Huckleberry vent target area, Moyie Anticline Project B.C.

KOOTENAY RESOURCES INC.

Exploring for the next TIER ONE DEPOSIT in British Columbia

Corporate Presentation
August 2025

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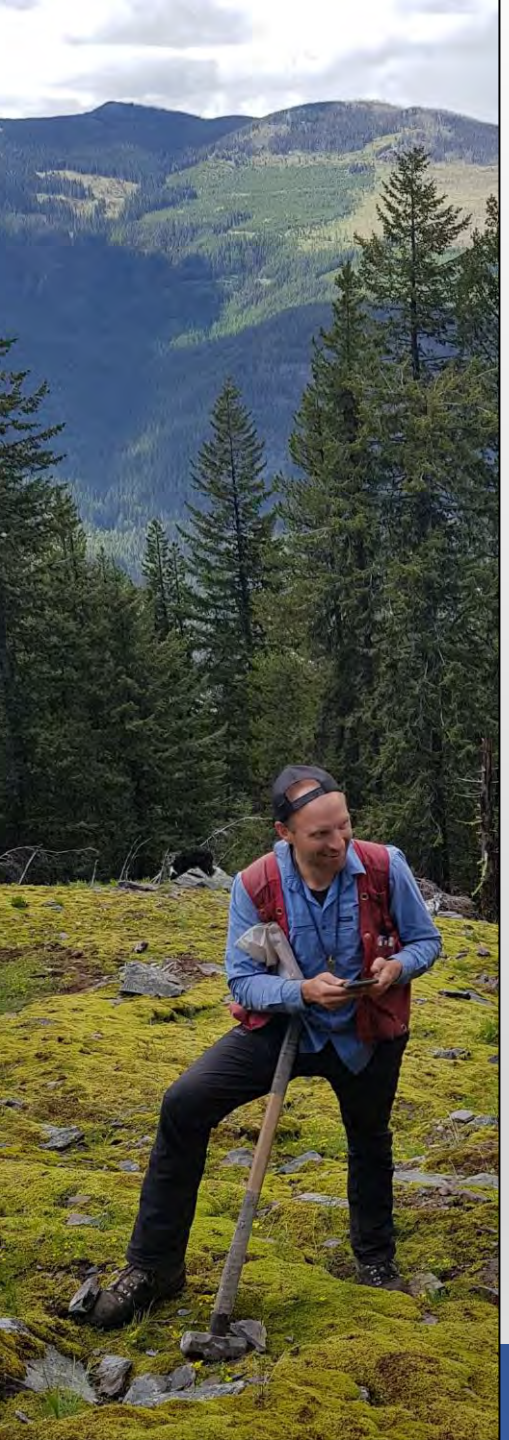

Discovering the Next Tier One Deposit

Why They Are Important and Lucrative to Find

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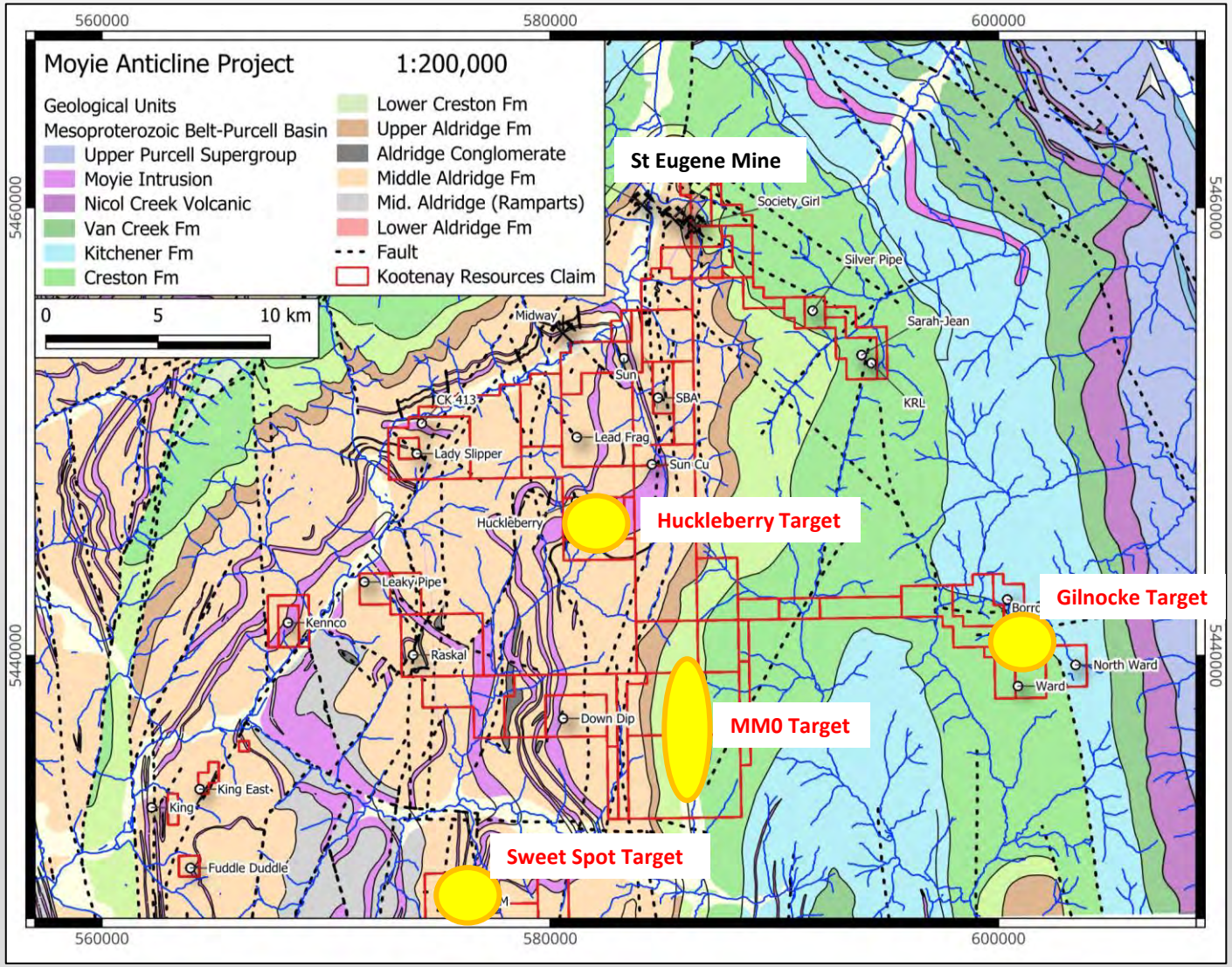
- Their discovery by junior companies results in buyouts in the billions of dollars.
- Great Bear Resources, Arizona Mining and Diamond Fields for example.
- Defined loosely as the top 10 to 15% of deposits
- They produce for decades bringing multi-generational social and economic benefits
- Tier one base metal deposits contain 66% of the net present value in only 14% of all the deposits.

FOCUS ON MINERAL BELTS KNOWN TO HOST GIANT DEPOSITS

- **Exploring two under-explored regions with excellent potential**
- **The Purcell basin**, host to several Tier One deposits including the 100 year mine-life **Sullivan Deposit Zn, Pb, Ag Deposit at Kimberly, B.C.**
- Kootenay's flagship **MOYIE ANTICLINE PROJECT** covers a large area of under-explored, highly prospective Purcell basin south of the giant Sullivan Mine.
- **The Nechako plateau**; Kootenay has generated several projects in a region hosting numerous Ag, Au, Cu, Mo deposits including the giant **Blackwater Au, Ag Deposit** currently under construction

USE OF PROCEEDS SINCE LISTING

- Extensive historical database compiled from public and proprietary data sources including **849 rock samples** and **7,449 soil samples**
- Multiple alteration zones and mineral showings documented
- 2022 – 2D inversion of **116 historical** and newly acquired Magnetotelluric stations identifies multiple anomalies in regional targeting program
- 2023 - KTRI adds **47 MT Stations** focusing on three broad target areas associated with deep plumbing “conduits”
- 2023 - 3D inversions on combined MT dataset confirm compelling anomalies beneath existing prospect areas
- 2022-2024 Collection of **6,431** individual Limonite geochemical samples from **786 stations**
- Consolidation and reorganization of claims to new configuration
- Late 2024 – Airborne ZTEM/magnetic survey over central block



Results of Proceeds Spent To Date

- Thesis: Tier One deposits occur within conductive zones rooted 10 of km in the crust. First two phases was to test this thesis
- 2022 and ‘23 MT surveys were hugely successful in identifying important super deep conductors containing multiple shallow conductors. Several which have the size to be Tier One deposits/discoveries
- About 29 probable drill targets identified with MT and xrf program
- About 7 are possible Tier one size in 4 areas
- 2024 Ztem survey and modeling by Alan Jones to refine best targets for drilling
- Seven projects generated in Nechako Plateau, 3 under option, four are gold-silver, one is copper-gold-moly porphyry, and one is gold-silver and copper porphyry

Next Raise

- Modeling of Ztem and MT work to identify best drill targets
- Detailed surface xrf work and mapping to aid in drill site selection
- Select drill targets and advance permitting for drilling 2026.
- Assessment work on SMK property in Nechako to define drill targets.
  - SMK is a new copper porphyry and epithermal target. Several km of alteration, veins and gold grades to 25.99 gpt and silver to 367 gpt. (see slides
- Secure Option deal on Two Times Fred for drilling
- General Working Capital

Terms

- Up to 2,000,000 million non flow through units at $0.05 per unit
  - One unit of one share and one warrant
  - Warrant exercisable at $0.12 for 5 years
  - Gross proceeds of $100,000

- Up to 1,818,182 million flow through warrants at $0.055 per unit
  - One unit of one share and one warrant
  - Warrant exercisable at $0.15 for 5 years
  - Gross proceeds of $100,000

Current Share Structure

Issued & Outstanding	**38,857,820**
Warrants	2,359,956
1,412,500 Expire April 26, 2026 @$0.15	
635,316 Expire April 26, 2026 @$0.20	
216,097 Expire December 13, 2026 @$0.15	
96,043 Expire December 13, 2026 @$0.10	

Additional Information

Two Regions of Focus

Moyie Anticline

Nechacko Plateau

MOYIE ANTICLINE PROJECT

- “Sullivan” Style Tier 1 target in highly prospective Purcell Basin stratigraphy
- Innovative use of Magnetotellurics combined with decades of boots on the ground experience
- Numerous High priority anomalies identified for follow up work and drill testing

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Focused Exploration in British Columbia
Advancing Two Bold Initiatives

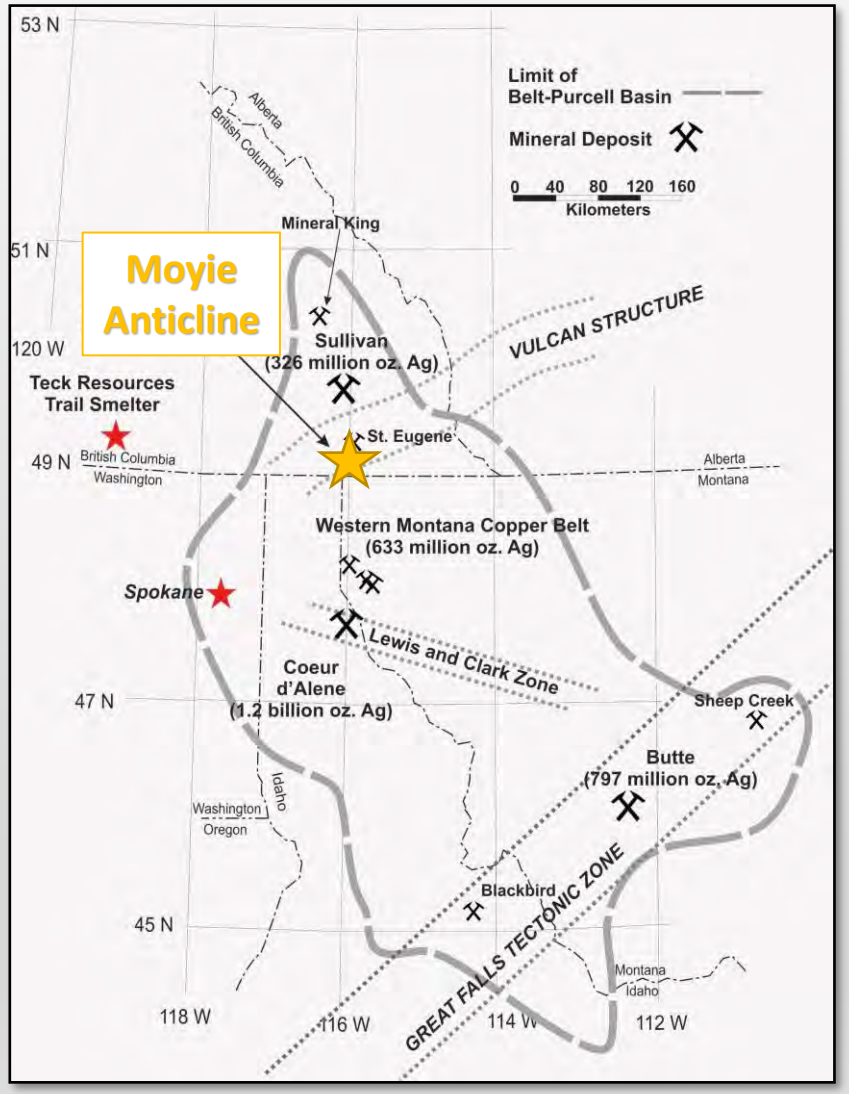
NECHAKO GENERATIVE PROGRAM

- Generative program is the continuation of highly successful 15 year+ initiative targeting underexplored regions in central B.C.
- Kootenay seeks to identify footprints of mineralized systems large enough to host significant deposits.
- Many new showings and properties discovered to date
- Five projects currently under option to 3rd party operators
- Target area hosts epithermal style precious metal deposits and giant porphyry copper/molybdenum deposits

Moyie Anticline

Purcell Basin –150 years of Exploration and still overflowing with potential

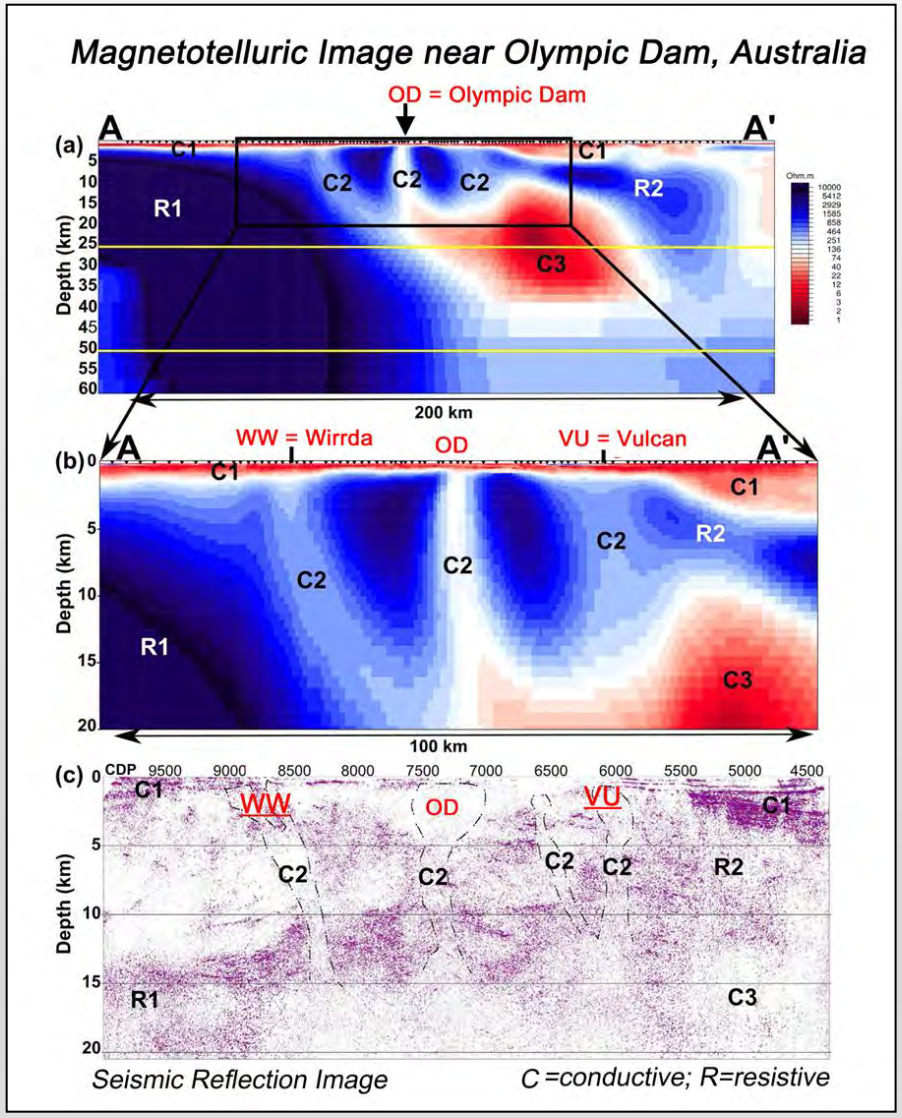
- The Proterozoic-Aged Purcell Basin - one of the world's premier exploration targets for giant deposits to this day hosts a wide range of deposit types.
- **SEDEX Deposits** – e.g. Sullivan 155 Mt @ 5.7% Zn, 6.6% Pb, 53g/t Ag, total production **326M Oz Ag, 8.4Mt Pb, 7.9Mt Zn**
- **Vent complex deposits** (related to and possible roots of incomplete SEDEX systems) – e.g. Stemwinder and Fors
- **Stratiform** Cu bearing massive sulphide deposits – e.g. Deposits of the Idaho Cu-Co belt and Butte district **797 Moz Ag, 9.7Mt Cu, 387Mt Pb, 2.5Mt Zn and 3 Moz gold**
- **Redbed Copper Deposits** – e.g. the deposits of western Montana Copper belt total production **633M Oz Ag, 2.95Mt Cu**
- **Mesoproterozoic Pb, Zn +/- Ag Veins** – e.g. Coeur d'Alene camp on Idaho, St Eugene in BC, total production **1.2B Oz Ag, 7.4Mt P, 2.9Mt Zn**



Moyie Anticline Steps to Discovery

- Goal to identify and test highest priority targets at Moyie looking for targets rooted in deep conductive zones
- Late 2024 Airborne ZTEM survey designed to complement existing MT data with a joint 3D inversion planned
- Geophysical datasets and results to be combined with existing surface geological and geochemical targets
- Resulting interpretation to result in top picks for drill testing in 2025
- Drill targets already identified by previous phases; permitting and consultation process underway
- Phase Two Drill Program to be designed based on results

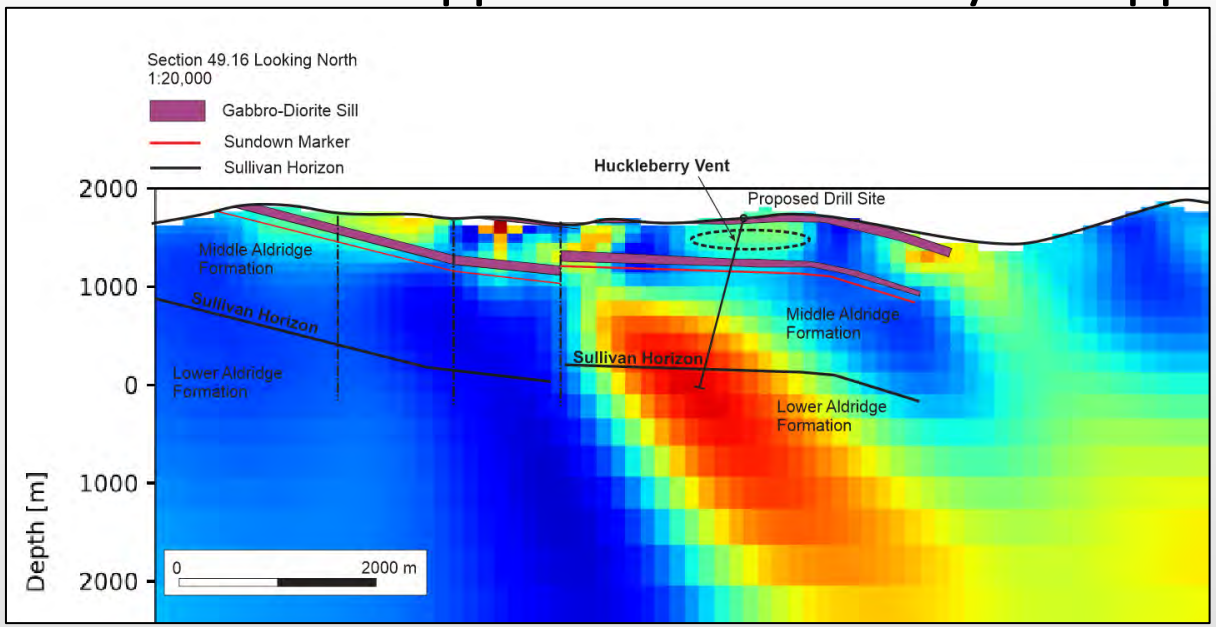
The New Approach to MT surveys as applied in Australia

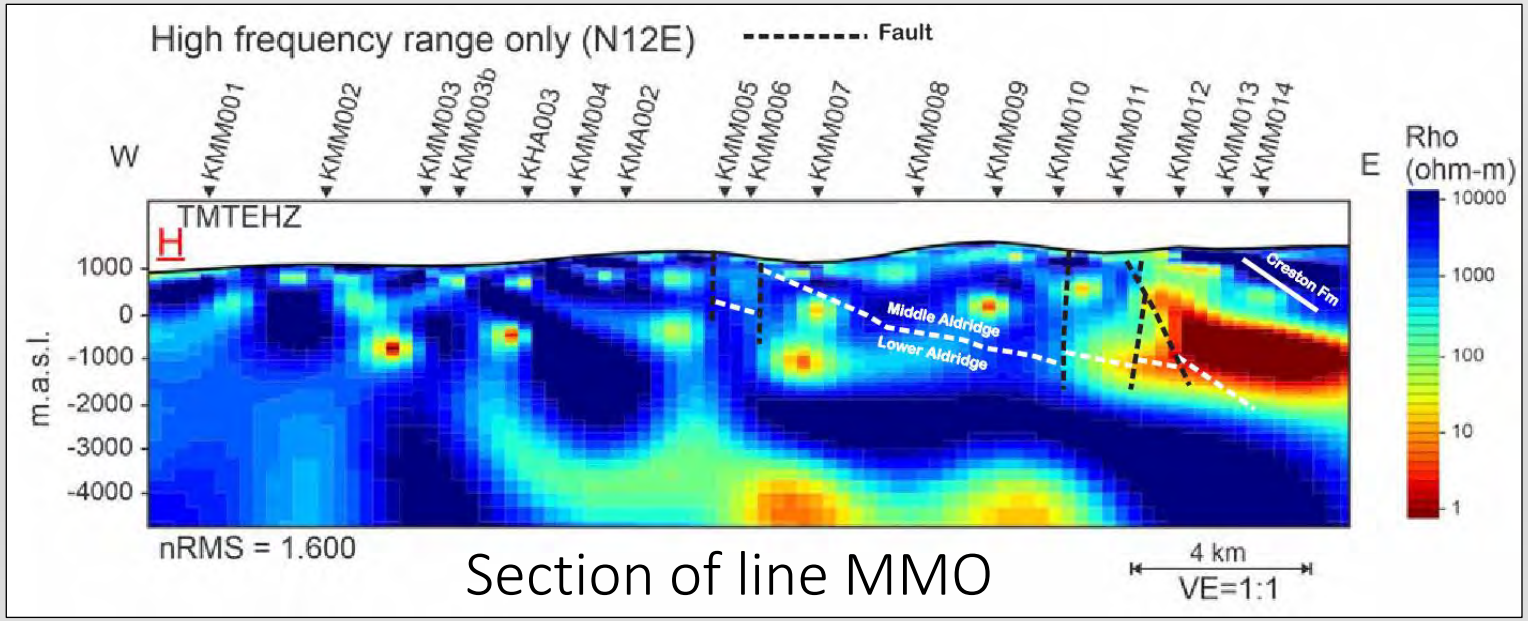


- In Australia deposits like Olympic Dam (the world's largest) sit within wider, very deep (tens of kms.) zones of conductivity that are easier, cheaper and quicker to find because fewer survey points are needed.
- See C 2 to the left a finger of deep conductivity from > 25km depth hosting Olympic Dam demarked by the arrow and OD.
- Kootenay's MT survey guided by renowned geophysicists Dr. Fred Cook (Professor Emeritis University of Calgary and Advisor to Kootenay) and Consultant Dr. Alan Jones regarded as the pre-eminent expert on MT.
- The objective; find a few of these deep conductive zones which might host a tier one deposit.
- Several were found
- And a bonus, numerous shallower conductors within them.
- One of may be a tier one sulfide deposit.

"Big deposits need big plumbing systems"

The New Approach to MT surveys as applied in Purcell Basin, B.C.





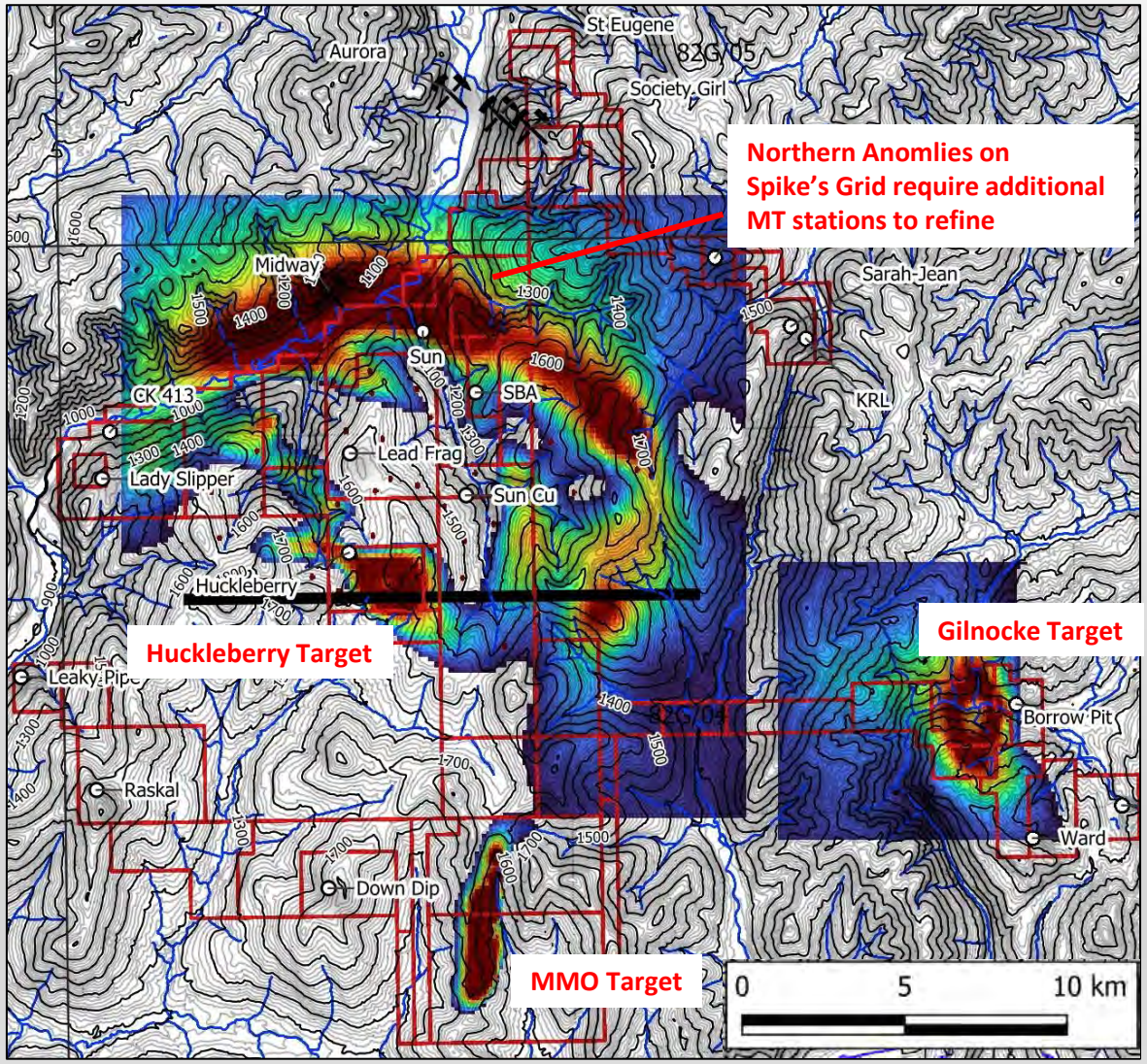
Section of line MMO

- Kootenay's MT surveys were very successful in finding deep conductive zones
- Kootenay's MT surveys also identified multiple shallow conductors that may be sulfide deposits.
- The largest deep red zones on the left are of a tier one scale in size
- MT data are used in combination with other datasets and observed surface features to develop priority targets for drill testing

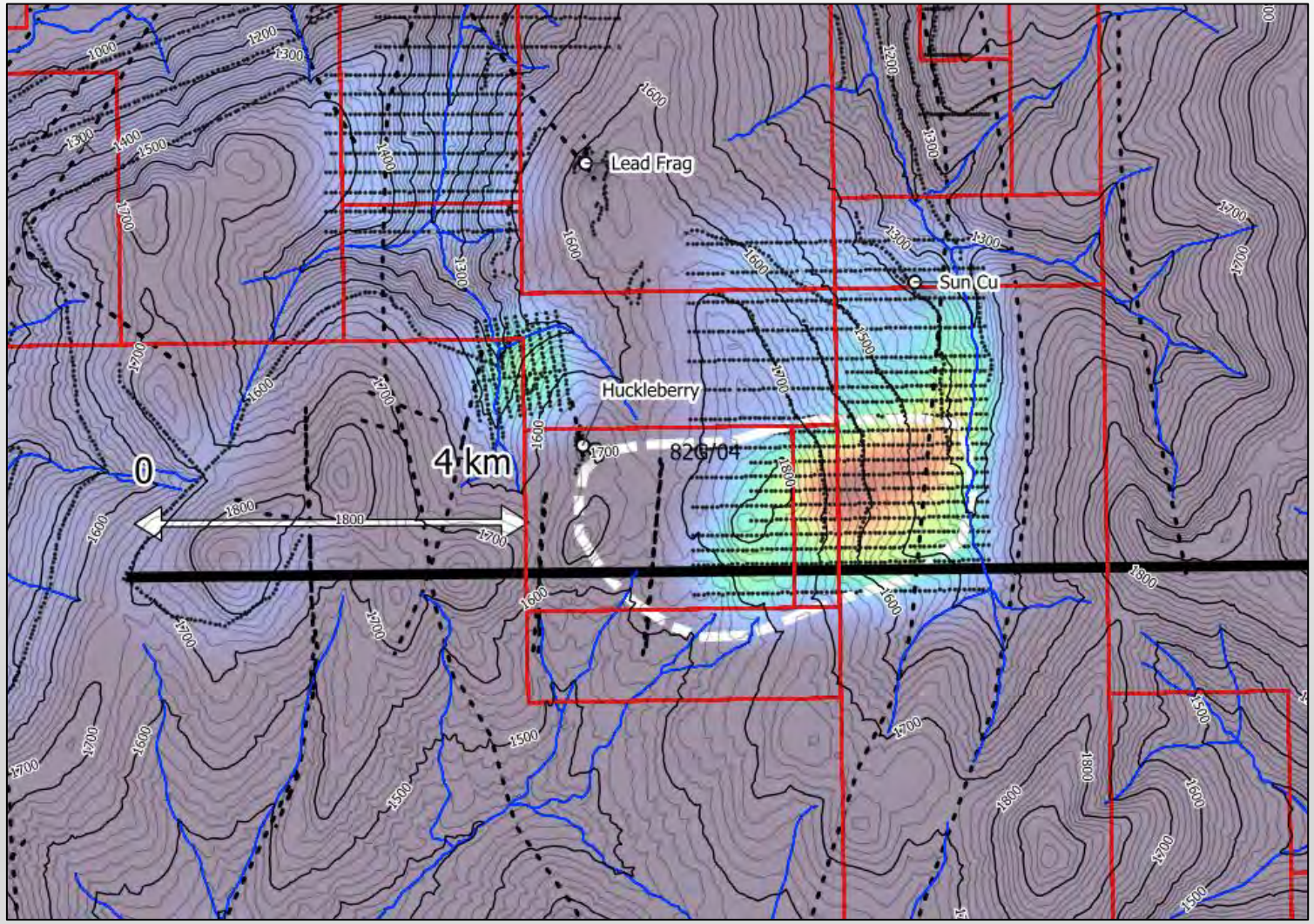
"Big deposits need big plumbing systems"

Testing for Deep Conduits on the Moyie Anticline

- 2021 and 2023 MT surveys complement existing knowledge across the region
- Recent advances in 2D and 3D MT inversions Work led by Dr Fred Cook and Dr Alan Jones
- Historic data combined with new stations collected in 2021 provided a series of anomalies
- Three broad target areas were investigated with MT inversions in 2023; Spikes, Gilnocke and MM0
- Additional Inversions using entire dataset to be completed



Huckleberry Vent Target

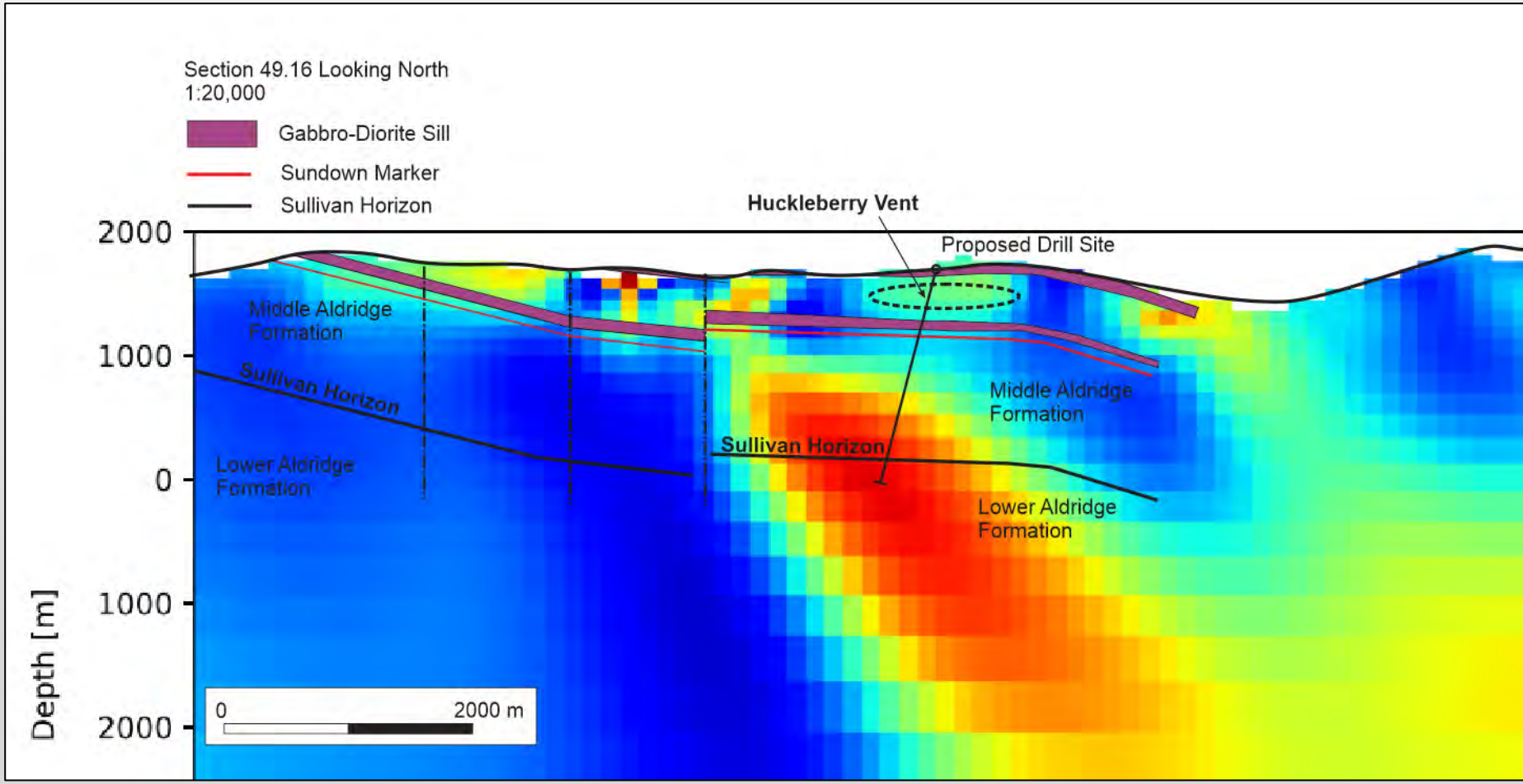


Plan view showing MT anomaly at depth overlain by surface copper-in-soils anomaly (coloured heat map shows elevated copper relative to surrounding soil samples.)

- 2023 MT inversion focused on three grids; Spikes, MM0 and Gilnocke areas. highlighted several conductors
- At Spikes Grid one of the strongest and most discrete anomaly aligns well with existing Huckleberry target
- Identified as prospective by surface work; fragmental units recognized, alteration and copper in soil anomaly combined with favourable structural (fault network) setting
- 3D inversion of MT data reveals a strong, east dipping conductor situated at depth beneath the huckleberry vent

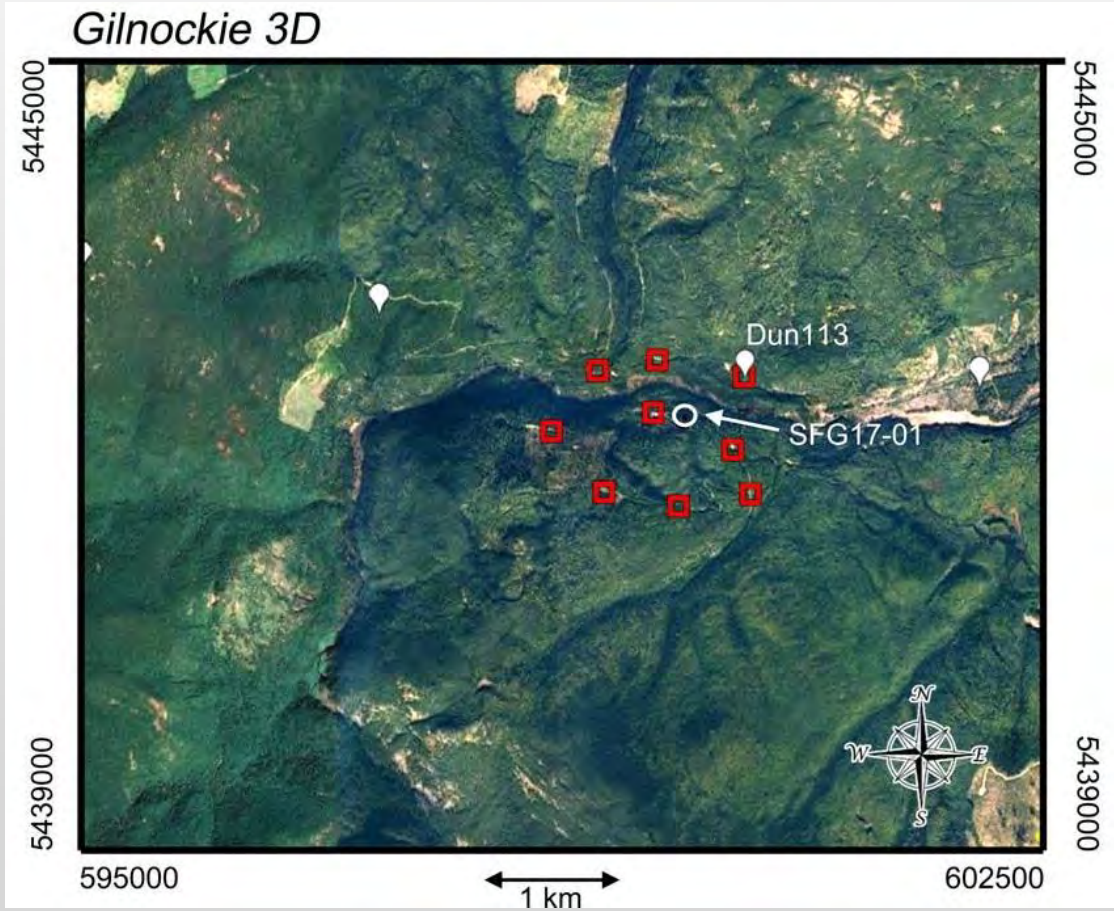
Huckleberry Vent Target

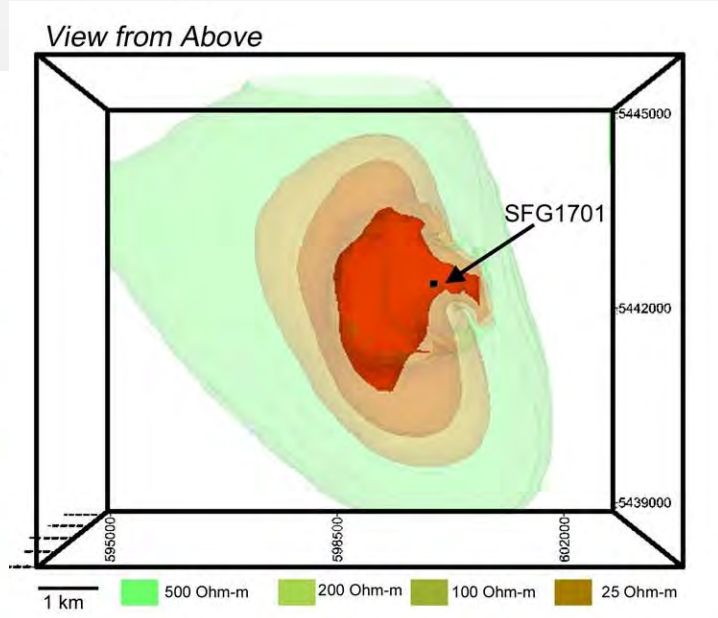
- Huckleberry Vent area sits atop a deeper conductive anomaly
- Huckleberry vent area is zone of interest due to overlapping geochemistry and geological features.
- 3D inversion of MT data reveals strong conductor located beneath the huckleberry vent, estimated to coincide roughly at the Lower/Middle Aldridge contact

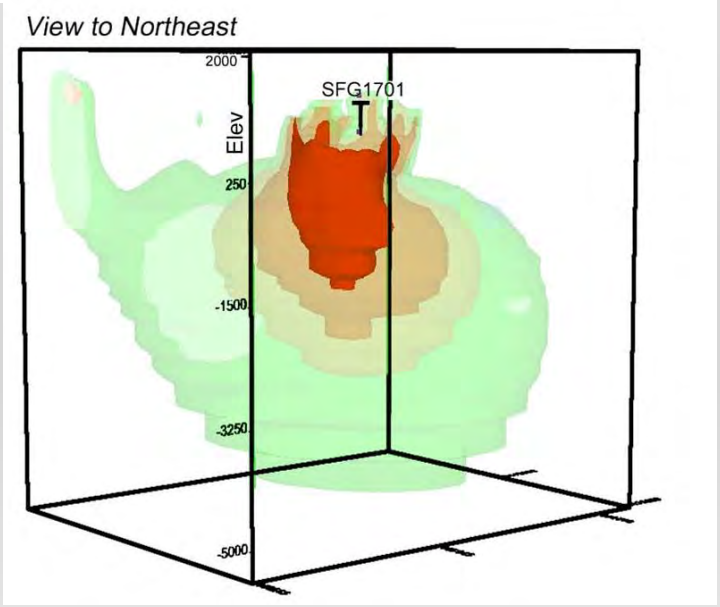


Gilnocke Target

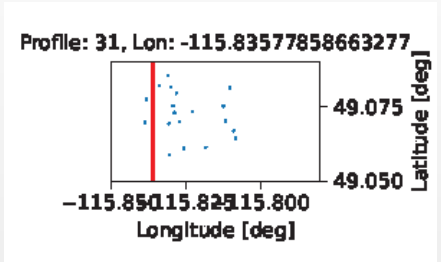
- Part of regional scale copper exploration effort spearheaded by Kootenay from 2010 onward
- Between 2015 and 2018 Antofagasta PLC funded exploration on targets presented by Kootenay
- Hole SFG17-01 drilled to 588 metres depth; encountered alteration and anomalous copper + lead/zinc mineralization at the time recognized as indicative of a “mineralized shell”
- 3D inversion of MT data reveals strong conductor is present directly beneath original target, terminates some 200-300 meters beneath the end of hole SFG17-01

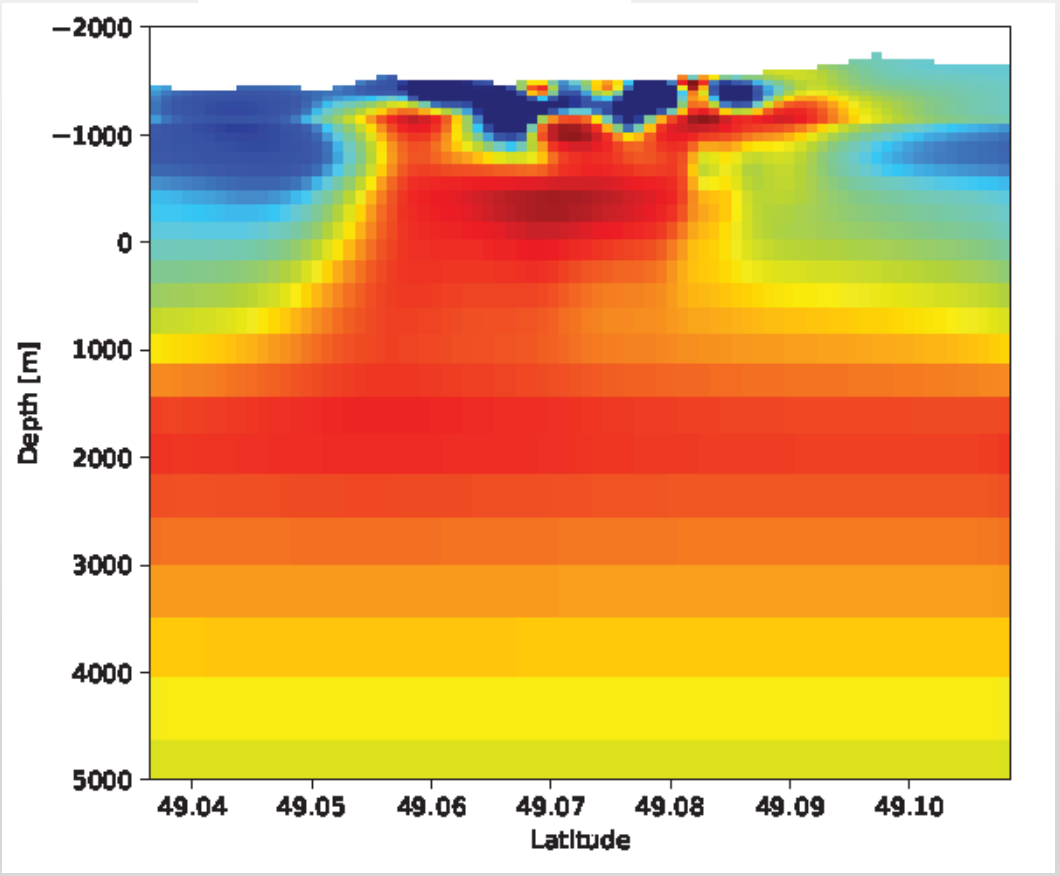


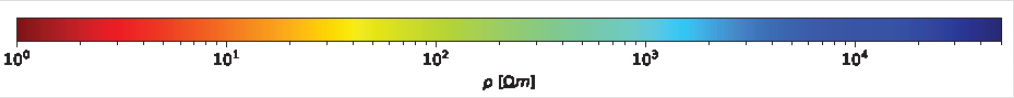




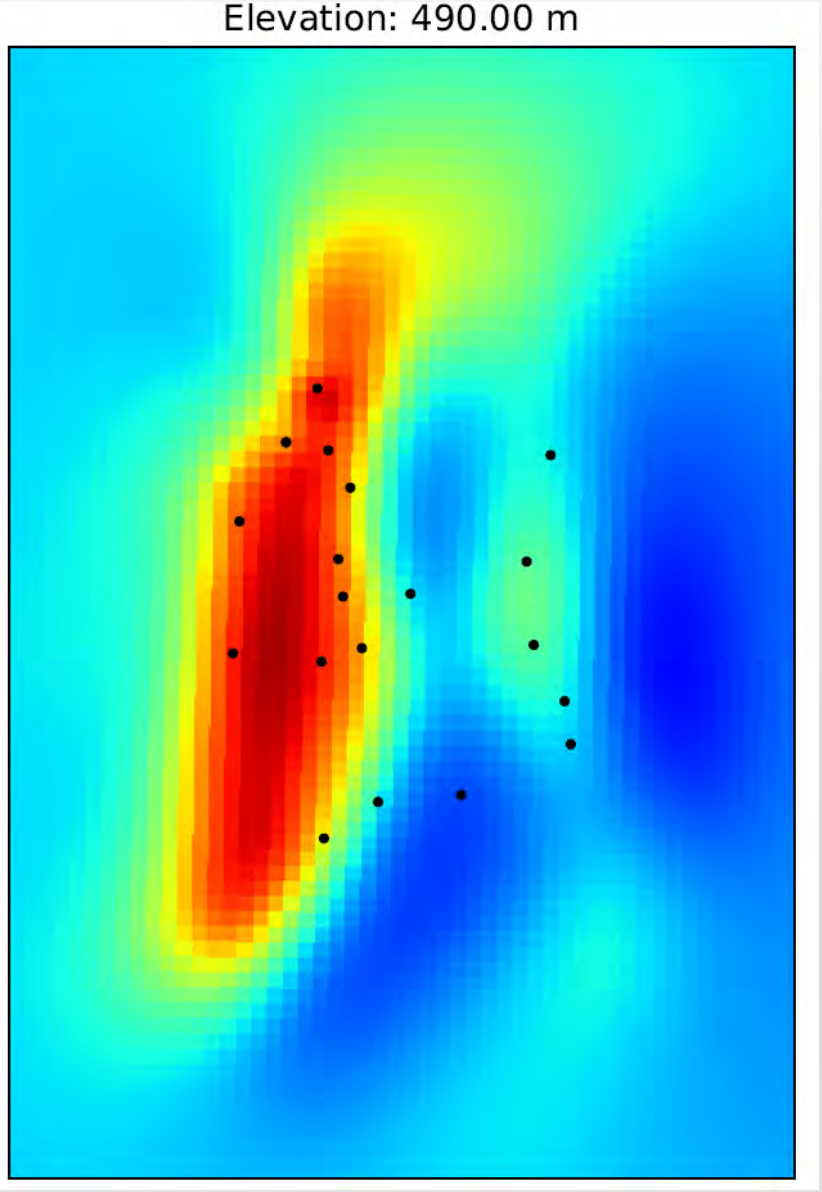
MM0 Target



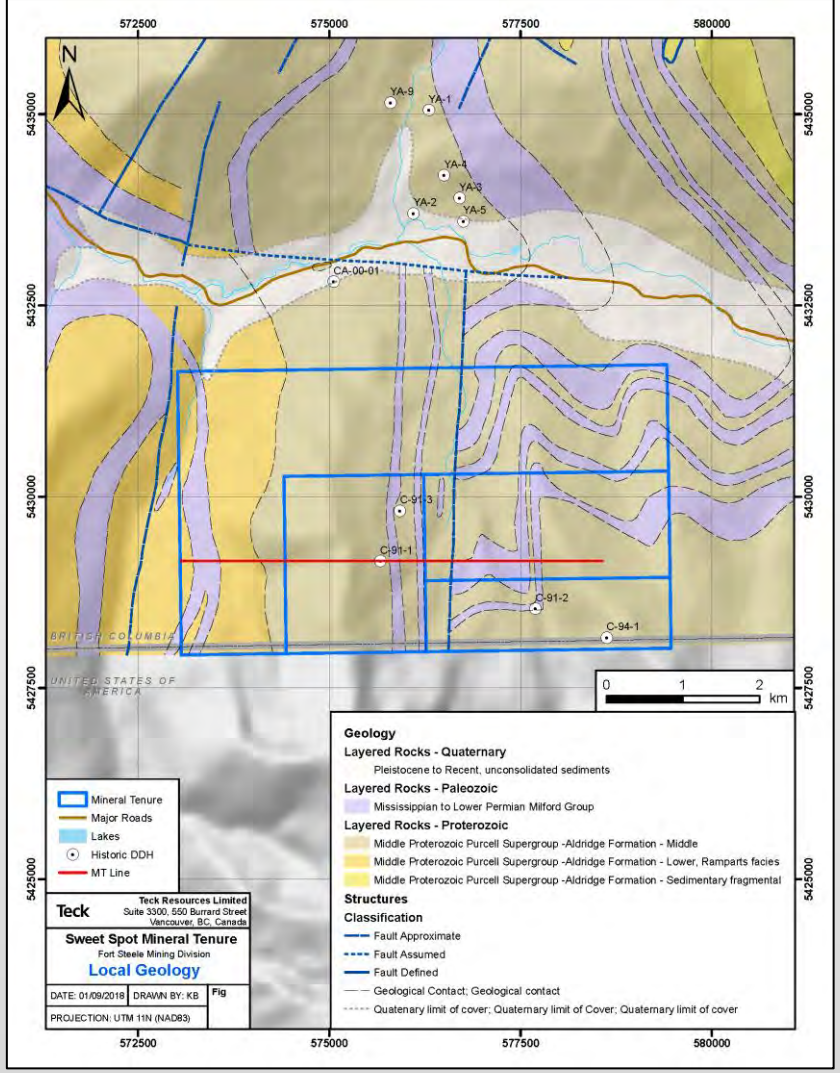




- Large and very strong low-resistivity anomaly detected along historical Duncan Energy MT line “MM0”
- Upper levels of conductive zone form 6km long anomaly aligned with regional NNE fault system
- Strength of conductivity makes 3D inversions challenging wider spaced stations will assist in modelling lower levels
- No drilling and very little surface work completed at MM0 Anomaly.



Sweet Spot Target



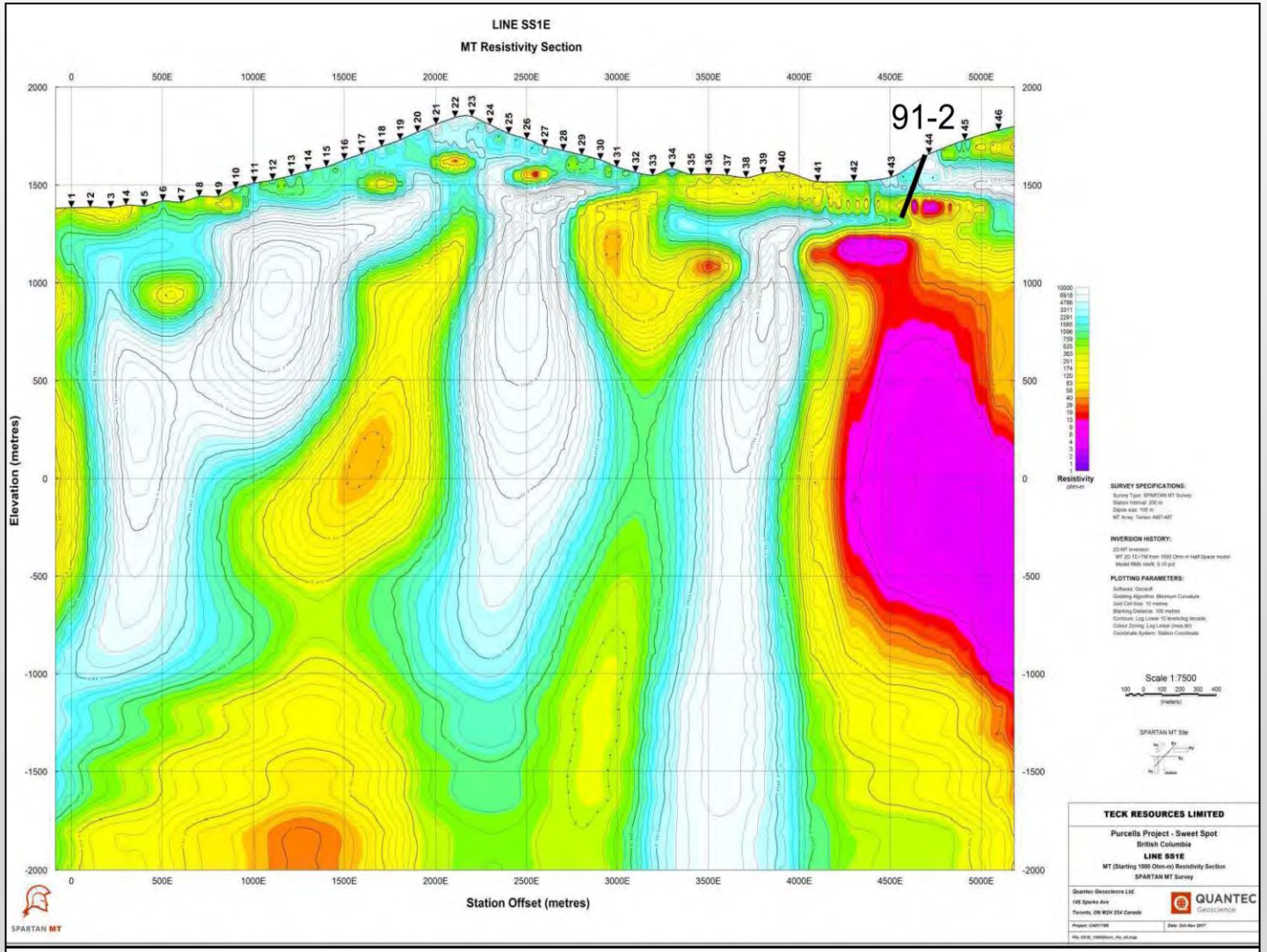


Figure 3-9. Sweet Spot Grid - Results of the 2D inversion of the MT data along line SS1E using 1000 Ωm starting model.

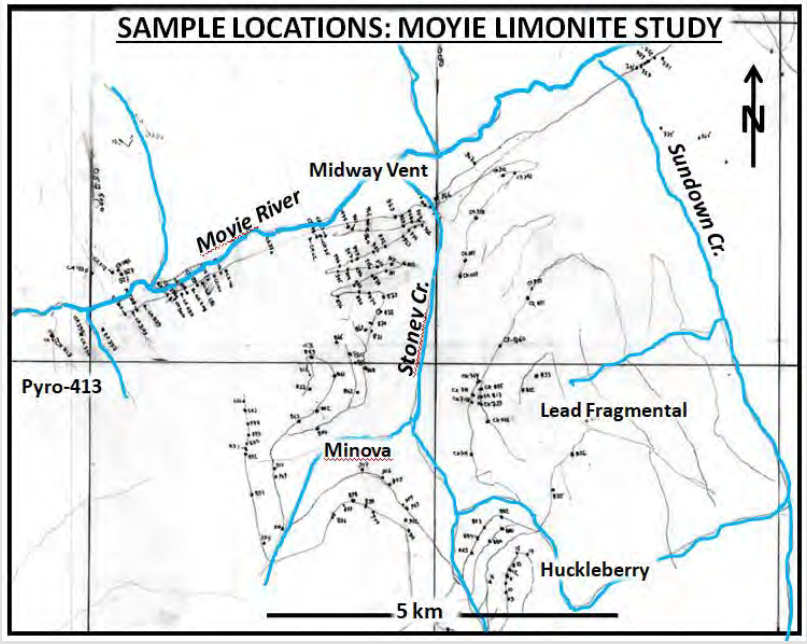
- Prospect area's southern boundary is the US/Canada border
- Optioned by Teck Resources – a tight spaced 2017 Quantec MT survey identified strong anomaly on Kootenay claims.
- Anomaly is beneath historical drillhole that did not extend deep enough to intercept the source of conductivity
- Anomaly was never drilled, Kootenay's claims returned by Teck

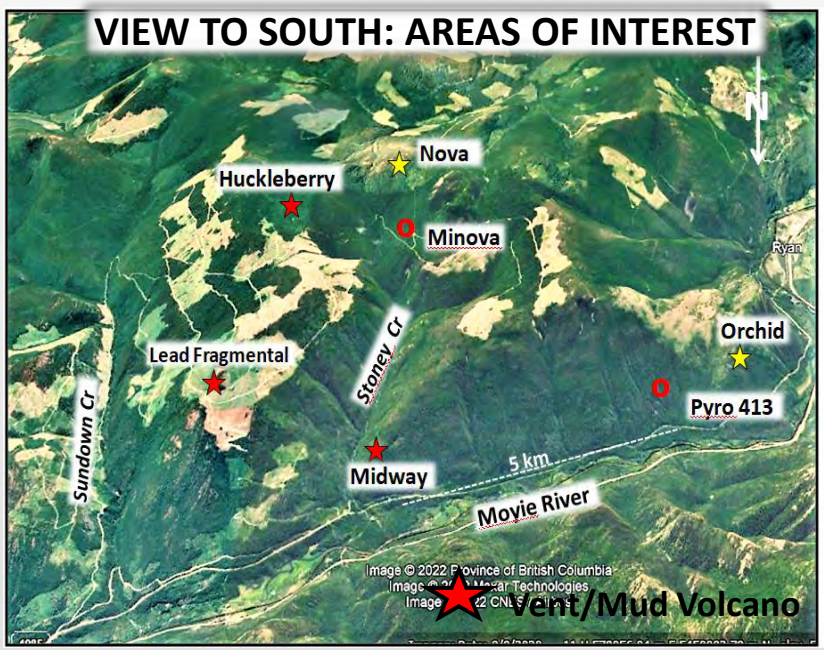
New and Innovative Limonite Sampling

- Developed by Craig Kennedy and Dr. Tom Richards
- It is a geochemical method sampling limonites on fractures
- The idea is limonites can be the outbound fringes of mineral deposits
- Sampling the limonites can identify areas that are anomalous in metal
- These anomalies may be the distal edges to mineral deposits hidden below the surface
- Using traditional assaying and sample collection would take 100's of thousands of dollars and years to complete
- Using portable-XRF to directly measure the metal content of limonites in fractures is a new innovative approach
- It is fast and cheap
- Greater than 7000 samples taken in over 600 sites taking months and tens of thousands of dollars instead of years and hundreds of thousands of dollars

Craig Kennedy and Dr Fred Cook

LIMONITE STUDIES – NOVEL APPLICATION OF NEW TECHNOLOGY






Sample site Average +/- 50 metres


Average +/- 18 sample chips per site

- The portable XRF has opened up many possibilities for grass-roots exploration
- The Limonite study is fast, cheap and effective
- Kootenay has analysed over 7,000 limonite samples from the Moyie property from approximately 600 individual sites
- Several anomalous areas identified augment MT conductors and geologic indicators (geochem, alteration, mineral showings, structure)

Acknowledgement: Dr T.Richards

The Nechako Plateau

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The Targets – Nechako Plateau Region Central B.C.

- Blackwater: Reserves of Proven and Probable of 8 million ounces gold and 62 million ounces silver[1]
- Equity Silver: Historic production of 71.3 million ounces silver, 508,000 ounces gold and 185 Mlbs copper from 32.6Mt [2]
- Bell Copper: Historic production of 1.2 million ounces silver, 414,000 ounces gold and 672 million pounds copper from 77.1Mt [3]
- Granisle: Historic production of 2.2 million ounces silver, 220,000 ounces gold, 472 million pounds copper from 52.3Mt [4]

[1] at 0.75 gpt Au and 5.8 gpt Ag P+P; M+I resource of 11.7 million ounces and 122.4 million ounces of silver at 0.61 gpt Au and 6.4 gpt Ag.(source Blackwater Gold Project NI 43-101 Technical Report on Updated Feasibility Study Sept, 2021)

[2] source: production Detail Report BC Minfile No: 093L 001

[3] source: production Detail Report Bell Mine BC Minfile No: 093M 001

[4] source: production Detail Report Granisle Mine BC Minfile No: 093L 146

NECHAKO EXPLORATION PORTFOLIO

- For 15+ years the Kennedy family, in collaboration with Dr Tom Richards and others have conceptualized and advanced an impressive list of mineral exploration concepts the Nechako Plateau.
- KTRI has seven projects in the region, two currently under option and being actively explored by Thompson Creek Metals Company Inc (subsidiary of Centerra Gold Inc.)
- A third project, 2xFred was returned recently after significant, multi year investment by Thompson Creek Metals – fantastic opportunity for additional work
- Early-Stage projects include Fox, Coconut, Sleeper/Magnificent (epithermal targets) and Mystery (porphyry target)

FOLLOWING THE ROCKS, NOT THE CROWD

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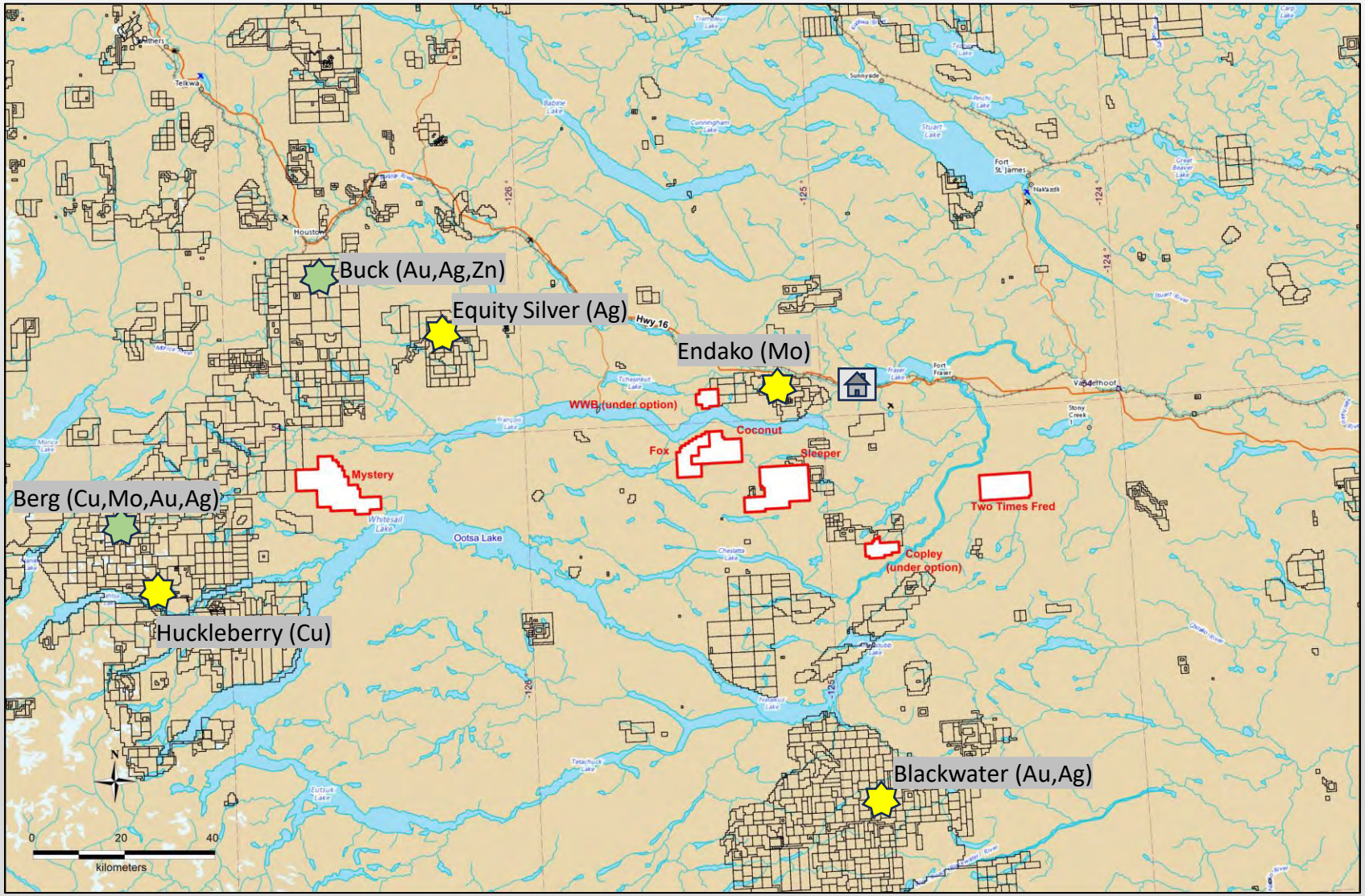


- Seven highly prospective early-stage exploration properties
- Most identified by Kennedy / Richards regional targeting initiative
- Two properties, Copley and WWB, currently under option
- Two Times Fred significantly upgraded by previous optionee, now returned and available for additional work

Sleeper Magnificent Knapp Property

• Dual Target Model: Intermediate-sulfidation epithermal Au-Ag system with porphyry Cu-Mo-Au potential

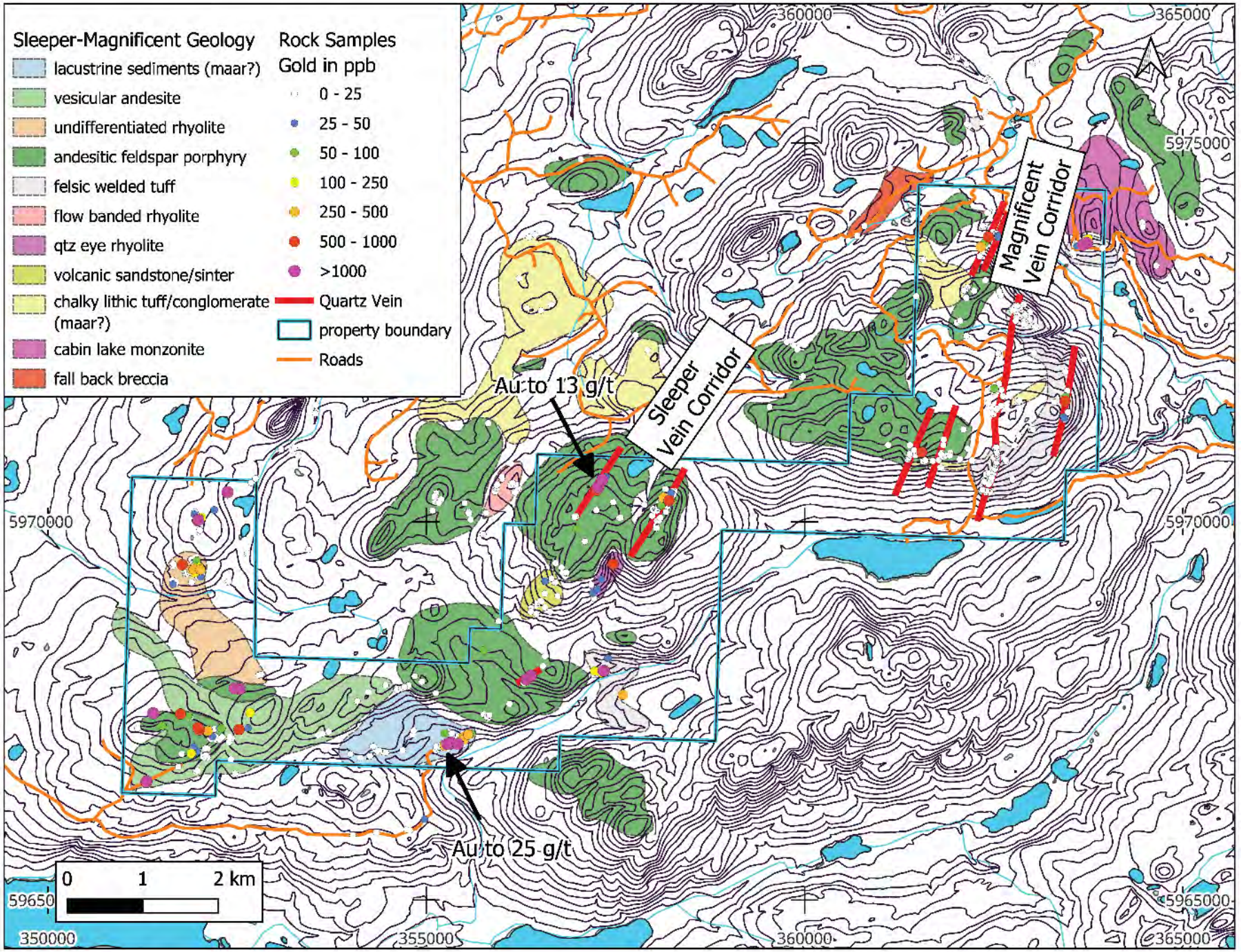
• Large, Underexplored Land Position: Vein systems and alteration zones over several kilometers with supportive geochemistry

• High-Grade Surface Results: Rock grab samples up to 25.99 g/t Au; multi-km polymetallic trends.

• Trench- and Drill-Ready: Multiple walk-up targets, especially the 5 km-long Magnificent Vein corridor

• Strategic Location: All-season road access and proximity to power transmission lines

• Supportive Communities: Located in a resource-friendly region with experienced local workforce and positive First Nations engagement potential



- High-Grade Surface Results: Rock grab samples up to 25.99 g/t Au; multi-km polymetallic trends.

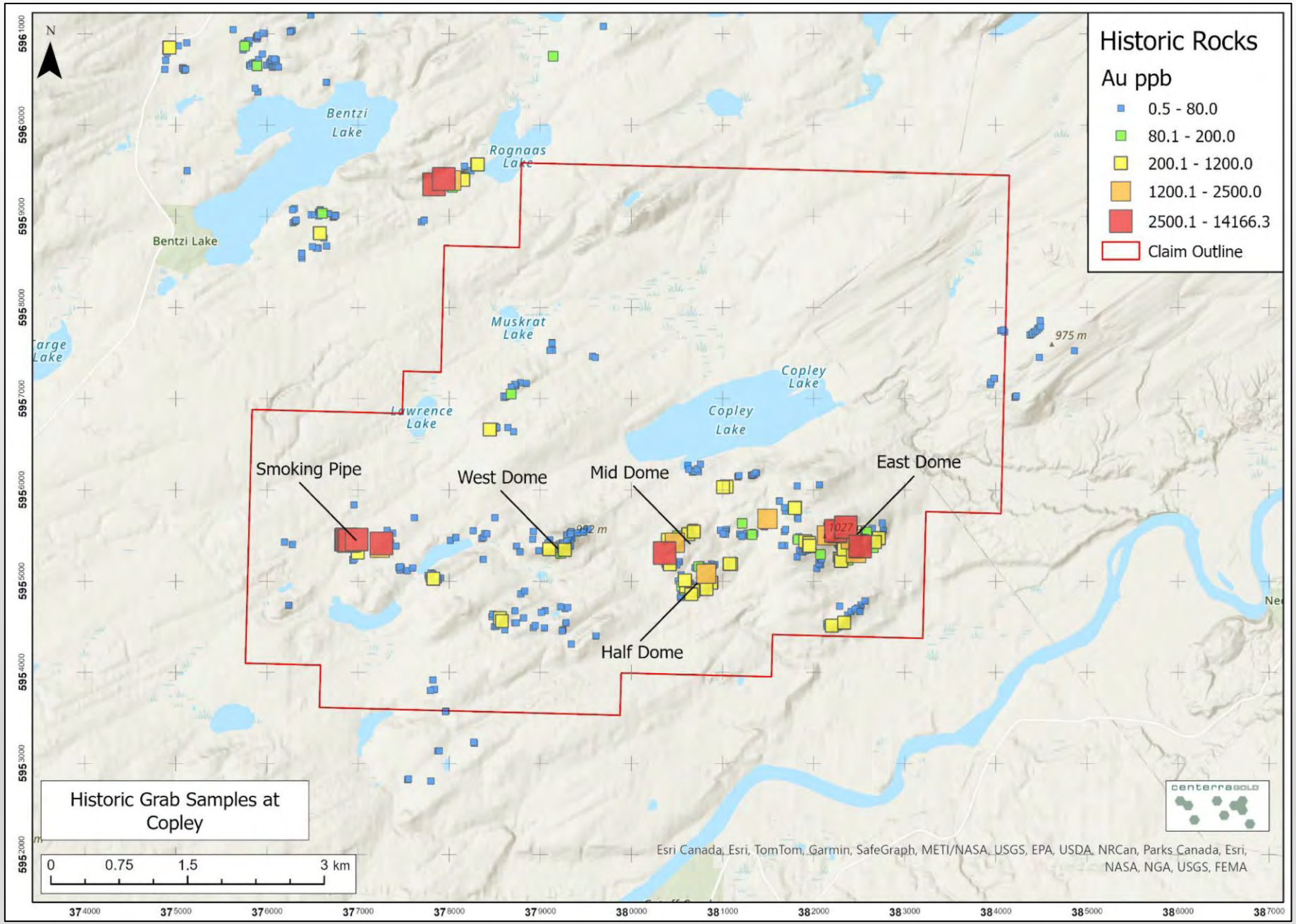
Trench- and Drill-Ready: Multiple walk-up targets, especially the 5 km-long Magnificent Vein corridor

- A total of five geochemical anomaly areas have been delineated, along with ten additional isolated high-grade samples
- Anomalies returned up to 25.99 g/t Au and 100 g/t Ag
- Average gold grades across anomaly clusters range from 1.8 to 8.9 g/t Au
- Highest silver values reach 367 g/t Ag in isolated samples

These clusters define clear surface targets for trenching and first-pass drilling.

Copley

- **PROJECT HIGHLIGHTS**
- Geological Setting: Hosted within altered felsic volcanic units (Late Jurassic/Early Cretaceous) on a low magnetic susceptibility feature interpreted as a 10x10 km caldera.
- Mineralization Style: Intermediate-sulfidation epithermal Au-Ag with porphyry-style alteration and mineral associations.
- Drill Highlights:
  - 10.97 m @ 1.03% Cu, 0.15 g/t Au (COP-23-0001)
  - 2.0 m @ 158 g/t Ag (COP-23-0004)
  - 0.97 m @ 1.05% Cu, 0.12 g/t Au, 843 ppm Mo (COP-24-0010)
  - 4.5 m @ 0.69 g/t Au (COP-23-0002)
  - Historic intercepts (2011):
    - 2.0 m @ 9.27 g/t Au (C4-02)
    - 10.67 m @ 1.507 g/t Au incl. 3.67 m @ 2.573 g/t Au (C6-01)
    - 1.87 m @ 2.657 g/t Au (C6-02)
    - 2.0 m @ 1.991 g/t Au (C6-03)
- Rock Sample Highlights:
  - Channel samples up to 17 g/t Au (Smoking Pipe)
  - Composite grabs up to 14 g/t Au (Smoking Pipe)
  - Up to 6.2 g/t Au (East Dome), 3.3 g/t Au (Mid Dome), and 757 ppb Au (45 Road Zone)



COPLEY

OWNERSHIP & NEXT STEPS

100% owned.
Permits pending for immediate follow-up drilling.
Strong potential for high-grade Au-Ag discoveries.
Assessement work requirement good for 10 years

REGIONAL CONTEXT

Located in a proven belt with several major deposits:

- Blackwater: 8 Moz Au, 60 Moz Ag
- Equity Silver: 71 Moz Ag, 0.5 Moz Au
- Huckleberry: 0.8 Mt Cu
- Capoose, Endako, Bell Copper, Granisle, 3Ts

Two Times Fred

A True Prospecting Discovery

- Main Target Zone – One million ounces of gold in Multiple Au-Ag mineralized quartz veins within a 3km long x 1km wide corridor
- True grass-roots prospecting discovery
- Drill highlights include: **1.32 gpt Au/20.5m includes 10.8 gpt Au/1 m**
- Over $4M invested in exploration by previous optionee since 2019
- Ground Geophysical coverage includes;
  - 64.5 line km Induced Polarization and
  - 71.3 line km Controlled source audio magneto-tellurics (CSAMT)
  - 96.5 line km ground based VLF-EM and magnetics survey
- Airborne geophysics includes;
  - 2,317 line km of magnetics
  - LiDAR survey
- pre-2019 Kootenay completed 13 Diamond holes for 1,628 meters
- Previous Optionee completed 28 Diamond holes for 8,328 meters and 6 RC holes for 965 meters.

NQ sized drill core - Multiphase banded vein from hole 2XF-21-0015, depth 128.22 meters

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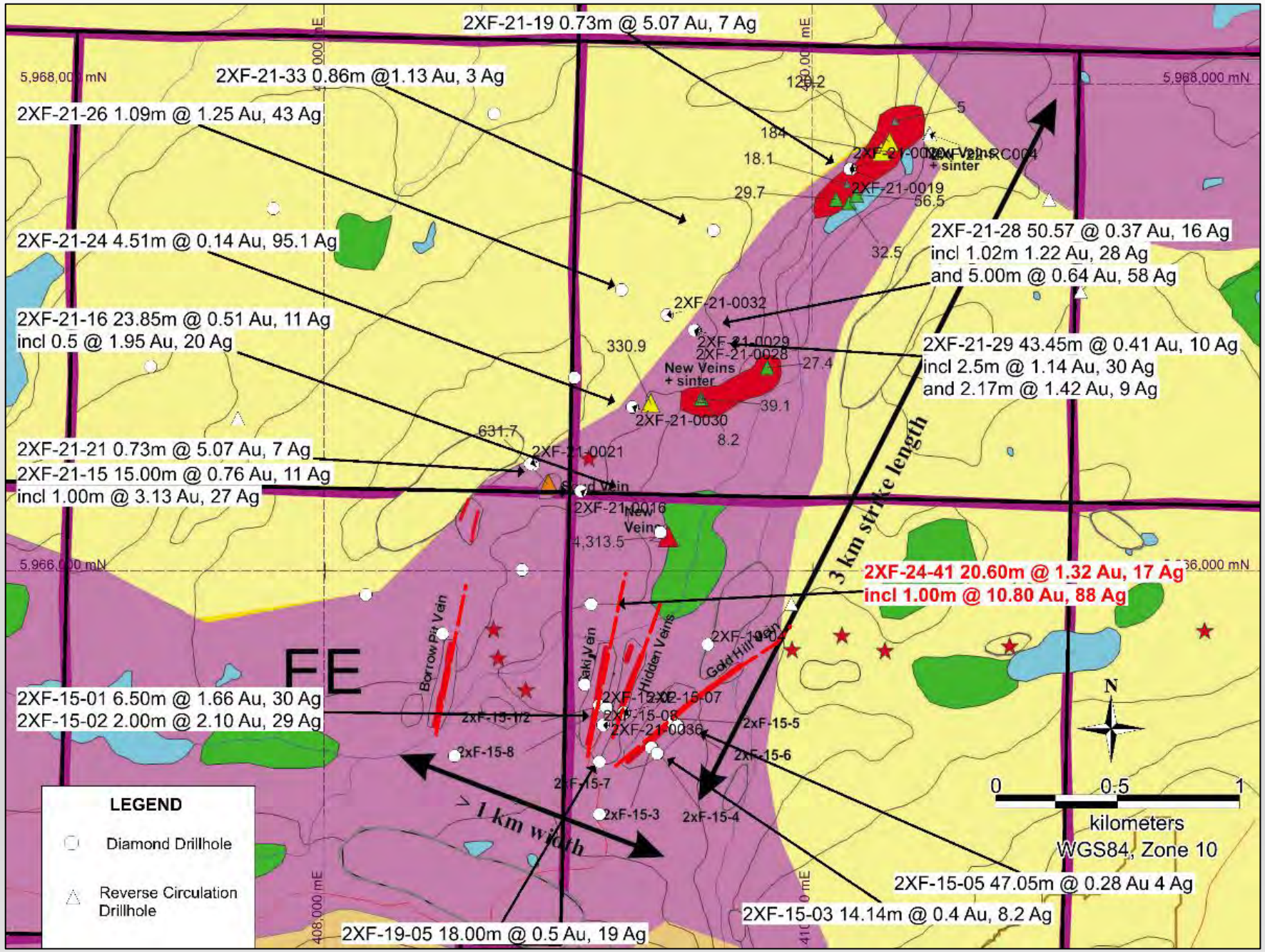

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KEY VEIN CORRIDORS & INTERCEPTS

Saki Vein (NNE):

Interpreted 2,000 m strike with best intercepts:

20.6 m @ 1.36 g/t Au, 17.2 g/t Ag includes
14.95 m @ 1.28 g/t Au, 14.6 g/t Ag
Including 1.0 m @ 10.8 g/t Au, 88.5 g/t Ag

Gold Hill Vein (NE):

Strike traced for ~1,000 m with consistent veining

Hole 2xF-15-03: **42.2 m @ 0.31 g/t Au**
Hole 2xF-15-04**: 63.15 m @ 0.17 g/t Au**
Hole 2xF-15-05**: 28.1 m @ 0.35 g/t Au**
Hole 2xF-19-04: **54.8 m @ 0.161 g/t Au**
Hole 2xF-19-05**: 87.5 m @ 0.321 g/t Au**
True widths ~20–40 m

Borrow Pit (NE):

47.05 m @ 0.287 g/t Au incl. 0.83 m @ 2.39 g/t Au

Shinju Vein (NE):

Up to 1,500 m strike
Best intercepts:

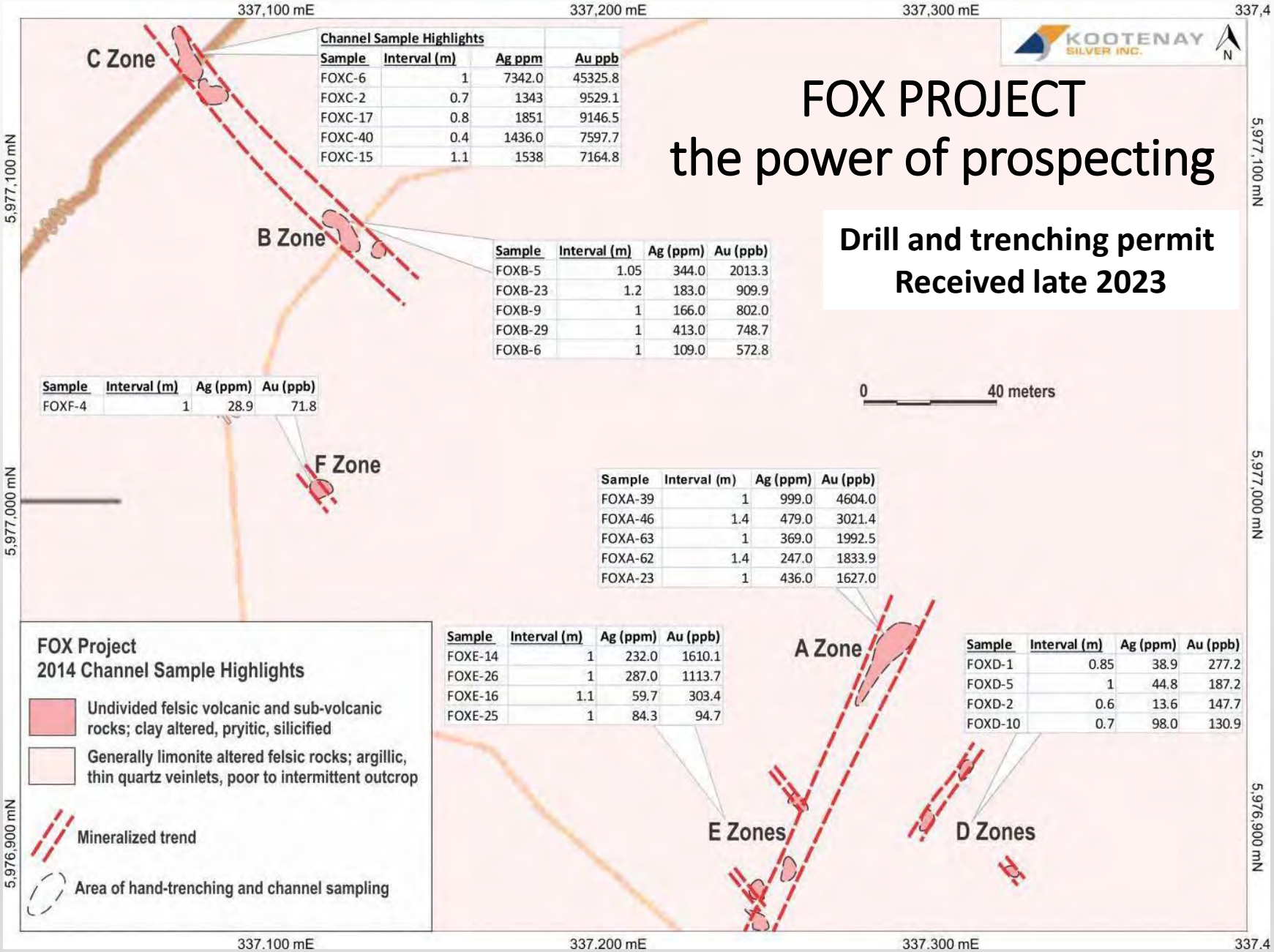
5.89 m @ 0.43 g/t Au
8.31 m @ 0.31 g/t Au
7.07 m @ 0.28 g/t Au, 62.9 g/t Ag

Hidden Hand & Shochu Veins:

Additional structures with expansion potential

FOX PROJECT
the power of prospecting

Drill and trenching permit Received late 2023



Channel Sample Highlights

Sample	Interval (m)	Ag ppm	Au ppb
FOXC-6	1	7342.0	45325.8
FOXC-2	0.7	1343	9529.1
FOXC-17	0.8	1851	9146.5
FOXC-40	0.4	1436.0	7597.7
FOXC-15	1.1	1538	7164.8

Sample	Interval (m)	Ag (ppm)	Au (ppb)
FOXB-5	1.05	344.0	2013.3
FOXB-23	1.2	183.0	909.9
FOXB-9	1	166.0	802.0
FOXB-29	1	413.0	748.7
FOXB-6	1	109.0	572.8

Sample	Interval (m)	Ag (ppm)	Au (ppb)
FOXF-4	1	28.9	71.8

Sample	Interval (m)	Ag (ppm)	Au (ppb)
FOXA-39	1	999.0	4604.0
FOXA-46	1.4	479.0	3021.4
FOXA-63	1	369.0	1992.5
FOXA-62	1.4	247.0	1833.9
FOXA-23	1	436.0	1627.0

Sample	Interval (m)	Ag (ppm)	Au (ppb)
FOXE-14	1	232.0	1610.1
FOXE-26	1	287.0	1113.7
FOXE-16	1.1	59.7	303.4
FOXE-25	1	84.3	94.7

Sample	Interval (m)	Ag (ppm)	Au (ppb)
FOXD-1	0.85	38.9	277.2
FOXD-5	1	44.8	187.2
FOXD-2	0.6	13.6	147.7
FOXD-10	0.7	98.0	130.9

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Thank You

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