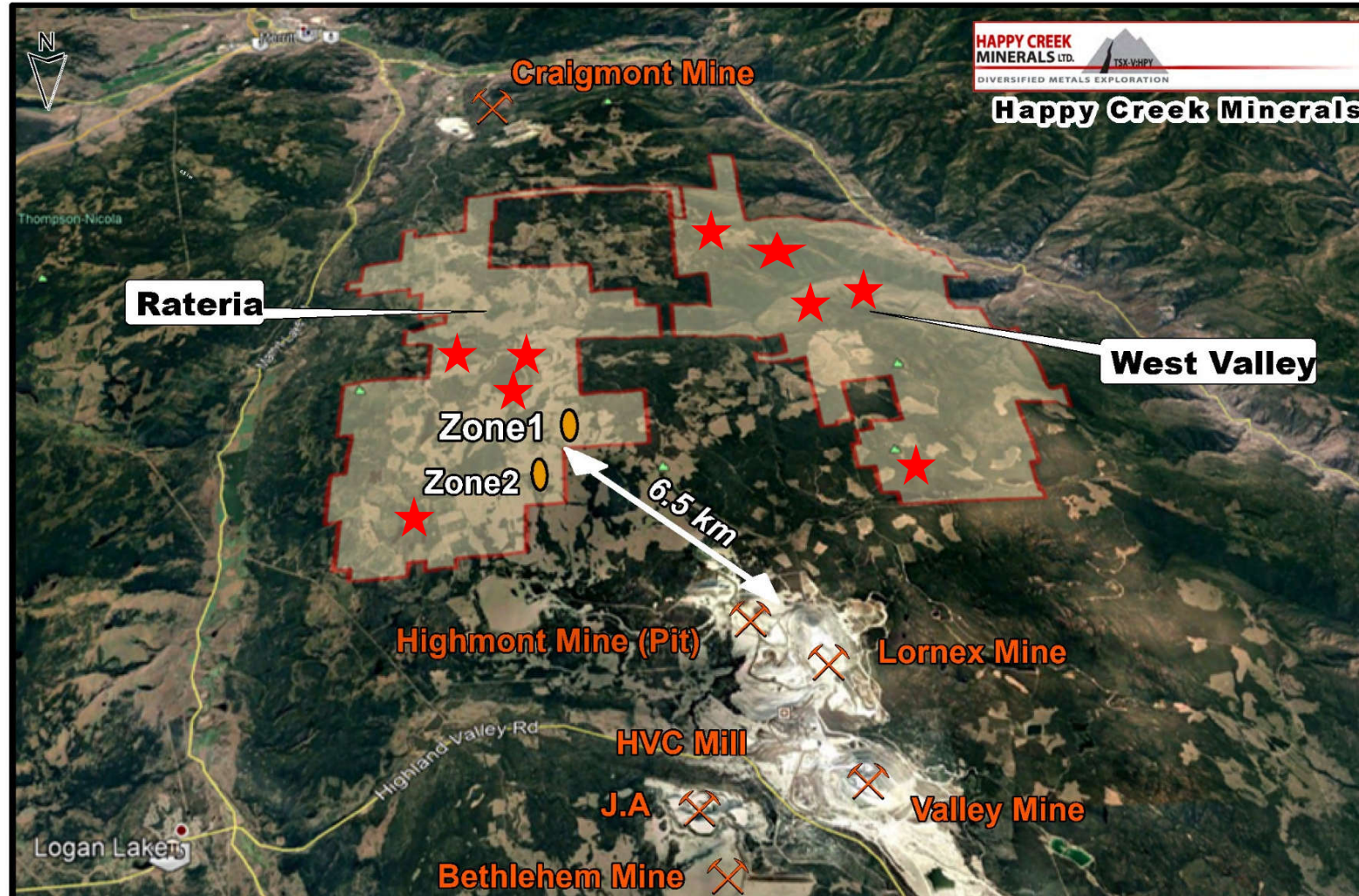


The Rateria and West Valley Property

Exploring for copper in the Highland Valley copper district B.C., Canada



Facing South

CAUTIONARY STATEMENT

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This presentation may contain statements and projections such as plans, forecasts, prices, resources, profits, value, scale, and others that are forward looking and subject to risks and uncertainties more fully described in the Company's Prospectus, Financial Statements and Public Filings located on SEDAR. \$ are U.S. currency unless otherwise noted. "Diversified Metals Exploration" and the Company's logo and images are trademarks and copyright of Happy Creek Minerals Ltd. All Rights Reserved. David E. Blann, P.Eng., Director, is a Qualified Person under NI-43-101 has approved the technical content of this presentation.

Under NI43-101 (2001), the reader is cautioned that results or information from an adjacent property does not infer or indicate similar results or information will or does occur on the subject property. Historical information from the subject or adjacent property cannot not be relied upon as the Company's QP, a term which was created and defined under NI-43-101 has not prepared nor verified the historical information.

David Blann, P.Eng, President, CEO, Director

Mr. Blann has engaged in precious and base metal exploration, development and production stage projects for 30 years with a background in mining engineering technology and geological engineering. He has experience as Director and VP Exploration for several Jr. public companies and is the founder of the Company in 2005.

Walter Segsworth, Director, Executive Chair

Walter Segsworth has over 40 years of experience in mining in Canada and overseas and has served as a senior officer of several mining companies including Westmin Resources, where he was President and CEO, and Homestake Mining Company, where he was President and COO. Mr. Segsworth is currently lead independent director of Pan American Silver and a director of Sabina Gold & Silver Corporation. Mr. Segsworth is past Chairman of both the Mining Associations of British Columbia (BC) and Canada and was named B.C.'s Mining Person of the year in 1996.

Richard Lee, CMA, Chief Financial Officer

Mr. Lee has spent the past 30 years in public corporate accounting practice with and for publicly listed TSX companies, and has a wealth of financial, accounting and business experience. Mr. Lee has been involved with numerous startup companies in Canada and those registered with the SEC in the United States.

Rodger Gray, Director

Mr. Gray has over 20 years of experience as a stockbroker and officer of an IDA member firm. Mr. Gray was most recently engaged with Wellington-Altus Securities in Toronto, and prior to, the President and Chief Executive Officer of Toll Cross Securities Inc., a Toronto-based, full-service broker dealer specializing in the junior resource sector. Mr. Gray has previously acted as a Director and Vice-President investment banking, institutional equities, with First Associates Investments Inc. and prior thereto as President of St. James Securities Inc. Mr. Gray is a graduate of Laurentian University.

Michael Cathro, P. Geo., Director

Mr. Cathro's career includes exploration with major and junior resource companies and 17 years with the B.C. Ministry of Energy and Mines in technical and management roles. Mr. Cathro has served as VP Exploration or Director of several Jr. resource companies.

Sassan Liaghat, PhD, Project Manager/ Senior Geologist

With a background in technical research with MDRU at UBC, Mr. Liaghat has experience as an exploration geologist with several companies including NovaGold Resources and the HDI Group. Mr. Liaghat performs project field management roles and manages the Company's geological database and GIS systems.

Company Policies

The Company strives to take due care with all its activities, respecting the environment, people and communities within our project areas. Policies that reflect our actions to be a responsible operator may be found under Corporate/ Policies on our website.

1970 Highland Valley Mineral Claims

Discovery time of the current mines

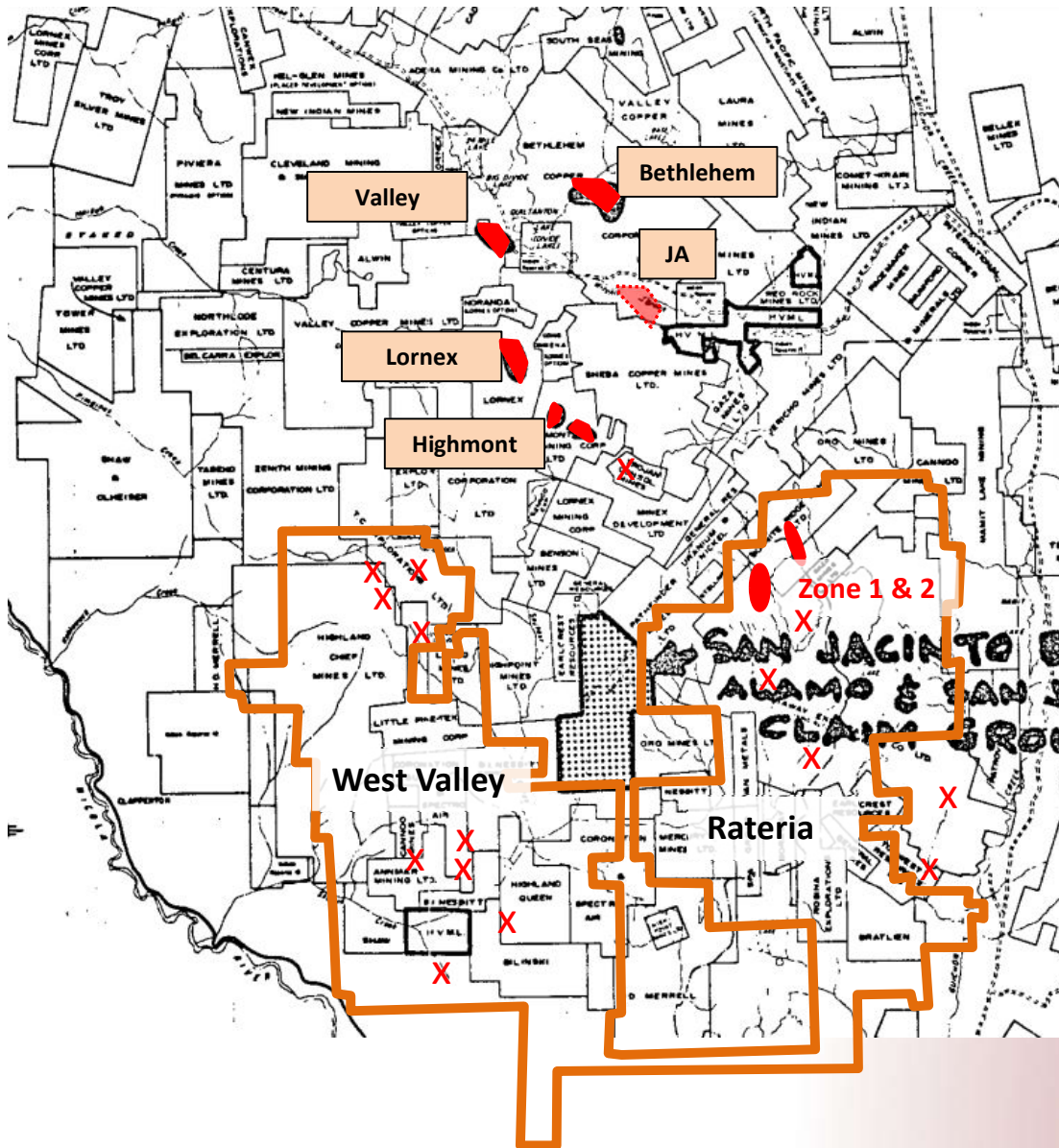
Historical exploration was affected by:

- Multiple claim owners
- Fragmented claim shapes
- Generally small claim size
- Extensive glacial till cover (few outcrops)
- Densely tree-covered (no GPS location)
- More limited/difficult road access
- Percussion holes very shallow- many did not get through glacial till.
- Soil geochemistry poor in thick glacial till
- Older induced polarization geophysics
 - low-power, less sensitive instruments
 - Poor penetration in thick glacial till
 - Low pyrite system produces weak anomalies

Just 1.0% sulphide (0.5% chalcopyrite+ 0.5% bornite) = 0.49% Cu

In 2001, the copper price dropped to around \$0.60/lb and many claims were dropped- several claims re-staked by prospectors.

2004-2005, Happy Creek (private) begins acquiring property- now 244 sq km.



World class discoveries do happen in previously explored areas.

They can be larger and higher grade than expected.

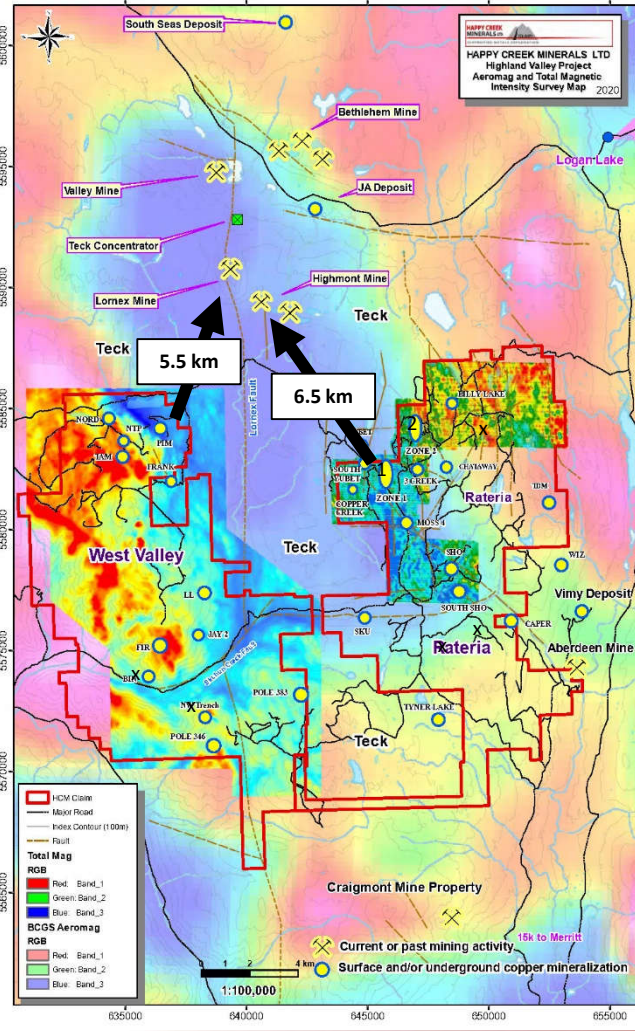
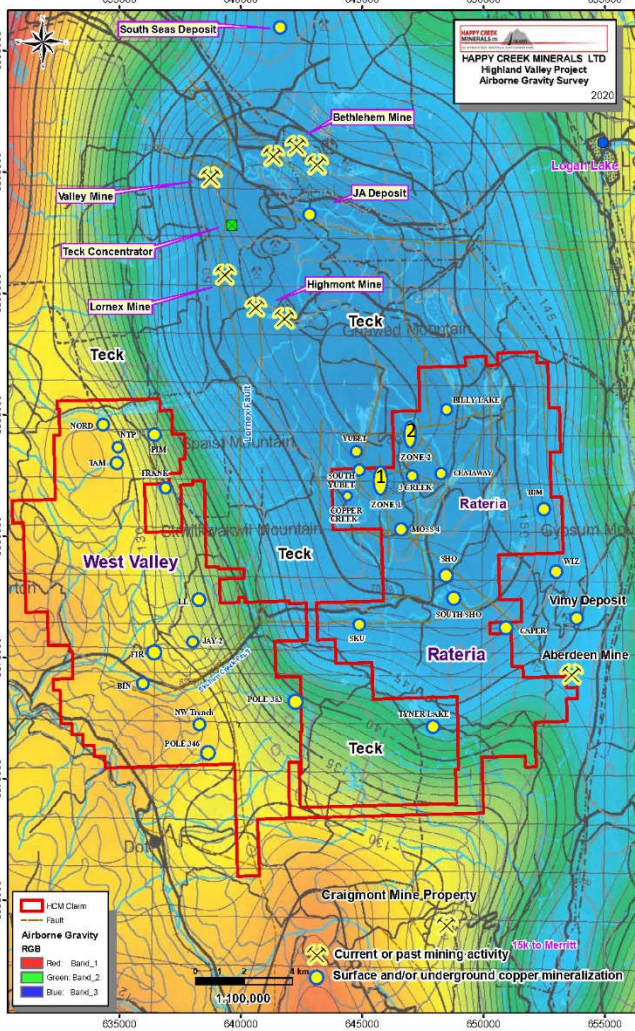
But this area is covered by sometimes 30+ metres of glacial till that limited historical exploration effectiveness.

Apply modern geological knowledge and advanced technology

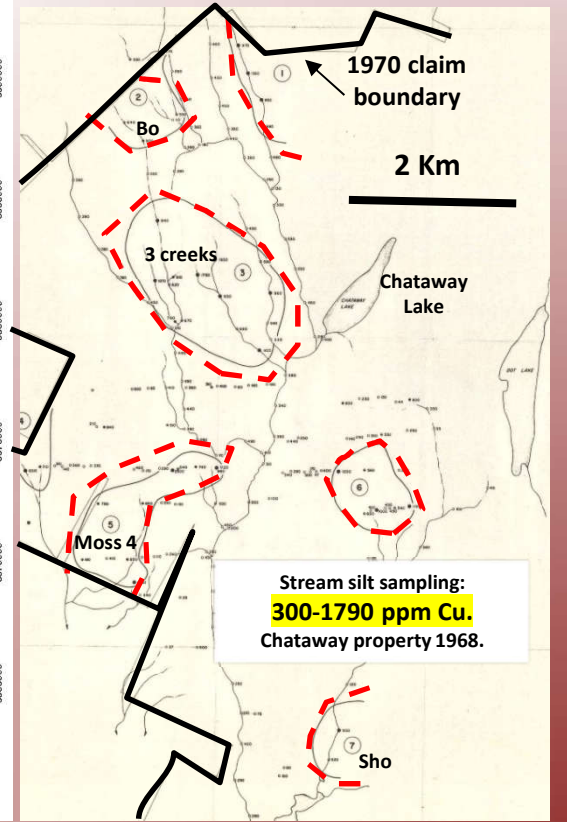
Gravity

Magnetics

Geochemistry



Historical soil sampling not effective due to thick glacial till.
But stream silt samples give stronger response while erratic claim boundaries affected previous work.



HIGHLAND VALLEY GEOLOGY

The Guichon Batholith has generated several billion tonnes of reserves and resources within 5 porphyry copper deposits.

Hosts rocks for the major deposits are mainly Bethsaida, Skeena and Bethlehem phases which also occur on Happy Creek's property.

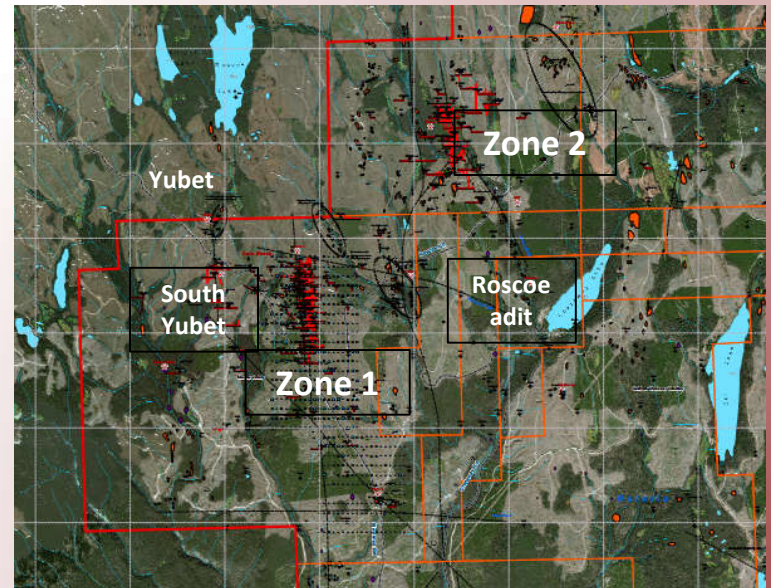
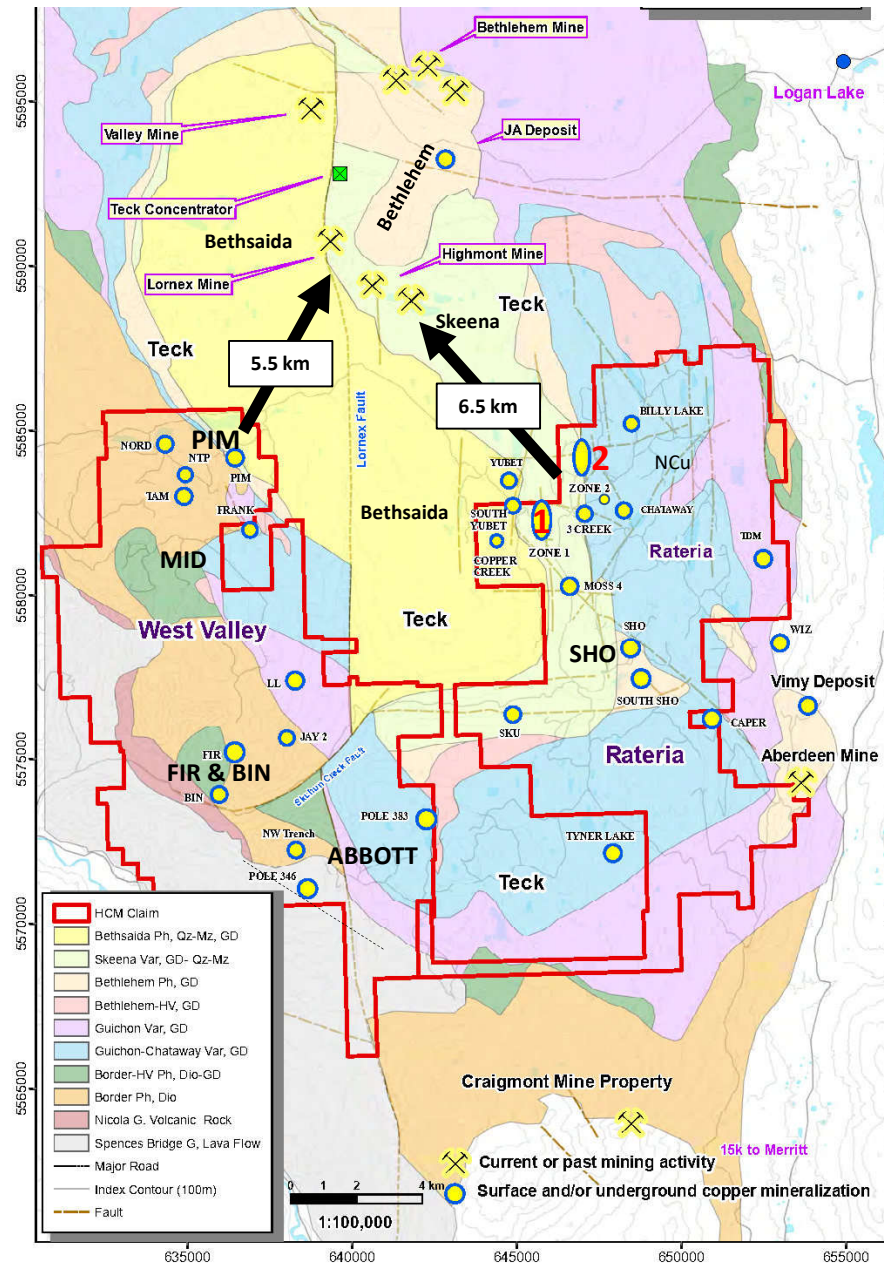
The former Craigmont copper mine to the south is a skarn.

Batholith-hosted calc-alkaline porphyry systems are relatively deeply formed and can produce among the largest deposits having variable styles related in part to depth of formation.

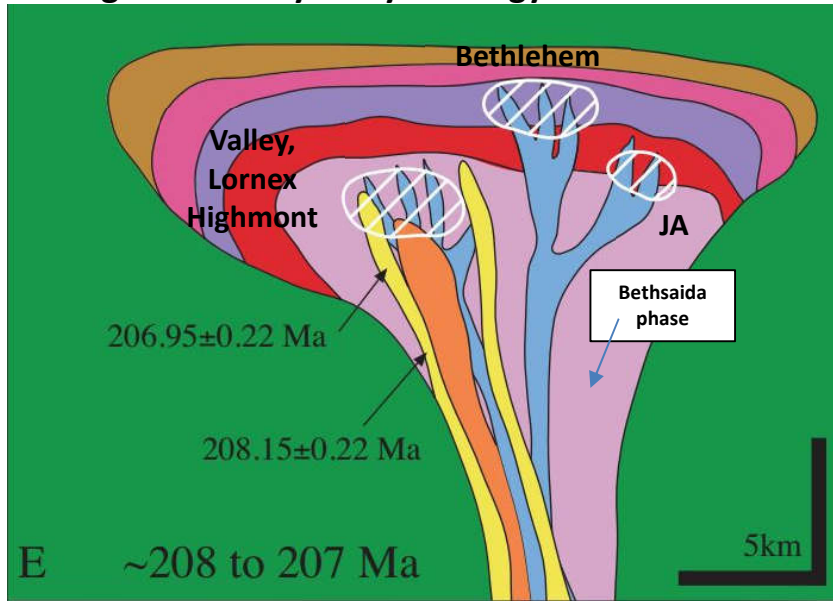
Happy Creek has 25 known copper prospects.
Two significant new copper zone discoveries.

Zone 1 is in Skeena phase. Zone 2 in Chataway-Bethlehem phase.

PIM is in Bethsaida-Skeena and Sho is in Chataway-Bethlehem phase.



Highland Valley – Key lithology features



HIGHLAND VALLEY EXPLORATION

Highland Valley recent research (2017-2020)

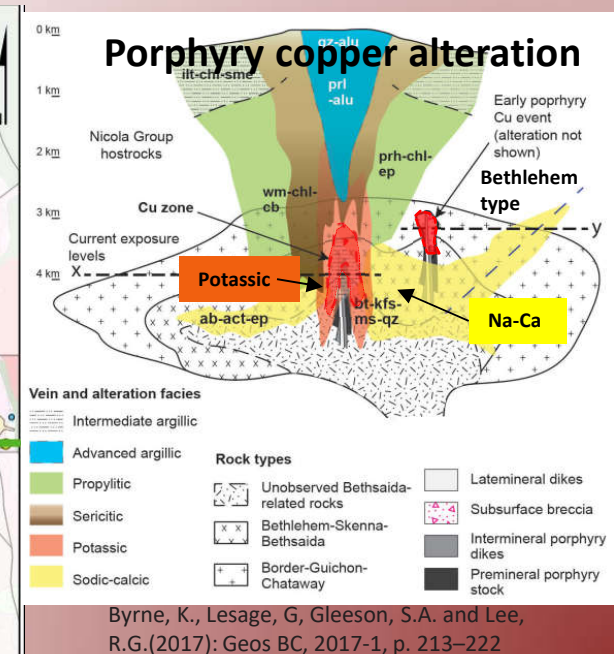
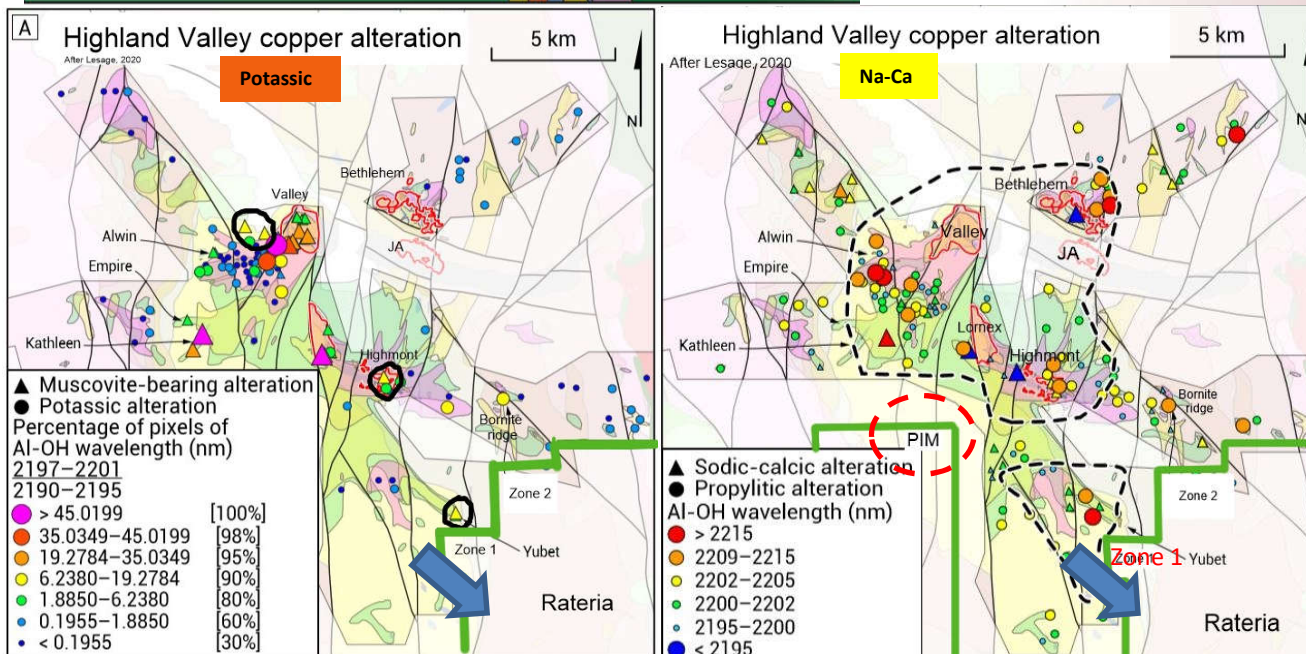
**Advanced technology and science
vectors toward copper centers.**

→ Advantage over previous exploration

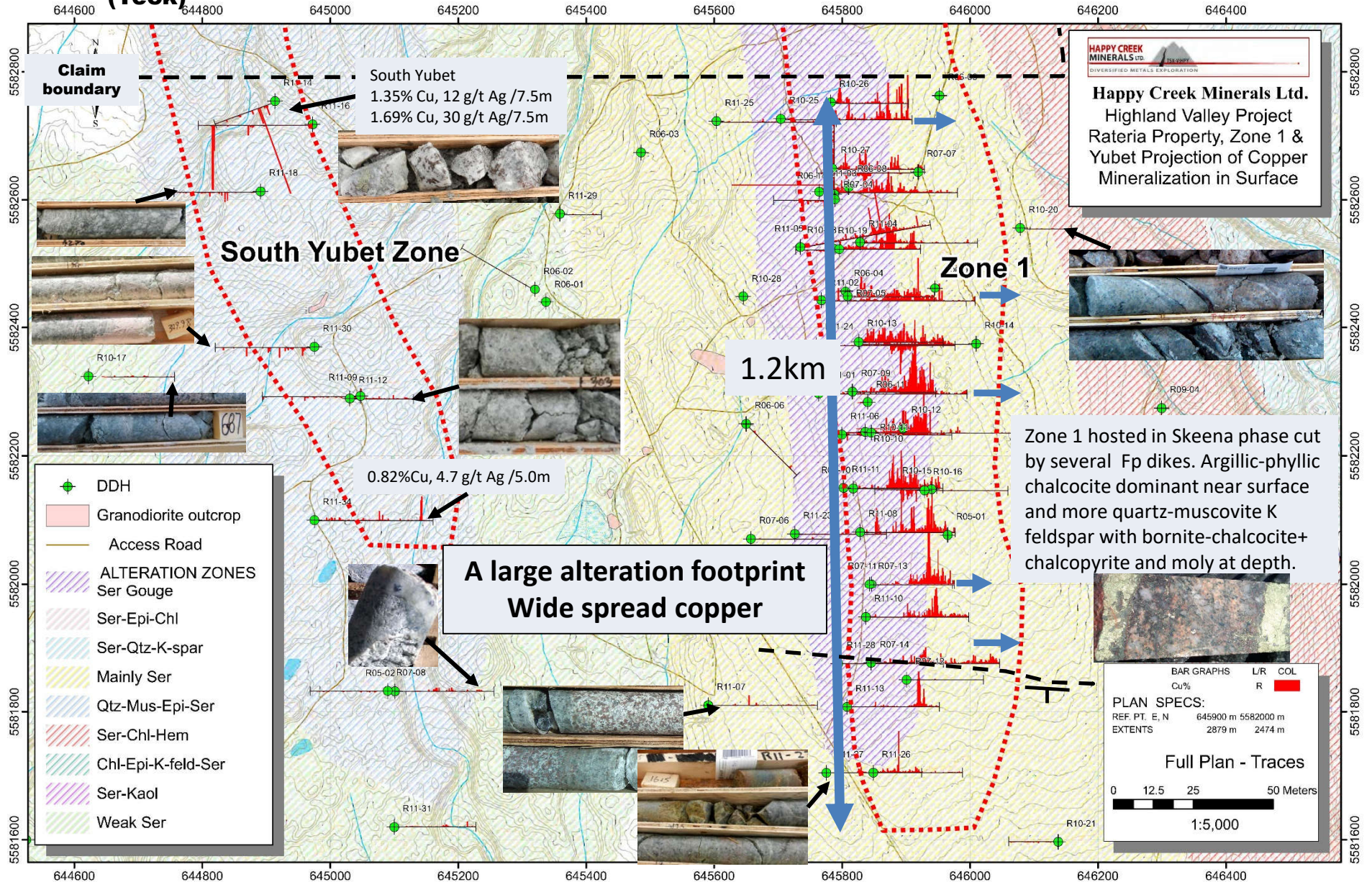
White mica is connected to the potassic (copper centre) and nearby Na-Ca alteration:

We are using this to guide exploration towards the biggest- best part of the copper centre.

Could other big copper system occur in the district?



Yubet prospect (Teck)



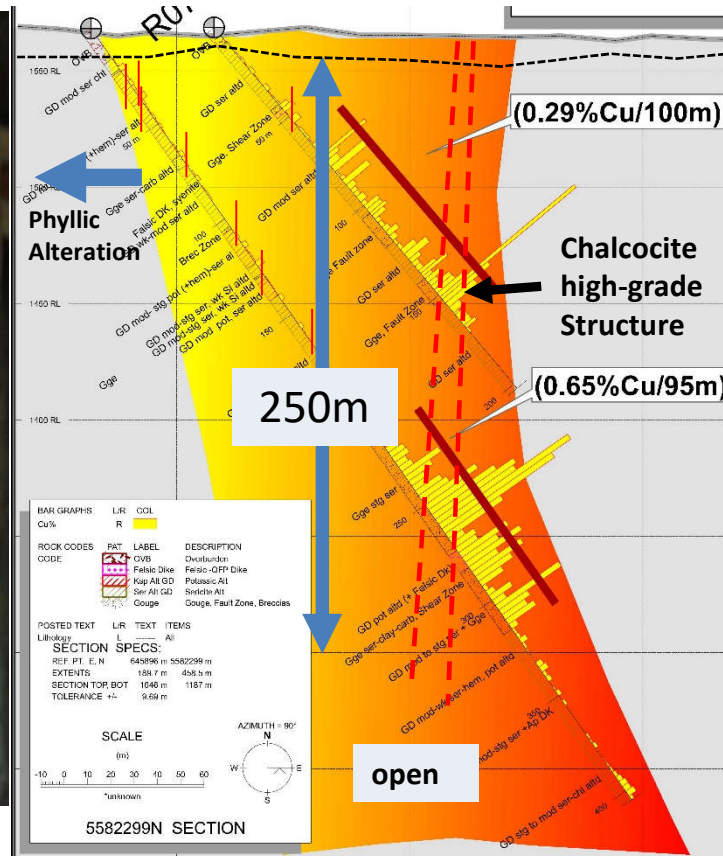
**Low pyrite, high-grade chalcocite-bornite minerals.
Metallurgical testing: High recovery and a high-grade clean concentrate- superior qualities**



Bornite with quartz-sericite-muscovite



**Chalcocite
Qtz-phen-ser-kaol**



Some DDH Highlights			
Hole	Interval (metres)	Cu %	Ag g/t
R07-9	100.0	0.29	1.0
R07-13	189.3	0.22	1.3
R10-12	236.2	0.27	1.0
R10-13	145.3	0.25	1.3
R10-18	250.6	0.18	1.3
R10-25	77.5	0.31	3.3
R11-1	95.0	0.65	3.6
R11-2	157.5	0.19	1.1
R11-3	257.8	0.15	1.3
R11-6	100.0	0.35	2.2
R11-8	250.0	0.25	1.6
R11-11	242.5	0.25	1.6
includes	102.5	0.43	2.9

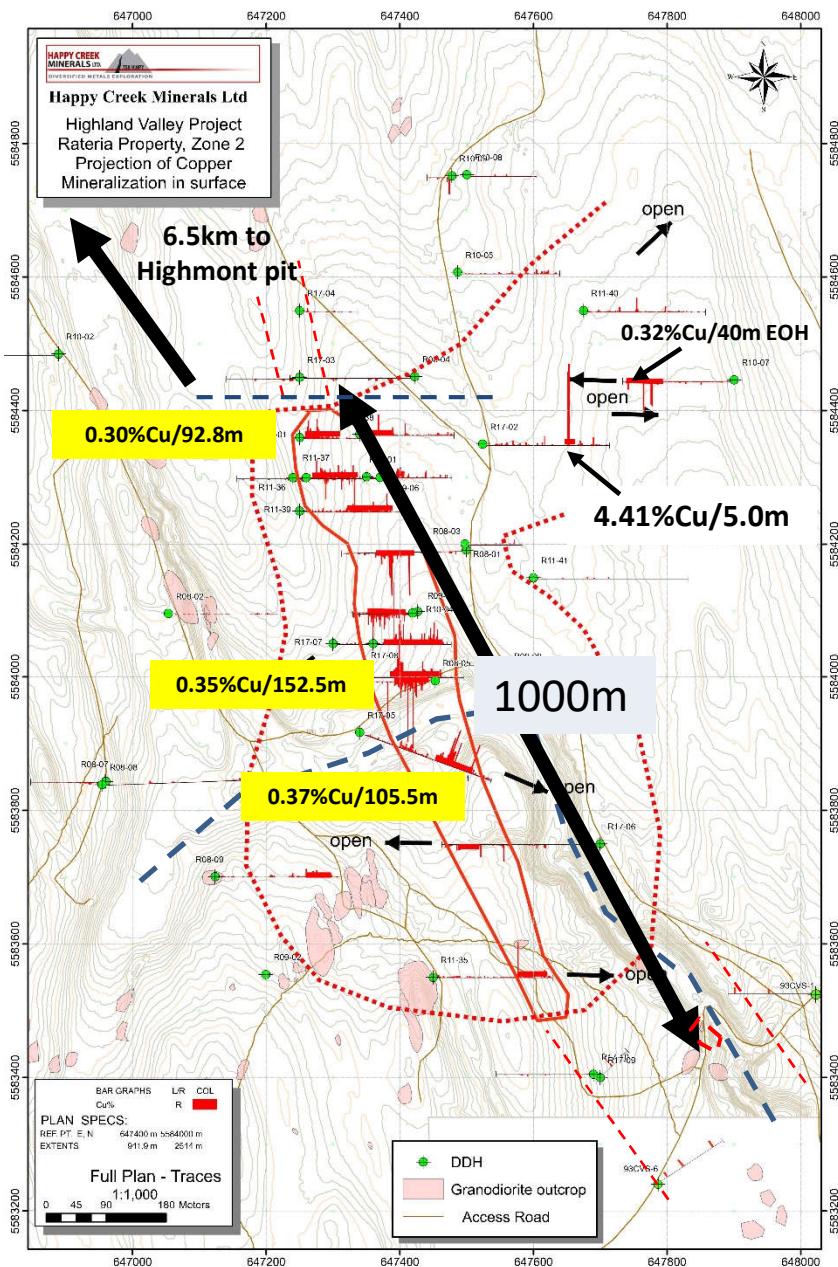
**Zone 1 drill-defined for 1.2km X 50-150m wide X 350m depth.
Potential for the potassic (centre) copper zone nearby.
1 km X 1 km alteration zone- potential for large scale.**

Mineralized zone at Valley deposit extends for over 1km vertical depth.

ZONE 2 DISCOVERY

Copper-gold-moly-rhenium

Selected intervals shown to illustrate mineralization styles. DDH Table next slide.



Sericite altered Bethlehem phase. Felsphic dike cut and offset by quartz-bornite veinlet.



R17-02 Massive chalcocite: Portion of 5.0m 4.41% Cu, 20.0 g/t Ag, 0.21 g/t Au, 0.031% Mo, 6.86 g/t Re



R17-05 chalcocite-bornite qtz-ser-clay
 Portion of 2.5m 0.89% Cu, 0.38 g/t Au, 0.003% Mo, 0.54 g/t Re



Bornite in quartz green mica, sericite-muscovite veinlet and selective replacement of chlorite altered mafics.



R11-36 K-spar-qtz-sericite bornite veins. Portion of 2.5m sample with 1.11% Cu, 0.46 g/t Au, 0.031% Mo, 0.80 g/t Re

ZONE 2 DDH Highlights						
Zone 2 Hole	Interval (m)	Cu %	Ag g/t	Mo %	Au g/t	Re g/t
R08-01	113.0	0.33	1.48	0.002	0.05	N/A
R08-05	126.0	0.46	1.71	0.008	0.10	N/A
R09-06	92.4	0.12	1.23	0.011		0.76
includes	20.2	0.18	0.80	0.048	0.04	3.45
R09-07	48.0	0.30	1.60	0.002	0.07	0.26
R12-01	92.81	0.30	1.50	0.005	0.15	0.02
includes	12.5	0.63	3.2	0.001	0.66	0.01
R12-02	152.5	0.35	1.70	0.004	0.06	0.57
includes	32.5	0.91	4.0	0.011	0.12	1.83
R17-02	5.0	4.41	20.0	0.031	0.21	6.86
R17-05	105.5	0.37	1.90	0.005	0.14	0.63
R17-08	82.5	0.29	1.25	0.003	0.06	0.17
and	66.0	0.35	1.64	0.002	0.02	0.23

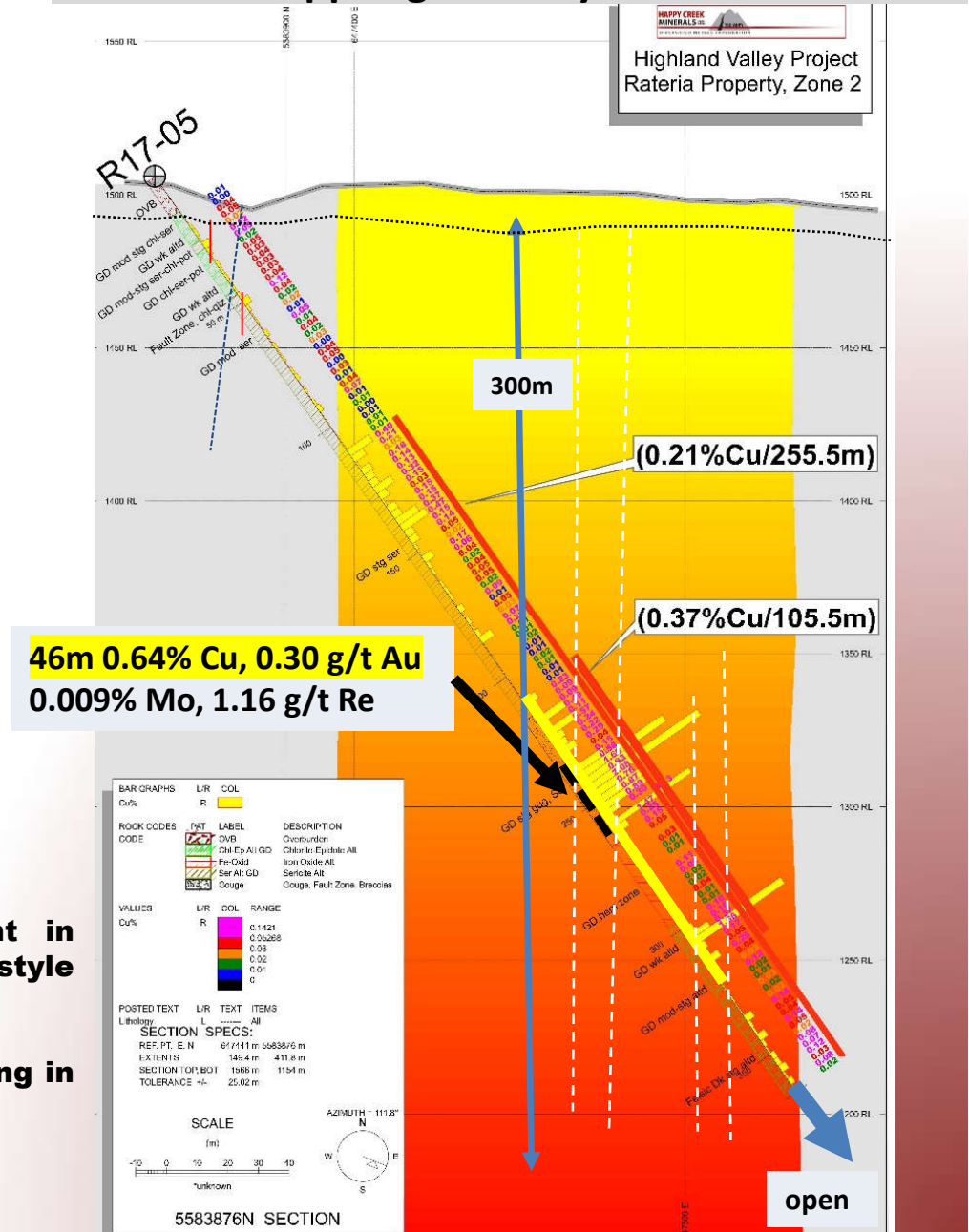
Up to 16.8 g/t Rhenium (Re) with 0.138% Mo/2.5m

Presence of gold and high rhenium enrichment in molybdenite is similar to B.C. copper-gold porphyry style copper deposits.

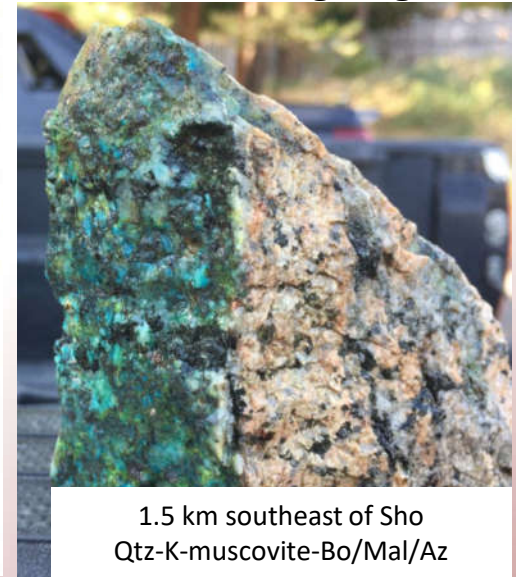
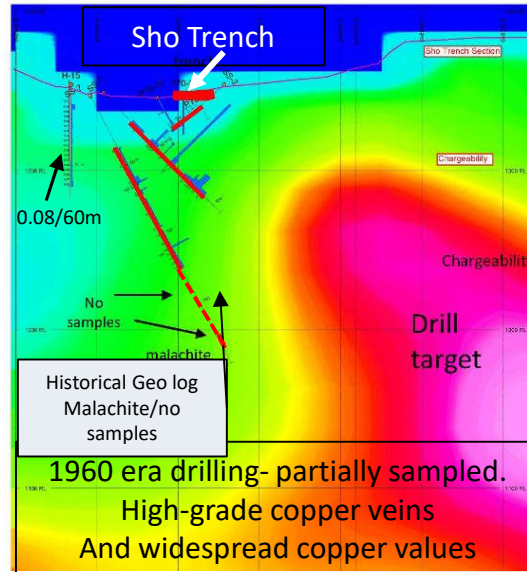
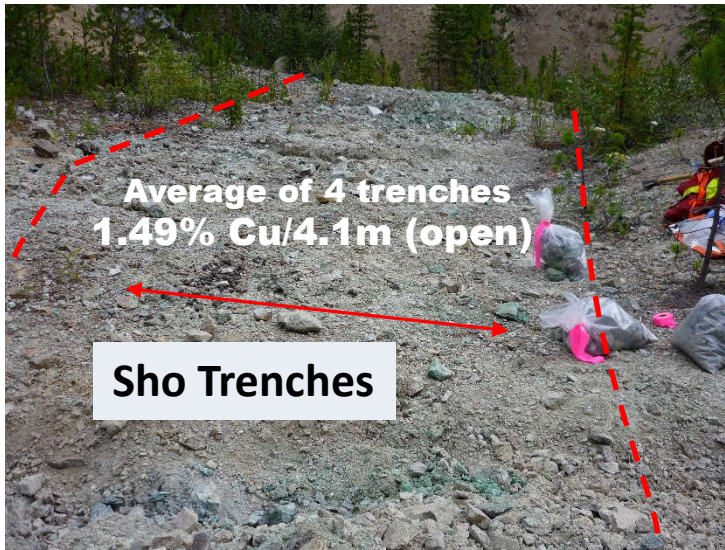
Zone 2 has encouraging grade with drill holes ending in mineralization.

Potential for a large mineral system.

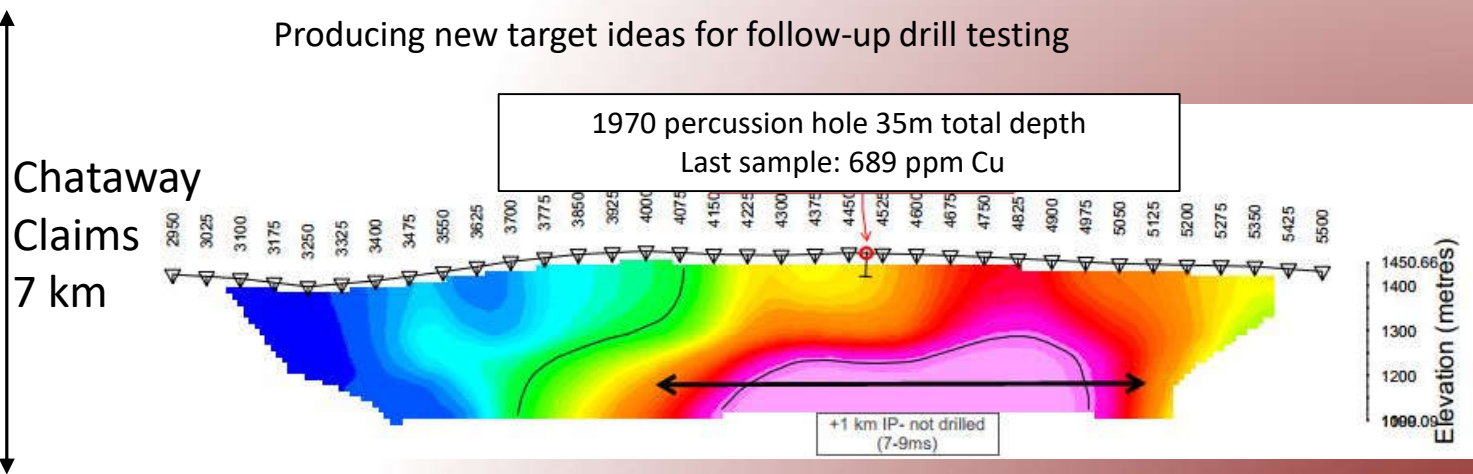
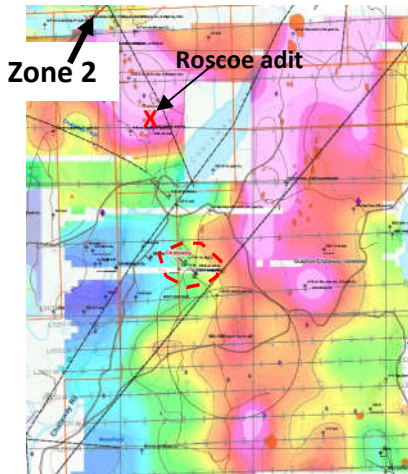
ZONE 2 DISCOVERY Copper-gold-moly-rhenium



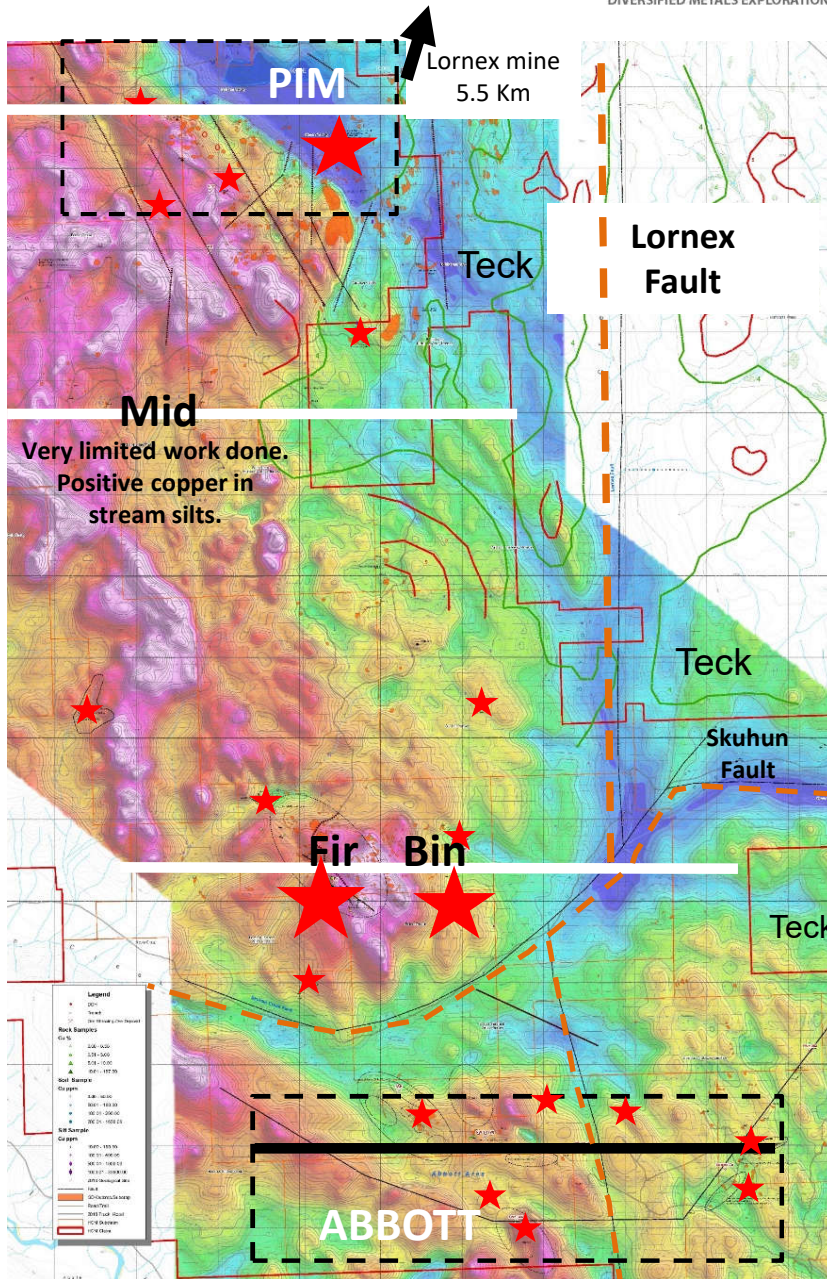
Sho prospect: Historical work developed a sizeable area of mineralization, but work stopped in 1972. Happy Creek follow-up includes geophysical surveys and mapping – now a 1.5 km long target.



Acquired Chataway claims (2017) adjoining Rateria. 2019 re-processing of 1993 IP survey



We continue to generate new copper targets



WEST VALLEY

- **The Lornex fault extends south from the giant Lornex and Valley deposits to the north.**
- **Historical exploration intermittent, and cursory.**
 - Patchwork irregular shaped claims.
 - Large gaps without any exploration.
- **Under-appreciated?**
- **Area is largely covered by glacial till.**
- **Strong copper in stream sediments.**
- **Copper showings (★).**
- **At surface, lower magnetic response (green-blue color) reflect younger intrusive phases and / or hydrothermal destruction of magnetite.**

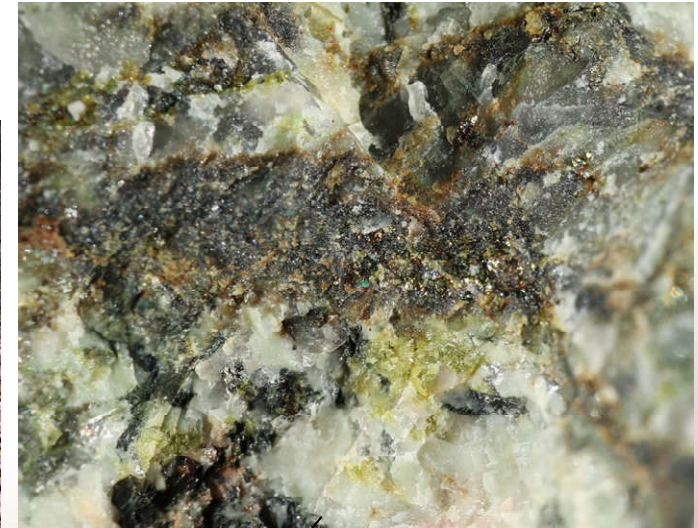
 2019 Geology & IP Geophysics at Abbott and PIM

And 2019 Inversion model of airborne magnetic survey

Magnetic inversion sections example

IP chargeability sections example

**WEST VALLEY- ABBOTT AREA
Line 72200N (north end)**

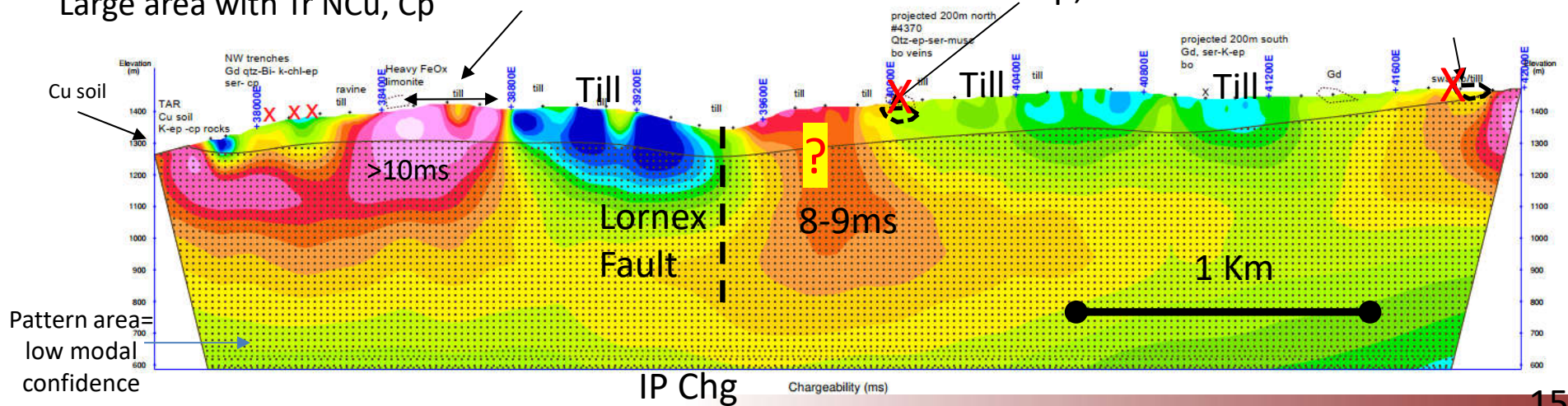


NW Trenches BP/HV Gd, Ap
Bi-K, Chl-Ep, Qtz-Ser
Large area with Tr NCu, Cp

Lim-FeOx/Py

New: Chat-Bethl Gd
K-Bi-Chl-Ep, Qtz-Ser
Cp, Bo

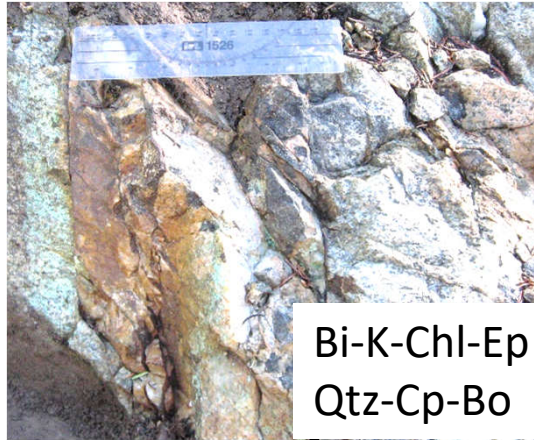
New: Trail Cu
Chat-Bethl Gd
K-Chl-Ep, Qtz-Ser
Cp, Bo



**WEST VALLEY- FIR & BIN PROSPECT
Line 75300N Magnetics model section**

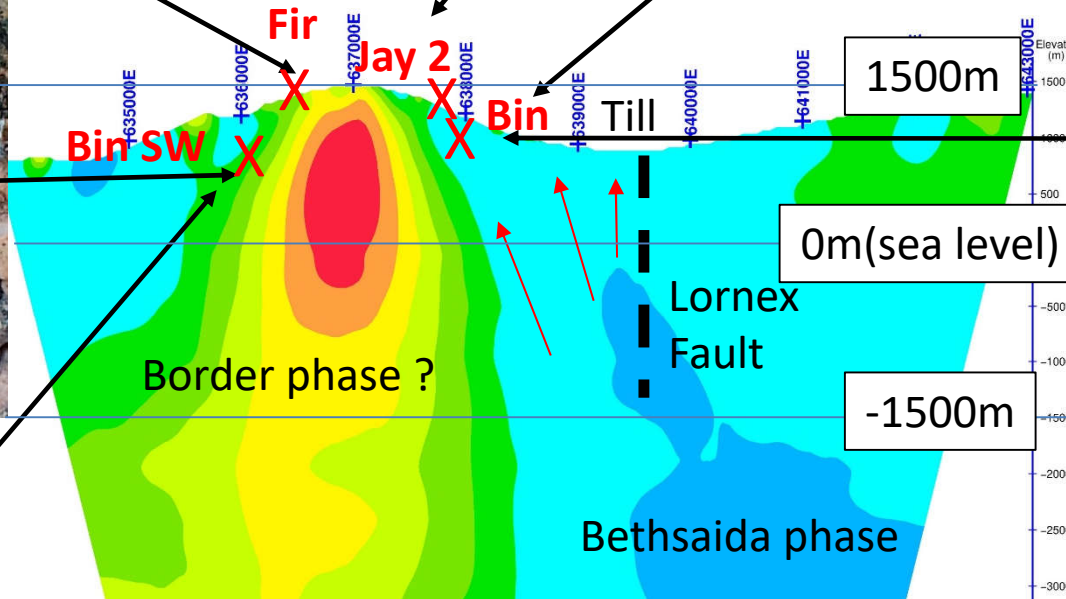
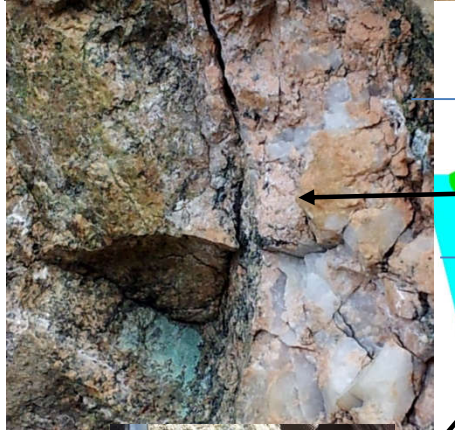
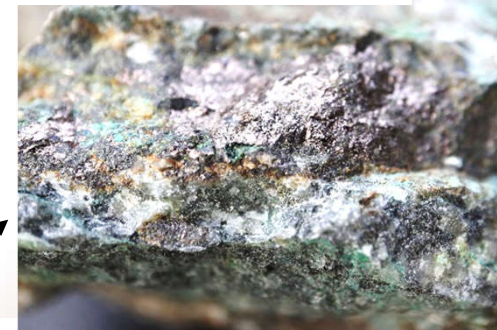


Bi-K-mag
Qtz-ser-Cp



Bi-K-Chl-Ep
Qtz-Cp-Bo

Bi-Chl-Ep-K- Ser
Qtz-Cp-Bo-Mo- Re



**K-feldspar alteration & copper showings near magnetic high.
Potential Bethsaida phase (younger age rock type associated with
district porphyry copper (moly) at depth to east**



Magmatic fluids (with copper-moly) derived from younger phases (like Bethsaida). Interpretation from magnetic model.

WEST VALLEY- "MID" SECTION Line 81000N Magnetic model section

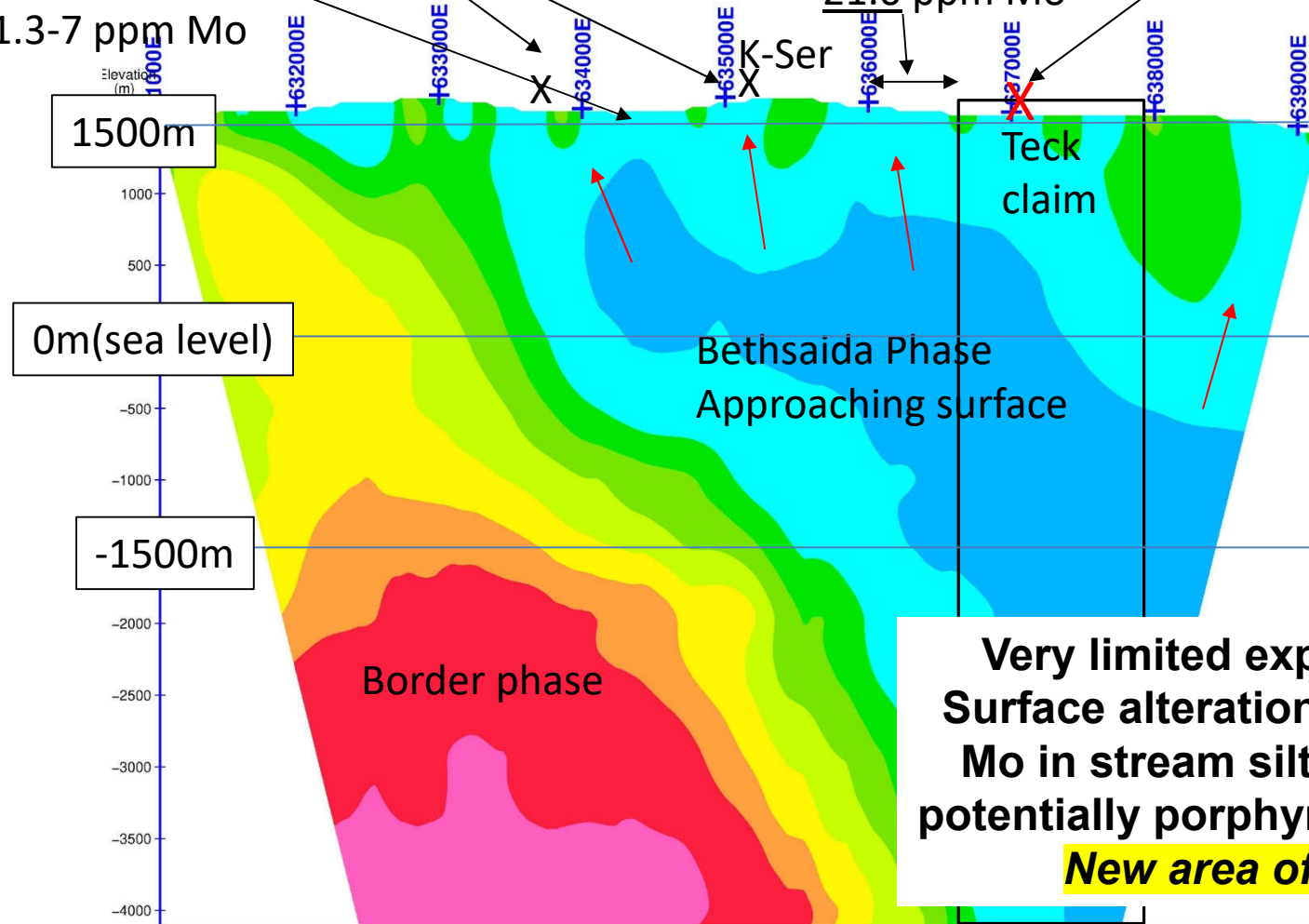
First-pass geology: Mixed HV phase
Ep-Ser veins common, muscovite

Orange rubble in road
(Similar to Zone 1)
Ser-muscovite

Frank prospect: Bethl-Skeena
K-Ser+bo

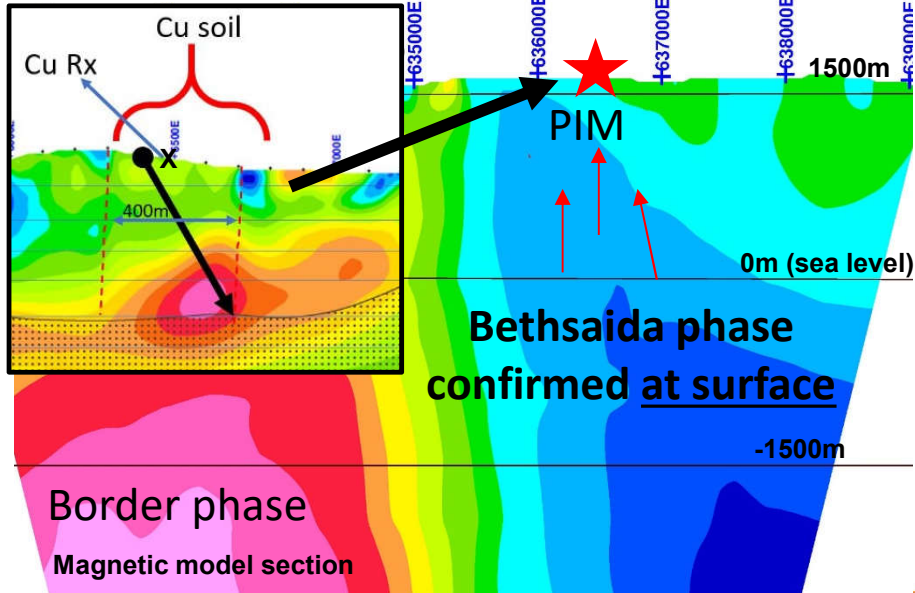
Silt 285-437 ppm Cu
1.3-7 ppm Mo

Silt 174 ppm Cu
21.0 ppm Mo

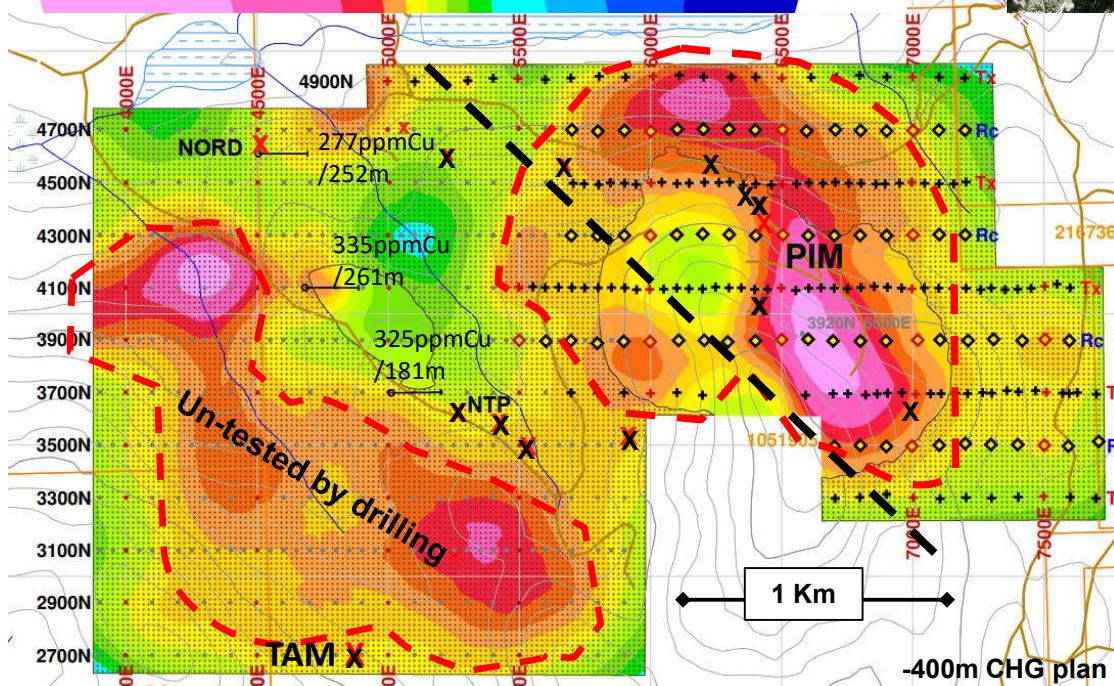
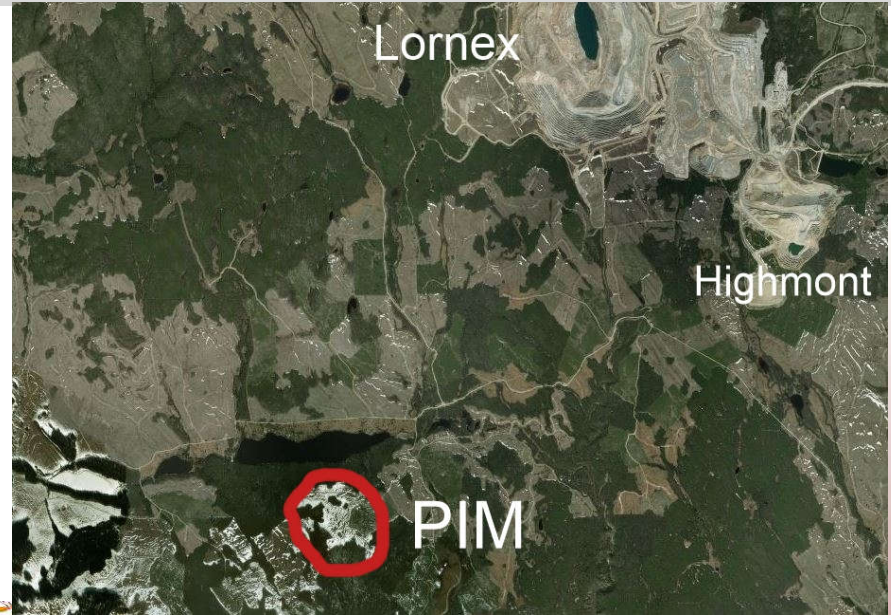


Magmatic fluids
(with copper-moly)
derived from
younger phases (like
Bethsaida).
Interpretation from
magnetic model.

**Very limited exploration to date.
Surface alteration, positive Copper-
Mo in stream silts above younger,
potentially porphyry-generating rocks**
New area of opportunity



WEST VALLEY- PIM PROSPECT



- 2019: PIM Prospecting / IP survey.
- New copper showings (X)
- Key geology (Bethsaida-Skeena)
 - Positive IP anomaly
 - Positive magnetics
 - Positive soils
- Positive white mica readings
- Drilling planned to test
- Potential for a copper deposit.**

- **Rateria and West Valley: First time this 244 Sq Km contiguous property is assembled**
 - in Canada's best porphyry copper-moly district: 5 deposits achieving commercial production
 - Deposit targets range from >150mt to over 1 billion tonnes.
- **Zone 1 and 2 are significant new copper prospects with room to grow**
 - Zone 2 has positive gold & high rhenium enrichment- something different !
- **Modern exploration tools assist geological understanding and confidence in targeting**
- **West Valley area historically under-appreciated for copper potential: this may change.**
- **Potential for new discoveries: continued exploration generating quality new copper targets**



Ideal conditions are in place to find new copper deposits

A 100% owned, quality copper exploration asset

July 1, 2020

Shares outstanding: 105,029,712

Warrants: 641,820 @ avg. \$0.17

Options: 4,750,000 @ avg. \$0.20

Year High: \$0.14

Year Low: \$0.06

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