

# TRANSFORMATIONAL ADVANCED HIGH-GRADE CANADIAN COPPER ASSETS

#### **ACQUISITION OF:**

- O ICE Copper-Gold Deposit (Yukon)
- Harley Copper Project (NWT) and
- Mariner Copper Project (NWT)

**ASX:BMO** 

This presentation has been approved by the Executive Chairman of Bastion Minerals Limited

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BMO To Acquire High-grade Canadian Copper Portfolio – Thick Drill Intersections To 20.56m @ 5.20% Copper. Historical Resource 5mt @ 1.5% Copper – Major Expansion Potential. ASX Announcement 30 July 2024.

Harley & Mariner High-grade Copper Acquisitions, NWT, Canada – Sedimentary Copper And IOCG Projects. ASX Announcement 31 July 2024.

Currency: All currencies in this presentation are in Australian dollars unless otherwise stated.

#### **CAPITAL STRUCTURE**



# **Transaction Snapshot**

**Post-transaction & Capital Raise** 

\$6,358,087

Market capitalisation @ \$0.007

\$2,400,000\*Approx

Cash at Bank

\$3,958,087

Enterprise Value @ \$0.007

+\$5,000,000<sub>1</sub> (US\$0.66)

Potential proceeds of on agreement to sell Cometa Copper project to ASX:HCH

**Transaction** 

46,875,000

**Upfront Acquisition shares** 

908,298,132

Total shares on issue (post)

140,625,000

Escrowed acquisition shares

187,500,000

Total Acquisition shares

**PERFORMANCE SHARES** 

62,500,000

Drilling intersection of at least 15m @ 1% Copper

62,500,000

10Mt JORC resource @ 1% Copper



# Strongly Supported Placement Completed and Rights Issue

- Investors have until Monday 26th August 2024 (Record date) to be on the register as a shareholder to qualify for the rights entitlement issue.
- Bastion Minerals Limited is intending to issue a total of 285,714,286 shares at \$0.007 per share to raise a total of \$2,000,000 (before costs).
- The Offer consists of a private placement (now completed) to raise \$500,000 (before costs) via the issue of 71,428,571 shares ("Placement") and rights issue to raise \$1,500,000 (before costs) 214,285,714 ("Rights Issue") based on 1 new Ordinary share for every 2.36 Ordinary shares held (at the Record Date)
- The Placement and Rights Issue Offer includes a 1:3 free attaching option (3-year expiry and exercise price \$0.03)
  ("Option"). The Company will apply for quotation of these options at the appropriate time, subject to meeting the ASX's conditions for quotation of new securities

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# Considerable exploration upside building on a deposit with an existing high-grade copper resource

# Bastion has acquired three 100%-owned Copper projects in mining friendly jurisdictions of Canada

# ICE Copper-Gold Deposit, Yukon

Cyprus-style VHMS deposit containing 4.56Mt @1.48% Cu\*.

Mineral claims concentrated across 56km<sup>2</sup> close to major infrastructure

Exceptional historical drill results hit massive Cu sulphides + Au, Ag and Co

Significant resource upgrade and JORC compliance potential

#### Harley Copper Project, Northwest Territories

Two mineralised horizons detected across 1km strike length

Two claims covering 310km<sup>2</sup>

Previous drilling intersected sedimentary copper in both horizons and significant silver credits (up to 202g/t Ag)

Immense sedimentary Cu, VHMS and IOCG mineralisation potential with limited drilling to date

#### Mariner Copper Project, Northwest Territories

Previous drilling intersected Cu as chalcopyrite and bornite in quartz

Single 155km<sup>2</sup> prospecting license

Grades as high as 18.4% Cu

Surrounded by White Cliff Minerals (ASX:WCN) Port Radium Project

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Legend Harley & Mariner Licences

<sup>\*</sup>Resource is a non-JORC 1998 unpublished resource for Expatriate Resources. A competent person has not done sufficient work to classify the historical foreign estimates as mineral resources or ore reserves in accordance with the JORC Code (2012); and it is uncertain that following evaluation and/or further exploration work that the historical foreign estimate will be able to be reported as mineral resources or ore reserves in accordance with the JORC Code.



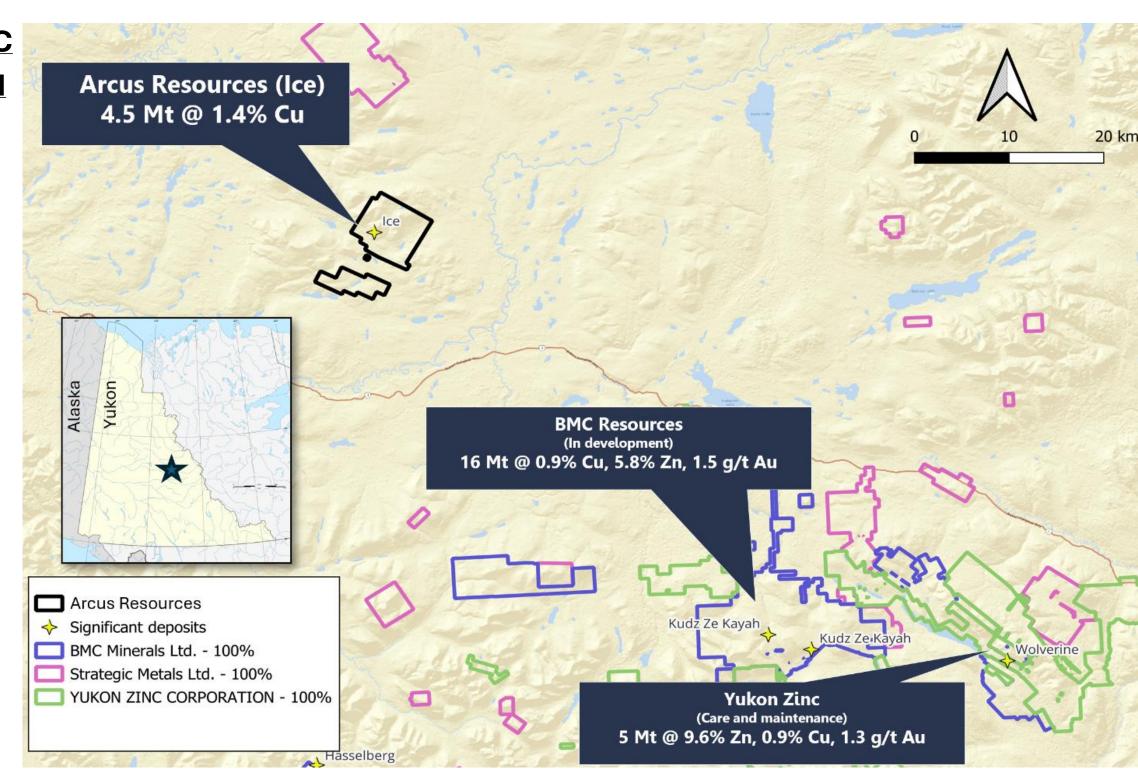
# ICE Copper Project (Yukon, Canada) - Advanced with Resource

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# ICE Copper-Gold Project: Un-mined Resource poised for growth



- Resource estimation completed 1998, resulting in non-JORC historical foreign resource of 4.56Mt @ 1.48% Cu (estimated for Expatriate Resources<sup>1</sup> see Arcus Resources on map).
- Approx 3.4Mt of the resource is located near surface within the 1998 open pit outline<sup>1</sup>.
- Discovered 1996<sup>1</sup> following location of oxidized copper mineralisation, and major anomalies identified from geophysical and soil geochemistry testing.
- Located less than 20km from a major provincial road and 220km northeast of provincial capital Whitehorse.
- Extensive drilling confirmed high-grade sulphide core surrounded by halo containing thick lower-grade intersections.
- Sulphide only resource estimated over a strike length of 450m and 220m down dip, yielding 1Mt @ 4.32% Cu (historical) <sup>1</sup>.
- Cyprus-type VHMS characteristics, similar to deposits found on western side of North America.



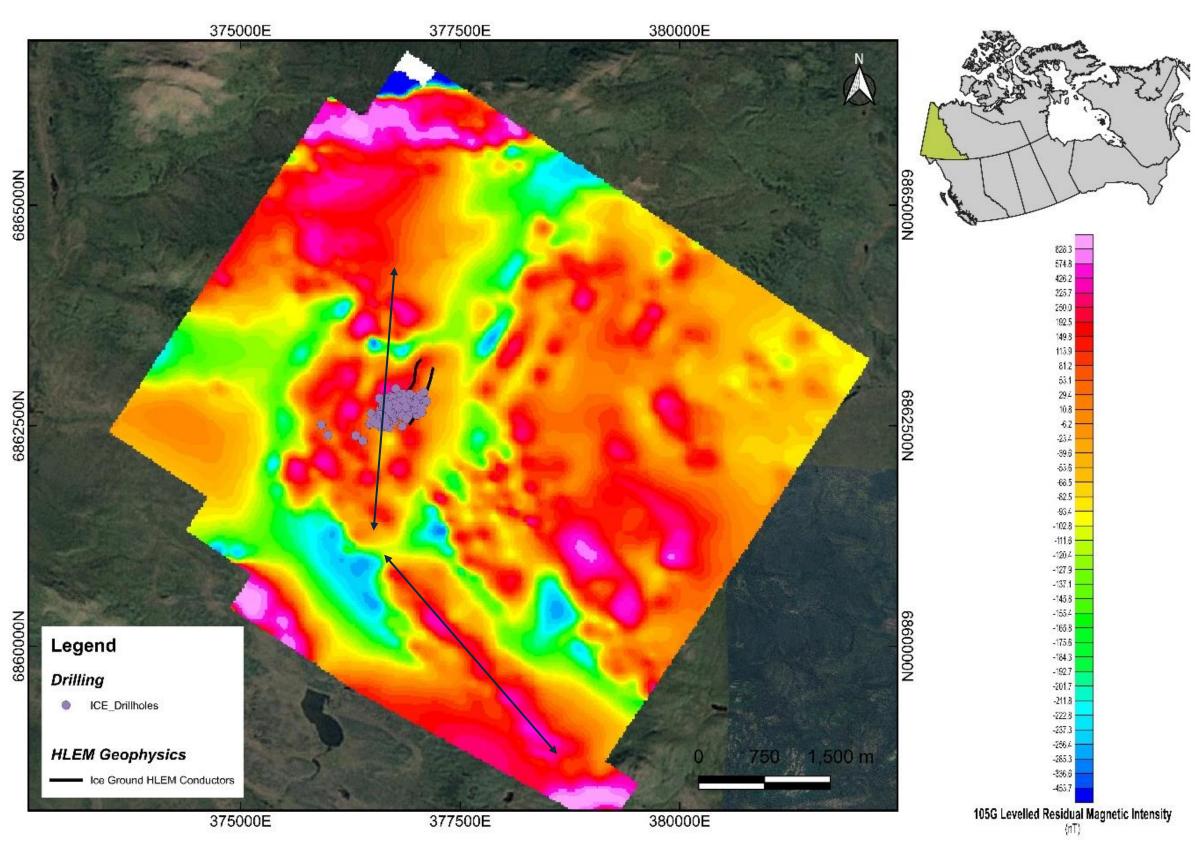
Location of the ICE project relative to the Yukon Zinc Wolverine and Kudz Ze Kayah deposit with historical properties shown

<sup>1</sup>Information from reports for Expatriate resources by T.C. Becker of Archer Cathro consultants and an Audit of Mineral Resources of the Ice Deposit, by I.S. Thompson, of Derry, Michener, Booth & Wahl Consultants Ltd. November 19. 1998.

# ICE Copper-Gold Project: High-grade drilling data



- Conducted over outcropping copper mineralisation, soil geochemistry and EM conductors during 1996 and 1997.
- Total of 121 diamond holes drilled for 10,584m, with all but five on the outcropping deposit.
- Best assay results obtained near the centre of drill area in a 350m x 50m zone.
- Consisted predominantly of primary massive sulphide mineralisation.
- Limited exploration along strike.
- Significant potential for discovery of new deposits in the project area in a similar setting to the existing deposit.



Concentration of drill hole locations over aeromagnetics and the interpreted principal trend of host basalts – from original Expatriate Resources data.

# ICE Copper-Gold Project: Spectacular un-mined high-grade drill results



#### SHALLOW HIGH-GRADE COPPER INTERESTIONS DURING DRILLING INCLUDE\*:

5.92m @ 8.56% Cu

from 88.57 to 94.49m (ID97-11)

28.55m @ 3.57% Cu

from 90.02 to 118.57 (ID97-13)

28.51m @ 3.57% Cu

from 13.25 to 41.76m (IC97-57)

25.09m @ 3.47% Cu

from 19.26 to 44.35m (IC97-46)

20.56m @ 5.20% Cu

from 72.10 to 92.66m (IC96-34)

19.75m @ 4.31% Cu

from 79.55 to 99.3m (ID97-36)

8.97m @ 4.18% Cu

from 17.68 to 26.65m (IC97-84)

7.55m @ 4.09% Cu

from 86.77 to 94.32m (ID97-20)

7.43m @ 3.35% Cu

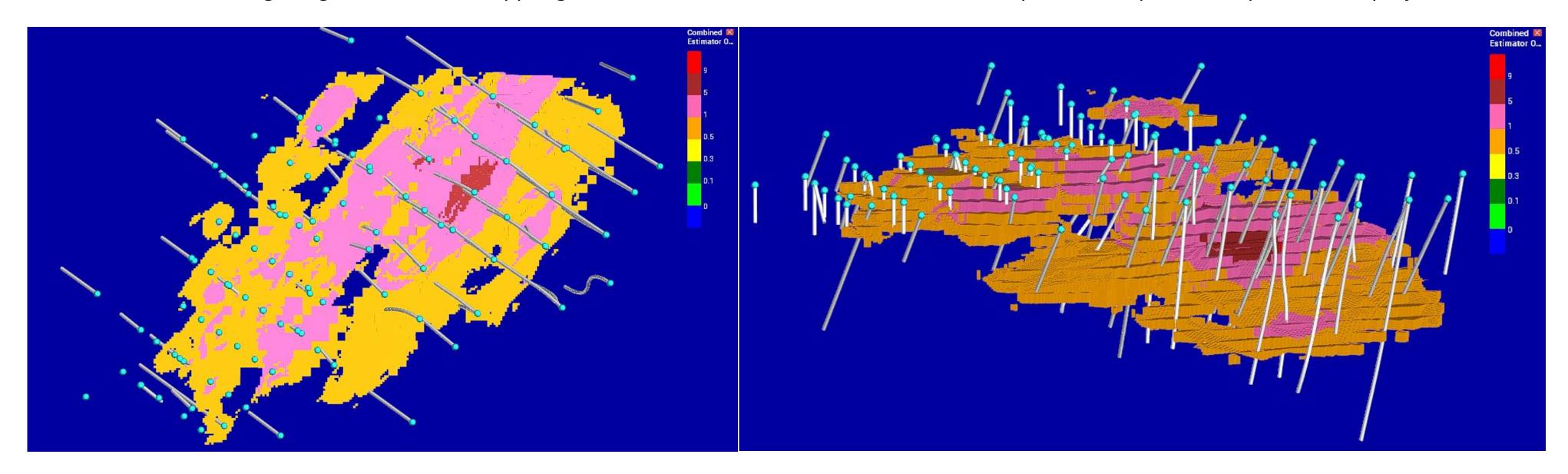
from 30.97 to 38.40m (IC97-70)

\*For full details of the exploration results reported above, including relevant historical information, refer to the Company's ASX Announcements of 30 and 31 July 2024

# ICE Copper-Gold Project: Resource Modelling Underway



The company has reviewed the available data from Expatriate Resources that went into the original 1998 non-JORC resource estimate, and has used this to build a geological model and copper grade block model, in order to understand the potential exploration upside of the project.



Different views of the copper block model for the Inverse-Distance Squared model, with a 0.5% Cu copper cut-off (left = plan view, right = oblique, looking north) — graphics prepared by Bastion Resources based on historical data available from Expatriate Resources — from excel sheets of data available. The model is based on the assay data as presented in historical excel spreadsheets, without any compositing or cutting of grades

# ICE Copper-Gold Project: Significant Open Cut Potential



- Historical resource estimate for open pit extraction was estimated when the copper price was US\$0.78/lb
- 3.4Mt of the 4.56Mt historical foreign non-JORC resource estimated to be within the designed open pit for 49,810 tonnes of copper<sup>1</sup>.
- The resource dates from 1998<sup>1</sup>, when consultants working for then owners Expatriate Resources estimated the resource for the ICE deposit.

The resource was reviewed by an independent consultancy in 1998<sup>1</sup>, who concluded that the resource was estimated in a reasonable way and was reliable.

Section	Area	Depth	Pit Vol.	Res. Vol	Waste Vol	S.G.	Resource	Waste	Resource
	(m2)	(m)	(m3)	(m3)	(m3)	(g/cc)	(tonnes)	(tonnes)	Waste
10,950 N	2,284	50	114,200	38,292	75,908	2.75	106,452	208,747	1:2.0
11,000 N	3,202	50	160,090	118,319	41,771	2.75	328,927	114,869	1:0.3
11,050 N	3,296	50	164,810	70,814	93,996	2.75	196,862	258,489	1:1.3
11,100 N	4,860	50	242,992	147,925	95,067	2.75	419,338	261,433	1:0.6
11,150 N	5,382	50	269,100	108,782	160,318	2.75	326,559	440,875	1:1.3
11,200 N	11,424	50	571,200	245,665	325,535	2.75	702,124	895,221	1:1.2
11,250 N	17,689	50	884,450	218,455	665,995	2.75	640,455	1,831,486	1:2.9
11,300 N	22,551	50	1,127,575	170,584	956,991	2.75	595,506	2,631,724	1:4.5
11,350 N	12,424	50	621,200	12,900	608,300	2.75	49,663	1,672,825	1:35
11,400 N	3,553	50	177,650	O	177,650	2.75	O	488,538	
11,450 N	0	50	О	О		2.75	0	О	
11,500 N	О	50	О	О		2.75	О	0	
Total		40.4					3,365,886	8,804,206	1:2.6
Туре		Cu	Co	Zn	Ag	Au	GMV	Mass	_
		(%)	(%)	(%)	(g/t)	(g/t)	(\$U.S./ton)	(tonnes)	_

Historical open pit resource estimation for open pit extraction, with 3.4 of the 4.56 Mt estimated reporting to the then designed open pit for 49,810 tonnes of copper.

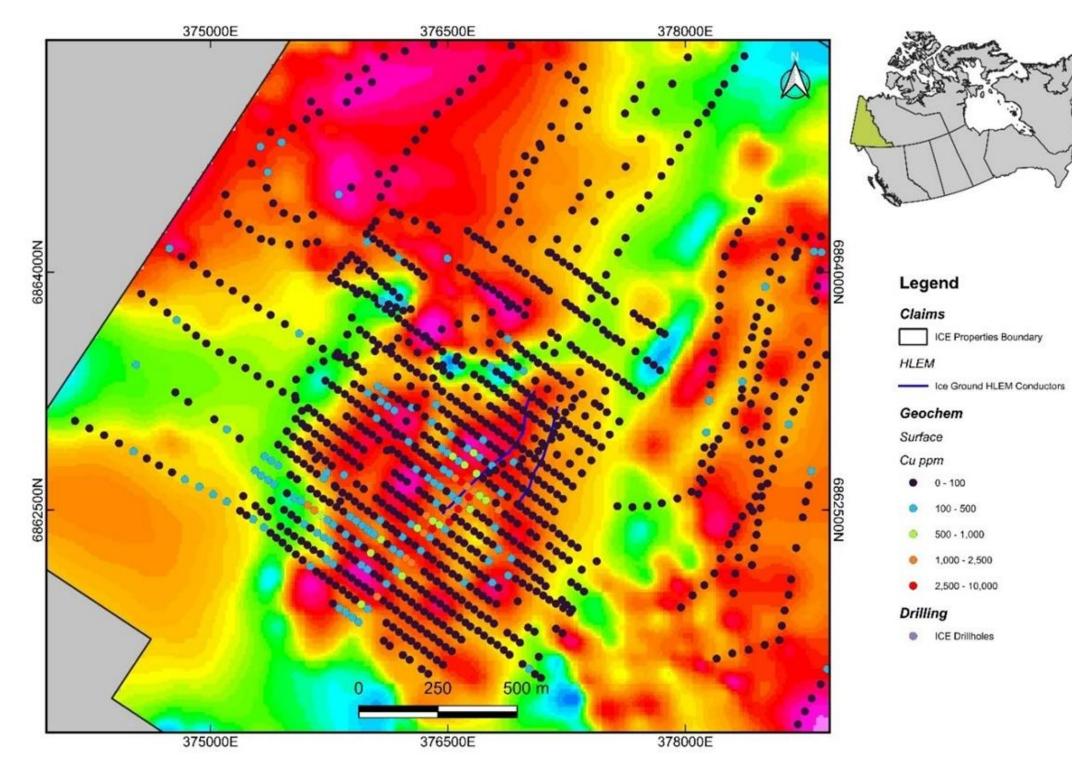
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<sup>&</sup>lt;sup>1</sup> Information from reports for Expatriate resources by T.C. Becker of Archer Cathro consultants and an Audit of Mineral Resources of the Ice Deposit, by I.S. Thompson, of Derry, Michener, Booth & Wahl Consultants Ltd. November 19. 1998.

# ICE Copper-Gold Project: Strong mineralisation



- Project hosts Cu+Au+Ag+Co VHMS mineralisation with primary Cu minerals found in massive sulphide horizons and stockwork zones.
- Secondary copper minerals occur above or peripheral to the primary mineralisation<sup>1</sup> and were formed either by in situ oxidation or precipitation following leaching and groundwater transport.
- VHMS deposits are present along western North America, extending from California to British Colombia, and through Yukon into Alaska (also common around the Pacific).
- Cyprus-type VHMS deposits are relatively high in copper, and low in zinc and lead but can have moderate grades in gold and silver, and associated cobalt.
- Slide Mountain Terrane units underlying the property consist of variably strained, intercalated, basalts, ultramafic and mafic plutonic rocks, ribbon cherts with associated argillite, sandstone, and minor limestone.



Soil geochemistry and EM trends and targets within the ICE Project area, proximal to drillholes.

<sup>1</sup> Information from reports for Expatriate resources by T.C. Becker of Archer Cathro consultants and an Audit of Mineral Resources of the Ice Deposit, by I.S. Thompson, of Derry, Michener, Booth & Wahl Consultants Ltd. November 19. 1998.



# Harley Copper Project (NWT, Canada) – Potential Large Scale Sedimentary Copper Deposit

# Harley Copper Project: High-grade copper project (NWT, Canada)



- Consists of two claims covering 310km² located near Great Bear Lake in the northern NWT.
- O Potential for VHMS, IOCG and stratiform copper mineralization.
- Harley horizon traced for approximately 1km laterally with elevated copper-silver mineralisation<sup>2</sup>, before disappearing under vegetation cover, providing a large target for drilling.
- Exciting opportunity to define a large tonnage sedimentary copper deposit in this project.

<sup>2</sup> Information from Gummer, P.K. Ronda Mining Corporation August 1997 report of work on the Harley Cu-Au Project.

Location of the Harley project, showing the mapped outcropping mineralised horizon and prospective stratigraphic units, based on historical information and government regional geological data.

Not to Scale Willy Trench **BASTION** Harley Project Cu and U Mineral Occurrences Mineralisation Zone Granitoids

# Harley Copper Project: High-grade copper drill results



Two holes drilled in 1997<sup>2</sup> into a stratabound sedimentary copper unit with mineralised upper and lower horizons:

5.5m @ 2.18% Cu and 58 g/t Ag from 7m (H97-1)

- 7.3m @ 2.16% Cu and 58.6 g/t Ag from 7.8m (H97-2)
- Deeper horizon returned between 1.69 m @ 1.52 % Cu
- and 1.23 m @ 1.44% Cu for the two holes

Copper occurs as disseminated sulphides in the matrix of a conglomerate and sandstone, with chalcopyrite and bornite.

Exciting opportunity to define a large tonnage sedimentary copper deposit in this project.

Mineralised Harley horizon and location of the drill holes. Map prepared by Bastion Minerals based on historical information

<sup>536,000</sup>mE 7,380,000mN Willy Trench 2.8%Cu, 144 g/t Ag BASTION **Harley Project** Mineralisation Zone Legend Louise Trench Project Tenement 1.49%Cu over 2m 5.5m @ 2.18% Cu and 58 g/t Ag, and 1.69m @ 1.52% Cu Drilling Location - - Folds 7,376,000m - Faults Mineralization Zone Metavolcanics and Interbedded Metasediments Volcaniclastic Sediment WGS84 Zone 11

<sup>&</sup>lt;sup>2</sup> Information from Gummer, P.K. Ronda Mining Corporation August 1997 report of work on the Harley Cu-Au Project.

# Harley Copper Project: Large Scale Sedimentary Copper Opportunity



- With the historical discovery of copper mineralisation in trenches, separated by 1 km along the target horizon, two holes were drilled from the same pad at the mineralisation (Figure to right<sup>2</sup>).
- Two steeply mineralised horizons were intersected within conglomerate and sandstone units, beneath a shale package, the classic sedimentary copper setting
- Examples of sedimentary copper deposits include the Zambia-Congo Central African Copper Belt and the Kalahari Copper Belt in Africa; the Kupferschiefer in Poland and Germany and the White Pine and Sullivan belts in the North America. The most recent copper belt discoveries have included the Kamona deposit in Congo, with ~ 1.7 Bt @ 2.5% Cu.

Harley drill holes and interpreted mineralised horizon in the footwall to a package of shales and sandstone

Surface Hanging Wall Footwall Exposure 10m BS DDH-H97-L2 Copper-Silver Zone 20m BS **Schematic Cross Section** -30m BS **Looking West** Legend Drilling Sulfide Zone Geological Break 40m BS Shale and Sandstone Sandstone Dominant Copper - Silver Zone

<sup>&</sup>lt;sup>2</sup> Information from Gummer, P.K. Ronda Mining Corporation August 1997 report of work on the Harley Cu-Au Project.



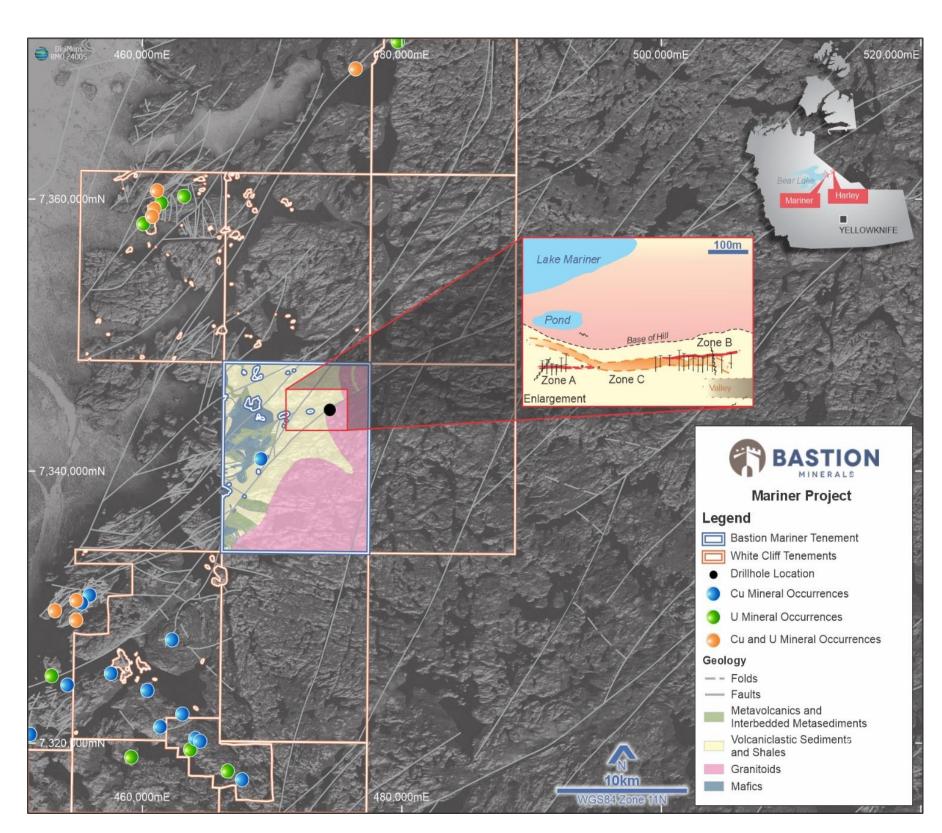
# Mariner Copper Project (NWT, Canada) – High-grade Project Surrounded by Significant Historical Production

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# Mariner Copper Project: Three Mineralised Zones To Follow Up



- Single 155km² claim hosting high-grade drill indicated copper mineralisation within a brecciated quartz zone.
- Also located in the Great Bear Lake region and along strike to the north-east from White Cliff Minerals Ltd's (ASX:WCN) Port Radium project.
- Area underlain by volcanic and associated sedimentary rocks, intruded by granitoids and small diabase dykes.
- Last subject to systematic diamond drilling in 1968-69<sup>3</sup> when 27 holes punched into quartz breccia identified to contain elevated concentrations of Cu.
- Drilling identified three key mineralised zones and intersected copper as chalcopyrite and bornite in quartz-cemented breccia in a porphyritic unit.
- Mineralisation has potential for Iron Oxide Copper Gold deposits similar to those found in Chile, Peru and the Cloncurry (Queensland) and Gawler Craton (South Australia).

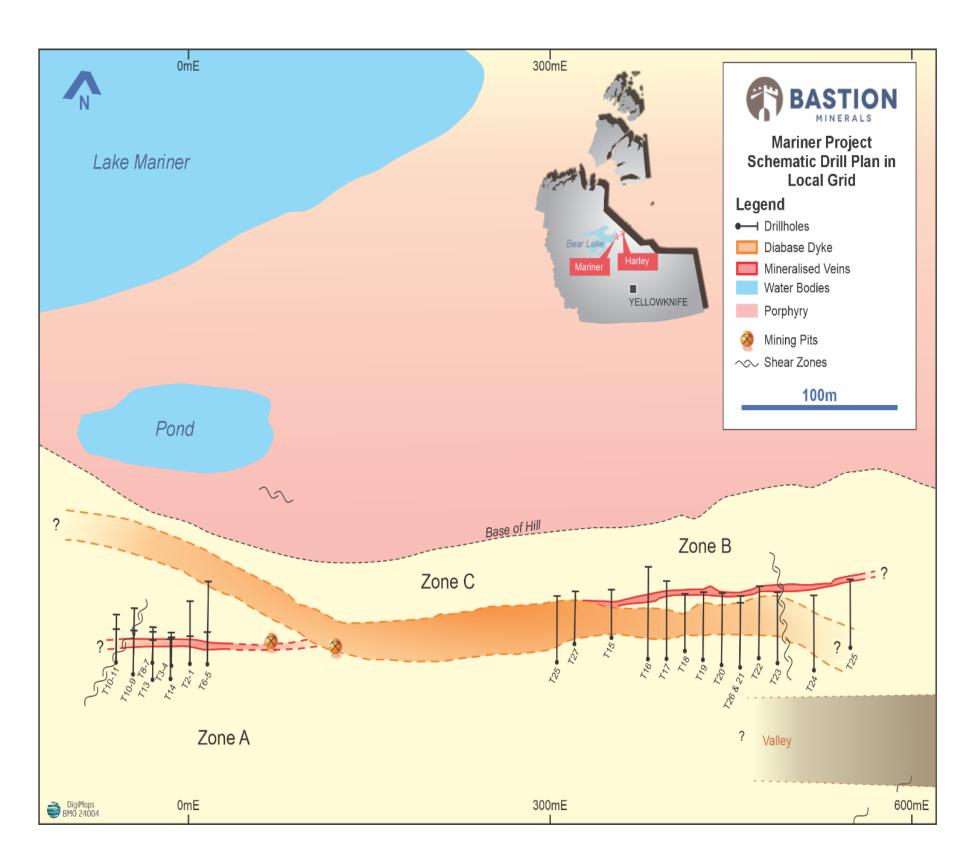


Mariner regional government mapping and mineral occurrences, showing the Mariner property (blue outline) and adjacent WCN properties (orange-cream) – insect map from historical data

# Mariner Copper Project: IOCG Style Deposit Potential



- Drilling identified three key mineralised zones and intersected copper as chalcopyrite and bornite in quartz-cemented breccia in a porphyritic unit.
- Mineralisation in the area has potential for Iron Oxide Copper Gold deposits.
- The company will seek to interpret additional geological information and prepare an exploration plan to discover further mineralisation within the project



<sup>3</sup>Bernier A.F. Mariner Mines Limited, March 1969 progress report on the Mariner Mines holdings, Great Bear Lake. Coordinates of holes are only present on a local grid.

Mariner mapping and drill locations on a local grid, along a quartz breccia zone with copper mineralisation.

#### **NEXT STEPS**



### What are the game changing catalysts for shareholders?

1 –

Bastion already in the process of assembling geologists, geophysicists and permitting experts to build a project team

2 —

Budgeting and activity prioritisation to occur immediately following transaction completion (approx. four weeks) 3

Future activities expected to include soil/till sampling, geophysical surveys, field prospecting and mapping, and planning for drilling activity

4

Potential down hole EM data collection and drill hole surveying at ICE, as well as drill core resampling if obtainable

5

Drill target generation at ICE through geochemical and geophysical data collection

6

Planning for JORC resource conversion and re-estimation



# COMPANY

Ross Landles

**Executive Chairman** 

E. ross.landles@bastionminerals.com

M. +61 438 959 144

Level 6, 22 Pitt Street Sydney NSW 2000

in

**ASX:BMO** 

