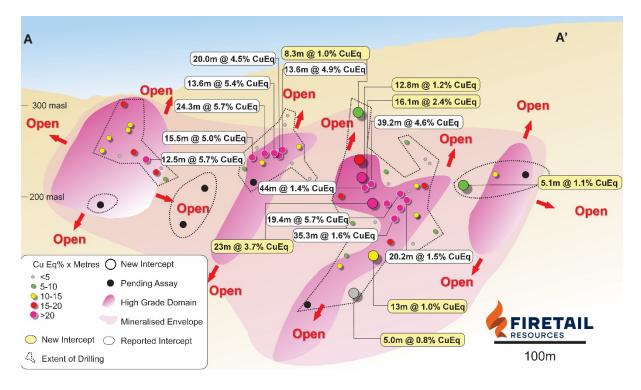
Importantly, results from the property-wide EM survey are due in the coming weeks with the Company's geophysical consultants currently interpreting the raw data, integrating historic data and incorporating data collected from the current drilling campaign.

Given the blind nature of VMS deposits in this district, the results of the EM survey in conjunction with the commencement of the upcoming DHEM program will be the major driving force for an aggressive property-wide exploration strategy leading into 2025.



Firetail Drilling Results Overview

Figure 2: Collar Plan of Previous Drilling, Current Drill Holes With Results, Drill Holes With Results Pending and Section Lines





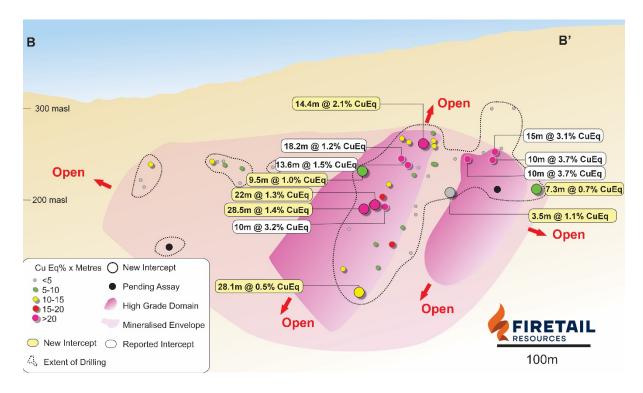


Figure 4: Footwall Lode Section

Sampling of Previous Drill Core

Through the process of Firetail undertaking re-logging of the drilling completed in 2022 by the York Harbour Metals, mineralised intercepts were identified, sampled and submitted for analysis. The results have increased the width of mineralisation intersected and provided further insights into the endowment of the system and potential extents of the mineralisation

This historic core sampling campaign also yielded further mineralised intercepts within the mineralised corridor, occurring both in and outside the noted mineralised lodes.

This further increases the potential scale of the mineralised system and reinforces the significant opportunity which Firetail is uncovering at the Skyline Project.

Further results from historical core sampling include:

- **14.4m @ 2.1 % CuEq** from 109.1m (previously 5.3m @ 2.8% CuEq from 113.7m) (YH22-078)
 - o Including 2.4m @ 4.5% CuEq from 109.1m
 - o And 3.5m @ 3.3% CuEq from 115.5m
- 27.5m @ 2.0% CuEq from 185.3m (previously 8.80m @ 3.3% CuEq from 190.2m) (YH22-078)
 - o Includes 13.7m @ 3.0% CuEq from 185.3m
- 22.0m @ 1.3% CuEq from 169.0m (previously 20.5m @ 1.3% CuEq from 170.5m) (YH22-71)
 - o Including 4.7m @ 3.0% CuEq from 180.0m
- 13.3m @ 1.0% CuEq from 237.0m (previously 9.8m @ 1.2% CuEq from 240.5m) (YH22-71)



Figure 5: YH22-78 - 204.0m - 205.0m - 1.86% Cu, 0.11% Zn, 3.4 g/t Ag (FTL Sample - Previously Untested)



Figure 6: YH24-126 - 170.20-170.70m, 3.16% CuEq - 3.09% Cu, 0.11% Zn, 12.1g/t Ag

About Firetail Resources

Firetail Resources (ASX: FTL) is an Australian-based copper exploration company focused on its flagship Skyline Copper Project located in Newfoundland, Canada.

The Skyline Copper Project is an advanced high-grade Copper-Zinc-Silver VMS Project in Newfoundland, Canada, host to historic production of 100,000 tonnes mined at 3-12% Cu, 7% Zn and 1-3oz/t Ag (refer to Firetail's ASX announcement dated 6 June 2024).

Firetail also has exposure to greenfield high-grade copper through its 70% holding in the Picha Copper-Silver Project and Charaque Copper Project in Peru. Picha is a very lightly explored copper-silver project where Firetail has identified multiple drill-ready targets; and Charaque is a copper project formerly subject to a farm-in deal with Barrick Gold Corporation.

The Company currently has active exploration programs across the Skyline Project, including processing of recently completed airborne EM survey, modelling of mineralisation intersected in recent drilling and analysis of drilling results. In Peru the in-country exploration team is conducting ground-based mapping and soil sampling to define existing and additional high potential copper targets.

This announcement has been authorised for release to the ASX by the Company's Board of Directors.

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Compliance Statement

Metal equivalents for the drilling completed at the Skyline Project have been calculated at a copper price of US\$9,000/t, silver price of US\$28/oz and zinc price of US\$2,700/t. Individual grades for the metals are set out at Tables 2, 3 and 4 of this announcement. Copper equivalent was calculated based on the formula CuEq (%) = Cu(%) + (Zn (%) x 0.30) + (Ag (g/t) x 0.010). It is acknowledged that other metals do occur within the mineralised intercepts but due to the irregular occurrence these have not been included in reporting to maintain consistency of comparable intercepts. Where other minerals are included, this will be noted with the intercepts with gold calculated using (Au (g/t) x 0.89) with a gold price of US\$2500/Oz.

Exploration Results

The information in this announcement is based on, and fairly represents information compiled by Mr Glenn Poole, a Competent Person who is a Member of the Australasian Institute of Mining and Metallurgy and 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 announcement of the matters based on this information in the form and context in which it appears.

Forward-looking statements

This announcement may contain certain "forward-looking statements". Forward looking statements can generally be identified by the use of forward-looking words such as, "expect", "should", "could", "may", "predict", "plan", "will", "believe", "forecast", "estimate", "target" and other similar expressions. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements. Forward-looking statements, opinions and estimates provided in this presentation are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward-looking statements including projections, guidance on future earnings and estimates are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance.

Previously Reported Information

The information in this report that references previously reported exploration results is extracted from the Company's ASX market announcements released on the date noted in the body of the text where that reference appears. The previous market announcements are available to view on the Company's website or on the ASX website (www.asx.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. 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 announcements.



Table 1: Collar Table Current and reported drilling

| Drilled By | Hole | Easting | Northing | RL | Dip | Azimuth | Total Depth (m) |
|------------|----------|----------|-----------|-------|-----|---------|-----------------|
| YHM | YH21-001 | 404276.3 | 5433424.7 | 355.0 | -45 | 60 | 248 |
| YHM | YH21-002 | 404285.2 | 5433411.6 | 356.1 | -45 | 60 | 44 |
| YHM | YH21-003 | 404289.2 | 5433414.5 | 356.5 | -45 | 60 | 27.25 |
| YHM | YH21-004 | 404331.9 | 5433415.4 | 359.2 | -60 | 60 | 218 |
| YHM | YH21-005 | 404385.1 | 5433400.0 | 368.0 | -60 | 60 | 185 |
| YHM | YH21-006 | 404358.6 | 5433406.8 | 361.8 | -60 | 60 | 206 |
| YHM | YH21-007 | 404345.3 | 5433442.0 | 359.3 | -60 | 60 | 134 |
| YHM | YH21-008 | 404528.5 | 5433679.0 | 360.6 | -60 | 240 | 140 |
| YHM | YH21-009 | 404386.7 | 5433767.5 | 308.3 | -45 | 60 | 20 |
| YHM | YH21-010 | 404468.4 | 5433759.1 | 351.7 | -75 | 240 | 204 |
| YHM | YH21-011 | 404468.6 | 5433758.1 | 351.7 | -50 | 269.5 | 102 |
| YHM | YH21-012 | 404480.8 | 5433744.2 | 353.0 | -75 | 240 | 36 |
| YHM | YH21-013 | 404438.9 | 5433672.5 | 337.6 | -60 | 60 | 125 |
| YHM | YH21-014 | 404435.5 | 5433679.6 | 337.4 | -60 | 60 | 132 |
| YHM | YH21-015 | 404450.6 | 5433654.6 | 340.0 | -60 | 60 | 161 |
| YHM | YH21-016 | 404459.4 | 5433675.1 | 346.5 | -60 | 60 | 137 |
| YHM | YH21-017 | 404452.6 | 5433614.9 | 341.7 | -60 | 60 | 143 |
| YHM | YH21-018 | 404442.7 | 5433621.1 | 340.0 | -60 | 60 | 164 |
| YHM | YH21-019 | 404439.6 | 5433636.1 | 335.5 | -60 | 60 | 150 |
| YHM | YH21-020 | 404441.9 | 5433598.2 | 349.0 | -60 | 60 | 164 |
| YHM | YH21-021 | 404455.1 | 5433594.7 | 351.1 | -60 | 60 | 122 |
| YHM | YH21-022 | 404327.5 | 5433400.8 | 359.5 | -60 | 60 | 236 |
| YHM | YH21-023 | 404338.5 | 5433431.4 | 359.3 | -60 | 60 | 200 |
| YHM | YH21-024 | 404330.8 | 5433437.5 | 358.5 | -60 | 60 | 176 |
| YHM | YH21-025 | 404357.6 | 5433396.1 | 362.9 | -60 | 60 | 209 |
| YHM | YH21-026 | 404390.8 | 5433414.2 | 367.0 | -60 | 60 | 161 |

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| Drilled By | Hole | Easting | Northing | RL | Dip | Azimuth | Total Depth (m) |
|------------|----------|----------|-----------|-------|-----|---------|-----------------|
| YHM | YH21-027 | 404415.5 | 5433419.4 | 368.6 | -60 | 60 | 140 |
| YHM | YH21-028 | 404421.8 | 5433409.5 | 369.8 | -60 | 60 | 179 |
| YHM | YH21-029 | 404422.2 | 5433409.7 | 369.9 | -45 | 60 | 146 |
| YHM | YH21-030 | 404458.4 | 5433372.8 | 374.9 | -60 | 60 | 149 |
| YHM | YH21-031 | 404461.7 | 5433361.0 | 375.5 | -60 | 60 | 194 |
| YHM | YH21-032 | 404466.4 | 5433354.5 | 376.5 | -60 | 60 | 167 |
| YHM | YH21-033 | 404482.7 | 5433351.7 | 378.3 | -60 | 60 | 150 |
| YHM | YH21-034 | 404477.9 | 5433335.9 | 377.9 | -60 | 60 | 179 |
| YHM | YH21-035 | 404491.8 | 5433322.4 | 380.8 | -60 | 60 | 168 |
| YHM | YH21-036 | 404495.2 | 5433332.5 | 380.4 | -60 | 60 | 161 |
| YHM | YH21-037 | 404451.6 | 5433385.8 | 373.5 | -60 | 60 | 146 |
| YHM | YH21-038 | 404327.0 | 5433736.0 | 345.8 | -60 | 60 | 161 |
| YHM | YH22-039 | 404448.3 | 5433374.9 | 373.7 | -60 | 60 | 170 |
| YHM | YH22-040 | 404438.2 | 5433392.9 | 372.5 | -60 | 60 | 170 |
| YHM | YH22-041 | 404435.9 | 5433400.1 | 371.6 | -60 | 60 | 149 |
| YHM | YH22-042 | 404478.5 | 5433336.4 | 377.6 | -45 | 60 | 122 |
| YHM | YH22-043 | 404467.7 | 5433355.0 | 376.5 | -45 | 60 | 127.2 |
| YHM | YH22-044 | 404467.0 | 5433354.6 | 376.5 | -75 | 60 | 221 |
| YHM | YH22-045 | 404420.9 | 5433409.2 | 369.8 | -75 | 60 | 212 |
| YHM | YH22-046 | 404389.3 | 5433413.4 | 367.0 | -75 | 60 | 209 |
| YHM | YH22-047 | 404390.1 | 5433413.9 | 367.0 | -45 | 60 | 161 |
| YHM | YH22-048 | 404357.3 | 5433404.0 | 362.4 | -60 | 60 | 248 |
| YHM | YH22-049 | 404358.2 | 5433404.5 | 362.3 | -45 | 60 | 27 |
| YHM | YH22-050 | 404362.4 | 5433406.7 | 362.3 | -45 | 60 | 203 |
| YHM | YH22-051 | 404333.0 | 5433415.5 | 359.3 | -50 | 60 | 209 |
| YHM | YH22-052 | 404332.5 | 5433415.2 | 359.2 | -70 | 60 | 251 |
| YHM | YH22-053 | 404329.8 | 5433437.1 | 358.3 | -75 | 60 | 251 |
| YHM | YH22-054 | 404316.8 | 5433440.9 | 358.2 | -60 | 60 | 221 |
| YHM | YH22-055 | 404373.8 | 5433448.7 | 360.0 | -60 | 60 | 98.4 |
| YHM | YH22-056 | 404471.4 | 5433520.1 | 360.1 | -70 | 240 | 211 |

| Drilled By | Hole | Easting | Northing | RL | Dip | Azimuth | Total Depth (m) |
|------------|----------|----------|-----------|-------|-----|---------|-----------------|
| YHM | YH22-057 | 404462.7 | 5433581.9 | 352.3 | -60 | 60 | 135 |
| YHM | YH22-058 | 404486.1 | 5433572.3 | 351.9 | -53 | 240 | 101 |
| YHM | YH22-059 | 404530.9 | 5433691.1 | 361.0 | -70 | 240 | 170 |
| YHM | YH22-060 | 404533.2 | 5433667.2 | 361.4 | -70 | 240 | 170 |
| YHM | YH22-061 | 404529.1 | 5433652.8 | 360.5 | -70 | 240 | 170 |
| YHM | YH22-062 | 404529.9 | 5433641.9 | 359.5 | -60 | 240 | 140 |
| YHM | YH22-063 | 404537.8 | 5433606.4 | 359.8 | -57 | 240 | 116 |
| YHM | YH22-064 | 404631.6 | 5434485.9 | 189.5 | -60 | 60 | 230 |
| YHM | YH22-065 | 404629.9 | 5434462.8 | 193.3 | -60 | 65 | 257 |
| YHM | YH22-066 | 404627.3 | 5434441.3 | 196.1 | -60 | 65 | 230 |
| YHM | YH22-067 | 404622.4 | 5434415.8 | 200.8 | -50 | 38 | 221 |
| YHM | YH22-068 | 404463.0 | 5433581.9 | 352.3 | -46 | 13 | 200 |
| YHM | YH22-069 | 404476.6 | 5433548.9 | 358.0 | -65 | 240 | 275 |
| YHM | YH22-070 | 404482.9 | 5433537.1 | 359.3 | -65 | 240 | 272 |
| YHM | YH22-071 | 404493.1 | 5433517.2 | 361.4 | -65 | 240 | 278 |
| YHM | YH22-072 | 404499.0 | 5433511.7 | 361.5 | -65 | 240 | 279 |
| YHM | YH22-073 | 404505.9 | 5433500.3 | 364.9 | -65 | 240 | 273 |
| YHM | YH22-074 | 404510.6 | 5433491.0 | 365.5 | -65 | 240 | 276 |
| YHM | YH22-075 | 404514.9 | 5433481.2 | 366.6 | -65 | 240 | 266 |
| YHM | YH22-076 | 404526.5 | 5433466.2 | 371.0 | -65 | 240 | 251 |
| YHM | YH22-077 | 404480.7 | 5433536.2 | 359.4 | -65 | 240 | 281 |
| YHM | YH22-078 | 404513.1 | 5433471.9 | 368.7 | -65 | 240 | 260 |
| YHM | YH22-079 | 404435.7 | 5433406.4 | 371.6 | -50 | 60 | 173 |
| YHM | YH22-080 | 404313.1 | 5433435.4 | 357.8 | -66 | 60 | 287 |
| YHM | YH22-081 | 404335.0 | 5433430.3 | 359.2 | -70 | 60 | 263 |
| YHM | YH22-082 | 404529.1 | 5433644.0 | 362.1 | -70 | 240 | 182 |
| YHM | YH22-083 | 404535.5 | 5433632.7 | 360.7 | -70 | 240 | 182 |
| YHM | YH22-084 | 404551.8 | 5433618.6 | 362.9 | -45 | 58.67 | 182 |
| YHM | YH22-085 | 404362.2 | 5433808.1 | 306.7 | -45 | 60 | 152 |
| YHM | YH22-086 | 404361.7 | 5433807.1 | 306.7 | -45 | 90 | 152 |

| Drilled By | Hole | Easting | Northing | RL | Dip | Azimuth | Total Depth (m) |
|------------|----------|----------|-----------|-------|-----|---------|-----------------|
| YHM | YH22-087 | 404361.1 | 5433805.2 | 306.7 | -45 | 120 | 152 |
| YHM | YH22-088 | 404656.3 | 5433320.4 | 402.0 | -45 | 60 | 28 |
| YHM | YH22-089 | 404600.0 | 5433320.5 | 388.8 | -45 | 60 | 155 |
| YHM | YH22-090 | 404672.2 | 5433365.6 | 387.9 | -45 | 60 | 152 |
| YHM | YH22-091 | 404617.9 | 5433371.4 | 388.3 | -45 | 60 | 152 |
| YHM | YH22-092 | 404649.4 | 5433421.8 | 378.4 | -45 | 60 | 176 |
| YHM | YH22-093 | 404550.7 | 5433397.9 | 382.3 | -45 | 60 | 176 |
| YHM | YH22-094 | 404613.3 | 5433474.0 | 369.0 | -45 | 60 | 176 |
| YHM | YH22-095 | 404527.2 | 5433467.1 | 371.0 | -45 | 60 | 179 |
| YHM | YH22-096 | 404495.1 | 5433518.1 | 361.4 | -45 | 60 | 176 |
| YHM | YH22-097 | 404604.8 | 5433549.4 | 366.5 | -45 | 60 | 176 |
| YHM | YH22-098 | 404552.5 | 5433587.5 | 365.2 | -45 | 60 | 176 |
| YHM | YH22-099 | 404614.2 | 5433379.7 | 380.1 | -45 | 60 | 176 |
| YHM | YH22-100 | 404625.7 | 5433368.1 | 381.8 | -45 | 60 | 176 |
| YHM | YH22-101 | 404469.0 | 5433757.6 | 351.7 | -60 | 300 | 131 |
| YHM | YH22-102 | 404468.5 | 5433756.8 | 351.7 | -55 | 285 | 131 |
| YHM | YH22-103 | 404468.8 | 5433756.7 | 351.7 | -70 | 285 | 167 |
| YHM | YH22-104 | 404471.3 | 5433754.2 | 351.7 | -45 | 275 | 113 |
| YHM | YH22-105 | 404471.7 | 5433754.2 | 351.7 | -55 | 270 | 161 |
| YHM | YH22-106 | 404472.2 | 5433754.2 | 351.7 | -70 | 270 | 155 |
| YHM | YH22-107 | 404472.1 | 5433753.8 | 351.7 | -60 | 260 | 133.1 |
| YHM | YH22-108 | 404472.4 | 5433753.8 | 351.7 | -73 | 260 | 161 |
| YHM | YH22-109 | 404472.2 | 5433754.7 | 351.7 | -75 | 300 | 161 |
| YHM | YH22-110 | 404591.7 | 5434199.8 | 226.8 | -50 | 90 | 236 |
| YHM | YH23-111 | 404500.8 | 5433798.1 | 351.9 | -45 | 300 | 200 |
| YHM | YH23-112 | 404536.5 | 5433818.6 | 354.1 | -45 | 300 | 200 |
| YHM | YH23-113 | 404560.2 | 5433842.8 | 353.2 | -45 | 300 | 197 |
| YHM | YH23-114 | 404572.0 | 5433869.0 | 349.1 | -45 | 300 | 176 |
| YHM | YH23-115 | 404597.8 | 5433895.9 | 341.5 | -45 | 300 | 176 |
| YHM | YH23-116 | 404477.8 | 5433275.1 | 382.2 | -45 | 120 | 200 |

| Drilled By | Hole | Easting | Northing | RL | Dip | Azimuth | Total Depth (m) |
|------------|----------|-----------|------------|-------|-----|---------|-----------------|
| YHM | YH23-117 | 404403.4 | 5433096.4 | 387.6 | -45 | 120 | 215 |
| YHM | YH23-118 | 5432875.0 | 404295.0 | 394.3 | -45 | 120 | 200 |
| YHM | YH23-119 | 5433011.0 | 404276.9 | 372.9 | -45 | 120 | 200 |
| YHM | YH23-120 | 403461.5 | 5432236.1 | 160.3 | -45 | 90 | 221 |
| YHM | YH23-121 | 403681.8 | 5432097.7 | 151.3 | -45 | 90 | 224 |
| YHM | YH23-122 | 403788.8 | 5432270.4 | 164.0 | -45 | 60 | 185 |
| FTL | YH24-123 | 404330.0 | 5433445.0 | 358.7 | -60 | 60 | 297 |
| FTL | YH24-126 | 404335.0 | 5433430 | 357.0 | -60 | 60 | 285 |
| NRM | YH-91-2 | 404534.28 | 5433755.43 | 358.8 | -55 | 260 | 249.9 |
| NRM | YH-91-5 | 404404.45 | 5433024.37 | 390.6 | -50 | 115 | 202.4 |

Table 2: Significant Intercept Assays

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu % | Zn % | Ag g/t | %CuEq | %CuEq*m |
|------------|----------|----------|---------------|--------------|------|-------|--------|-------|---------|
| YHM | YH21-001 | 210.27 | 212.00 | 1.73 | 0.69 | 17.55 | 15.67 | 6.11 | 10.58 |
| YHM | YH21-004 | 166.61 | 169.12 | 2.51 | 1.36 | 0.06 | 2.37 | 1.40 | 3.53 |
| YHM | YH21-004 | 180.03 | 193.69 | 13.66 | 1.73 | 0.52 | 1.72 | 1.91 | 26.07 |
| YHM | YH21-005 | 146.2 | 149.88 | 3.68 | 0.42 | 1.01 | 2.56 | 0.74 | 2.74 |
| YHM | YH21-005 | 159 | 167.30 | 8.30 | 0.41 | 0.22 | 1.94 | 0.50 | 4.13 |
| YHM | YH21-006 | 178.35 | 198.50 | 20.15 | 1.46 | 0.09 | 2.25 | 1.51 | 30.33 |
| YHM | YH21-008 | 122.3 | 122.90 | 0.60 | 0.89 | 0.83 | 4.30 | 1.18 | 0.71 |
| YHM | YH21-009 | 5 | 14.54 | 9.54 | 1.69 | 0.11 | 2.83 | 1.75 | 16.74 |
| YHM | YH21-010 | 123.78 | 127.47 | 3.69 | 0.80 | 0.21 | 2.21 | 0.89 | 3.28 |
| YHM | YH21-013 | 109.53 | 112.41 | 2.88 | 0.88 | 0.17 | 1.79 | 0.95 | 2.74 |
| YHM | YH21-014 | 106.08 | 116.00 | 9.92 | 1.00 | 0.13 | 1.75 | 1.06 | 10.49 |
| YHM | YH21-015 | 121.17 | 125.63 | 4.46 | 1.35 | 0.33 | 1.77 | 1.46 | 6.52 |
| YHM | YH21-015 | 140.9 | 142.85 | 1.95 | 2.26 | 0.43 | 3.94 | 2.43 | 4.73 |
| YHM | YH21-016 | 115.3 | 127.50 | 12.20 | 0.26 | 0.09 | 1.17 | 0.30 | 3.68 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu % | Zn % | Ag g/t | %CuEq | %CuEq*m |
|------------|----------|----------|---------------|--------------|------|-------|--------|-------|---------|
| YHM | YH21-017 | 120 | 126.51 | 6.51 | 0.36 | 0.16 | 1.13 | 0.42 | 2.73 |
| YHM | YH21-018 | 93.7 | 118.00 | 24.30 | 2.77 | 9.29 | 18.21 | 5.74 | 139.42 |
| YHM | YH21-019 | 97 | 112.50 | 15.50 | 3.28 | 5.04 | 17.97 | 4.97 | 77.11 |
| YHM | YH21-020 | 109.4 | 129.46 | 20.06 | 2.51 | 6.33 | 5.40 | 4.46 | 89.44 |
| YHM | YH21-021 | | | NSI | | | | 0.00 | 0.00 |
| YHM | YH21-022 | 166.62 | 186.00 | 19.38 | 1.76 | 12.46 | 19.15 | 5.69 | 110.27 |
| YHM | YH21-023 | 164.5 | 177.50 | 13.00 | 1.36 | 0.04 | 1.27 | 1.39 | 18.02 |
| YHM | YH21-024 | 147 | 186.15 | 39.15 | 4.34 | 0.61 | 7.06 | 4.59 | 179.64 |
| YHM | YH21-025 | 174.26 | 180.10 | 5.84 | 1.21 | 5.54 | 9.92 | 2.97 | 17.35 |
| YHM | YH21-026 | 150 | 156.00 | 6.00 | 0.62 | 0.10 | 4.29 | 0.70 | 4.18 |
| YHM | YH21-027 | 119.03 | 124.30 | 5.27 | 1.06 | 0.15 | 2.44 | 1.13 | 5.93 |
| YHM | YH21-028 | 123.64 | 133.00 | 9.36 | 1.05 | 0.13 | 2.81 | 1.12 | 10.47 |
| YHM | YH21-028 | 145.3 | 152.27 | 6.97 | 0.86 | 0.33 | 4.51 | 1.00 | 6.99 |
| YHM | YH21-029 | 130 | 136.10 | 6.10 | 1.21 | 0.30 | 3.41 | 1.33 | 8.14 |
| YHM | YH21-030 | 137 | 143.00 | 6.00 | 0.09 | 0.92 | 1.96 | 0.39 | 2.34 |
| YHM | YH21-031 | 141 | 151.00 | 10.00 | 1.51 | 6.05 | 32.30 | 3.65 | 36.49 |
| YHM | YH21-032 | 139 | 154.00 | 15.00 | 1.20 | 5.28 | 26.79 | 3.06 | 45.86 |
| YHM | YH21-033 | 139.65 | 144.28 | 4.63 | 0.38 | 1.13 | 1.60 | 0.74 | 3.41 |
| YHM | YH22-039 | 144.37 | 151.80 | 7.43 | 0.55 | 3.15 | 7.81 | 1.57 | 11.69 |
| YHM | YH22-040 | 144.5 | 146.55 | 2.05 | 0.52 | 0.22 | 4.56 | 0.63 | 1.29 |
| YHM | YH22-042 | 105.7 | 107.15 | 1.45 | 0.12 | 1.70 | 1.41 | 0.64 | 0.93 |
| YHM | YH22-043 | 102 | 106.00 | 4.00 | 0.03 | 0.13 | 3.53 | 0.10 | 0.39 |
| YHM | YH22-044 | 156.32 | 159.00 | 2.68 | 2.35 | 8.94 | 45.95 | 5.49 | 14.72 |
| YHM | YH22-045 | 138.63 | 139.70 | 1.07 | 1.10 | 8.98 | 11.09 | 3.91 | 4.18 |
| YHM | YH22-046 | 153.57 | 163.00 | 9.43 | 1.15 | 0.05 | 1.91 | 1.18 | 11.12 |
| YHM | YH22-046 | 187 | 199.35 | 12.35 | 0.88 | 0.28 | 2.10 | 0.98 | 12.16 |
| YHM | YH22-047 | 138.95 | 150.00 | 11.05 | 1.26 | 0.07 | 3.86 | 1.32 | 14.55 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu % | Zn % | Ag g/t | %CuEq | %CuEq*m |
|------------|----------|----------|---------------|--------------|------|------|--------|-------|---------|
| YHM | YH22-048 | 166.6 | 168.45 | 1.85 | 2.44 | 4.58 | 10.12 | 3.92 | 7.25 |
| YHM | YH22-050 | 141.4 | 146.00 | 4.60 | 1.20 | 0.32 | 3.02 | 1.32 | 6.09 |
| YHM | YH22-050 | 170.52 | 184.15 | 13.63 | 1.42 | 0.09 | 6.28 | 1.51 | 20.62 |
| YHM | YH22-051 | 175.55 | 178.65 | 3.10 | 2.81 | 0.12 | 5.35 | 2.90 | 9.00 |
| YHM | YH22-051 | 188 | 192.00 | 4.00 | 3.16 | 0.18 | 7.27 | 3.28 | 13.14 |
| YHM | YH22-052 | 217.05 | 236.09 | 19.04 | 0.80 | 0.57 | 1.59 | 0.98 | 18.74 |
| YHM | YH22-054 | 152.15 | 196.15 | 44.00 | 1.25 | 0.56 | 2.42 | 1.44 | 63.33 |
| YHM | YH22-056 | 172.28 | 182.30 | 10.02 | 1.60 | 0.05 | 2.85 | 1.64 | 16.43 |
| YHM | YH22-057 | 109.38 | 116.34 | 6.96 | 1.18 | 1.37 | 5.35 | 1.64 | 11.45 |
| YHM | YH22-059 | 137.4 | 139.50 | 2.10 | 1.13 | 0.13 | 16.66 | 1.33 | 2.80 |
| YHM | YH22-060 | 129.48 | 133.00 | 3.52 | 1.95 | 6.37 | 22.59 | 4.09 | 14.39 |
| YHM | YH22-061 | 115.34 | 128.92 | 13.58 | 3.02 | 7.24 | 21.42 | 5.40 | 73.38 |
| YHM | YH22-062 | | | NSI | | | | 0.00 | 0.00 |
| YHM | YH22-068 | 161 | 165.20 | 4.20 | 1.12 | 0.12 | 1.62 | 1.18 | 4.94 |
| YHM | YH22-069 | 245.25 | 248.00 | 2.75 | 2.75 | 0.08 | 3.10 | 2.81 | 7.73 |
| YHM | YH22-070 | 209.5 | 223.00 | 13.50 | 0.73 | 1.12 | 1.55 | 1.08 | 14.56 |
| YHM | YH22-070 | 248.1 | 260.40 | 12.30 | 1.10 | 0.14 | 1.45 | 1.16 | 14.26 |
| YHM | YH22-071 | 169 | 190.00 | 21.00 | 1.30 | 0.05 | 0.84 | 1.33 | 27.84 |
| YHM | YH22-071 | 240.5 | 250.30 | 9.80 | 1.19 | 0.05 | 1.37 | 1.22 | 11.91 |
| YHM | YH22-072 | 181.9 | 191.90 | 10.00 | 3.15 | 0.10 | 1.95 | 3.20 | 32.00 |
| YHM | YH22-073 | 173 | 182.00 | 9.00 | 1.18 | 0.05 | 1.00 | 1.21 | 10.88 |
| YHM | YH22-073 | 189 | 224.30 | 35.30 | 1.41 | 0.39 | 2.36 | 1.55 | 54.58 |
| YHM | YH22-074 | 105 | 111.00 | 6.00 | 1.77 | 0.07 | 3.47 | 1.82 | 10.94 |
| YHM | YH22-074 | 124.51 | 142.70 | 18.19 | 1.08 | 0.14 | 4.52 | 1.16 | 21.18 |
| YHM | YH22-074 | 174.35 | 195.32 | 20.97 | 0.92 | 0.08 | 5.01 | 0.99 | 20.83 |
| YHM | YH22-075 | 153 | 159.18 | 6.18 | 1.11 | 0.11 | 2.85 | 1.17 | 7.25 |
| YHM | YH22-075 | 190.38 | 191.70 | 1.32 | 1.72 | 0.20 | 18.77 | 1.97 | 2.59 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu % | Zn % | Ag g/t | %CuEq | %CuEq*m |
|------------|----------|----------|---------------|--------------|------|-------|--------|-------|---------|
| YHM | YH22-075 | 198.67 | 202.00 | 3.33 | 0.93 | 0.09 | 6.13 | 1.01 | 3.38 |
| YHM | YH22-075 | 240 | 243.00 | 3.00 | 0.97 | 0.12 | 2.21 | 1.03 | 3.08 |
| YHM | YH22-076 | 111.6 | 122.00 | 10.40 | 1.23 | 0.27 | 3.41 | 1.34 | 13.98 |
| YHM | YH22-076 | 139.76 | 147.50 | 7.74 | 0.95 | 0.28 | 2.41 | 1.06 | 8.21 |
| YHM | YH22-077 | 203.5 | 215.00 | 11.50 | 0.16 | 1.54 | 1.54 | 0.64 | 7.35 |
| YHM | YH22-078 | 109.1 | 123.50 | 14.40 | 1.69 | 1.38 | 2.52 | 2.13 | 30.69 |
| YHM | YH22-078 | 185.26 | 211.60 | 26.34 | 1.94 | 0.13 | 2.94 | 2.01 | 52.82 |
| YHM | YH22-080 | 34.5 | 36.62 | 2.12 | 2.24 | 0.13 | 3.29 | 2.31 | 4.90 |
| YHM | YH22-081 | 198.41 | 201.33 | 2.92 | 0.39 | 2.21 | 2.91 | 1.09 | 3.17 |
| YHM | YH22-081 | 231.95 | 239.55 | 7.60 | 1.11 | 0.23 | 0.68 | 1.19 | 9.01 |
| YHM | YH22-082 | 111.78 | 125.33 | 13.55 | 2.45 | 7.61 | 17.08 | 4.90 | 66.44 |
| YHM | YH22-083 | 132.65 | 134.95 | 2.30 | 1.34 | 0.06 | 2.75 | 1.39 | 3.19 |
| YHM | YH22-084 | 149.1 | 152.80 | 3.70 | 0.75 | 0.08 | 2.44 | 0.80 | 2.97 |
| YHM | YH22-086 | 82.75 | 92.30 | 9.55 | 0.75 | 0.28 | 2.81 | 0.86 | 8.26 |
| YHM | YH22-087 | 51.5 | 64.92 | 13.42 | 0.86 | 0.29 | 1.07 | 0.96 | 12.89 |
| YHM | YH22-101 | 121.45 | 127.00 | 5.55 | 1.48 | 0.40 | 9.56 | 1.70 | 9.44 |
| YHM | YH22-102 | 123 | 131.00 | 8.00 | 0.38 | 0.69 | 1.80 | 0.61 | 4.88 |
| YHM | YH22-103 | 135.95 | 140.00 | 4.05 | 0.76 | 0.14 | 2.08 | 0.82 | 3.32 |
| YHM | YH22-104 | 105 | 108.00 | 3.00 | 3.26 | 4.09 | 15.14 | 4.64 | 13.92 |
| YHM | YH22-104 | 112 | 113.00 | 1.00 | 6.88 | 12.05 | 39.75 | 10.89 | 10.89 |
| YHM | YH22-105 | 119.95 | 129.22 | 9.27 | 1.88 | 0.11 | 3.96 | 1.95 | 18.05 |
| YHM | YH22-106 | 114.45 | 124.20 | 9.75 | 1.38 | 0.10 | 3.02 | 1.44 | 14.03 |
| YHM | YH22-107 | 120.62 | 133.10 | 12.48 | 3.61 | 6.53 | 10.96 | 5.68 | 70.89 |
| YHM | YH22-108 | 121.35 | 135.65 | 14.30 | 0.90 | 0.27 | 1.85 | 1.00 | 14.26 |
| YHM | YH22-109 | 141.28 | 143.35 | 2.07 | 0.71 | 0.08 | 1.53 | 0.75 | 1.55 |
| FTL | YH24-123 | 152 | 168.07 | 16.07 | 1.58 | 2.55 | 5.52 | 2.40 | 38.60 |
| FTL | YH24-123 | 185.66 | 214.19 | 28.53 | 1.41 | 0.04 | 1.04 | 1.44 | 41.01 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu % | Zn % | Ag g/t | %CuEq | %CuEq*m |
|------------|----------|----------|---------------|--------------|------|------|--------|-------|---------|
| FTL | YH24-126 | 152.05 | 188.00 | 35.95 | 2.35 | 0.59 | 2.94 | 2.56 | 92.02 |
| NRN | YH-90-2 | 168.5 | 174.20 | 5.70 | 0.97 | 0.10 | 3.45 | 1.03 | 5.87 |

Table 3: Current Drilling Results

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu ppm | Cu % | Zn ppm | Zn % | Ag g/t |
|------------|----------|----------|---------------|--------------|--------|------|--------|------|--------|
| FTL | YH24-126 | 105.5 | 106.5 | 1 | 81 | 0.01 | 60 | 0.01 | <0.2 |
| FTL | YH24-126 | 106.5 | 107.5 | 1 | 83 | 0.01 | 61 | 0.01 | <0.2 |
| FTL | YH24-126 | 107.5 | 108.5 | 1 | 87 | 0.01 | 57 | 0.01 | 0.2 |
| FTL | YH24-126 | 108.5 | 109.5 | 1 | 90 | 0.01 | 56 | 0.01 | <0.2 |
| FTL | YH24-126 | 109.5 | 110.5 | 1 | 88 | 0.01 | 56 | 0.01 | <0.2 |
| FTL | YH24-126 | 110.5 | 111.23 | 0.73 | 96 | 0.01 | 57 | 0.01 | <0.2 |
| FTL | YH24-126 | 111.23 | 111.94 | 0.71 | 84 | 0.01 | 53 | 0.01 | <0.2 |
| FTL | YH24-126 | 111.94 | 112.64 | 0.7 | 86 | 0.01 | 56 | 0.01 | <0.2 |
| FTL | YH24-126 | 112.64 | 113.51 | 0.87 | 93 | 0.01 | 72 | 0.01 | <0.2 |
| FTL | YH24-126 | 113.51 | 114.3 | 0.79 | 71 | 0.01 | 62 | 0.01 | <0.2 |
| FTL | YH24-126 | 114.3 | 115 | 0.7 | 74 | 0.01 | 101 | 0.01 | <0.2 |
| FTL | YH24-126 | 115 | 116 | 1 | 91 | 0.01 | 89 | 0.01 | <0.2 |
| FTL | YH24-126 | 116 | 117 | 1 | 90 | 0.01 | 57 | 0.01 | <0.2 |
| FTL | YH24-126 | 117 | 118 | 1 | 116 | 0.01 | 195 | 0.02 | <0.2 |
| FTL | YH24-126 | 118 | 118.5 | 0.5 | 703 | 0.07 | 12100 | 1.21 | 8.9 |
| FTL | YH24-126 | 118.5 | 119.5 | 1 | 241 | 0.02 | 1753 | 0.18 | <0.2 |
| FTL | YH24-126 | 119.5 | 120.5 | 1 | 361 | 0.04 | 4200 | 0.42 | 0.3 |
| FTL | YH24-126 | 120.5 | 121.5 | 1 | 145 | 0.01 | 1309 | 0.13 | 0.3 |
| FTL | YH24-126 | 121.5 | 122.5 | 1 | 904 | 0.09 | 12200 | 1.22 | 1.5 |
| FTL | YH24-126 | 122.5 | 123.5 | 1 | 1731 | 0.17 | 16500 | 1.65 | 1.7 |
| FTL | YH24-126 | 123.5 | 124.5 | 1 | 276 | 0.03 | 2900 | 0.29 | <0.2 |
| FTL | YH24-126 | 124.5 | 125.5 | 1 | 333 | 0.03 | 3200 | 0.32 | <0.2 |
| FTL | YH24-126 | 125.5 | 126.5 | 1 | 688 | 0.07 | 8100 | 0.81 | 0.2 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu ppm | Cu % | Zn ppm | Zn % | Ag g/t |
|------------|----------|----------|---------------|--------------|--------|------|--------|------|--------|
| FTL | YH24-126 | 126.5 | 127.5 | 1 | 675 | 0.07 | 4900 | 0.49 | <0.2 |
| FTL | YH24-126 | 127.5 | 128.5 | 1 | 204 | 0.02 | 3100 | 0.31 | <0.2 |
| FTL | YH24-126 | 128.5 | 129.0 | 0.5 | 243 | 0.02 | 1489 | 0.15 | <0.2 |
| FTL | YH24-126 | 129.0 | 129.5 | 0.5 | 693 | 0.07 | 5300 | 0.53 | <0.2 |
| FTL | YH24-126 | 129.5 | 130.5 | 1 | 211 | 0.02 | 1210 | 0.12 | <0.2 |
| FTL | YH24-126 | 130.5 | 131.5 | 1 | 210 | 0.02 | 1642 | 0.16 | <0.2 |
| FTL | YH24-126 | 131.5 | 132.5 | 1 | 513 | 0.05 | 1356 | 0.14 | <0.2 |
| FTL | YH24-126 | 132.5 | 133.5 | 1 | 332 | 0.03 | 3200 | 0.32 | <0.2 |
| FTL | YH24-126 | 133.5 | 134.5 | 1 | 205 | 0.02 | 1216 | 0.12 | <0.2 |
| FTL | YH24-126 | 134.5 | 135.5 | 1 | 404 | 0.04 | 3200 | 0.32 | <0.2 |
| FTL | YH24-126 | 135.5 | 136.5 | 1 | 853 | 0.09 | 3100 | 0.31 | <0.2 |
| FTL | YH24-126 | 136.5 | 137.5 | 1 | 617 | 0.06 | 887 | 0.09 | <0.2 |
| FTL | YH24-126 | 137.5 | 138.5 | 1 | 1177 | 0.12 | 5300 | 0.53 | <0.2 |
| FTL | YH24-126 | 138.5 | 139.5 | 1 | 23 | 0.00 | 285 | 0.03 | <0.2 |
| FTL | YH24-126 | 139.5 | 140.55 | 1.05 | 301 | 0.03 | 239 | 0.02 | <0.2 |
| FTL | YH24-126 | 140.55 | 141.5 | 0.95 | 105 | 0.01 | 103 | 0.01 | <0.2 |
| FTL | YH24-126 | 141.5 | 142.5 | 1 | 103 | 0.01 | 94 | 0.01 | <0.2 |
| FTL | YH24-126 | 142.5 | 143.5 | 1 | 260 | 0.03 | 185 | 0.02 | <0.2 |
| FTL | YH24-126 | 143.5 | 144.5 | 1 | 183 | 0.02 | 136 | 0.01 | <0.2 |
| FTL | YH24-126 | 144.5 | 145.5 | 1 | 109 | 0.01 | 104 | 0.01 | <0.2 |
| FTL | YH24-126 | 145.5 | 146.23 | 0.73 | 101 | 0.01 | 96 | 0.01 | <0.2 |
| FTL | YH24-126 | 146.23 | 146.96 | 0.73 | 111 | 0.01 | 99 | 0.01 | <0.2 |
| FTL | YH24-126 | 146.96 | 147.74 | 0.78 | 117 | 0.01 | 104 | 0.01 | <0.2 |
| FTL | YH24-126 | 147.74 | 148.49 | 0.75 | 80 | 0.01 | 123 | 0.01 | <0.2 |
| FTL | YH24-126 | 148.49 | 149.39 | 0.9 | 69 | 0.01 | 189 | 0.02 | <0.2 |
| FTL | YH24-126 | 149.39 | 150.3 | 0.91 | 259 | 0.03 | 234 | 0.02 | <0.2 |
| FTL | YH24-126 | 150.3 | 151.3 | 1 | 39 | 0.00 | 114 | 0.01 | <0.2 |
| FTL | YH24-126 | 151.3 | 152.05 | 0.75 | 43 | 0.00 | 131 | 0.01 | <0.2 |
| FTL | YH24-126 | 152.05 | 152.66 | 0.61 | 19300 | 1.93 | 3700 | 0.37 | 5.9 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu ppm | Cu % | Zn ppm | Zn % | Ag g/t |
|------------|----------|----------|---------------|--------------|--------|-------|--------|------|--------|
| FTL | YH24-126 | 152.66 | 153.16 | 0.5 | 24000 | 2.40 | 720 | 0.07 | 4.2 |
| FTL | YH24-126 | 153.16 | 153.92 | 0.76 | 26900 | 2.69 | 820 | 0.08 | 4.1 |
| FTL | YH24-126 | 153.92 | 154.42 | 0.5 | 68300 | 6.83 | 2500 | 0.25 | 7.6 |
| FTL | YH24-126 | 154.42 | 154.92 | 0.5 | 88700 | 8.87 | 2800 | 0.28 | 9.5 |
| FTL | YH24-126 | 154.92 | 155.42 | 0.5 | 85300 | 8.53 | 2700 | 0.27 | 7.8 |
| FTL | YH24-126 | 155.42 | 156.06 | 0.64 | 50500 | 5.05 | 1388 | 0.14 | 5.2 |
| FTL | YH24-126 | 156.06 | 156.56 | 0.5 | 34300 | 3.43 | 952 | 0.10 | 3.8 |
| FTL | YH24-126 | 156.56 | 157.06 | 0.5 | 42100 | 4.21 | 1053 | 0.11 | 4.3 |
| FTL | YH24-126 | 157.06 | 157.74 | 0.68 | 98500 | 9.85 | 2700 | 0.27 | 9.3 |
| FTL | YH24-126 | 157.74 | 158.42 | 0.68 | 115500 | 11.55 | 4200 | 0.42 | 14.1 |
| FTL | YH24-126 | 158.42 | 159.1 | 0.68 | 1531 | 0.15 | 180 | 0.02 | <0.2 |
| FTL | YH24-126 | 159.1 | 159.6 | 0.5 | 392 | 0.04 | 144 | 0.01 | <0.2 |
| FTL | YH24-126 | 159.6 | 160.1 | 0.5 | 85 | 0.01 | 113 | 0.01 | <0.2 |
| FTL | YH24-126 | 160.1 | 160.6 | 0.5 | 450 | 0.05 | 127 | 0.01 | <0.2 |
| FTL | YH24-126 | 160.6 | 161.25 | 0.65 | 71300 | 7.13 | 2400 | 0.24 | 8.9 |
| FTL | YH24-126 | 161.25 | 161.9 | 0.65 | 28800 | 2.88 | 837 | 0.08 | 3.8 |
| FTL | YH24-126 | 161.9 | 162.4 | 0.5 | 66100 | 6.61 | 2500 | 0.25 | 8.7 |
| FTL | YH24-126 | 162.4 | 162.9 | 0.5 | 44100 | 4.41 | 1544 | 0.15 | 5.9 |
| FTL | YH24-126 | 162.9 | 163.4 | 0.5 | 39700 | 3.97 | 1382 | 0.14 | 5.5 |
| FTL | YH24-126 | 163.4 | 164 | 0.6 | 42900 | 4.29 | 1174 | 0.12 | 5.8 |
| FTL | YH24-126 | 164 | 164.6 | 0.6 | 38800 | 3.88 | 1419 | 0.14 | 6.2 |
| FTL | YH24-126 | 164.6 | 165.1 | 0.5 | 60800 | 6.08 | 1721 | 0.17 | 7.9 |
| FTL | YH24-126 | 165.1 | 166.1 | 1 | 25100 | 2.51 | 726 | 0.07 | 2.7 |
| FTL | YH24-126 | 166.1 | 167.1 | 1 | 34800 | 3.48 | 928 | 0.09 | 3.8 |
| FTL | YH24-126 | 167.1 | 168.1 | 1 | 21100 | 2.11 | 695 | 0.07 | 2.3 |
| FTL | YH24-126 | 168.1 | 169.1 | 1 | 14300 | 1.43 | 531 | 0.05 | 1.5 |
| FTL | YH24-126 | 169.1 | 169.7 | 0.6 | 24900 | 2.49 | 866 | 0.09 | 2.8 |
| FTL | YH24-126 | 169.7 | 170.2 | 0.5 | 98900 | 9.89 | 3700 | 0.37 | 12.1 |
| FTL | YH24-126 | 170.2 | 170.7 | 0.5 | 30900 | 3.09 | 1131 | 0.11 | 3.6 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu ppm | Cu % | Zn ppm | Zn % | Ag g/t |
|------------|----------|----------|---------------|--------------|--------|------|--------|------|--------|
| FTL | YH24-126 | 170.7 | 171.2 | 0.5 | 5918 | 0.59 | 314 | 0.03 | 0.7 |
| FTL | YH24-126 | 171.2 | 172.1 | 0.9 | 2693 | 0.27 | 420 | 0.04 | 0.2 |
| FTL | YH24-126 | 172.1 | 172.75 | 0.65 | 9626 | 0.96 | 503 | 0.05 | 1.2 |
| FTL | YH24-126 | 172.75 | 173.36 | 0.61 | 18200 | 1.82 | 793 | 0.08 | 2.9 |
| FTL | YH24-126 | 173.36 | 174 | 0.64 | 9482 | 0.95 | 438 | 0.04 | 1.5 |
| FTL | YH24-126 | 174 | 174.5 | 0.5 | 5798 | 0.58 | 492 | 0.05 | 0.9 |
| FTL | YH24-126 | 174.5 | 175 | 0.5 | 14300 | 1.43 | 91000 | 9.10 | 1.9 |
| FTL | YH24-126 | 175 | 175.5 | 0.5 | 2653 | 0.27 | 451 | 0.05 | <0.2 |
| FTL | YH24-126 | 175.5 | 176 | 0.5 | 4906 | 0.49 | 3900 | 0.39 | 0.7 |
| FTL | YH24-126 | 176 | 177 | 1 | 1428 | 0.14 | 4100 | 0.41 | <0.2 |
| FTL | YH24-126 | 177 | 178 | 1 | 4156 | 0.42 | 2800 | 0.28 | 0.5 |
| FTL | YH24-126 | 178 | 179 | 1 | 1277 | 0.13 | 9700 | 0.97 | <0.2 |
| FTL | YH24-126 | 179 | 180 | 1 | 1377 | 0.14 | 8300 | 0.83 | <0.2 |
| FTL | YH24-126 | 180 | 181 | 1 | 3678 | 0.37 | 4900 | 0.49 | 0.6 |
| FTL | YH24-126 | 181 | 182 | 1 | 5221 | 0.52 | 6600 | 0.66 | 1.0 |
| FTL | YH24-126 | 182 | 183 | 1 | 1796 | 0.18 | 13000 | 1.30 | 0.5 |
| FTL | YH24-126 | 183 | 184 | 1 | 1976 | 0.20 | 19900 | 1.99 | 0.7 |
| FTL | YH24-126 | 184 | 185 | 1 | 1413 | 0.14 | 16900 | 1.69 | 0.8 |
| FTL | YH24-126 | 185 | 186 | 1 | 933 | 0.09 | 11300 | 1.13 | 0.3 |
| FTL | YH24-126 | 186 | 187 | 1 | 1267 | 0.13 | 16500 | 1.65 | 0.4 |
| FTL | YH24-126 | 187 | 188 | 1 | 1765 | 0.18 | 20000 | 2.00 | 1.1 |
| FTL | YH24-126 | 188 | 189 | 1 | 1667 | 0.17 | 6600 | 0.66 | 0.9 |
| FTL | YH24-126 | 189 | 190 | 1 | 2375 | 0.24 | 9300 | 0.93 | 1.4 |
| FTL | YH24-126 | 190 | 190.87 | 0.87 | 666 | 0.07 | 11600 | 1.16 | 0.9 |
| FTL | YH24-126 | 190.87 | 191.5 | 0.63 | 315 | 0.03 | 863 | 0.09 | 0.7 |
| FTL | YH24-126 | 191.5 | 192.5 | 1 | 303 | 0.03 | 2600 | 0.26 | 0.8 |
| FTL | YH24-126 | 192.5 | 193.5 | 1 | 85 | 0.01 | 171 | 0.02 | <0.2 |
| FTL | YH24-126 | 193.5 | 194.5 | 1 | 477 | 0.05 | 11900 | 1.19 | 0.3 |
| FTL | YH24-126 | 194.5 | 195.5 | 1 | 128 | 0.01 | 991 | 0.10 | <0.2 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu ppm | Cu % | Zn ppm | Zn % | Ag g/t |
|------------|----------|----------|---------------|--------------|--------|------|--------|------|--------|
| FTL | YH24-126 | 195.5 | 196 | 0.5 | 92 | 0.01 | 682 | 0.07 | <0.2 |
| FTL | YH24-126 | 196 | 197 | 1 | 278 | 0.03 | 6600 | 0.66 | <0.2 |
| FTL | YH24-126 | 197 | 198 | 1 | 808 | 0.08 | 12100 | 1.21 | 0.4 |
| FTL | YH24-126 | 198 | 199 | 1 | 778 | 0.08 | 7500 | 0.75 | 0.4 |
| FTL | YH24-126 | 199 | 200 | 1 | 454 | 0.05 | 13000 | 1.30 | 0.7 |
| FTL | YH24-126 | 200 | 201 | 1 | 419 | 0.04 | 10700 | 1.07 | 0.9 |
| FTL | YH24-126 | 201 | 202 | 1 | 318 | 0.03 | 7200 | 0.72 | 0.3 |
| FTL | YH24-126 | 202 | 203 | 1 | 376 | 0.04 | 7300 | 0.73 | <0.2 |
| FTL | YH24-126 | 203 | 204 | 1 | 373 | 0.04 | 9300 | 0.93 | 1.8 |
| FTL | YH24-126 | 204 | 205 | 1 | 1030 | 0.10 | 18700 | 1.87 | 1.1 |
| FTL | YH24-126 | 205 | 206 | 1 | 593 | 0.06 | 10700 | 1.07 | 0.9 |
| FTL | YH24-126 | 206 | 207 | 1 | 414 | 0.04 | 5800 | 0.58 | 0.7 |
| FTL | YH24-126 | 207 | 208 | 1 | 268 | 0.03 | 4900 | 0.49 | 1.9 |
| FTL | YH24-126 | 208 | 209 | 1 | 457 | 0.05 | 8100 | 0.81 | 0.8 |
| FTL | YH24-126 | 209 | 210 | 1 | 950 | 0.10 | 8700 | 0.87 | 0.4 |
| FTL | YH24-126 | 210 | 211 | 1 | 465 | 0.05 | 8800 | 0.88 | <0.2 |
| FTL | YH24-126 | 211 | 212 | 1 | 576 | 0.06 | 11500 | 1.15 | <0.2 |
| FTL | YH24-126 | 212 | 213 | 1 | 428 | 0.04 | 8200 | 0.82 | 0.2 |
| FTL | YH24-126 | 213 | 214 | 1 | 437 | 0.04 | 6500 | 0.65 | 0.5 |
| FTL | YH24-126 | 214 | 215 | 1 | 2663 | 0.27 | 14100 | 1.41 | 0.7 |
| FTL | YH24-126 | 215 | 216 | 1 | 2545 | 0.25 | 29700 | 2.97 | 1.4 |
| FTL | YH24-126 | 216 | 217 | 1 | 6093 | 0.61 | 59100 | 5.91 | 2.8 |
| FTL | YH24-126 | 217 | 218 | 1 | 4610 | 0.46 | 56300 | 5.63 | 1.9 |
| FTL | YH24-126 | 218 | 218.5 | 0.5 | 1700 | 0.17 | 23100 | 2.31 | 0.4 |
| FTL | YH24-126 | 218.5 | 219 | 0.5 | 2368 | 0.24 | 16000 | 1.60 | 0.7 |
| FTL | YH24-126 | 219 | 220 | 1 | 1233 | 0.12 | 7400 | 0.74 | 0.6 |
| FTL | YH24-126 | 220 | 221 | 1 | 1310 | 0.13 | 3900 | 0.39 | 0.6 |
| FTL | YH24-126 | 221 | 222 | 1 | 1934 | 0.19 | 1491 | 0.15 | 0.5 |
| FTL | YH24-126 | 222 | 223 | 1 | 998 | 0.10 | 1907 | 0.19 | <0.2 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu ppm | Cu % | Zn ppm | Zn % | Ag g/t |
|------------|----------|----------|---------------|--------------|--------|------|--------|------|--------|
| FTL | YH24-126 | 223 | 223.5 | 0.5 | 374 | 0.04 | 379 | 0.04 | <0.2 |
| FTL | YH24-126 | 223.5 | 224.12 | 0.62 | 2774 | 0.28 | 613 | 0.06 | 1.1 |
| FTL | YH24-126 | 224.12 | 225 | 0.88 | 1357 | 0.14 | 254 | 0.03 | 0.6 |
| FTL | YH24-126 | 225 | 226 | 1 | 69 | 0.01 | 115 | 0.01 | <0.2 |
| FTL | YH24-126 | 226 | 227 | 1 | 139 | 0.01 | 121 | 0.01 | <0.2 |
| FTL | YH24-126 | 227 | 228 | 1 | 56 | 0.01 | 191 | 0.02 | <0.2 |
| FTL | YH24-126 | 228 | 229 | 1 | 178 | 0.02 | 147 | 0.01 | <0.2 |
| FTL | YH24-126 | 229 | 230 | 1 | 1058 | 0.11 | 834 | 0.08 | 0.8 |
| FTL | YH24-126 | 230 | 231 | 1 | 1389 | 0.14 | 1902 | 0.19 | 0.3 |
| FTL | YH24-126 | 231 | 232 | 1 | 1191 | 0.12 | 3600 | 0.36 | 0.2 |
| FTL | YH24-126 | 232 | 233 | 1 | 551 | 0.06 | 600 | 0.06 | 0.2 |
| FTL | YH24-126 | 233 | 234 | 1 | 538 | 0.05 | 175 | 0.02 | <0.2 |
| FTL | YH24-126 | 234 | 235 | 1 | 2665 | 0.27 | 319 | 0.03 | 0.8 |
| FTL | YH24-126 | 235 | 236 | 1 | 223 | 0.02 | 611 | 0.06 | <0.2 |
| FTL | YH24-126 | 236 | 237 | 1 | 1030 | 0.10 | 373 | 0.04 | 0.2 |
| FTL | YH24-126 | 237 | 238 | 1 | 1998 | 0.20 | 741 | 0.07 | 0.4 |
| FTL | YH24-126 | 238 | 239 | 1 | 1503 | 0.15 | 1147 | 0.11 | 0.2 |
| FTL | YH24-126 | 239 | 240 | 1 | 3168 | 0.32 | 874 | 0.09 | 0.7 |
| FTL | YH24-126 | 240 | 241 | 1 | 418 | 0.04 | 922 | 0.09 | <0.2 |
| FTL | YH24-126 | 241 | 242 | 1 | 852 | 0.09 | 583 | 0.06 | 1.3 |
| FTL | YH24-126 | 242 | 243 | 1 | 1233 | 0.12 | 809 | 0.08 | 1.9 |
| FTL | YH24-126 | 243 | 244 | 1 | 706 | 0.07 | 503 | 0.05 | 1.0 |
| FTL | YH24-126 | 244 | 245 | 1 | 765 | 0.08 | 485 | 0.05 | 1.0 |
| FTL | YH24-126 | 245 | 246 | 1 | 1553 | 0.16 | 866 | 0.09 | 4.8 |
| FTL | YH24-126 | 246 | 247 | 1 | 1358 | 0.14 | 460 | 0.05 | <0.2 |
| FTL | YH24-126 | 247 | 248 | 1 | 310 | 0.03 | 655 | 0.07 | <0.2 |
| FTL | YH24-126 | 248 | 249 | 1 | 486 | 0.05 | 5000 | 0.50 | <0.2 |
| FTL | YH24-126 | 249 | 250 | 1 | 430 | 0.04 | 963 | 0.10 | <0.2 |
| FTL | YH24-126 | 250 | 251 | 1 | 364 | 0.04 | 838 | 0.08 | <0.2 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu ppm | Cu % | Zn ppm | Zn % | Ag g/t |
|------------|----------|----------|---------------|--------------|--------|------|--------|------|--------|
| FTL | YH24-126 | 251 | 252 | 1 | 1463 | 0.15 | 553 | 0.06 | <0.2 |
| FTL | YH24-126 | 252.5 | 253.5 | 1 | 15000 | 1.50 | 1073 | 0.11 | 3.3 |
| FTL | YH24-126 | 253.5 | 254.5 | 1 | 211 | 0.02 | 623 | 0.06 | <0.2 |
| FTL | YH24-126 | 254.5 | 255.5 | 1 | 359 | 0.04 | 345 | 0.03 | <0.2 |
| FTL | YH24-126 | 255.5 | 256.5 | 1 | 1469 | 0.15 | 3300 | 0.33 | 0.4 |
| FTL | YH24-126 | 256.5 | 257.5 | 1 | 446 | 0.04 | 1540 | 0.15 | <0.2 |
| FTL | YH24-126 | 257.5 | 258.5 | 1 | 1274 | 0.13 | 987 | 0.10 | 0.3 |
| FTL | YH24-126 | 258.5 | 259.5 | 1 | 428 | 0.04 | 2193 | 0.22 | <0.2 |
| FTL | YH24-126 | 259.5 | 260.5 | 1 | 668 | 0.07 | 393 | 0.04 | <0.2 |
| FTL | YH24-126 | 260.5 | 261.5 | 1 | 964 | 0.10 | 1719 | 0.17 | 0.3 |
| FTL | YH24-126 | 261.5 | 262.5 | 1 | 220 | 0.02 | 849 | 0.08 | <0.2 |
| FTL | YH24-126 | 262.5 | 263.5 | 1 | 247 | 0.02 | 2500 | 0.25 | <0.2 |
| FTL | YH24-126 | 263.5 | 264.5 | 1 | 389 | 0.04 | 949 | 0.09 | <0.2 |
| FTL | YH24-126 | 264.5 | 265.5 | 1 | 61 | 0.01 | 645 | 0.06 | <0.2 |
| FTL | YH24-126 | 265.5 | 266.5 | 1 | 390 | 0.04 | 897 | 0.09 | <0.2 |
| FTL | YH24-126 | 266.5 | 267.5 | 1 | 1968 | 0.20 | 1182 | 0.12 | 1.5 |
| FTL | YH24-126 | 267.5 | 268.5 | 1 | 3134 | 0.31 | 3100 | 0.31 | 1.0 |
| FTL | YH24-126 | 268.5 | 269.5 | 1 | 4085 | 0.41 | 1353 | 0.14 | 4.5 |
| FTL | YH24-126 | 269.5 | 270.5 | 1 | 320 | 0.03 | 477 | 0.05 | <0.2 |
| FTL | YH24-126 | 270.5 | 271.5 | 1 | 250 | 0.03 | 293 | 0.03 | <0.2 |
| FTL | YH24-126 | 271.5 | 272.5 | 1 | 217 | 0.02 | 254 | 0.03 | <0.2 |
| FTL | YH24-126 | 272.5 | 273.5 | 1 | 77 | 0.01 | 228 | 0.02 | <0.2 |
| FTL | YH24-126 | 273.5 | 274.5 | 1 | 172 | 0.02 | 258 | 0.03 | <0.2 |
| FTL | YH24-126 | 274.5 | 275 | 0.5 | 189 | 0.02 | 421 | 0.04 | <0.2 |
| FTL | YH24-126 | 275 | 276 | 1 | 12 | 0.00 | 369 | 0.04 | <0.2 |
| FTL | YH24-126 | 276 | 277 | 1 | 51 | 0.01 | 465 | 0.05 | <0.2 |
| FTL | YH24-126 | 277 | 278 | 1 | 32 | 0.00 | 425 | 0.04 | <0.2 |
| FTL | YH24-126 | 278 | 279 | 1 | 23 | 0.00 | 371 | 0.04 | <0.2 |
| FTL | YH24-126 | 279 | 280 | 1 | 93 | 0.01 | 179 | 0.02 | <0.2 |

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu ppm | Cu % | Zn ppm | Zn % | Ag g/t |
|------------|----------|----------|---------------|--------------|--------|------|--------|------|--------|
| FTL | YH24-126 | 280 | 281 | 1 | 292 | 0.03 | 171 | 0.02 | <0.2 |
| FTL | YH24-126 | 281 | 282 | 1 | 136 | 0.01 | 206 | 0.02 | <0.2 |
| FTL | YH24-126 | 282 | 283 | 1 | 136 | 0.01 | 505 | 0.05 | <0.2 |
| FTL | YH24-126 | 283 | 284 | 1 | 368 | 0.04 | 2011 | 0.20 | <0.2 |
| FTL | YH24-126 | 284 | 285 | 1 | 811 | 0.08 | 3100 | 0.31 | <0.2 |

Table 3: Historic assay results including Au results

| Drilled by | Hole | From (m) | To (m) | Interval (m) | Cu % | Zn % | Ag g/t | Au g/t |
|------------|---------|----------|---------------|--------------|------|------|--------|--------|
| YHM | YH22-80 | 46.77 | 47.2 | 0.43 | 1.50 | 21.2 | 169 | 2.237 |
| YHM | YH22-80 | 47.2 | 47.77 | 0.57 | 0.69 | 11.6 | 441.7 | 5.689 |
| YHM | YH22-80 | 47.77 | 48.18 | 0.41 | 0.74 | 3.45 | 181 | 0.979 |
| YHM | YH22-80 | 48.18 | 49.18 | 1.0 | 0.25 | 3.09 | 18.1 | 0.138 |
| NRM | YH-91-5 | 134.8 | 135.4 | 0.6 | 0.31 | 26.2 | 582.9 | 16.9 |

JORC Code, 2012 Edition – Table 1 report template

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

| Criteria | JORC Code explanation | Commentary |
|------------------------|---|--|
| Sampling techniques | Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. | York Harbour Metals NL Incorporated ("YHM") previously drilled holes YH22-80 September-October 2022. Y-91-5 Completed by Noranda("NRM") 1991 season YHM completed five phases of diamond drilling between 2021-2024. Noranda completed 2 drill seasons between 1990-1991 All drilling conducted by YHM/NRM was completed under the supervision of a registered professional geologist as a Qualified Person (QP) who was responsible and accountable for the planning, execution and supervision of all exploration activity as well as the implementation of quality assurance programs and reporting. This drilling was contracted to Forage Fusion Drilling Ltd, based in Springdale Newfoundland. They produced NQ core. Core was cut into two equal halves using a diamond core saw with a mounted jig, with one half submitted for analysis at Eastern Analytical laboratories in Springdale, Newfoundland. The samples were dried, crushed and pulverized. Samples were crushed to approximately -10 mesh and split using a riffle splitter to approximately 300g. A ring mill was used to pulverize the sample split to 98% passing -150 mesh. Sample intervals were based on geological observations. Minimum core width sampled was 0.12m and maximum 1.0m. Samples were submitted to Eastern Analytical Laboratory in Springdale, Newfoundland. All drilling completed by Firetail Resources Canada Limited (FTL) is being completed under the supervision of a registered professional geologist as a Qualified Person (QP) who is responsible and accountable for execution of all exploration activity as well as the implementation of quality assurance programs. All drill planning is being conducted by qualified geologists who are staff of Firetail Resources Limited and can act as Competent Persons for reporting purposes. |

| Criteria | JORC Code explanation | Commentary |
|--|--|--|
| Drilling techniques Drill sample | Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc). Method of recording and assessing core and chip sample recoveries and | Previous drilling by YHM, Noranda and current drilling by FTL is all diamond core drilling The diamond drilling rig for YHM was operated by Forest Fusion Drilling The diamond drilling rig for FTL is operated by Gladiator Drilling Ltd The size of core for all previous and current holes is standard tube NQ (47.8mm diameter) Diamond drill core was not orientated Core recovery was previously determined by YHM and currently measured |
| recovery | Meetida by recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. | by FTL by measuring the core length between the driller's marker blocks Core recoveries were measured for every drill run completed The core recovered is physically measured by tape measure and the length is recorded for every "run". Core recovery is calculated as a percentage of recovery. YHM information was previously recorded in a drilling database which FTL has complete records of. FTL information is being recorded in a relational drilling database hosted externally to FTL. Diamond drilling utilised drilling fluids to assist with maximising core recoveries. Diamond drilling by nature collects relatively uncontaminated core samples. These are cleaned at the drill site to remove drilling fluids and cuttings to present clean core for logging and sampling. There is no significant loss of material reported in the mineralized parts of the diamond core reported in this announcement. No known relationship exists between sample recovery and grade |
| Logging | Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. | All previous drill samples collected by YHM/NRM and current drill samples collected by FTL were logged by a qualified geologist and recorded in logging tables. Attributes recorded included lithology, alteration, structure, mineralisation and other observations as appropriate which are in general qualitative in nature. All previous YHM drillholes with new sample collection by FTL had YHM logs validated by FTL and were re-logged by FTL for lithology and mineralisation where required. Previous and current drillholes are explorative in nature, however the drillholes have been logged to a level of detail to be considered suitable to support a Mineral Resource Estimate. All previous drill holes by YHM and current drill holes by FTL were |

| Criteria | JORC Code explanation | Commentary |
|----------------------------|---|--|
| | | geotechnically logged, with logs including information pertaining to rock quality designation, hardness, weathering, and fracturing. |
| | | • Magnetic susceptibility readings were previously taken by YHM and currently taken by FTL at least once per metre using a KT-10 magnetic susceptibility meter as point measurements. |
| | | • Specific gravity measurements were previously collected by YHM once per every three metres using Archimedes method. Extra readings were taken in areas of semi-massive or massive sulphide. Specific gravity measurements were collected by FTL once every 10-15m, and at closer intervals in areas of semi-massive or massive sulphide. |
| | | • All cores were photographed by YHM and FTL in the core tray. All core for new geochemical analysis by FTL has been re-photographed in its current condition. |
| | | • All previous drillholes being resampled by FTL have been logged in their entirety. |
| | | Logging conducted is both qualitative and quantitative. |
| Sub-sampling techniques | If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether | • All samples previously collected by YHM and samples collected by FTL were taken using the following sub-sampling techniques and sample preparations |
| and sample preparation | For all sample types, the nature, quality and appropriateness of the sample | • Sample intervals were determined by geologists during logging based on geological boundaries determined by the logging geologist. |
| | Point at sample types, the nature, quarty and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. | Diamond core was cut in half using an electric core saw. If the core was too soft or friable or broken to be cut with a saw, a hammer and chisel were used or representative halves of rubble were collected. |
| | Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. | • Half the core was submitted for analysis and the remaining half was stored securely for future reference and potentially further analysis if ever required. |
| | • Whether sample sizes are appropriate to the grain size of the material being sampled. | • Sample intervals were marked on the core by the responsible geologist, considering lithological and structural features and visible mineralisation. |
| | | • Paper sampling tags with sample identification numbers were issued by the laboratory where samples were being dispatched to for analysis. These sampling tags with sample identification numbers were stapled to the core boxes where the corresponding sample was being taken from. |
| | | • Sample method and size is considered appropriate for this type of deposit. |
| | | • For previously collected YHM samples, intervals were 0.12m minimum, up to 1.0m maximum with an average width of 0.8m. |
| | | • For sample collected by FTL, intervals were a minimum of 0.5m and a |

| Criteria | JORC Code explanation | Commentary |
|--|--|--|
| | | maximum of 2.0m. Field duplicates by YHM were taken at a rate of 1 in 22 samples to measure sample representativity. Field duplicates were quarter core. Field duplicates by FTL were taken at a rate of 1 in 20 samples to measure sample representativity, and are taken as quarter core. Sample preparation was conducted by Eastern Analytical in Springdale, Newfoundland. Samples were dried at a low temperature. Dried samples were then weighed before being crushed in a jaw crusher to 80% passing - 10 mesh, then crushed material was split through a stainless steel riffle splitter. The remaining coarse reject was retained. The split sub-sample of -250g was then pulverized to 95% passing 150mesh. The sample preparation method is considered industry standard. Sample sizes are considered appropriate to the mineralisation style and grain size of the material. |
| Quality of assay data and laboratory tests | The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. | Samples from YHM were assayed by Eastern Analytical, located in Springdale within Newfoundland, Canada. A four-acid digest (near-total digestion) was used. The digested solution was then analysed by ICP-OES for a multi-element suite of 34 elements. A 30g Fire Assay with atomic absorption finish was used to determine Au. Subsequently, samples with Ag greater than 6ppm, Pb greater than 2200ppm, Cu greater than 10,000ppm, Zn more than 2200 ppm were analysed by AAS. ICP is considered a total digestion method. Atomic Absorption is considered a partial digestion method in the case coarse gold. Quality control procedures of YHM included routine insertion of CRMs at a rate of 1 in 22 samples, insertion of blanks at a rate of 1 in 22 samples, collection of field duplicates at a rate of 1 in 22 samples. These QC samples were included in batches of sampling to test for accuracy and precision. A review of the QC samples assay results received has determined the accuracy and precision of the reported results to be acceptable. In addition to YHM QAQC samples included within the bath, the laboratory included its own Certified Reference Materials, blanks and duplicates. The level of QAQC undertaken by YHM is inline with typical best practice. Eastern Analytical have their own internal Quality Control and Quality Assurance protocols for sample preparation and assaying. |

| Criteria | JORC Code explanation | Commentary |
|---|--|--|
| Verification of sampling and assaying | The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. | Verification of significant intercepts has been conducted by internal Firetail company geologists. Results have been reviewed by the Competent Person. No twinned holes are reported herein. Field data collected by YHM and FTL was recorded in Excel in a field laptop and then imported into an Excel master data file. All field data is then imported into a relational database stored externally to FTL. No adjustment to assay data. |
| Location of data points | Accuracy and quality of surveys used to locate drill holes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. | The coordinates of the reported drillholes were based on NAD83 UTM Zone 21N. Drillhole coordinates were verified by FTL using a handheld GPS. Drillhole coordinates have not been surveyed with a differential GPS. Topographic control is ±3-5m. Downhole surveys were taken by YHM and FTL using a magnetic Reflex EZ-Trac borehole surveying tool. Surveys were taken as single-shots every 30m and at the completion length of every hole by lowering the tool down the drill rods and through the drill bit beyond the effect of the drill rods. The downhole measurements were recorded by the drillers and given to the project.geologist on a shift-by-shift basis. |
| Data spacing and distribution | Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. | YHM conducted sampling at a spacing appropriate for first-pass exploration of semi-massive to massive sulphide. Sampling was not undertaken in areas proximal to semi-massive to massive sulphide which may or may not contain economic mineralisation. FTL conducted sampling at a spacing appropriate for first-pass exploration of semi-massive to massive sulphide. Sampling was undertaken in areas proximal to semi-massive to massive sulphide. Sampling was undertaken in areas proximal to semi-massive to massive sulphide. Sampling was undertaken in areas proximal to semi-massive to massive sulphide which may or may not contain economic mineralisation. Drill holes are spaced appropriately for coarsely defining mineralisation lodes. |
| Orientation of data in relation to geological structure | Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. | Firetail currently considers YHM and FTL sampling orientation to be unbiased with the drilling direction nominally at a high angle to the interpreted strike of mineralisation. Drilling across the Project has been conducted on a variety of orientations due to the nature of the topography. A detailed geological model of mineralisation is required to further assess the true width of mineralisation |

| Criteria | JORC Code explanation | Commentary |
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| | | and to what extent (if any) the orientation of drilling has induced bias. The drilling intercepts reported herein are reported as downhole. Further drilling is required to confirm the geometry of mineralisation. |
| Sample security | • The measures taken to ensure sample security. | • Drill core was transported in wooden core boxes from the drill site to the secure YHM/FTL logging facility in Lark Harbour, Newfoundland, by the drill contractor or YHM contractors. |
| | | • Samples were cut at the YHM logging facility. |
| | | • Samples were collected by YHM-contracted geologists/assistants and placed in sequentially pre-numbered plastic bags with sample numbers written on it. |
| | | • Plastic sample bags were placed within larger polyweave bags before being delivered by YHM contractors to the laboratory in Springdale, Newfoundland. |
| Audits or reviews | • The results of any audits or reviews of sampling techniques and data. | • No YHM audits are documented to have occurred in relation to sampling techniques or data. |
| | | • YHM sampling techniques have been reviewed by FTL personnel and are considered adequate. |

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

| Criteria | JORC Code explanation | Commentary |
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| Mineral tenement and land tenure status | Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. | The previously drilled YHM drillholes YH22-054 and YH22-077 and YH24-123 are located on license number 038342M consisting of 184 contiguous claims. These claims were wholly owned by York Harbour Metals NL Inc at the time of drilling of YH22-054 and YH22-077, but are currently 51% owned by York Harbour Metals NL Inc. and 49% owned by Firetail Resources Canada Inc (a wholly owned subsidiary of Firetail Resources Pty Ltd). A 2% net smelter return royalty applies across the Project. The York Harbour Project is located 27km west of the city of Corner Brook, in western Newfoundland, Canada near the town of York Harbour. Open file verification has been conducted to confirm licenses are in full force. |

| Criteria | JORC Code explanation | Commentary |
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| | | All mineral claims are currently in good standing with no known impediments. |
| Exploration done by other parties | • Acknowledgment and appraisal of exploration by other parties. | • The York Harbour Property copper-zinc mineralisation was first discovered in 1893. Since then, a significant amount of underground exploration and development as well as surface diamond drilling exploration and underground diamond drilling delineation has been completed with positive results. |
| | | Underground exploration and development combined with surface drilling documented eleven irregular zones of Cu-Zn-Ag±Au-rich volcanogenic massive sulphide mineralisation occurring as stratabound lenses within the upper portion of the altered lower basalt unit immediately below the contact with the generally unaltered upper basalt unit. Massive sulphide mineralisation occurs along a 600 m strike length. However, over 85% of the past exploration work (surface and underground drilling and development) was carried out in less than 350 m of strike length and to 150 m below surface. At the York Harbour Project, exploration was previously completed by several companies. Most recently this included York Harbour Metals and Phoenix Gold Resources Corp. Companies that conducted drilling historically to this included Noranda Exploration, York Consolidated Exploration Limited, Long Lac Mineral Exploration Ltd, Big Nama Creek Mines Ltd, and Independent Mining Corp. |
| Geology | • Deposit type, geological setting and style of mineralisation. | • Volcanogenic massive sulphide mineralisation is widespread in the ophiolitic rocks of central and western Newfoundland, including more than 175 showings, prospects, and 14 past producing deposits. For a brief period in the late 1800s, production from ophiolite-hosted deposits, including the York Harbour mine, made Newfoundland the world's third-largest copper producer. |
| | | The alteration and mineralisation within York Harbour is typical of volcanogenic massive sulphide (VMS) deposits in mafic-dominated settings (i.e., Cyprus-type systems), and the presence of both chlorite and chalcopyrite indicates that locally there was high temperature alteration (i.e., >300 °C). The presence of multiple sulphide horizons at different stratigraphic levels, and the hematite alteration plus local chlorite-pyrite mineralisation in the upper basalts, indicates that hydrothermal activity was ongoing during the deposition of the entire stratigraphic package, including the upper basalts above mineralisation. |

| Criteria | JORC Code explanation | Со | mmenta | ry | | | | | | |
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| | | • | horizon minor p preserve and foo and are | s of mass pyrrhotite ed, and t twall she underlai | ive and se and rare g he lenses ar zones. n by a vari | Harbour min mi-massive p galena. Collo are common The massive jably develop ntense hydro | oyrite, sp oform tex ly bounde sulphide oed coppe | halerite tures a ed by n lenses er- to z | e, chalcopy are common arrow hang are often l inc-rich st | yrite with nly ging wall brecciated |
| Drill hole Information | • A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: | • | • The following coordinates have been verified by FTL with a handheld GP and are presented in NAD83 Zone 21N | | | | | | | neld GPS |
| | easting and northing of the drill hole collar elevation or RL (Reduced Level - elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. | | Drille d by | Hole ID | Easting | Northing | RL | Dip | Azimut h | Total Dept (m) |
| | | | YHM | YH22 -054 | 404316 .8 | 5433440. 9 | 358 | -65 | 60 | 221 |
| | | | YHM | YH22 -077 | 404481 .9 | 5433538. 1 | 359.3 | -65 | 240 | 281 |
| | | • | FTL | YH24 -123 | 404330 | 5433445 | 358.6 | -60 | 60 | 297 |
| Data aggregation methods | In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. | • | All drill hole intersections are reported above a lower cut-off grade of 0.7 copper. A maximum of 5m of internal waste was allowed. No metal equivalent values reported herein. For samples of varying lengths, a length-weighted average is applied for treported intersection. The formula is (Σ(Cu grade % x sample length)/Total Interval Width). The weighted average of the intersection must exceed thr cutoff grades stated above. Minimum sampling interval of 0.5m, with all samples adhering to geological contacts. Geological contacts frequently provide boundaries for intersections due to grade associated with varying lithotypes. Maximum internal dilution of 5m below the cut-off grade is incorporated into the reported intersections. Consideration is also given the potential minimum mining widths as part of the test for prospects of eventual economic extraction. An example of the calculation is from drillhole YH24-123 reported in this release, from 206.2m Sample 1: Length = 0.71; Grade = 11.22% Cu | | | | | lied for the gth)/Total xceed the with all quently n varying ade is o given to s of | | |

| Criteria | JORC Code explanation | Commentary |
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| | | Sample 2: Length = 0.5; Grade = 0.37% Cu Sample 3: Length = 0.55; Grade = 0.07% Cu Sample 4: Length = 0.6; Grade = 3.02% Cu Intersection grade is: ((0.71x11.22)+(0.5x0.37)+(0.55x0.07)+(0.6x3.02))/2.36 = 4.24% Cu The Competent person determined to include the 0.55m @ 0.07C Cu in the intersection because in a mining scenario, it is unlikely that this internal dilution could be separated |
| Relationship between mineralisation widths and intercept lengths | These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). | Intervals of lithology and mineralisation reported are apparent widths. Further drilling is required to understand the geometry of mineralisation and thus the true width of mineralisation. However, the current interpretation is that the mineralisation is predominantly controlled by northwest striking structures dipping steeply towards the west. Down hole lengths only reported, true width uncertain at this time. |
| Diagrams | • Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. | • Maps and plans have been included in body of the announcement. |
| Balanced reporting | • Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results. | All information has been reported. |
| Other substantive exploration data | • Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples - size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances. | • All exploration data considered meaningful and material has been reported in this announcement. |
| Further work | The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. | Geological modelling based on the previous exploration drilling and underground development is proposed to be conducted in order to determine the likely extensions to known mineralisation and to assist with future drill planning. Testing for lateral and depth extensions, and step-out drilling of known mineralisation |

| Criteria | JORC Code explanation | Commentary |
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| | | • Maps and diagrams have been included in the body of the release. Further releases will be made to market upon new drilling information being received by FTL. |