

# Oweegee Dome

A Copper - Gold porphyry project beside the highway in BC's Golden Triangle

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Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, the company does not in providing this information undertake any obligation to publicly update or revise any of the forward-looking statements or any change in events, conditions or circumstances on which any such statement is based.

***Investors are cautioned that Sanatana Resources Inc. has not verified the data from the Hercules Silver Corp.'s Hercules deposit. Further, the presence and style of mineralization on these properties is not necessarily indicative of similar mineralization on the Sanatana Resources Inc. property. Historical assays from rock sampling and drill programs on its properties have not been verified by Sanatana but have been cited from sources believed to be reliable. This presentation contains statements about Sanatana's expectations and are forward-looking in nature. As a result, they are subject to certain risks and uncertainties. Although Sanatana believes that the expectations reflected in these forward-looking statements are reasonable, undue reliance should not be placed on them as actual results may differ materially from the forward-looking statements. The forward-looking statements contained in this presentation are made as of the date hereof, and Sanatana undertakes no obligation to update publicly or revise any forward-looking statements or information, except as required by law.***

Buddy Doyle, BAppSc (Geol.), FAusIMM, VP Exploration of Sanatana Resources Inc., a Qualified Person, as such term is defined in National Instrument 43-101—Standards of Disclosure for Mineral Projects (“NI 43-101”), has reviewed and approved the scientific and technical disclosure contained herein.

Copper and gold equivalent grades (%CuEq) are for comparative purposes only. Calculations are uncut and recovery is assumed to be 100% as no metallurgical data is available. Metal prices are US\$3.50/lb copper, US\$1,700/oz gold and US\$19/oz silver, using the formula: %CuEq =  $\text{Cu grade} + (\text{Au price} \times \text{Au grade} + \text{Ag price} \times \text{Ag grade}) / 31.104 / (\text{Cu price} \times 22.046)$  results rounded to the nearest significant number, two decimal places.

# Management

## Peter Miles, CEO, Director

Mr. Miles has a B.Comm from the University of British Columbia. He has more than 25 years' experience in finance and was formerly a Vice President of Midland Doherty Inc., Dean Witter Reynolds, and CIBC World Markets. Prior to becoming President and CEO of Sanatana Resources Inc., Mr. Miles was an advisor to a number of public and private companies, primarily in the natural resource sector including Roughrider Uranium Inc. At a private stage, Mr. Miles financed Roughrider and was later instrumental in Hathor Exploration Inc.'s acquisition of Roughrider. Hathor was acquired by Rio Tinto plc in 2011 for \$654 million. Mr. Miles is a Director of Gamehost Inc. and is the founder of Sanatana Resources Inc. Mr. Miles is a commercial pilot with some 3000 hours pilot in command of over 15 different types of aircraft.

## Buddy Doyle, President, Director

Mr. Doyle has a degree in Geology, from the Queensland University of Technology, graduating in 1981. Mr. Doyle's career highlights include being involved in the discovery and evaluation of the Lihir Gold Mine in Papua New Guinea and the Diavik Diamond mine in Canada, both while working for Rio Tinto PLC. In 2004 he received the Hugo Dummitt award for Excellence in diamond exploration for his involvement in the Diavik discovery. Since 2004 Mr. Doyle has been involved in geology consulting and creating and operating mining exploration start-ups listing on the Toronto Venture Exchange and the AIM London Exchange.

As CEO of Amarillo gold from 2004 to 2017 he oversaw a near production gold project in Brazil and he was founder and a director of Western Potash from 2007-2017, which discovered and developed the now in production Milestone Potash Project in Saskatchewan. Additionally, Mr. Doyle is a Fellow of the AUSIMM.

## Jeff Kyba, Chief Geologist, PGeo.

Mr. Kyba has had various field appointments with junior and mid-tier companies and the BC Geological Survey throughout British Columbia and Australia. His experience spans grassroots exploration to deposit delineation for precious and base metals as well as five years of regional oversight of all exploration and mining projects in northwestern BC for the provincial government. This work resulted in several government publications and a map identifying favorable areas to explore for minerals, commonly known as the "Kyba Red Line"; a stratigraphic unconformity located within 2 km of nearly all major deposits in the Stikine Terrane. His map helped companies to identify underexplored areas and guide grassroots target generation and remains in use today.

## Ian Smith, Chairman, Independent Director

A mining engineering graduate of the University of Queensland, Australia, Mr. Smith has 50 years' experience in, operations and project management and consulting within the international base and precious metals industries. Mr. Smith was Mine Superintendent at the 90,000 tpd Bougainville Copper mine in Papua New Guinea. As President and CEO of bcMetals Corp., he engineered the 30,000tpd Red Chris copper/gold porphyry project for development in northwest BC prior to it being acquired by Imperial Metals Corp. Mr. Smith was President and founding partner of the consulting company Mineral Resources Development Inc.. until it was purchased in 1995.



# Capital Structure and Ownership (as of May 2, 2024)

<b>Shares</b>	<b>79,930,822</b>
<b>Warrants</b>	
Exercise price \$0.20 11/05/24	120,000
Exercise price \$0.20 1/06/24	89,400
Exercise price \$0.20 10/26/24	2,000,000
Exercise price \$0.20 11/11/24	6,883,333
Exercise price \$0.20 12/01/24	1,035,000
Exercise price \$0.10 30/12/24	410,000
Exercise price \$0.15 30/12/24	5,500,000
Exercise price \$0.10 22/12/26	140,000
Exercise price \$0.10 29/12/24	78,000
Exercise price \$0.15 22/12/26	2,000,000
Exercise price \$0.15 29/12/26	1,680,000

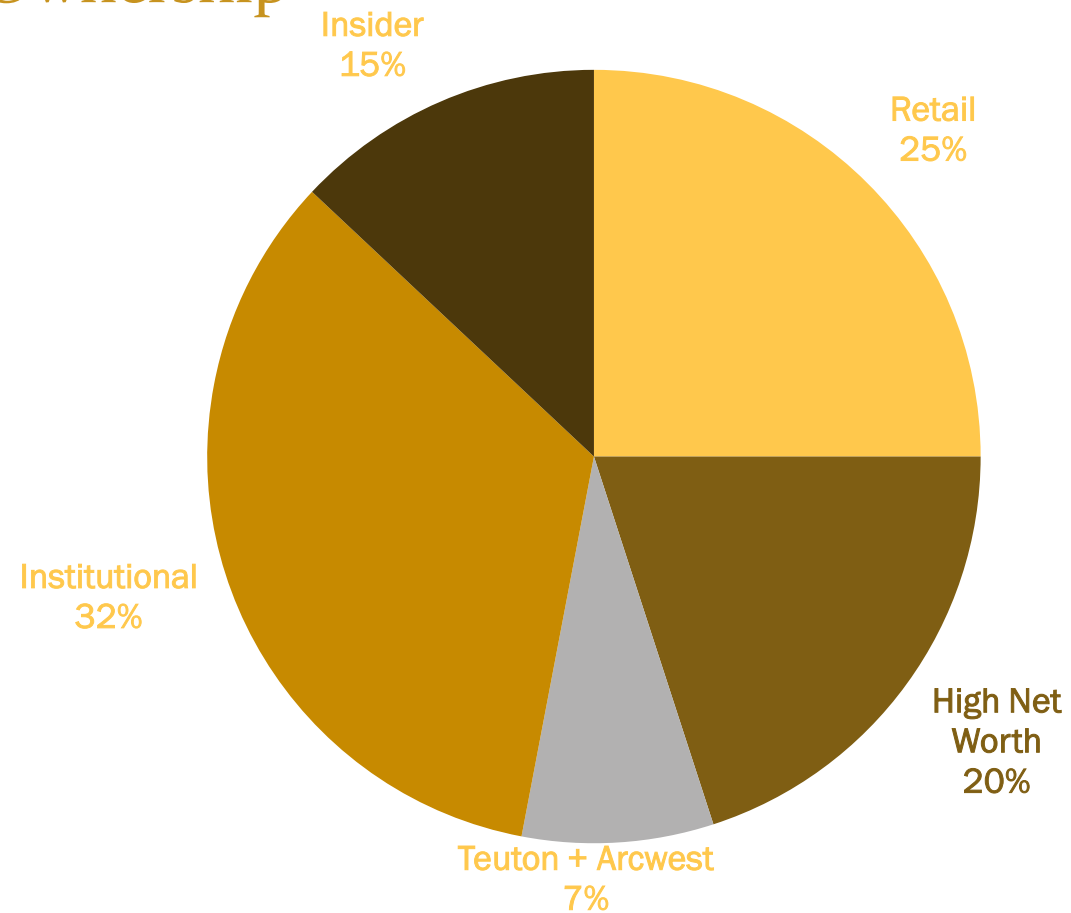
Total Warrants: 19,935,733

<b>Stock Options</b>	
Exercise price \$0.35 09/30/25	2,850,000
Exercise price \$0.20 06/06/27	2,050,000
Exercise price \$0.16 10/27/26	600,000

Total Options: 5,500,000

<b>Fully Diluted</b>	<b>105,366,555</b>
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## Ownership



# Option with ArcWest

Sanatana signed an option agreement with Arcwest, in July 2021 for the 31,077 hectare Oweegee Dome Project “Oweegee”

Sanatana can earn 60% interest in Oweegee by completing (on or before December 31<sup>st</sup> 2024)

- Funding \$6.6M in exploration
- Paying \$500,000 and issuing 2,000,000 shares
- Complete 6,000 m of drilling

To date, Sanatana has:

- Spent approximately \$5.5M
- Paid \$200,000, issued 1.3M common shares
- Drilled 3,679 m

## To Complete the Earn In for 60% Ownership

Spend \$1,100,000

Issue 700,000 shares

Pay \$300,000

Complete 2,321 m of drilling

Upon completion, a Joint Venture will be formed and

Arcwest can contribute 40% of costs or dilute

For further details see Sanatana’s news release dated July 21, 2021 which can be found on the company website or under the company’s SEDAR profile at [www.sedar.ca](http://www.sedar.ca).

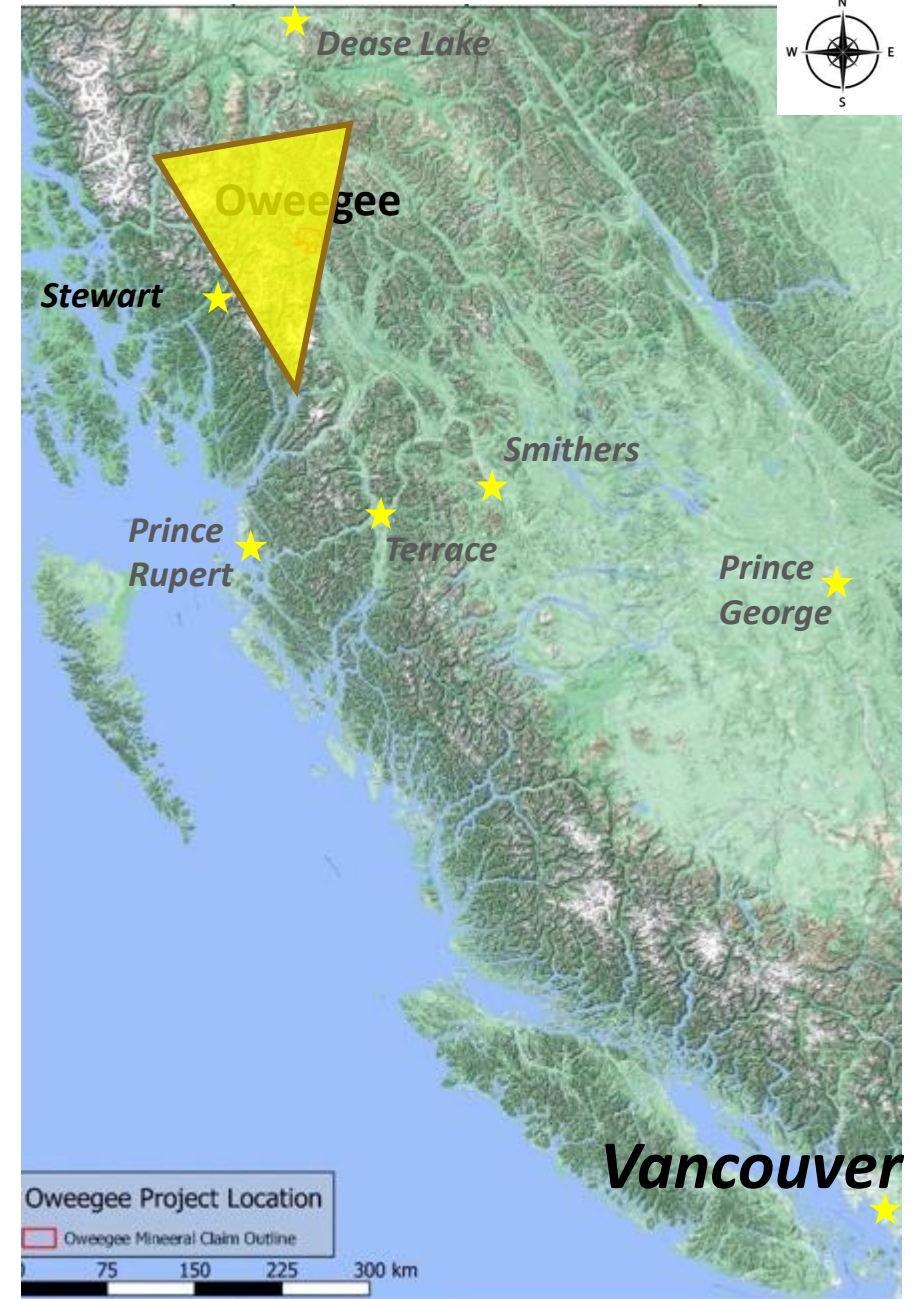
# Oweegee Location & Highlights

31,077 hectares in BC's Golden Triangle

- Premier location as Hwy 37 and the NW transmission line transect the property
- Excellent relationship with Tahltan First Nation and fully permitted for exploration and drilling
- Similar geologic address to globally significant Cu-Au projects
- Sanatana's work shows that Oweegee is a porphyry cluster that was not recognized by previous exploration



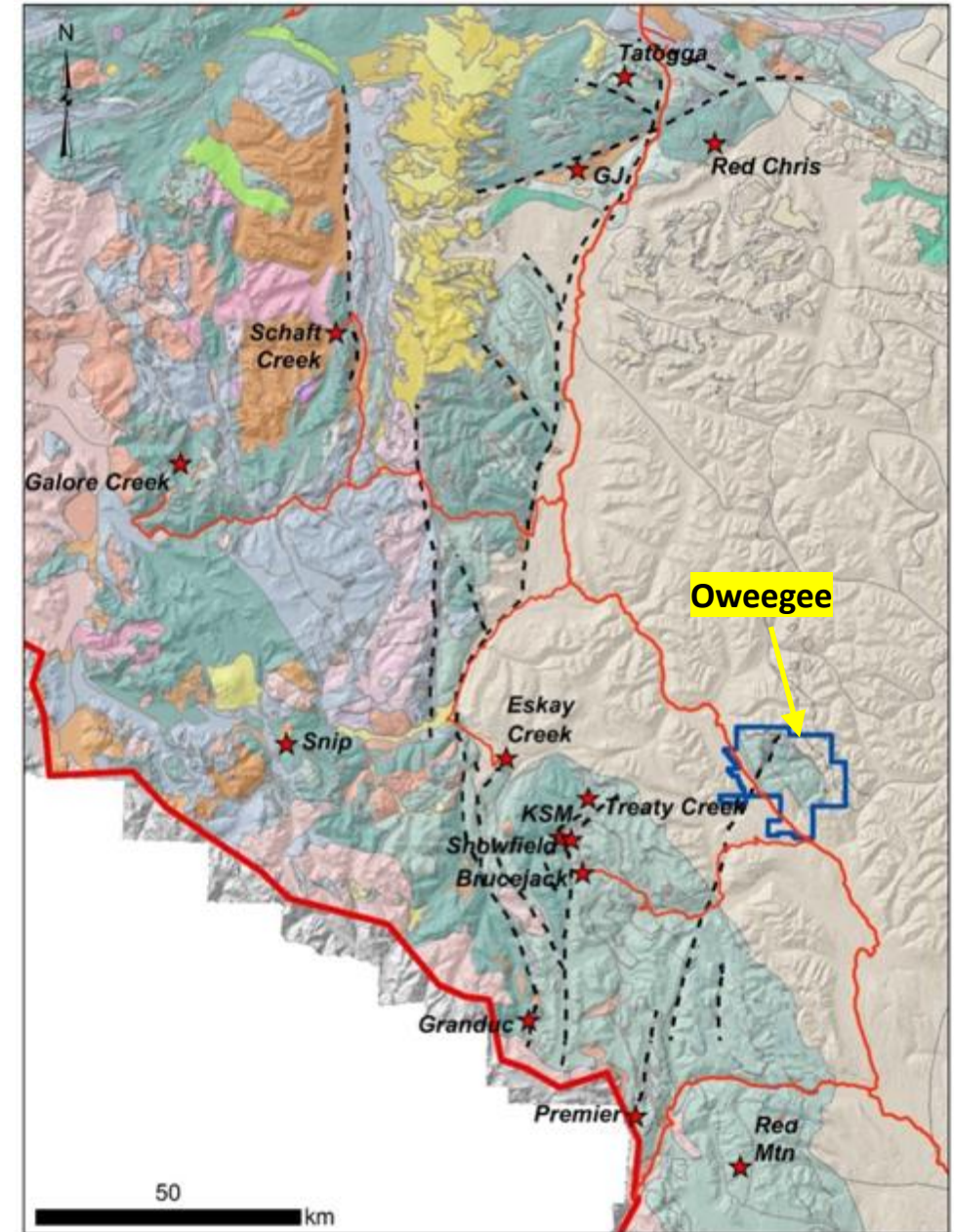
Mineralization hosted on adjacent, nearby or geologically similar properties is not necessarily indicative of future potential of the Oweegee Dome project.





# The Golden Triangle, a Land of Giants

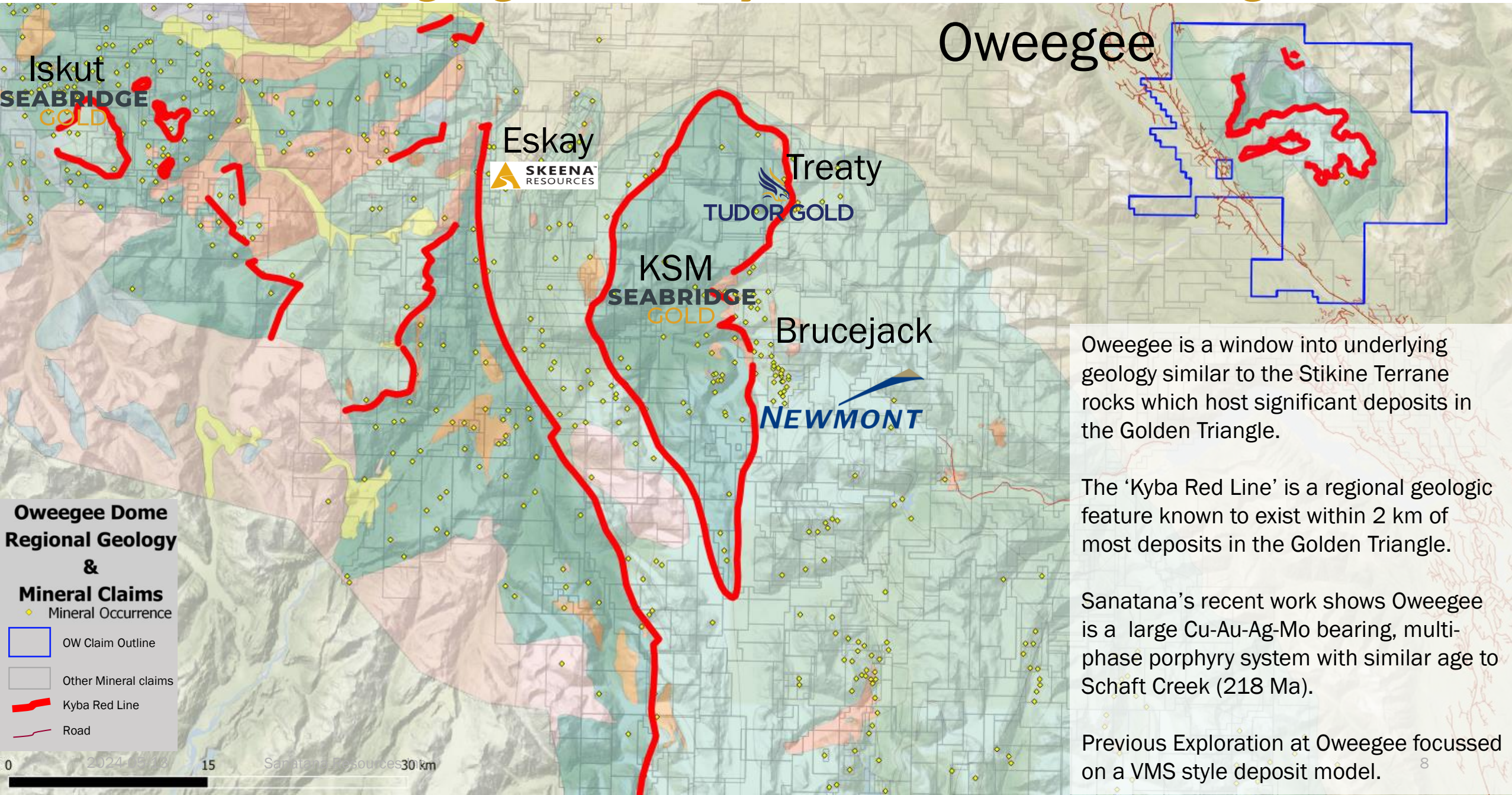
<b>KSM</b> Reserves: 2.292 Bt @ 0.14% Cu + 0.64 g/t Au	<b>SEABRIDGE GOLD</b>
<b>Red Chris</b> M+I Resource: 980 Mt @ 0.38% Cu + 0.41 g/t Au	Imperial Metals <b>NEWMONT</b>
<b>Saddle</b> Ind Resource: 254 Mt @ 0.22% Cu + 0.24 g/t Au	<b>NEWMONT</b>
<b>Galore Creek</b> M+I Resource: 1,196.8 Mt @ 0.46% Cu + 0.5g/t Au	<b>Teck</b> <b>NEWMONT</b>
<b>Brucejack</b> Reserves: 14 Mt @ 8.4 g/t Au + 32 g/t Ag	<b>NEWMONT</b>
<b>Treaty Creek</b> Indicated Resource: 730.2 Mt @ 0.92 g/t Au + 0.18% Cu	<b>TUDOR GOLD</b>
<b>Schaft Creek</b> M+I Resources: 1.345 Bt @ 0.26% Cu + 0.16 g/t Au	<b>Teck</b> <b>Copper FOX METALS</b>



\*See Appendices for reference sources to the most recent technical reports with details on mineral resources and reserves referred to above. The Oweegee project contains similar geological characteristics; however, no mineral resources or reserves have been confirmed at Oweegee.



# An Emerging Discovery in the Golden Triangle



## Oweegee

Oweegee is a window into underlying geology similar to the Stikine Terrane rocks which host significant deposits in the Golden Triangle.

The 'Kyba Red Line' is a regional geologic feature known to exist within 2 km of most deposits in the Golden Triangle.

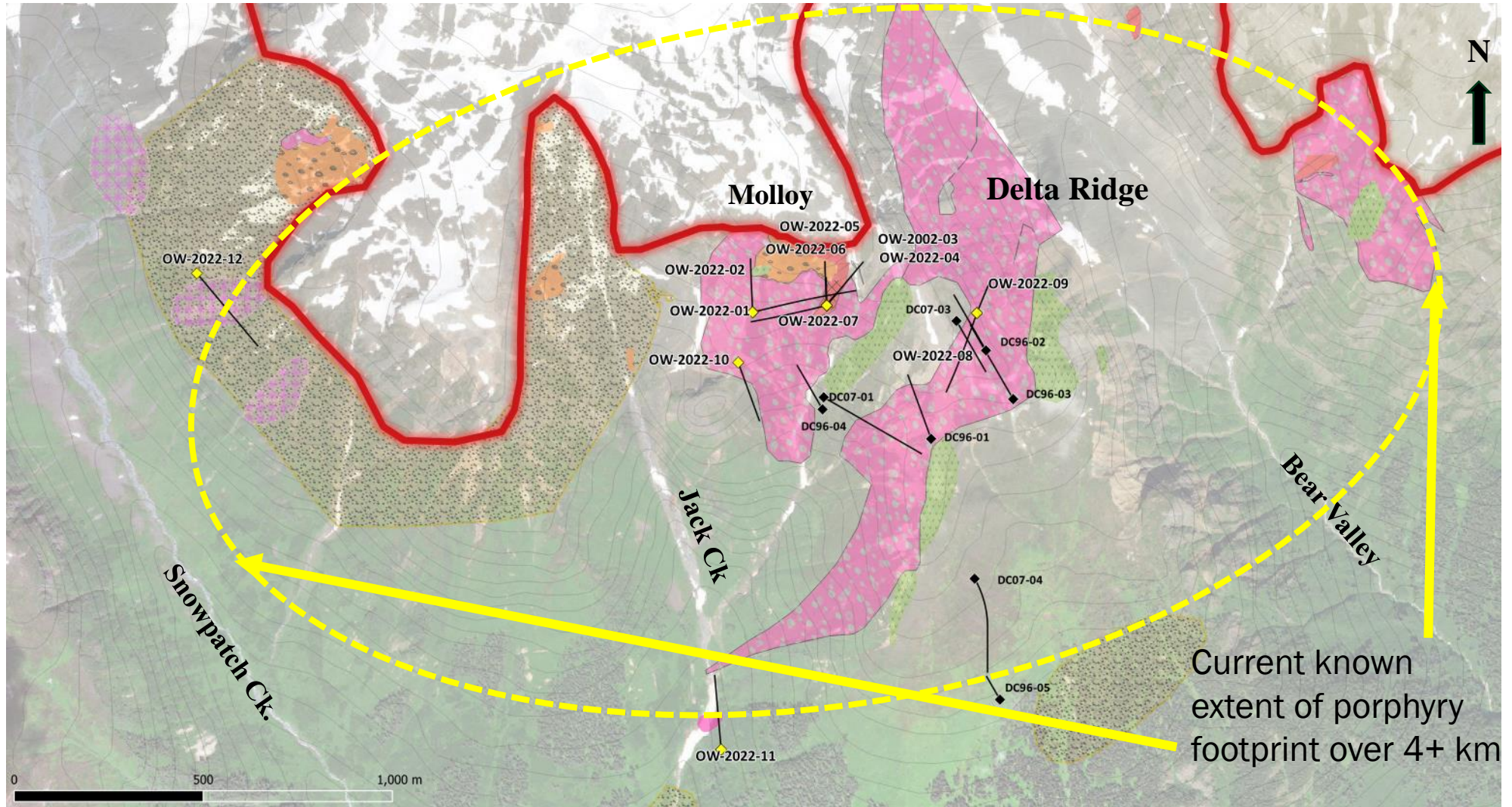
Sanatana's recent work shows Oweegee is a large Cu-Au-Ag-Mo bearing, multi-phase porphyry system with similar age to Schaft Creek (218 Ma).

Previous Exploration at Oweegee focussed on a VMS style deposit model.



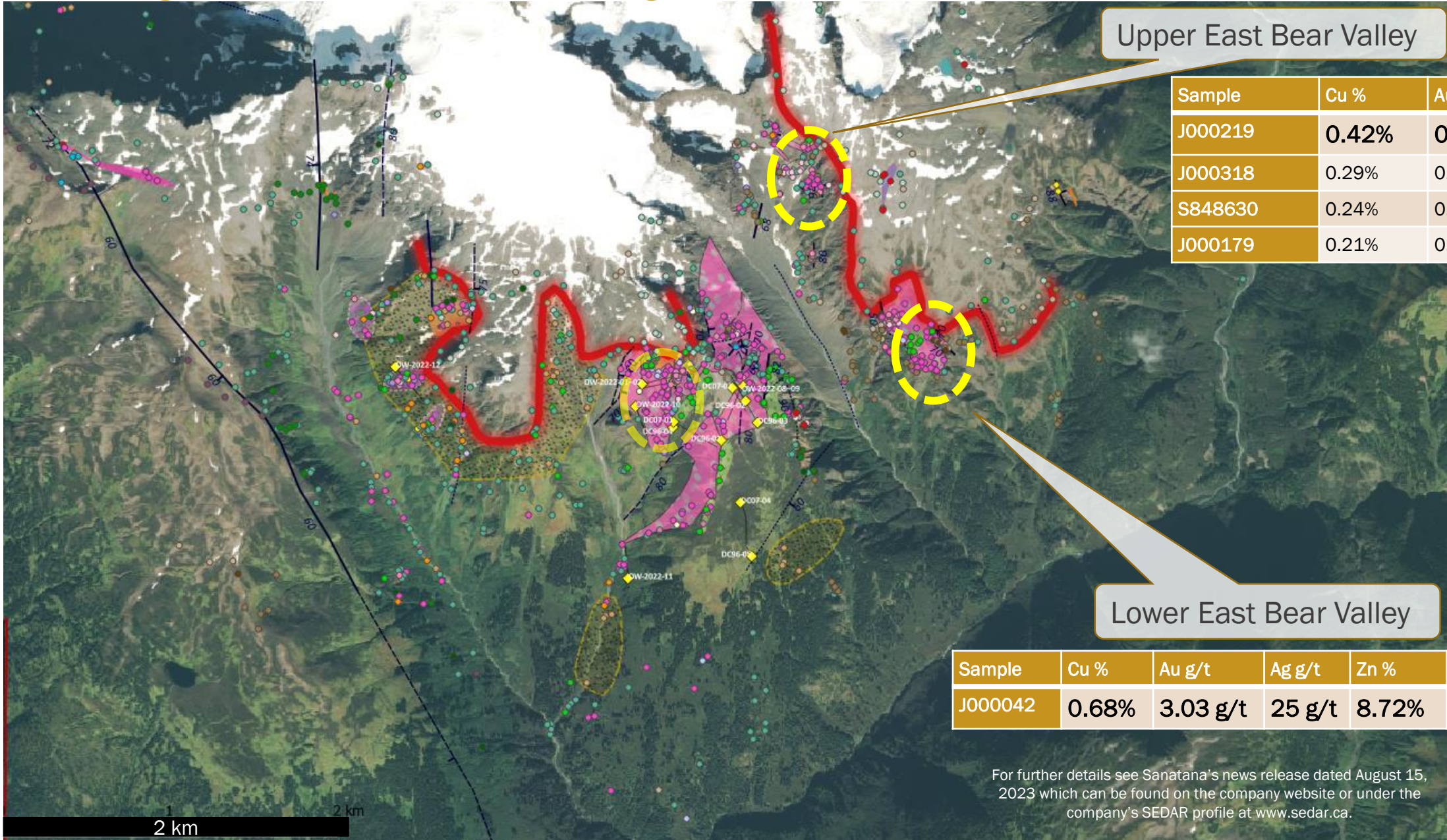
# Oweegee – A large multi-center porphyry system

- Multiple intrusive phases recognized over 4+ km
- Strong Cu-Au-Mo-Ag Geochem
- Under-explored





# Oweegee Cu–Au showings discovered in 2022



Upper East Bear Valley

Sample	Cu %	Au g/t
J000219	0.42%	0.44 g/t
J000318	0.29%	0.55 g/t
S848630	0.24%	0.30 g/t
J000179	0.21%	0.21 g/t

Lower East Bear Valley

Sample	Cu %	Au g/t	Ag g/t	Zn %
J000042	0.68%	3.03 g/t	25 g/t	8.72%

For further details see Sanatana’s news release dated August 15, 2023 which can be found on the company website or under the company’s SEDAR profile at [www.sedar.ca](http://www.sedar.ca).



# Oweegee Cu-Au showings – Discovered 2021 - 2022



Monzonite with malachite stain and stockwork quartz-chalcopyrite veins



J000219: 0.42% Cu, 0.44 g/t Au



A0420169: 0.71% Cu, 1.12 g/t Au, 5.23 g/t Ag  
A0420022: 1.09% Cu, 3.82 g/t Au, 15.2 g/t Ag



# Drilling 2022 – Confirmed high level porphyry Cu-Au mineralization



- 3,679 m completed over 12 holes
- Significant mineralization observed in 8 holes
- Extensive breccia, numerous styles, consistent with the upper zone of a porphyry system
- Clasts with porphyry style veins and potassic alteration indicate underlying porphyry system

For drill hole locations and traces see slides 10 and 15. NQ size diamond drill cored was cut with a diamond saw and half core was processed by MSA labs in Langley BC using a 4 acid total digest, gold by fire assay and multi-elements by ICP MS on 30 gram sample. For further details, see Sanatana's new release dated December 19, 2022 which can be found on the company website or under the company's SEDAR profile at [www.sedar.ca](http://www.sedar.ca).

Drill Hole	From (m)	To (m)	Interval (m)	Au g/t	Ag g/t	Mo ppm	Cu %	%eCu*	Prospect
OW-2022-08	4.5	219	214.5	0.204	1.61	17.9	0.103	0.27	Delta Ridge
Incl.	58.37	170.55	112.18	0.217	1.08	28.3	0.167	0.35	
Incl.	74.5	90.35	15.85	0.33	2.11	22.6	0.343	<b>0.61</b>	
and	141.32	166.0	24.68	0.284	1.28	53.6	0.277	0.52	
Incl.	145.0	157.37	12.37	0.435	1.86	94.3	0.451	<b>0.83</b>	
OW-2022-09	4.0	200	196	0.123	1.51	21.4	0.096	0.21	Delta Ridge
Incl.	10.0	54.75	44.75	0.132	1.38	26.4	0.132	0.25	
and	148.04	167.0	18.96	0.113	1.67	33.1	0.11	0.22	
and	185.3	200.0	4.0	0.144	2.79	38.6	0.053	0.28	



**OW22-08: 89 m; 0.43g/t Au + 0.388%Cu + 19 ppm Mo**



# DDH 22-08 Core Photos

## DDH OW22-08:

74.5 m - 90.35 m

15.85 m @ 0.61% copper equivalent

0.343 % Cu + 0.33 g/t Au + 2.11 g/t Ag + 22.6 ppm Mo

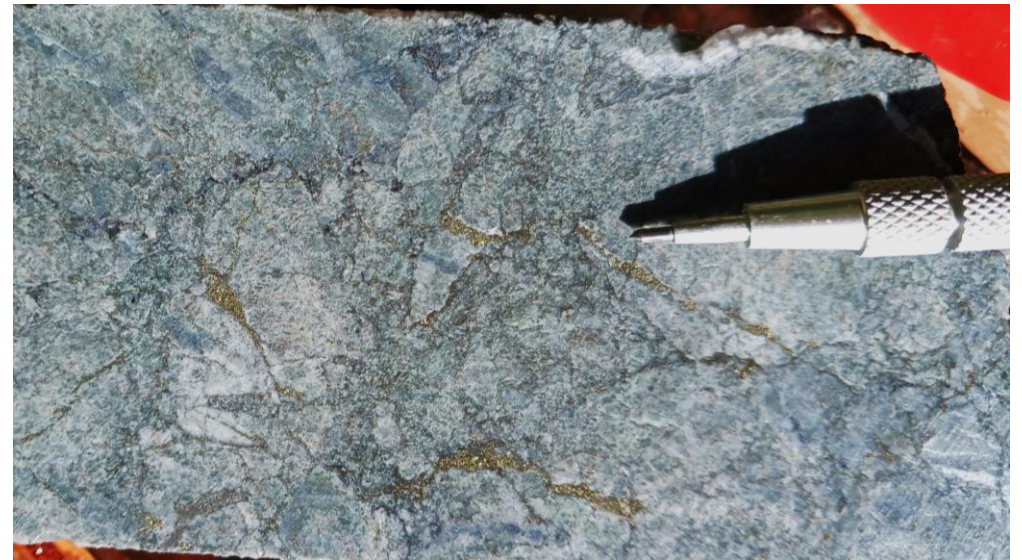


## DDH OW22-08:

145 m -157.47 m

12.37 m @ 0.83% copper equivalent

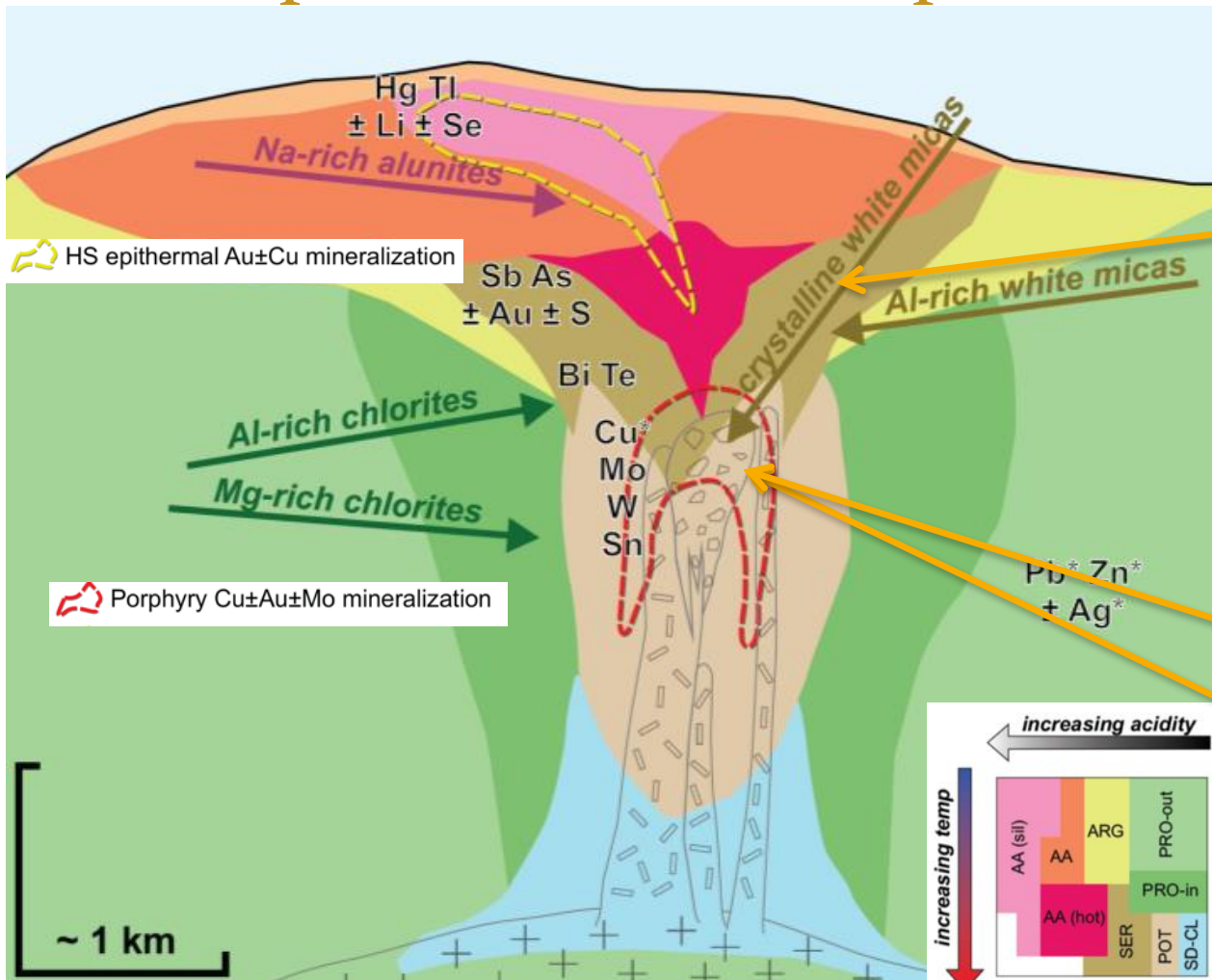
0.451% Cu + 0.435 g/t Au + 1.86 g/t Ag + 94.3 ppm Mo



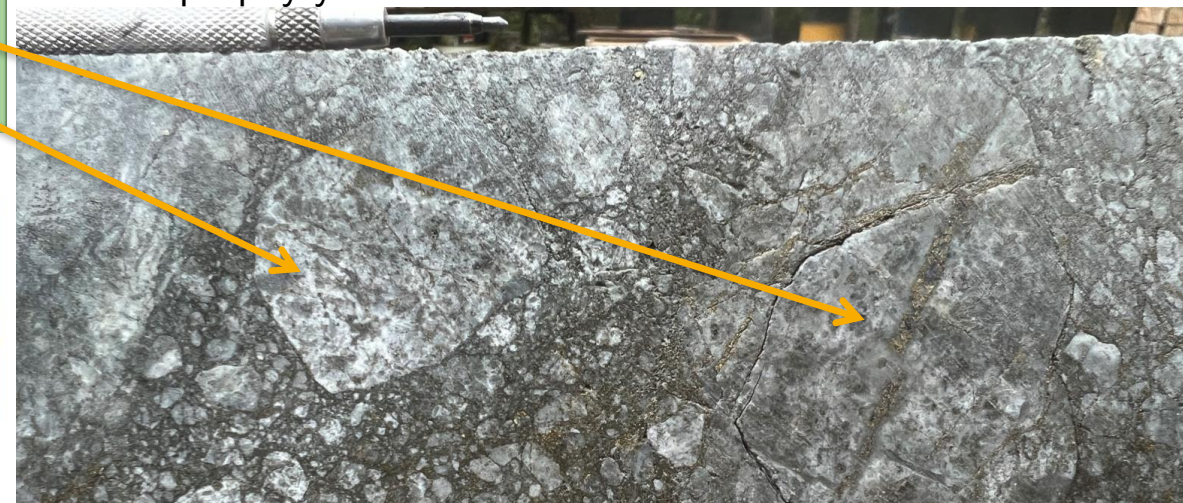
For further details, see Sanatana's new release dated December 19, 2022 which can be found on the company website or under the company's SEDAR profile at [www.sedar.ca](http://www.sedar.ca).



# Oweegee Porphyry Model and Interpreted Level of Exposure



- Cu-Au bearing, mono and polymict breccias and strong, pervasive sericite-pyrite-clay replacement indicate a high-level porphyry environment.

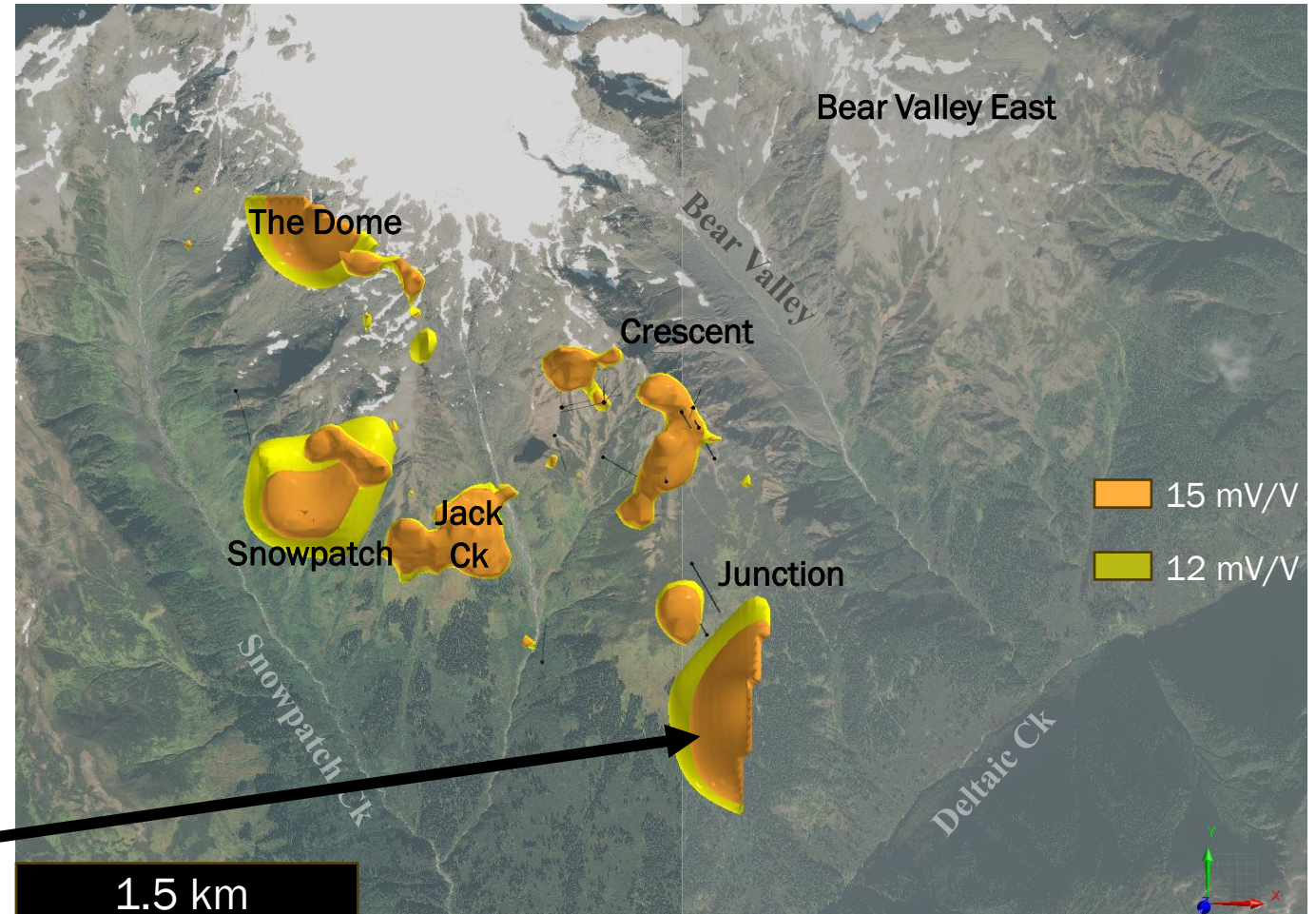


Ideal calc-alkalic porphyry Cu +/- Au +/- Mo and high sulfidation epithermal Au +/- Cu alteration. Modified after Sykora 2021.



# 2022 Exploration Summary

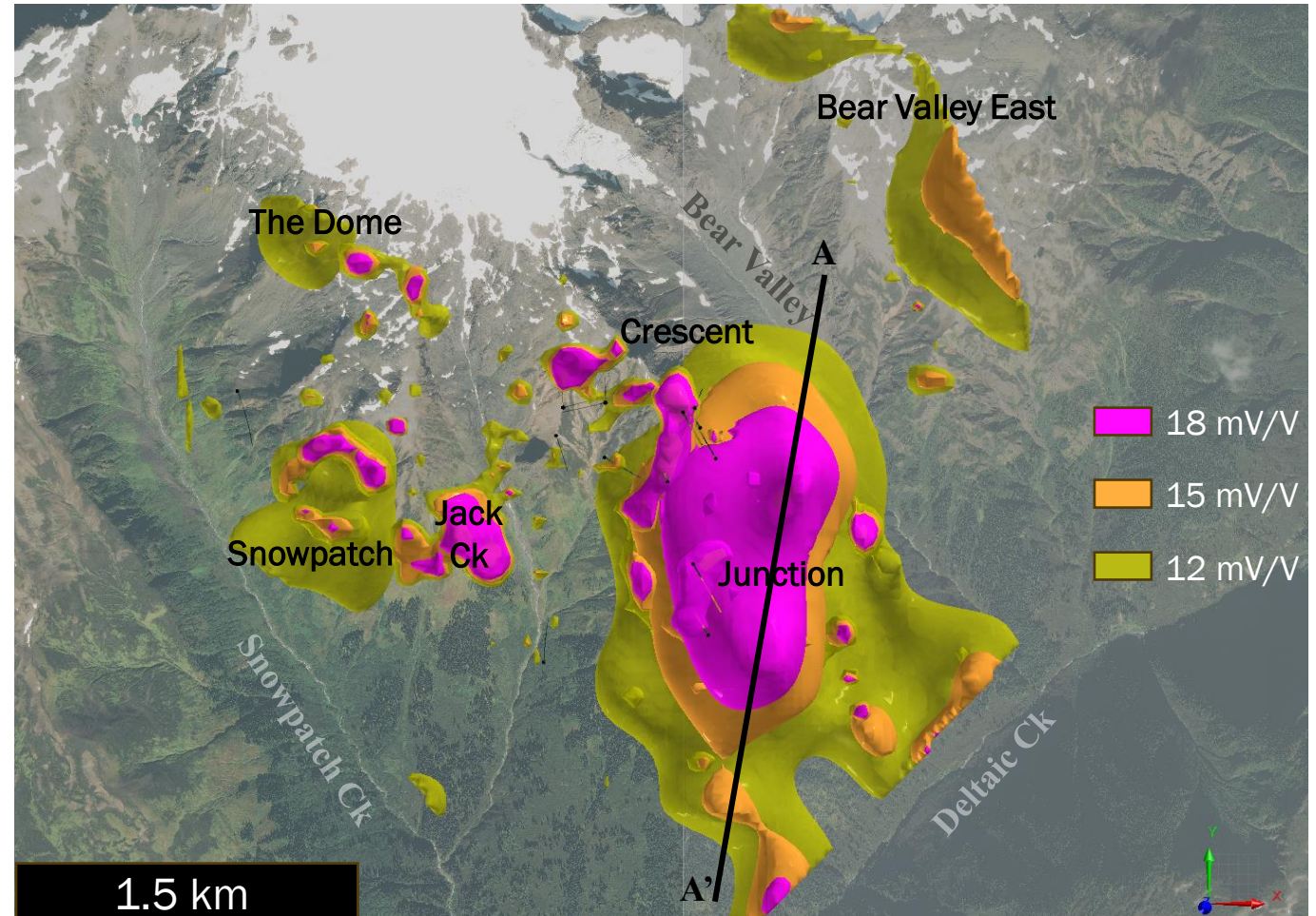
- Proven Oweegee is a porphyry Cu-Au-Ag-Mo System
- System carries economic grades
- Mineralized intercepts are coincident with IP anomalies
- Porphyry footprint is >4.5 km across and unconstrained
- Alteration (phyllic) assemblage indicates upper levels of porphyry
- Breccias pipes with mineralized clasts indicate 'potassic' assemblage at depth
- 2022 IP gave first hint of a large, blind, IP anomaly named Junction





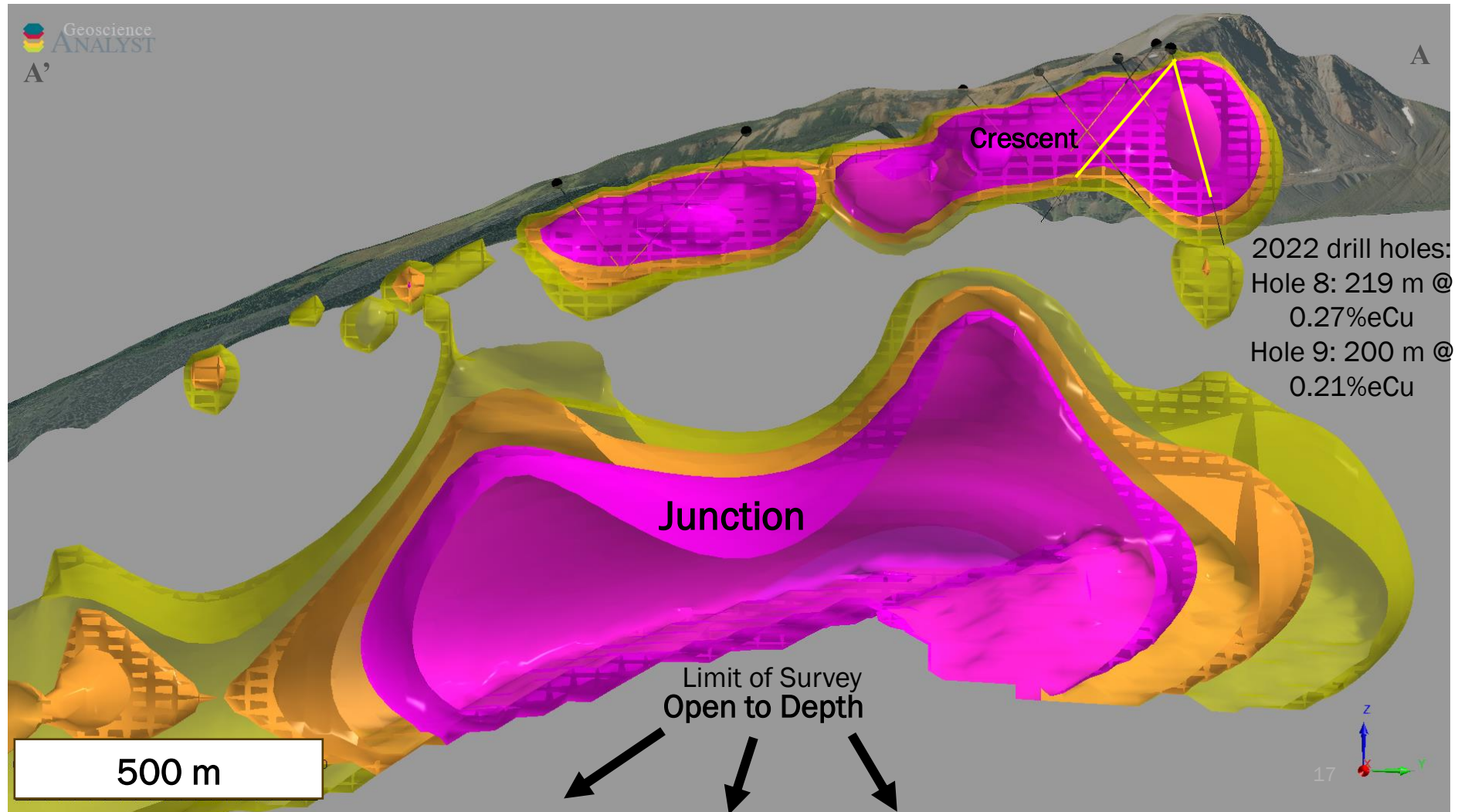
# 2023 Dias 3D IP Survey Discovered Junction Anomaly

- 2023: Completed 8.6 line km over three lines which discovered the 1x2 km Junction anomaly
- First hints of another large anomaly named Bear Valley East
- 2021-2023 Dias 3D IP now covers 35.1 line km across 11 lines and 12 km<sup>2</sup>
- Numerous anomalies to the east and west suggest multiple porphyry centers and provides additional evidence of a large porphyry system at Oweegee





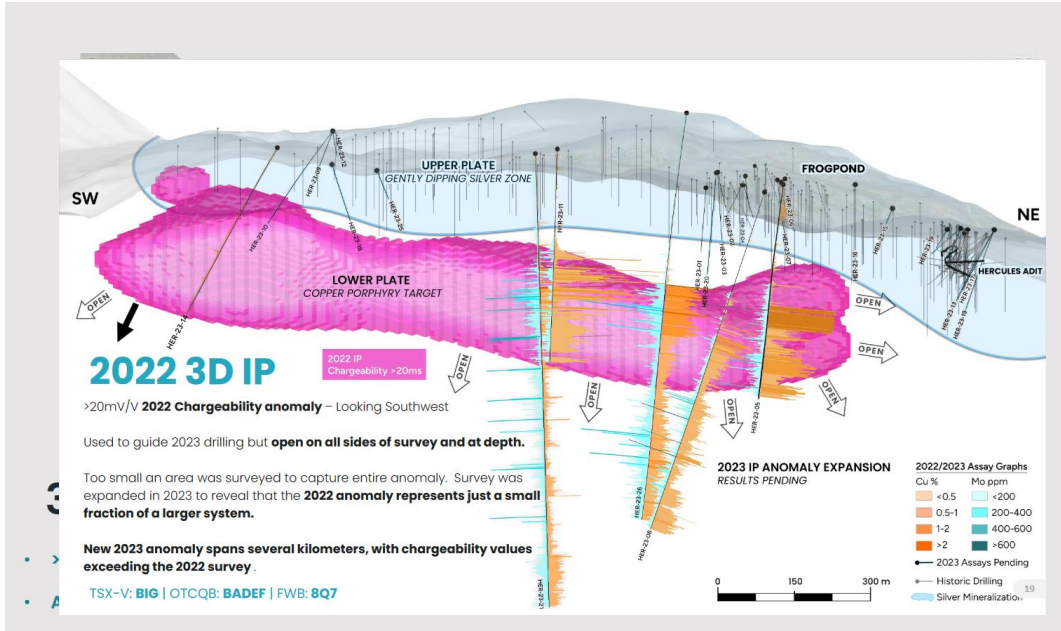
# Junction chargeability anomaly Identified October 2023





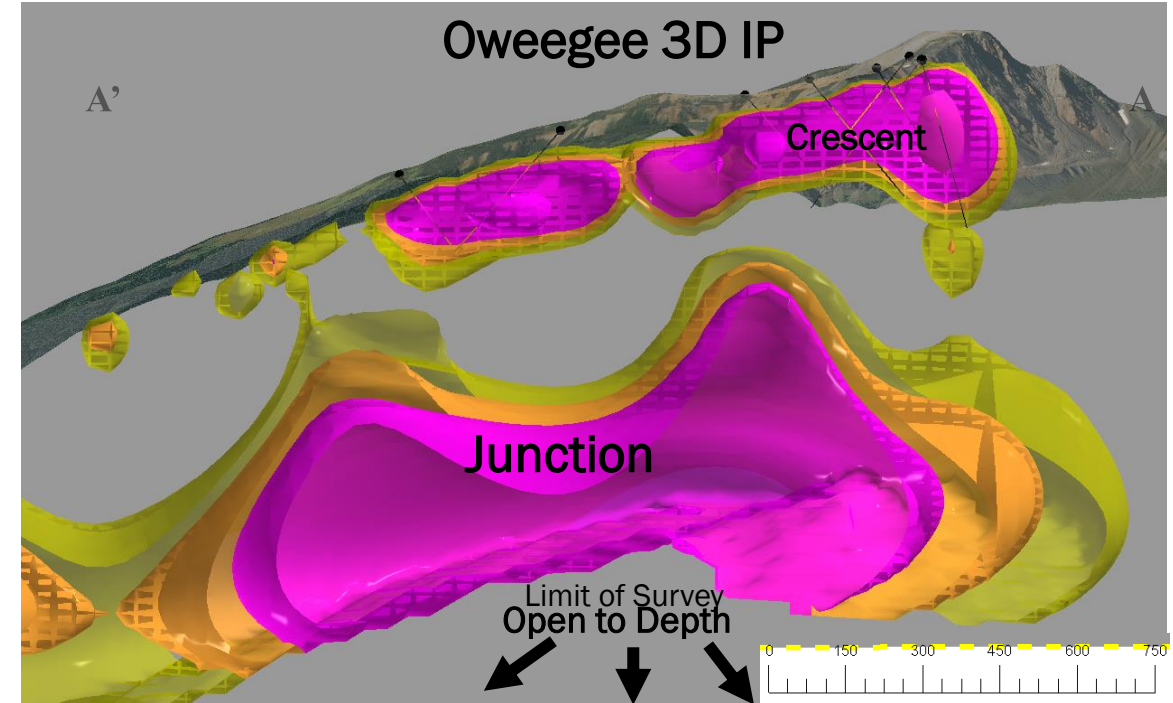
# Oweegee's Junction & Hercules Silver's 3D IP Anomalies

## Hercules Silver 3D IP



Scale is =

## Oweegee 3D IP



### Similarities:

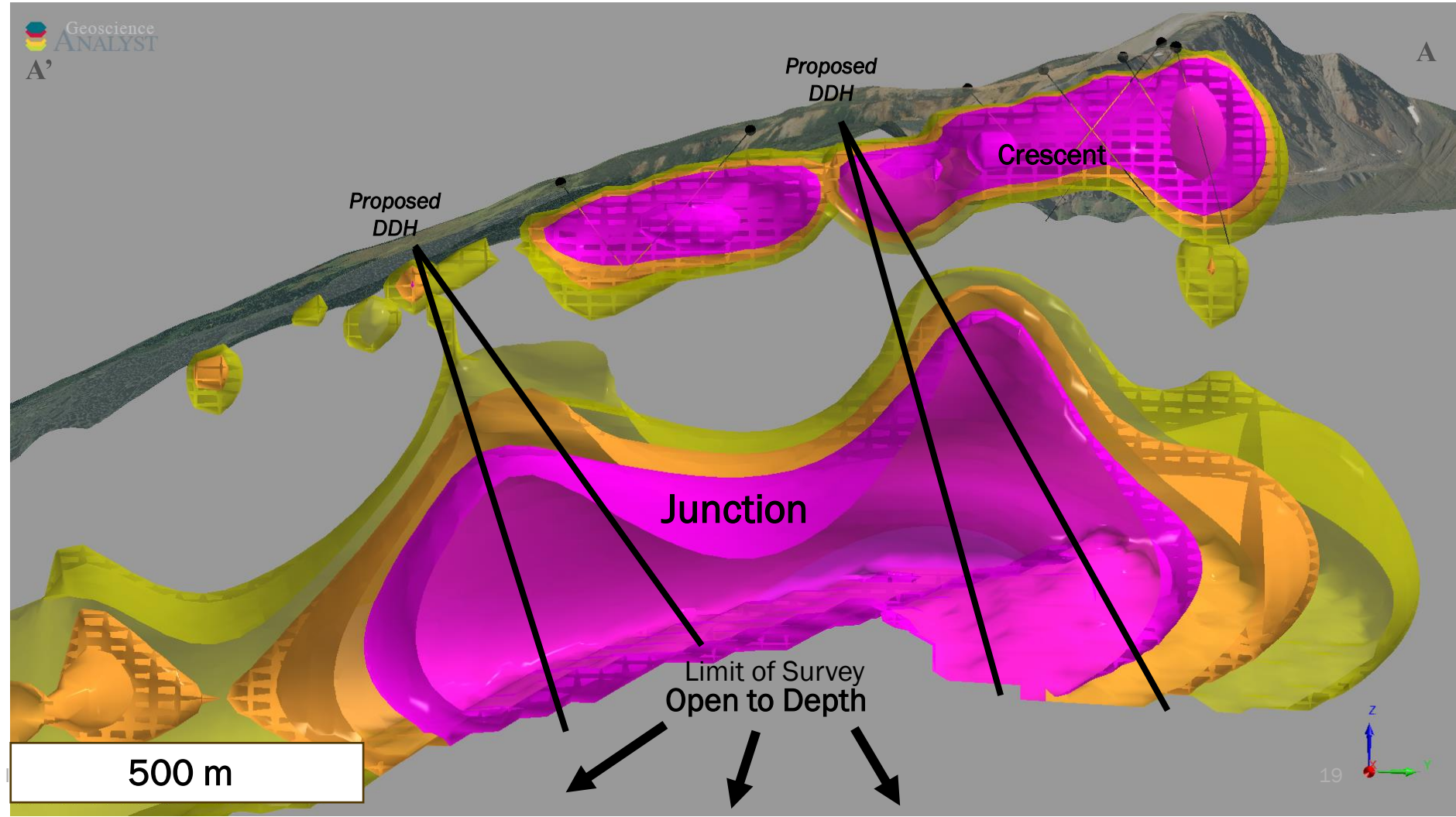
- Contractor and survey method: Dias 3D IP Survey
- Intensity and size of buried chargeability anomaly: >18mV/V over km+ scale
- Geology: Late Triassic aged Island Arc setting

Even though these targets have similarities, it is not certain that the Junction anomaly will produce similar results to Hercules when drill tested.



# 2024 Planned Exploration Program – \$2.0 M

- Drill test Junction with minimum of 3000 m
- Expand 3D IP to east and west
- Follow up geochemical sampling of areas of interest





# Summary

Sanatana offers world class Cu-Au discovery potential

- ✓ Fully Permitted for the 2024 work program
- ✓ Excellent First Nations Relations
- ✓ Close to highway and powerline with an excellent geologic address
- ✓ DIAS Geophysical 1 x 2 km blind untested IP chargeability target; the highest priority drill target in the GT
- 3,000 m of drilling expected to start July 2024

See Appendices for proposed drillholes to test.





TSXV: STA

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# Appendices

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# Mineral Resource References

## **KSM**

Reserves: 2.292 Bt @ 0.14% Cu + 0.64 g/t Au

KSM (KERR-SULPHURETS-MITCHELL) Prefeasibility Study and Preliminary Economic Assessment, NI 43-101 Technical Report; August 8, 2022

## **Red Chris**

M+I Resource: 980 Mt @ 0.38% Cu + 0.41 g/t Au

Red Chris Operations British Columbia, Canada NI 43-101 Technical Report; June 30, 2021

## **Saddle**

Indicated Resource: 254 Mt @ 0.22% Cu + 0.24 g/t Au

GT Gold Corporation Ltd. – Saddle North Copper Gold Project Technical Report NI 43-101; August 20, 2020

## **Galore Creek**

M+I Resource: 1,196.8 Mt @ 0.46% Cu + 0.5g/t Au;

Teck, Mineral Resource Statement, 2022

## **Brucejack**

Reserves: 11.5 Mt @ 8.44 g/t Au + 32 g/t Ag;

Newmont Annual Report, Reserves and Resources, 2023

## **Treaty Creek**

Indicated Resource: 730.2 Mt @ 0.18% Cu + 0.92 g/t Au;

NI 43-101 Technical Report Update Treaty Creek Project British Columbia; April 5, 2024

## **Schaft Creek**

M+I Resources: 1.346 Bt @ 0.26% Cu + 0.16 g/t Au;

Mineral Resource Estimate Update for the Schaft Creek Property, British Columbia, Canada; January 15, 2021



# 2024 Proposed Drillholes to test Junction IP Chargeability Anomaly

