

16 October 2024

Shallow VMS Intercept in first drill hole sets stage for growth at Skyline Copper Project, Canada

- Massive sulphide* intercept from 153m remains open up dip
 - Intercept located 135m vertically below surface
- Second, semi-massive sulphide* zone remains open along strike and down dip
 - Hosted within broader 30m zone of sulphide mineralisation* from 184m
- Assay results expected within 4-6 weeks

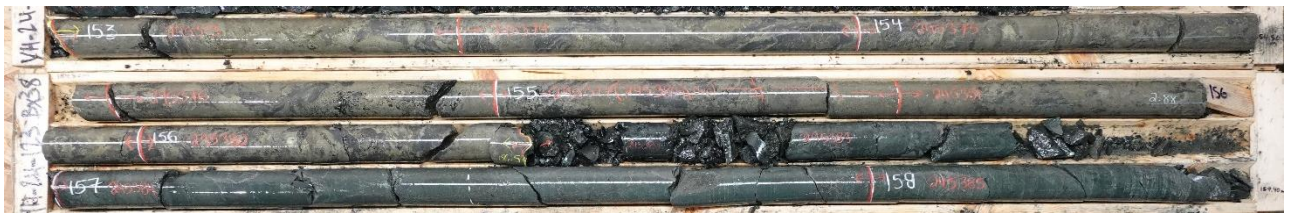


Figure 1: Massive sulphides in Drill hole YH24-123 – 153-156.47m



Figure 2: YH24-123 153.2m to 153.4m Sulphide intercept

***CAUTIONARY NOTE RELATING TO THE DISCLOSURE OF VISUAL ESTIMATES DESCRIBE IN THIS RELEASE ARE DETAILED IN TABLE 1 BELOW. THE COMPANY MAKES CAUTION THAT MINERAL ESTIMATES OF SULPHIDE MINERAL ABUNDANCE SHOULD NEVER BE CONSIDERED AS A SUBSTITUTE OR PROXY FOR LABORATORY ANALYSIS. LABORATORY ASSAYS (ICP-OES) ARE REQUIRED TO DETERMINE REPRESENTATIVE GRADES AND INTERVALS OF THE ELEMENTS ASSOCIATED WITH THE VISIBLE MINERALISATION REPORTED FROM GEOLOGICAL LOGGING. CORE IDENTIFIED FOR ANALYSIS IS BEING SAMPLED AND SENT TO EASTERN ANALYTICAL IN SPRINGDALE, NL. LABORATORY RESULTS ARE EXPECTED IN 4-6 WEEKS.**



Figure 3: Brecciated Semi-massive VMS intercept 206.24-206.95m

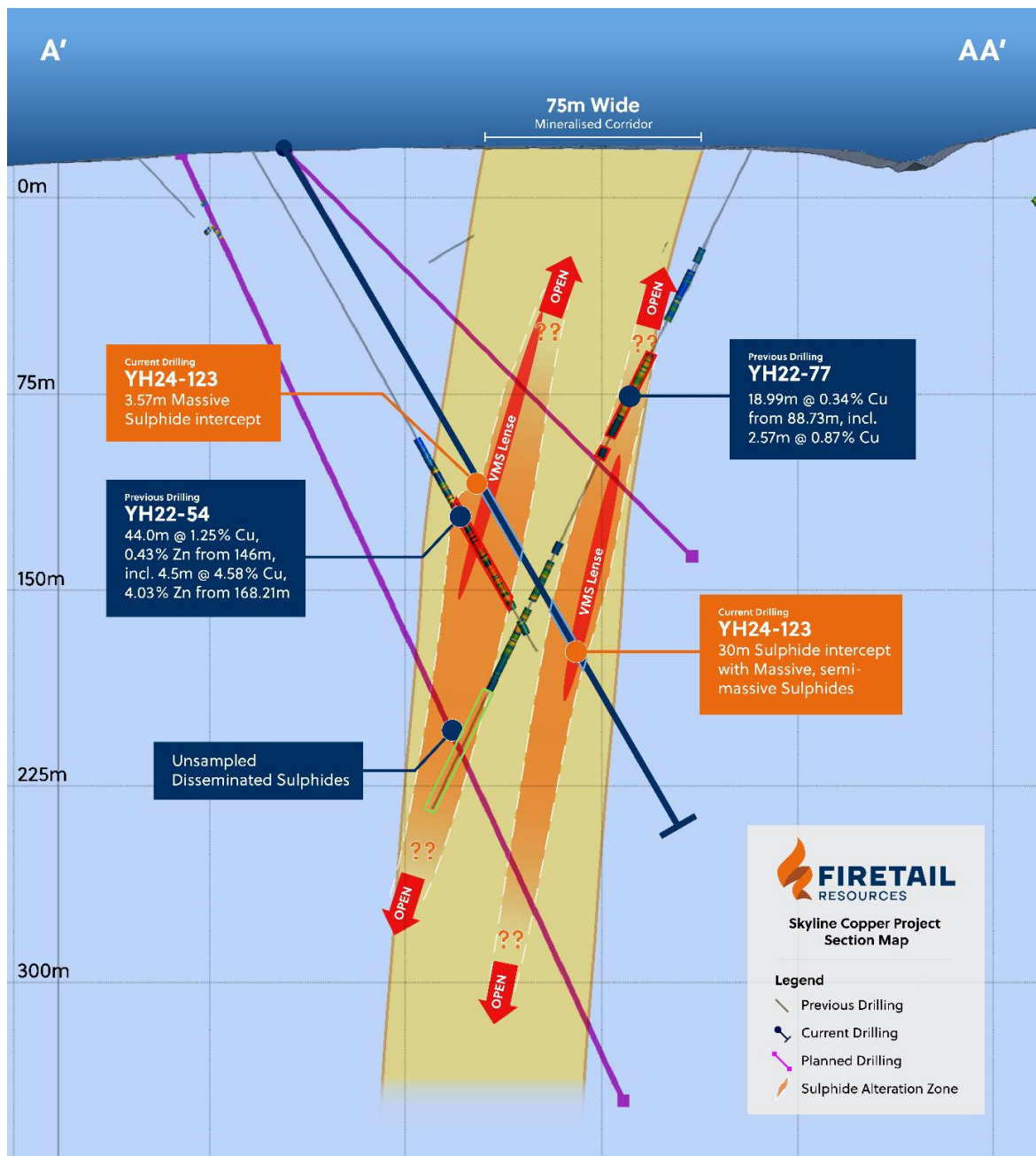


Figure 4: Schematic Cross section of YH24-123 and planned drill holes with historic drill holes

Firetail Resources Limited (**Firetail or the Company**) (ASX: **FTL**) is pleased to report intercepts of massive, semi-massive and disseminated sulphides in the first drillhole of Firetails maiden drill program at Skyline Copper Project, Newfoundland, Canada. The drill intercepts, both of which remain open updip and down dip, further realise the potential the Firetail team see at the Skyline Copper Project.

The shallow VMS intercept, from 153m-156.47m down hole, remains open up dip, and is situated only 135m vertically below surface, with no drilling above. Visual logging of first VMS zone: 40% Chalcopyrite (Cu Sulphide), 40% Pyrite, 20% Sphalerite (Zn Sulphide). The second zone of mineralisation, from 184.35-214.5m, remains open along strike and down dip, confirming the system remains open. This second intercept visually appears more copper-sulphide rich with abundant Chalcopyrite logged. **Full summary of visual sulphide alteration log can be found below in Table 1.**

Managing Director and CEO, Glenn Poole, commented:

"We are extremely encouraged to have such early success from our maiden diamond drilling program at the Skyline Project. These intercepts provide the team confidence for future potential growth along this trend with previous drilling primarily targeting the shallow sulphide lodes.

This drilling reaffirms our belief that there is a broader system hosting multiple high grade lenses within a mineralised corridor. It is not uncommon for VMS systems to be blind from the surface and with no drilling up dip of the shallower massive sulphide intercept we are confident we will add further, shallow results to the mineralised inventory. The deeper sulphide intercepts broaden the scale of the system and we have multiple other opportunities from existing drilling to expand the footprint of mineralisation.

Near term value catalysts for the Company include:

- Assay results from previous drill core which were logged as having sulphide mineralisation but were never sampled or assayed*
- Results of the airborne EM survey completed across 16km of geological strike, aiming to define additional blind targets warranting drill testing*
- Assay results from our drilling program underway, the first of which are expected within 4 to 6 weeks*

We look forward to providing further updates to the market with respect to our multi faceted exploration programs."

Drilling Program Overview:

Firetail has commenced a 5,000m maiden diamond drilling program at the Skyline Copper Project located in Newfoundland, Canada. The drilling program aims to expand upon the previous drilling completed to date across the Project through testing the extensional potential of mineralisation updip, down dip and along strike of existing drill defined mineralisation.

In addition, a high resolution airborne EM survey has been conducted across the initial Project area which comprises of 16km of prospective geological strike. Blind EM targets defined from this program will be ranked and if warranted drill tested.

The initial drill hole completed aimed to test both the updip mineralisation potential of the hangingwall mineralisation and the down dip potential of footwall mineralisation. Effectively the intercepts logged have acted to bring the hangingwall mineralisation closer to surface and extrapolate the footwall mineralisation to depth across a 75m wide interpreted mineralised corridor.

Subsequent drilling will test both further updip and down dip of each of these mineralised zones within the broader mineralised corridors. A systematic evaluation of the extensional potential will similarly be conducted along strike with the aim of defining the extents of the mineralisation along a strike of 600m.

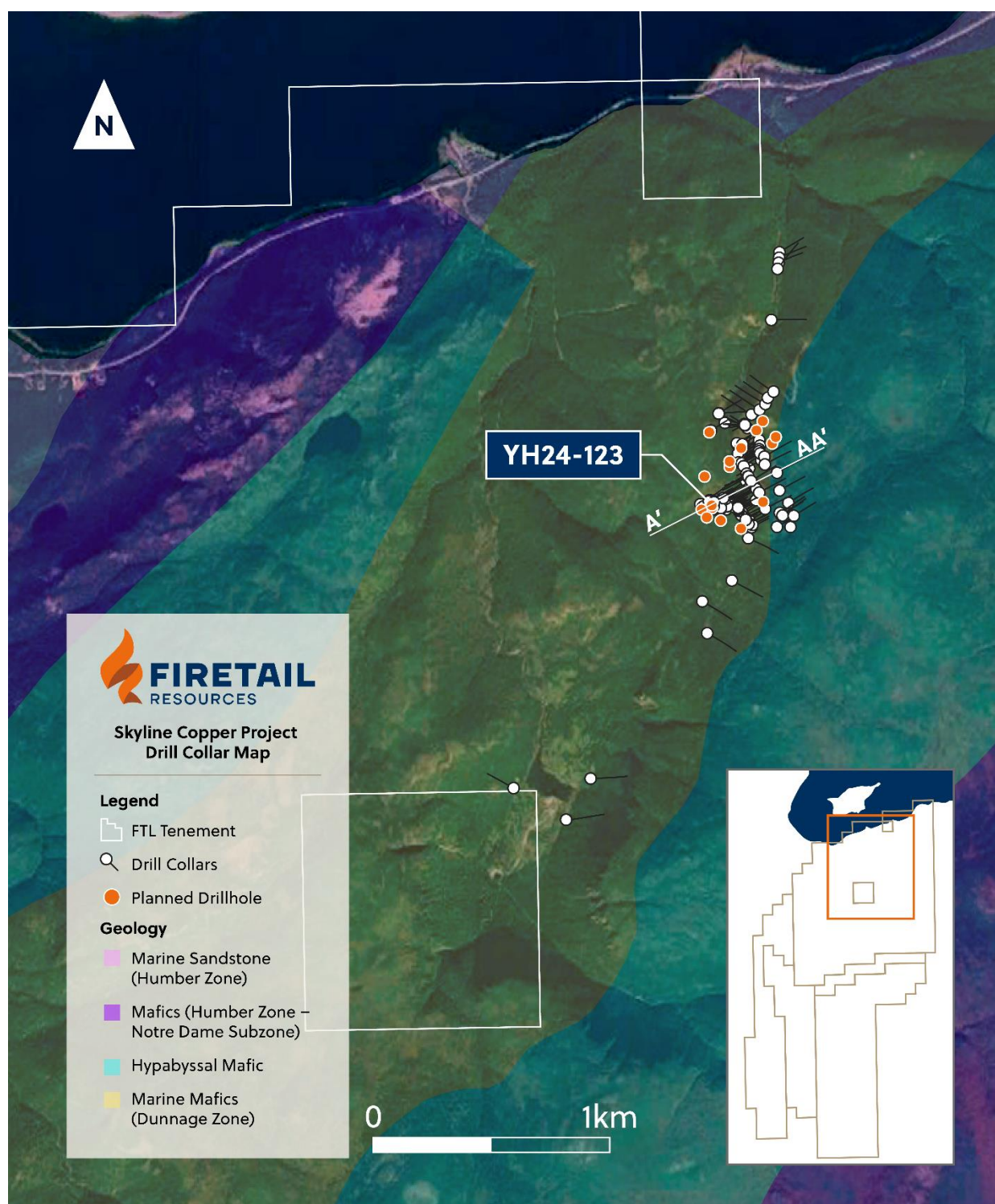


Figure 5: Collar Map of Historic, Current and planned drilling at Skyline Copper Project

About Firetail Resources

Firetail Resources (ASX:FTL) is an Australian based, Copper focused exploration company with projects in three of the best operating jurisdictions globally, Canada, Peru and Australia.

The Company has exposure to advanced copper exploration through a binding option for the acquisition via staged earn-in of up to 80% of the York Harbour Copper-Zinc-Silver VMS Project in Newfoundland and Labrador, 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 holds greenfield copper exposure in Peru through its 70% holding in the Picha Copper-Silver Project and Charaque Copper Project. Picha is an exciting copper-silver project with planning and permitting underway for drilling programs on multiple geophysical and geochemical targets.

The Company also holds well-located Western Australian and Queensland projects, which range from early exploration stage at the Paterson and Yalgoo-Dalgaranga Projects through to advanced exploration-early resource stage at the Mt Slopeaway Project.

With a portfolio of highly prospective assets plus the experience of a strong technical team, the Company is well positioned to rapidly explore and develop its Copper projects and become a significant contributor to the green energy revolution.



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

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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: Visual Sulphide log for Drillhole YH24-123

Hole	From (m)	To (m)	Interval (m)	Total Sulphides	Chalcopyrite (%)	Chalcopyrite Style	Sphalerite (%)	Sphalerite Style	Pyrite (%)	Pyrite Style
YH24-122	0.00	24.70	24.70	0.0						
YH24-123	24.70	82.10	57.40	0.1					0.1	Fracture
YH24-123	102.00	105.79	3.79	0.1					0.1	Fracture
YH24-123	105.79	106.37	0.58	4.0					4.0	Vein
YH24-123	106.37	113.80	7.43	0.1					0.1	Disseminated
YH24-123	123.73	135.86	12.13	0.1					0.1	Fracture
YH24-123	136.16	141.90	5.74	0.5					0.5	Replacement
YH24-123	141.90	143.30	1.40	1.0					1.0	Replacement
YH24-123	143.30	144.04	10.74	0.1					0.1	Fracture
YH24-123	144.04	144.55	0.51	2.0					2.0	Disseminated
YH24-123	152.00	153.00	1.00	0.1					0.1	Fracture
YH24-123	153.00	156.50	3.50	100.0	40.0	Semi Massive	20	Semi Massive	40.0	Semi Massive
YH24-123	156.81	162.70	5.89	10.1	0.1	Fracture	3	Fracture	7.0	Fracture
YH24-123	162.70	172.35	9.65	5.0					5.0	Fracture
YH24-123	172.35	178.76	6.41	3.0					3.0	Fracture
YH24-123	178.76	184.35	5.59	0.0						
YH24-123	184.35	186.48	2.13	11.0	6.0	Stringer			5.0	Patchy
YH24-123	186.48	188.11	1.63	0.6	0.1	Fracture			0.5	Disseminated
YH24-123	188.11	191.50	3.39	20.0	15.0	Stringer			5.0	Stringer
YH24-123	191.50	193.27	1.77	0.6	0.1	Disseminated			0.5	Disseminated
YH24-123	193.27	203.22	9.95	30.0	25.0	Stringer			5.0	Stringer
YH24-123	203.22	206.24	3.02	1.5	0.5	Disseminated			1.0	Disseminated
YH24-123	206.24	206.95	0.71	80.0	65.0	Massive			15.0	Massive
YH24-123	206.95	214.50	7.55	20.0	15.0	Stringer			5.0	Stringer
YH24-123	214.50	216.00	1.50	3.0	1.0	Fracture			2.0	Fracture

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Hole	From (m)	To (m)	Interval (m)	Total Sulphides	Chalcopryrite (%)	Chalcopryrite Style	Sphalerite (%)	Sphalerite Style	Pyrite (%)	Pyrite Style
YH24-123	216.00	219.05	3.05	5.0	1.0	Fracture	2	Fracture	2.0	Fracture
YH24-123	219.05	219.36	0.31	3.0	2.0	Fracture			1.0	Fracture
YH24-123	219.36	236.10	16.74	8.0	3.0	Fracture	1	Fracture	4.0	Fracture
YH24-123	236.10	242.90	6.80	2.0					2.0	Fracture

Table 2: Collar Table Current and reported drilling

Drilled By	Hole ID	Easting	Northing	RL	Dip	Azimuth	Total Depth (m)
YHM	YH22-54	404316.8	5433440.9	358.0	-60	60	221
YHM	YH22-77	404481.9	5433538.1	359.3	-65	240	281
FTL	YH24-123	404330	5433445	358.6	-60	60	300

Table 3: Assay results for historical drill holes

Drilled by	Hole_ID	From_Depth	To_Depth	Interval	Cu_ppm	Cu_%	Zn_ppm	Zn_%	Ag_ppm
YHM	YH22-054	127.00	128.00	1.00	56.2	0.01	154	0.02	<0.5
YHM	YH22-054	128.00	129.00	1.00	106	0.01	997	0.10	4.7
YHM	YH22-054	129.00	130.00	1.00	177	0.02	985	0.10	3.6
YHM	YH22-054	130.00	131.00	1.00	69.6	0.01	338	0.03	<0.5
YHM	YH22-054	131.00	132.00	1.00	219	0.02	1980	0.20	<0.5
YHM	YH22-054	132.00	132.50	0.50	409	0.04	6760	0.68	1
YHM	YH22-054	132.50	133.50	1.00	129	0.01	1880	0.19	5.6
YHM	YH22-054	133.50	134.00	0.50	75.6	0.01	289	0.03	<0.5
YHM	YH22-054	134.00	134.50	0.50	281	0.03	2830	0.28	<0.5
YHM	YH22-054	134.50	135.50	1.00	422	0.04	4360	0.44	<0.5
YHM	YH22-054	135.50	136.50	1.00	158	0.02	1170	0.12	<0.5
YHM	YH22-054	136.50	137.50	1.00	274	0.03	2300	0.23	<0.5
YHM	YH22-054	137.50	138.50	1.00	346	0.03	1580	0.16	<0.5
YHM	YH22-054	138.50	139.50	1.00	71.1	0.01	1660	0.17	<0.5

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Drilled by	Hole_ID	From_Depth	To_Depth	Interval	Cu_ppm	Cu_%	Zn_ppm	Zn_%	Ag_ppm
YHM	YH22-054	139.50	140.00	0.50	106	0.01	891	0.09	0.6
YHM	YH22-054	140.00	141.00	1.00	488	0.05	437	0.04	<0.5
YHM	YH22-054	141.00	142.00	1.00	1900	0.19	927	0.09	<0.5
YHM	YH22-054	142.00	143.00	1.00	38	0.00	293	0.03	<0.5
YHM	YH22-054	143.00	144.00	1.00	36.5	0.00	227	0.02	<0.5
YHM	YH22-054	144.00	145.00	1.00	82.8	0.01	186	0.02	<0.5
YHM	YH22-054	145.00	146.00	1.00	75.5	0.01	192	0.02	<0.5
YHM	YH22-054	146.00	146.46	0.46	5900	0.59	68200	6.82	3.4
YHM	YH22-054	146.46	147.77	1.31	654	0.07	396	0.04	<0.5
YHM	YH22-054	147.77	148.00	0.23	12900	1.29	15100	1.51	4.3
YHM	YH22-054	148.00	148.50	0.50	2610	0.26	20900	2.09	2.8
YHM	YH22-054	148.50	149.00	0.50	7130	0.71	14900	1.49	3.7
YHM	YH22-054	149.00	149.50	0.50	4050	0.41	12000	1.20	1.7
YHM	YH22-054	149.50	150.50	1.00	337	0.03	239	0.02	<0.5
YHM	YH22-054	150.50	151.50	1.00	151	0.02	124	0.01	<0.5
YHM	YH22-054	151.50	152.15	0.65	98.3	0.01	74.8	0.01	<0.5
YHM	YH22-054	152.15	152.60	0.45	22900	2.29	16500	1.65	5.6
YHM	YH22-054	152.60	153.14	0.54	16600	1.66	30300	3.03	7
YHM	YH22-054	153.14	153.46	0.32	1080	0.11	561	0.06	<0.5
YHM	YH22-054	153.46	154.00	0.54	8180	0.82	20100	2.01	2.1
YHM	YH22-054	154.00	154.50	0.50	15100	1.51	16400	1.64	3.9
YHM	YH22-054	154.50	155.00	0.50	15600	1.56	46900	4.69	5.5
YHM	YH22-054	155.00	155.50	0.50	31300	3.13	25500	2.55	9.4
YHM	YH22-054	155.50	156.00	0.50	6290	0.63	11700	1.17	1.4
YHM	YH22-054	156.00	156.50	0.50	8930	0.89	3770	0.38	1.6
YHM	YH22-054	156.50	157.00	0.50	4860	0.49	4130	0.41	<0.5
YHM	YH22-054	157.00	157.50	0.50	5000	0.50	20100	2.01	1
YHM	YH22-054	157.50	158.25	0.75	7500	0.75	33900	3.39	1.8
YHM	YH22-054	158.25	159.00	0.75	15900	1.59	19400	1.94	4.1
YHM	YH22-054	159.00	159.50	0.50	22900	2.29	742	0.07	5.1

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YHM	YH22-054	159.50	160.06	0.56	22900	2.29	997	0.10	4.6
YHM	YH22-054	160.06	161.00	0.94	4220	0.42	315	0.03	<0.5
YHM	YH22-054	161.00	162.00	1.00	552	0.06	107	0.01	<0.5
YHM	YH22-054	162.00	163.00	1.00	191	0.02	81.1	0.01	<0.5
YHM	YH22-054	163.00	164.00	1.00	177	0.02	209	0.02	<0.5
YHM	YH22-054	164.00	165.11	1.11	311	0.03	101	0.01	<0.5
YHM	YH22-054	165.11	165.55	0.44	27600	2.76	855	0.09	5.7
YHM	YH22-054	165.55	166.12	0.57	32000	3.20	1020	0.10	6.3
YHM	YH22-054	166.12	167.00	0.88	226	0.02	93.5	0.01	<0.5
YHM	YH22-054	167.00	168.21	1.21	127	0.01	147	0.01	<0.5
YHM	YH22-054	168.21	168.74	0.53	33400	3.34	52500	5.25	6.3
YHM	YH22-054	168.74	169.16	0.42	8390	0.84	11200	1.12	1.5
YHM	YH22-054	169.16	169.63	0.47	34500	3.45	1410	0.14	5.1
YHM	YH22-054	169.63	170.06	0.43	4190	0.42	324	0.03	<0.5
YHM	YH22-054	170.06	170.29	0.23	106000	10.60	3450	0.35	17.2
YHM	YH22-054	170.29	171.00	0.71	179	0.02	94.7	0.01	<0.5
YHM	YH22-054	171.00	172.00	1.00	15300	1.53	533	0.05	2.3
YHM	YH22-054	172.00	172.50	0.50	129	0.01	138	0.01	<0.5
YHM	YH22-054	172.50	173.00	0.50	48800	4.88	1390	0.14	8
YHM	YH22-054	173.00	173.50	0.50	65500	6.55	999	0.10	5.5
YHM	YH22-054	173.50	174.00	0.50	51000	5.10	1650	0.17	10
YHM	YH22-054	174.00	174.50	0.50	29600	2.96	1120	0.11	7.9
YHM	YH22-054	174.50	175.00	0.50	45300	4.53	1390	0.14	8.8
YHM	YH22-054	175.00	175.50	0.50	51500	5.15	1110	0.11	7
YHM	YH22-054	175.50	176.00	0.50	41100	4.11	1500	0.15	8.2
YHM	YH22-054	176.00	176.50	0.50	45800	4.58	1040	0.10	5.8
YHM	YH22-054	176.50	177.00	0.50	33700	3.37	912	0.09	5
YHM	YH22-054	177.00	177.50	0.50	12300	1.23	644	0.06	3.5
YHM	YH22-054	177.50	178.00	0.50	4900	0.49	330	0.03	0.8
YHM	YH22-054	178.00	178.50	0.50	3230	0.32	235	0.02	<0.5

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YHM	YH22-054	178.50	179.00	0.50	6090	0.61	340	0.03	0.8
YHM	YH22-054	179.00	179.50	0.50	5890	0.59	306	0.03	1.3
YHM	YH22-054	179.50	180.00	0.50	1730	0.17	845	0.08	<0.5
YHM	YH22-054	180.00	181.00	1.00	596	0.06	239	0.02	<0.5
YHM	YH22-054	181.00	182.00	1.00	22.7	0.00	171	0.02	<0.5
YHM	YH22-054	182.00	183.00	1.00	9470	0.95	598	0.06	1.9
YHM	YH22-054	183.00	183.25	0.25	26700	2.67	1640	0.16	9.3
YHM	YH22-054	183.25	183.60	0.35	36900	3.69	414	0.04	3
YHM	YH22-054	183.60	184.00	0.40	17200	1.72	470	0.05	2.2
YHM	YH22-054	184.00	184.50	0.50	27200	2.72	468	0.05	2.3
YHM	YH22-054	184.50	185.00	0.50	4360	0.44	227	0.02	0.7
YHM	YH22-054	185.00	186.00	1.00	3440	0.34	891	0.09	0.8
YHM	YH22-054	186.00	186.65	0.65	4370	0.44	280	0.03	0.7
YHM	YH22-054	186.65	187.00	0.35	3610	0.36	271	0.03	0.8
YHM	YH22-054	187.00	187.50	0.50	14300	1.43	481	0.05	2.7
YHM	YH22-054	187.50	188.00	0.50	7450	0.75	372	0.04	1.6
YHM	YH22-054	188.00	188.50	0.50	2310	0.23	264	0.03	<0.5
YHM	YH22-054	188.50	189.00	0.50	8630	0.86	498	0.05	2.1
YHM	YH22-054	189.00	189.50	0.50	16500	1.65	690	0.07	4.1
YHM	YH22-054	189.50	190.00	0.50	4170	0.42	430	0.04	0.8
YHM	YH22-054	190.00	190.66	0.66	2920	0.29	12000	1.20	0.9
YHM	YH22-054	190.66	191.60	0.94	551	0.06	947	0.09	<0.5
YHM	YH22-054	191.60	192.30	0.70	1120	0.11	5670	0.57	0.6
YHM	YH22-054	192.30	193.00	0.70	4700	0.47	2630	0.26	1.3
YHM	YH22-054	193.00	193.50	0.50	12400	1.24	1320	0.13	3.4
YHM	YH22-054	193.50	194.00	0.50	1090	0.11	4950	0.50	0.7
YHM	YH22-054	194.00	194.50	0.50	2220	0.22	3440	0.34	0.9
YHM	YH22-054	194.50	195.00	0.50	1340	0.13	3390	0.34	0.5
YHM	YH22-054	195.00	196.00	1.00	337	0.03	4500	0.45	2.9
YHM	YH22-054	196.00	196.50	0.50	525	0.05	3110	0.31	0.9

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Drilled by	Hole_ID	From_Depth	To_Depth	Interval	Cu_ppm	Cu_%	Zn_ppm	Zn_%	Ag_ppm
YHM	YH22-054	196.50	197.00	0.50	1770	0.18	6600	0.66	2
YHM	YH22-054	197.00	197.50	0.50	1970	0.20	2560	0.26	2.3
YHM	YH22-054	197.50	198.00	0.50	2380	0.24	31100	3.11	3.5
YHM	YH22-054	198.00	198.50	0.50	3610	0.36	4380	0.44	4.4
YHM	YH22-054	198.50	199.00	0.50	517	0.05	4530	0.45	2.4
YHM	YH22-054	199.00	200.00	1.00	331	0.03	2660	0.27	1.3
YHM	YH22-054	200.00	200.50	0.50	503	0.05	3740	0.37	1.6
YHM	YH22-054	200.50	201.00	0.50	400	0.04	4730	0.47	1.5
YHM	YH22-054	201.00	202.00	1.00	413	0.04	2330	0.23	2.8
YHM	YH22-054	206.98	207.98	1.00	209	0.02	17200	1.72	7.4
YHM	YH22-054	207.98	208.65	0.67	1060	0.11	54600	5.46	4.9
YHM	YH22-054	208.65	209.40	0.75	312	0.03	1490	0.15	0.8
YHM	YH22-054	209.40	210.00	0.60	111	0.01	800	0.08	1.7
YHM	YH22-054	210.00	210.50	0.50	451	0.05	2500	0.25	1.3
YHM	YH22-054	210.50	211.00	0.50	179	0.02	1030	0.10	1
YHM	YH22-054	211.00	212.00	1.00	367	0.04	1070	0.11	1.1
YHM	YH22-054	212.00	213.00	1.00	183	0.02	452	0.05	<0.5
YHM	YH22-077	43.00	44.00	1.00	244	0.02	91	0.01	-0.2
YHM	YH22-077	44.00	45.00	1.00	533	0.05	109	0.01	-0.2
YHM	YH22-077	45.00	46.00	1.00	270	0.03	123	0.01	-0.2
YHM	YH22-077	46.00	47.00	1.00	424	0.04	157	0.02	-0.2
YHM	YH22-077	47.00	48.00	1.00	475	0.05	320	0.03	-0.2
YHM	YH22-077	48.00	49.00	1.00	262	0.03	152	0.02	-0.2
YHM	YH22-077	52.46	53.46	1.00	108	0.01	430	0.04	4.7
YHM	YH22-077	53.46	54.00	0.54	864	0.09	12500	1.25	13.1
YHM	YH22-077	54.00	55.00	1.00	87	0.01	453	0.05	2.3
YHM	YH22-077	55.00	56.00	1.00	330	0.03	7200	0.72	5
YHM	YH22-077	56.00	56.78	0.78	218	0.02	3700	0.37	6.9
YHM	YH22-077	56.78	57.00	0.22	771	0.08	22200	2.22	51
YHM	YH22-077	57.00	57.50	0.50	336	0.03	5800	0.58	11.8

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Drilled by	Hole_ID	From_Depth	To_Depth	Interval	Cu_ppm	Cu_%	Zn_ppm	Zn_%	Ag_ppm
YHM	YH22-077	57.50	58.00	0.50	220	0.02	2800	0.28	4.7
YHM	YH22-077	58.00	58.50	0.50	141	0.01	858	0.09	13.8
YHM	YH22-077	58.50	59.00	0.50	150	0.02	3300	0.33	3
YHM	YH22-077	59.00	59.50	0.50	100	0.01	1535	0.15	2.5
YHM	YH22-077	59.50	60.50	1.00	104	0.01	778	0.08	2.8
YHM	YH22-077	60.50	61.40	0.90	142	0.01	2500	0.25	7.4
YHM	YH22-077	61.40	62.40	1.00	91	0.01	515	0.05	1.6
YHM	YH22-077	62.40	63.20	0.80	108	0.01	880	0.09	5.8
YHM	YH22-077	63.20	64.00	0.80	538	0.05	11200	1.12	28.3
YHM	YH22-077	64.00	64.50	0.50	153	0.02	2700	0.27	5.2
YHM	YH22-077	64.50	65.25	0.75	261	0.03	6200	0.62	30.1
YHM	YH22-077	65.25	66.00	0.75	1469	0.15	20400	2.04	7.6
YHM	YH22-077	66.00	67.00	1.00	409	0.04	7100	0.71	3
YHM	YH22-077	67.00	68.00	1.00	358	0.04	4900	0.49	1
YHM	YH22-077	68.00	69.00	1.00	722	0.07	11500	1.15	2.5
YHM	YH22-077	69.00	69.50	0.50	556	0.06	9600	0.96	3.4
YHM	YH22-077	69.50	70.50	1.00	320	0.03	4800	0.48	1
YHM	YH22-077	70.50	71.50	1.00	241	0.02	1997	0.20	0.2
YHM	YH22-077	71.50	72.20	0.70	307	0.03	1811	0.18	0.2
YHM	YH22-077	72.20	73.00	0.80	651	0.07	11200	1.12	1.2
YHM	YH22-077	73.00	74.00	1.00	671	0.07	10100	1.01	0.8
YHM	YH22-077	87.73	88.73	1.00	258	0.03	1151	0.12	-0.2
YHM	YH22-077	88.73	89.00	0.27	22800	2.28	1071	0.11	3.9
YHM	YH22-077	89.00	90.00	1.00	4580	0.46	4600	0.46	0.8
YHM	YH22-077	90.00	90.66	0.66	1269	0.13	987	0.10	0.9
YHM	YH22-077	90.66	91.00	0.34	10800	1.08	5600	0.56	5.8
YHM	YH22-077	91.00	91.30	0.30	24100	2.41	2700	0.27	10
YHM	YH22-077	91.30	92.00	0.70	3181	0.32	460	0.05	1.4
YHM	YH22-077	92.00	93.00	1.00	2103	0.21	345	0.03	0.3
YHM	YH22-077	93.00	93.75	0.75	655	0.07	255	0.03	-0.2

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Drilled by	Hole_ID	From_Depth	To_Depth	Interval	Cu_ppm	Cu_%	Zn_ppm	Zn_%	Ag_ppm
YHM	YH22-077	93.75	94.00	0.25	8573	0.86	1107	0.11	2.4
YHM	YH22-077	94.00	95.00	1.00	1542	0.15	298	0.03	-0.2
YHM	YH22-077	95.00	95.60	0.60	379	0.04	395	0.04	-0.2
YHM	YH22-077	95.60	96.25	0.65	1324	0.13	498	0.05	-0.2
YHM	YH22-077	96.25	97.00	0.75	2485	0.25	332	0.03	0.6
YHM	YH22-077	97.00	98.00	1.00	1015	0.10	692	0.07	0.2
YHM	YH22-077	98.00	99.00	1.00	740	0.07	299	0.03	-0.2
YHM	YH22-077	99.00	100.00	1.00	569	0.06	193	0.02	-0.2
YHM	YH22-077	100.00	101.00	1.00	917	0.09	325	0.03	-0.2
YHM	YH22-077	101.00	102.00	1.00	3541	0.35	479	0.05	0.2
YHM	YH22-077	102.00	103.00	1.00	773	0.08	289	0.03	-0.2
YHM	YH22-077	103.00	104.00	1.00	1557	0.16	256	0.03	0.2
YHM	YH22-077	104.00	104.30	0.30	12400	1.24	776	0.08	2
YHM	YH22-077	104.30	105.00	0.70	110	0.01	127	0.01	-0.2
YHM	YH22-077	105.00	106.00	1.00	3434	0.34	937	0.09	0.4
YHM	YH22-077	106.00	107.00	1.00	4646	0.46	477	0.05	0.4
YHM	YH22-077	107.00	107.72	0.72	12800	1.28	657	0.07	1.2
YHM	YH22-077	107.72	108.20	0.48	547	0.05	216	0.02	-0.2
YHM	YH22-077	108.20	109.00	0.80	435	0.04	1082	0.11	0.2
YHM	YH22-077	109.00	110.00	1.00	1988	0.20	1187	0.12	1.1
YHM	YH22-077	110.00	111.00	1.00	1991	0.20	1174	0.12	0.9
YHM	YH22-077	111.00	111.50	0.50	1329	0.13	990	0.10	0.7
YHM	YH22-077	111.50	112.18	0.68	1125	0.11	383	0.04	0.5
YHM	YH22-077	112.18	112.48	0.30	4044	0.40	668	0.07	1.3
YHM	YH22-077	112.48	113.00	0.52	1047	0.10	281	0.03	0.4
YHM	YH22-077	113.00	114.00	1.00	2100	0.21	430	0.04	0.8
YHM	YH22-077	114.00	115.00	1.00	91	0.01	248	0.02	1.1
YHM	YH22-077	115.00	116.00	1.00	517	0.05	1946	0.19	0.4
YHM	YH22-077	116.00	117.00	1.00	91	0.01	330	0.03	1.8
YHM	YH22-077	117.00	118.00	1.00	140	0.01	704	0.07	0.7

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Drilled by	Hole_ID	From_Depth	To_Depth	Interval	Cu_ppm	Cu_%	Zn_ppm	Zn_%	Ag_ppm
YHM	YH22-077	118.00	119.00	1.00	195	0.02	698	0.07	0.3
YHM	YH22-077	119.00	120.00	1.00	143	0.01	286	0.03	-0.2
YHM	YH22-077	120.00	121.00	1.00	220	0.02	1892	0.19	1.7
YHM	YH22-077	121.00	122.00	1.00	107	0.01	1108	0.11	2.2
YHM	YH22-077	122.00	123.00	1.00	116	0.01	286	0.03	1.6
YHM	YH22-077	128.00	129.00	1.00	119	0.01	203	0.02	-0.2
YHM	YH22-077	129.00	130.00	1.00	140	0.01	209	0.02	0.6
YHM	YH22-077	130.00	131.00	1.00	87	0.01	105	0.01	0.4
YHM	YH22-077	131.00	132.00	1.00	101	0.01	83	0.01	-0.2
YHM	YH22-077	168.00	169.00	1.00	90	0.01	72	0.01	1.1
YHM	YH22-077	169.00	170.00	1.00	96	0.01	86	0.01	14.4
YHM	YH22-077	170.00	171.00	1.00	97	0.01	410	0.04	3.4
YHM	YH22-077	171.00	172.00	1.00	114	0.01	84	0.01	4.1
YHM	YH22-077	172.00	173.00	1.00	95	0.01	262	0.03	1.3
YHM	YH22-077	175.80	176.80	1.00	245	0.02	4100	0.41	0.2
YHM	YH22-077	176.80	177.60	0.80	599	0.06	1524	0.15	0.4
YHM	YH22-077	177.60	178.00	0.40	684	0.07	8300	0.83	0.6
YHM	YH22-077	178.00	178.69	0.69	3122	0.31	7200	0.72	1.7
YHM	YH22-077	178.69	179.50	0.81	612	0.06	3600	0.36	0.2
YHM	YH22-077	179.50	180.30	0.80	251	0.03	3000	0.30	-0.2
YHM	YH22-077	180.30	181.00	0.70	705	0.07	5700	0.57	0.4
YHM	YH22-077	181.00	181.50	0.50	820	0.08	8300	0.83	0.2
YHM	YH22-077	181.50	182.00	0.50	769	0.08	4100	0.41	0.3
YHM	YH22-077	182.00	182.79	0.79	2728	0.27	6800	0.68	1.7
YHM	YH22-077	182.79	183.60	0.81	512	0.05	1414	0.14	-0.2
YHM	YH22-077	183.60	184.50	0.90	251	0.03	1556	0.16	0.2
YHM	YH22-077	184.50	185.50	1.00	562	0.06	1561	0.16	0.2
YHM	YH22-077	185.50	186.50	1.00	149	0.01	600	0.06	-0.2
YHM	YH22-077	186.50	187.00	0.50	350	0.04	2018	0.20	-0.2
YHM	YH22-077	187.00	187.50	0.50	3972	0.40	5400	0.54	2

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Drilled by	Hole_ID	From_Depth	To_Depth	Interval	Cu_ppm	Cu_%	Zn_ppm	Zn_%	Ag_ppm
YHM	YH22-077	187.50	188.50	1.00	799	0.08	1034	0.10	-0.2
YHM	YH22-077	188.50	189.00	0.50	585	0.06	4000	0.40	-0.2
YHM	YH22-077	189.00	189.90	0.90	296	0.03	5400	0.54	-0.2
YHM	YH22-077	189.90	190.90	1.00	680	0.07	7500	0.75	-0.2
YHM	YH22-077	190.90	191.26	0.36	2995	0.30	14500	1.45	0.3
YHM	YH22-077	191.26	192.00	0.74	2156	0.22	13800	1.38	-0.2
YHM	YH22-077	192.00	193.00	1.00	175	0.02	951	0.10	-0.2
YHM	YH22-077	196.00	197.00	1.00	392	0.04	334	0.03	-0.2
YHM	YH22-077	197.00	198.00	1.00	686	0.07	1927	0.19	0.4
YHM	YH22-077	198.00	198.50	0.50	5959	0.60	4000	0.40	3.2
YHM	YH22-077	198.50	199.00	0.50	3802	0.38	1827	0.18	1.7
YHM	YH22-077	199.00	199.39	0.39	1052	0.11	4800	0.48	-0.2
YHM	YH22-077	199.39	199.59	0.20	2208	0.22	65300	6.53	1.5
YHM	YH22-077	199.59	200.14	0.55	1350	0.14	14000	1.40	0.4
YHM	YH22-077	200.14	200.51	0.37	7319	0.73	3800	0.38	6.1
YHM	YH22-077	200.51	201.50	0.99	2930	0.29	690	0.07	1.4
YHM	YH22-077	201.50	202.50	1.00	90	0.01	222	0.02	-0.2
YHM	YH22-077	202.50	203.50	1.00	437	0.04	5100	0.51	-0.2
YHM	YH22-077	203.50	204.00	0.50	1367	0.14	20000	2.00	0.8
YHM	YH22-077	204.00	205.00	1.00	2321	0.23	25100	2.51	2
YHM	YH22-077	205.00	206.00	1.00	2753	0.28	16300	1.63	2.3
YHM	YH22-077	206.00	207.00	1.00	5818	0.58	20400	2.04	6.8
YHM	YH22-077	207.00	208.00	1.00	886	0.09	3300	0.33	0.4
YHM	YH22-077	208.00	209.00	1.00	674	0.07	9300	0.93	1.8
YHM	YH22-077	209.00	209.50	0.50	1537	0.15	9100	0.91	2.9
YHM	YH22-077	209.50	210.05	0.55	119	0.01	210	0.02	-0.2
YHM	YH22-077	210.05	210.50	0.45	2006	0.20	19300	1.93	2.4
YHM	YH22-077	210.50	211.00	0.50	2075	0.21	28800	2.88	1.7
YHM	YH22-077	211.00	211.78	0.78	1146	0.11	23800	2.38	1.1
YHM	YH22-077	211.78	212.50	0.72	203	0.02	6600	0.66	0.3

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Drilled by	Hole_ID	From_Depth	To_Depth	Interval	Cu_ppm	Cu_%	Zn_ppm	Zn_%	Ag_ppm
YHM	YH22-077	212.50	213.33	0.83	408	0.04	12100	1.21	-0.2
YHM	YH22-077	213.33	213.53	0.20	993	0.10	35300	3.53	0.8
YHM	YH22-077	213.53	214.15	0.62	1050	0.11	19400	1.94	0.3
YHM	YH22-077	214.15	215.00	0.85	732	0.07	14200	1.42	-0.2
YHM	YH22-077	215.00	216.00	1.00	388	0.04	13100	1.31	-0.2
YHM	YH22-077	216.00	217.00	1.00	270	0.03	11400	1.14	0.4
YHM	YH22-077	217.00	218.00	1.00	289	0.03	10100	1.01	0.4
YHM	YH22-077	218.00	219.00	1.00	269	0.03	5700	0.57	-0.2
YHM	YH22-077	219.00	220.00	1.00	253	0.03	13800	1.38	0.7
YHM	YH22-077	220.00	220.86	0.86	232	0.02	8300	0.83	1.6
YHM	YH22-077	220.86	221.33	0.47	338	0.03	32000	3.20	2.9
YHM	YH22-077	221.33	222.00	0.67	131	0.01	5100	0.51	0.5
YHM	YH22-077	222.00	222.85	0.85	153	0.02	5800	0.58	0.8
YHM	YH22-077	222.85	223.35	0.50	294	0.03	19300	1.93	3.9
YHM	YH22-077	223.35	224.00	0.65	612	0.06	26900	2.69	3.8
YHM	YH22-077	224.00	224.80	0.80	117	0.01	1826	0.18	-0.2
YHM	YH22-077	224.80	225.50	0.70	318	0.03	14200	1.42	2.8
YHM	YH22-077	225.50	226.10	0.60	117	0.01	1215	0.12	-0.2
YHM	YH22-077	226.10	227.00	0.90	232	0.02	10200	1.02	1.1
YHM	YH22-077	227.00	228.00	1.00	168	0.02	8200	0.82	1.1
YHM	YH22-077	228.00	229.00	1.00	96	0.01	1574	0.16	1
YHM	YH22-077	229.00	230.00	1.00	117	0.01	918	0.09	0.7
YHM	YH22-077	230.00	231.00	1.00	190	0.02	494	0.05	0.4

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	<i>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.</i> <i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i> <i>Aspects of the determination of mineralisation that are Material to the Public Report.</i> <i>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.</i>	- York Harbour Metals NL Incorporated (“YHM”) previously drilled holes YH22-054 and YH22-077 in September-October 2022. - YHM completed five phases of diamond drilling between 2021-2024. - All drilling conducted by YHM 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

Criteria	JORC Code explanation	Commentary
		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.
<i>Drilling techniques</i>	<i>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).</i>	- Previous drilling by YHM 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
<i>Drill sample recovery</i>	<i>Method of recording and assessing core and chip sample recoveries and results assessed.</i> <i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i> <i>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.</i>	- Core recovery was previously determined by YHM and currently measured 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
<i>Logging</i>	<i>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.</i> <i>Whether logging is qualitative or quantitative in nature. Core (or</i>	All previous drill samples collected by YHM 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

Criteria	JORC Code explanation	Commentary
	<i>costean, channel, etc) photography.</i> <i>The total length and percentage of the relevant intersections logged.</i>	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 mineralization 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 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 and sample preparation	<i>If core, whether cut or sawn and whether quarter, half or all core taken.</i> <i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i> <i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i> <i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i> <i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field</i>	- All samples previously collected by YHM and samples collected by FTL were taken using the following sub-sampling techniques and sample preparations - Sample intervals were determined by geologists during logging based on geological boundaries determined by the logging geologist. - 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. - Half the core was submitted for analysis and the remaining half was stored securely for future reference and potentially further analysis if

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	<i>duplicate/second-half sampling.</i> <i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i>	ever required. - Sample intervals were marked on the core by the responsible geologist, considering lithological and structural features and visible mineralization. - 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 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.
<i>Quality of assay data and laboratory tests</i>	<i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i> <i>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</i>	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

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	<i>derivation, etc.</i> <i>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.</i>	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.
Verification of sampling and assaying	<i>The verification of significant intersections by either independent or alternative company personnel.</i> <i>The use of twinned holes.</i> <i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i> <i>Discuss any adjustment to assay data.</i>	- 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	<i>Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used</i>	The coordinates of the reported drillholes were based on NAD83 UTM Zone 21N.

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	<i>in Mineral Resource estimation.</i> <i>Specification of the grid system used.</i> <i>Quality and adequacy of topographic control.</i>	- Drillhole coordinates were verified by FTL using a handheld GPS - Drillhole coordinates have not been surveyed with a differential GPS - Topographic control is $\pm 3-5\text{m}$ - 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.
<i>Data spacing and distribution</i>	<i>Data spacing for reporting of Exploration Results.</i> <i>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.</i> <i>Whether sample compositing has been applied.</i>	- 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 which may or may not contain economic mineralisation. - Drill holes are spaced appropriately for coarsely defining mineralisation lodes.
<i>Orientation of data in relation to geological structure</i>	<i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i> <i>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.</i>	- 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 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.
<i>Sample security</i>	<i>The measures taken to ensure sample security.</i>	Drill core was transported in wooden core boxes from the drill site to the secure YHM/FTL logging facility in Lark Harbour, Newfoundland,

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		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.
<i>Audits or reviews</i>	• <i>The results of any audits or reviews of sampling techniques and data.</i>	• 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
<i>Mineral tenement and land tenure status</i>	• <i>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.</i> • <i>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.</i>	• 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. • All mineral claims are currently in good standing with no known impediments.

Criteria	JORC Code explanation	Commentary
<i>Exploration done by other parties</i>	<i>Acknowledgment and appraisal of exploration by other parties.</i>	- 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 mineralization 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 mineralization 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.
<i>Geology</i>	<i>Deposit type, geological setting and style of mineralisation.</i>	- Volcanogenic massive sulphide mineralization 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 mineralization in the upper basalts, indicates that hydrothermal activity was ongoing during the deposition of the entire

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		stratigraphic package, including the upper basalts above mineralisation. 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. Colloform textures are commonly preserved, and the lenses are commonly bounded by narrow hanging wall and footwall shear zones. The massive sulphide lenses are often brecciated and are underlain by a variably developed copper- to zinc-rich stringer zone typically associated with intense hydrothermal brecciation.																																
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: - 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.	The following coordinates have been verified by FTL with a handheld GPS and are presented in NAD83 Zone 21N <table><tr><th>Drilled by</th><th>Hole ID</th><th>Easting</th><th>Northing</th><th>RL</th><th>Dip</th><th>Azimuth</th><th>Total Depth (m)</th></tr><tr><td>YHM</td><td>YH22-054</td><td>404316.8</td><td>5433440.9</td><td>358</td><td>-65</td><td>60</td><td>221</td></tr><tr><td>YHM</td><td>YH22-077</td><td>404481.9</td><td>5433538.1</td><td>359.3</td><td>-65</td><td>240</td><td>281</td></tr><tr><td>FTL</td><td>YH24-123</td><td>404330</td><td>5433445</td><td>358.6</td><td>-60</td><td>60</td><td>297</td></tr></table>	Drilled by	Hole ID	Easting	Northing	RL	Dip	Azimuth	Total Depth (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
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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.	- No composite results have been reported herein. - No metal equivalent values reported herein.																																
Relationship between mineralisation	- These relationships are particularly important in the reporting of Exploration Results. - If the geometry of the mineralisation with respect to the drill hole	- 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																																

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<i>widths and intercept lengths</i>	<i>angle is known, its nature should be reported.</i> <i>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').</i>	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.
<i>Diagrams</i>	<i>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.</i>	Maps and plans have been included in body of the announcement.
<i>Balanced reporting</i>	<i>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.</i>	All information has been reported
<i>Other substantive exploration data</i>	<i>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.</i>	All exploration data considered meaningful and material has been reported in this announcement.
<i>Further work</i>	<i>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</i> <i>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</i>	- 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. - New geochemical analysis of shoulders/buffer zones to known mineralisation within herein reported drillholes - A property wide airborne EM survey is currently underway - 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.