



JAYCEE TIN PRESENTATION

MARK FEKETE, P.GEO.

MARTY HUBER, P.GEO.

DECEMBER 2021

CONTACT:

+1 819 354 5244

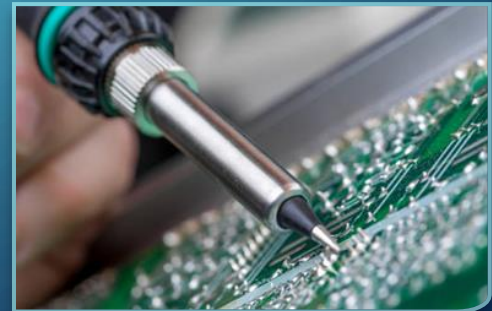
mark@breakawayx.com

TIN FUNDAMENTALS

- Current demand ~360,000 tonnes per year
- Growing demand for “Clean Tin” - not funding conflict, not exploiting child labour, low environmental impact
- 75% of mined production in Asia (China, Myanmar, Indonesia)
- No primary tin production in Europe or North America
- “Critical Mineral” designation - USA
- Essential to high-tech, low carbon economy - the “glue” in electronics

TRADITIONAL APPLICATIONS

- Solders & alloys
- Tin chemicals for conductive & fire retardant coatings, glass making reducing agents, dyes, ceramics, gas sensors etc.
- Tin plate - anti-corrosion coatings on other metals (cans, sheet metal etc.)
- Lead-Acid Batteries



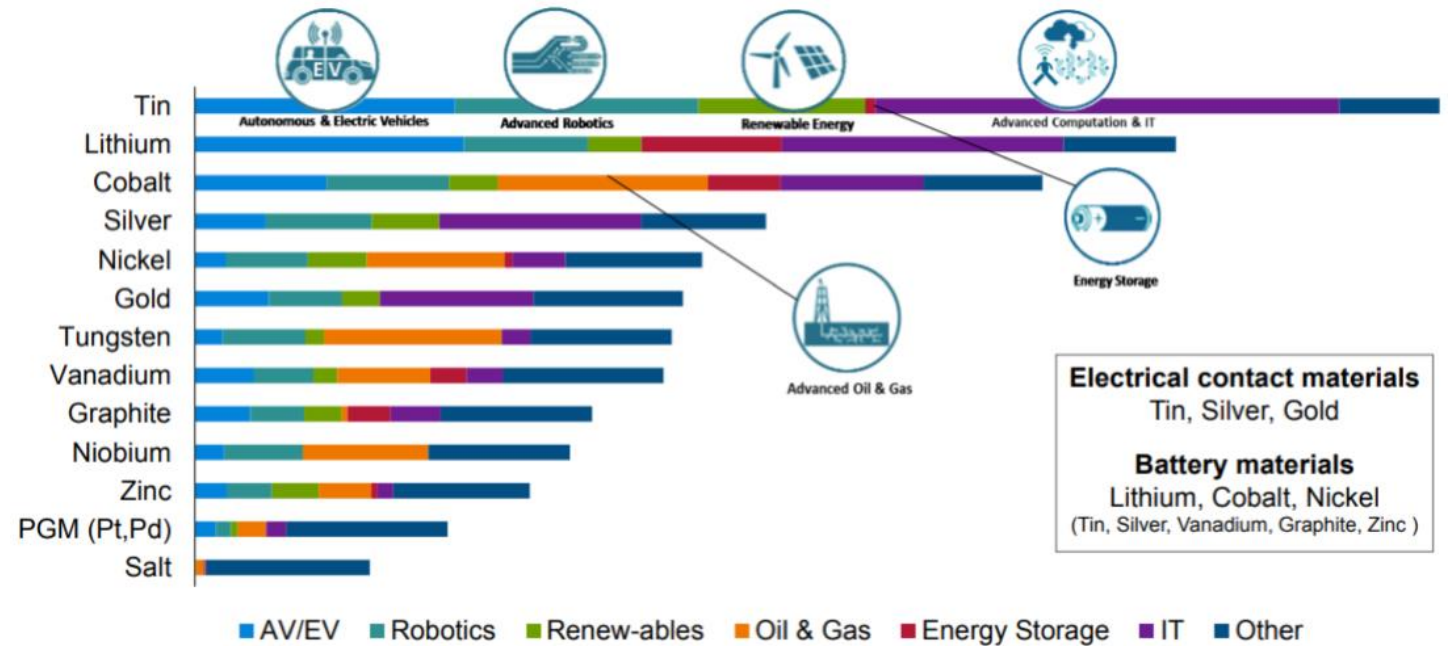
EMERGING APPLICATIONS

- Electronic Green Technologies
- Lithium Ion Batteries - performance
- Post Lithium Ion - Na, K, Mg
- Solar PV - Tin Perovskite
- Catalyst - redox flow batteries & carbon capture
- Fuel Cells & Hydrogen generation



TIN PROJECTED TO BE METAL MOST IMPACTED BY NEW TECHNOLOGIES

- Electronics
- Batteries
- Robotics
- Solar panels
- Energy storage
- Electric vehicles



TIN Price

32,475.00 -142.00 (-0.44%)

08:25:00 AM EDT 2/17/2025 MI Indication

Start Trading

Add to watchlist

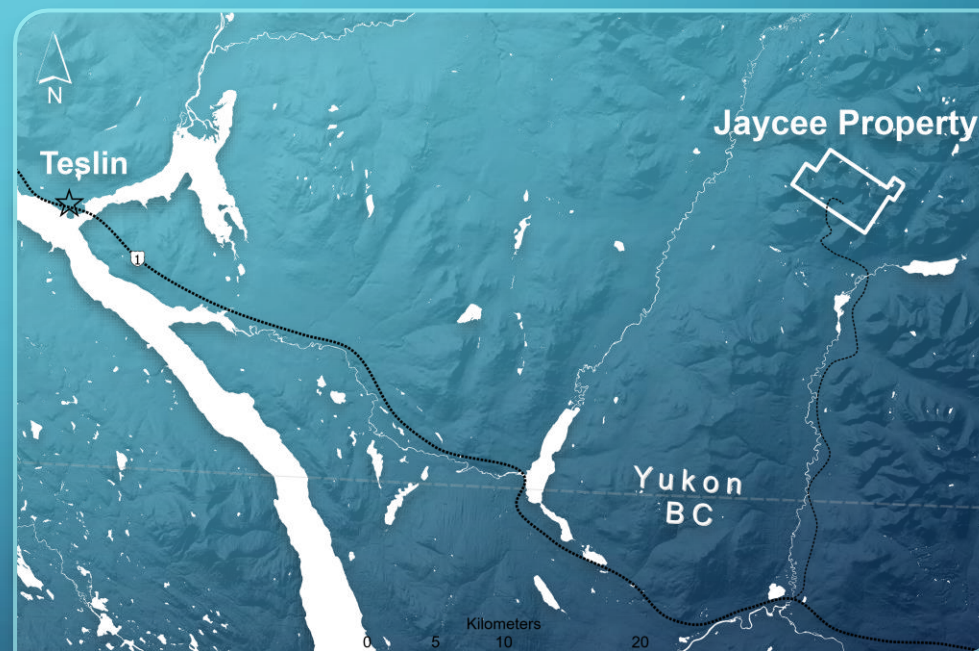


CLASSIC COMMODITY SQUEEZE

- Price up 21.3%¹
- Three-years of global supply deficit
- LME tin stocks are nearly depleted
- Limited supply from mining & recycling
- Increasing demand

JAYCEE TIN

- 60 km east of Teslin, Yukon, Canada
- 30 km north of Alaska Highway
- 109 mineral claims - 2,398 ha
- Previous work²
 - 49 drill holes, 5,865.6 metres
 - JC Tin deposit - 1.25M tonnes @ 0.54% Sn (historical)²

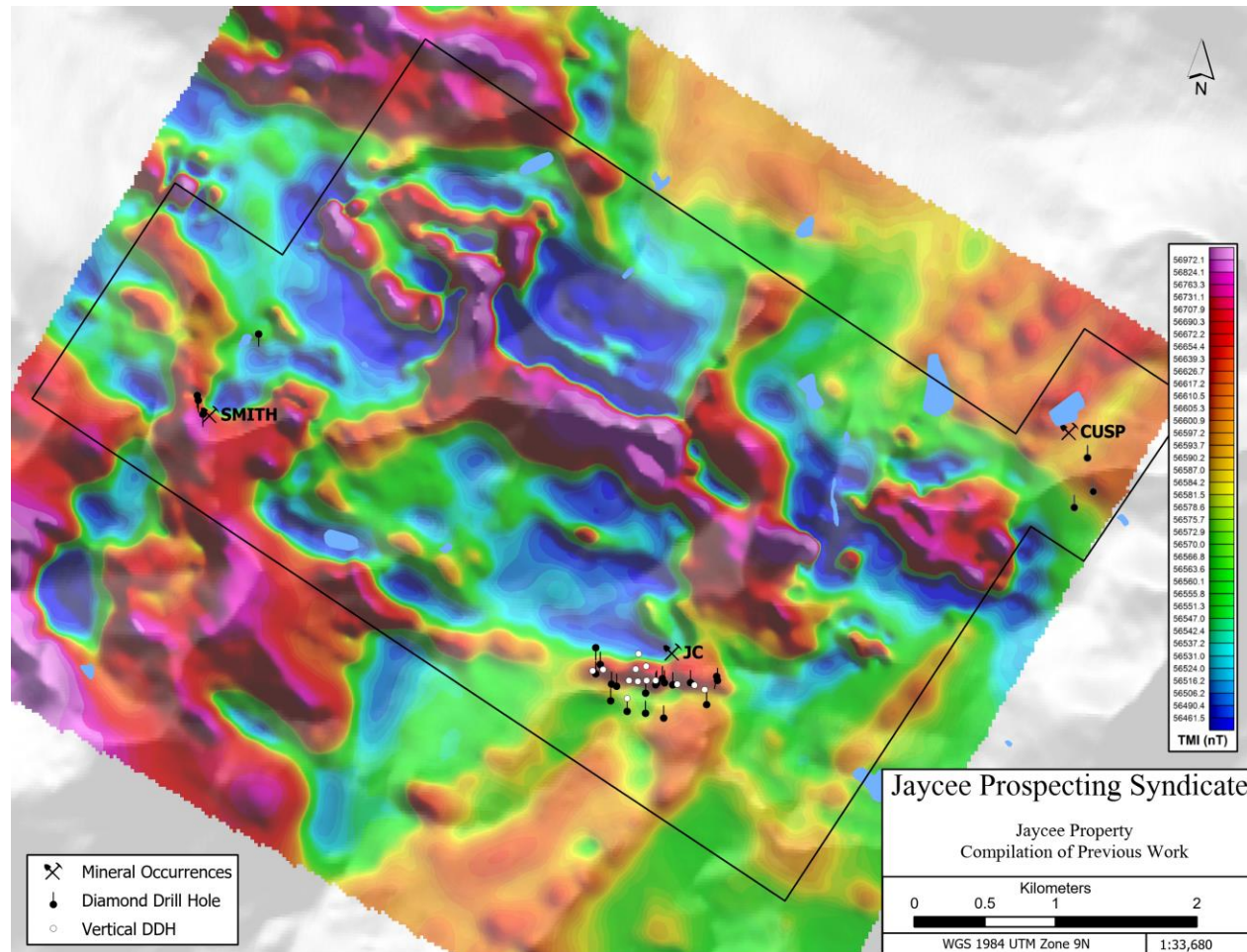


CURRENT WORK

- Acquired in 2018 by staking
- 2018 - Airborne survey
- 2019 - Prospecting, rock & soil geochemistry at JC zone
- 2020 - Prospecting, rock & soil geochemistry at Smith area
- Total expenditures ~\$150,000



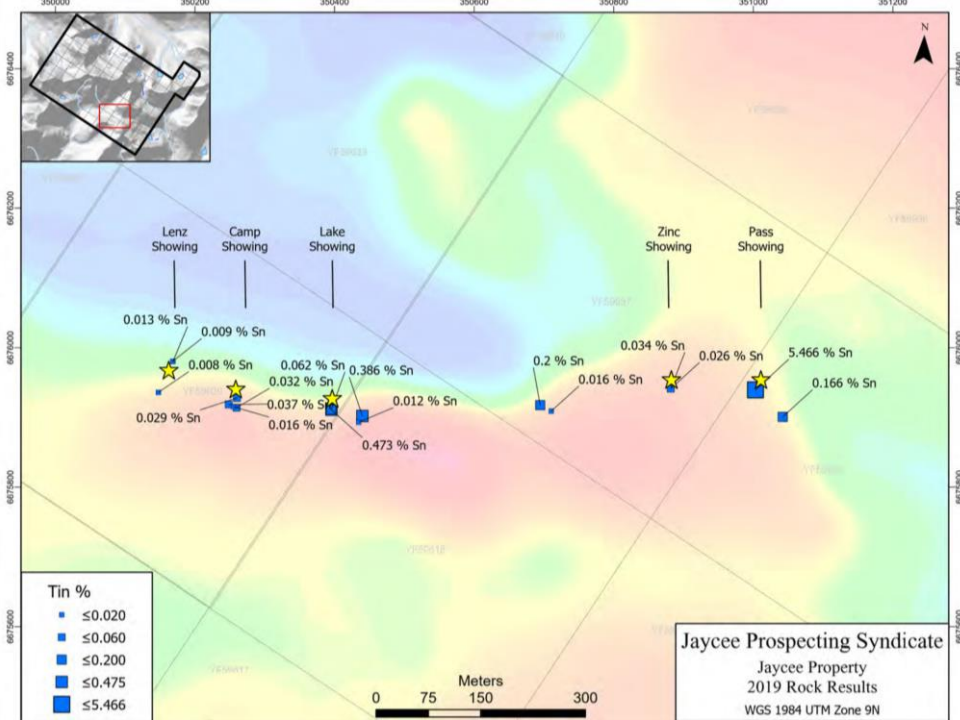
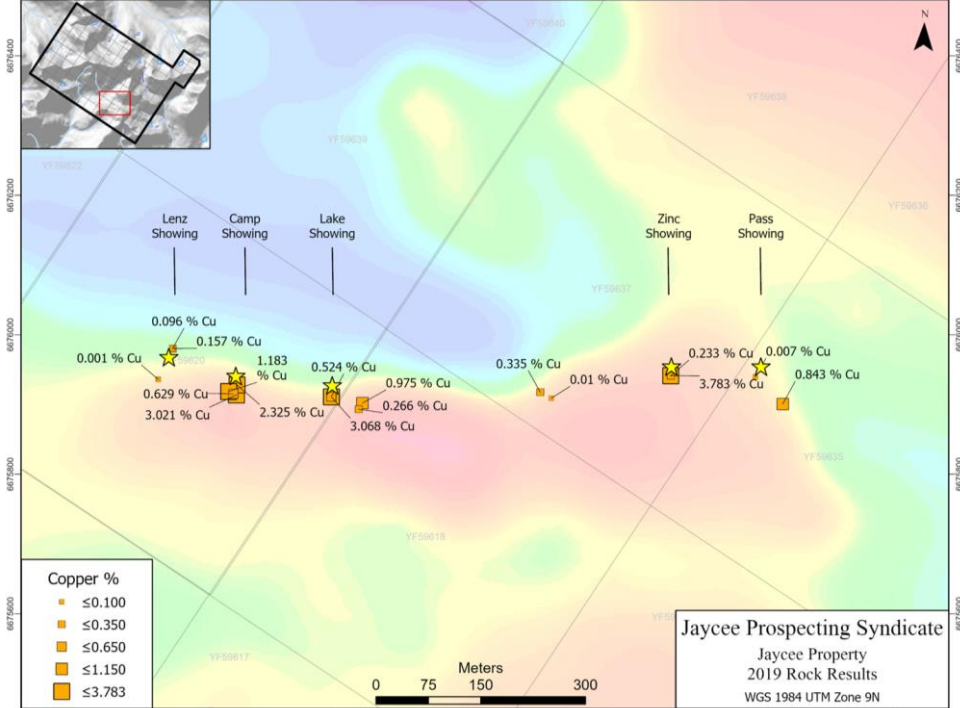
2018 AIRBORNE MAGNETICS³



- Linear magnetic highs correspond to historical soil geochemical trends
- Magnetic highs mark prospective “skarn horizons”
- JC zone, Smith & Cusp areas

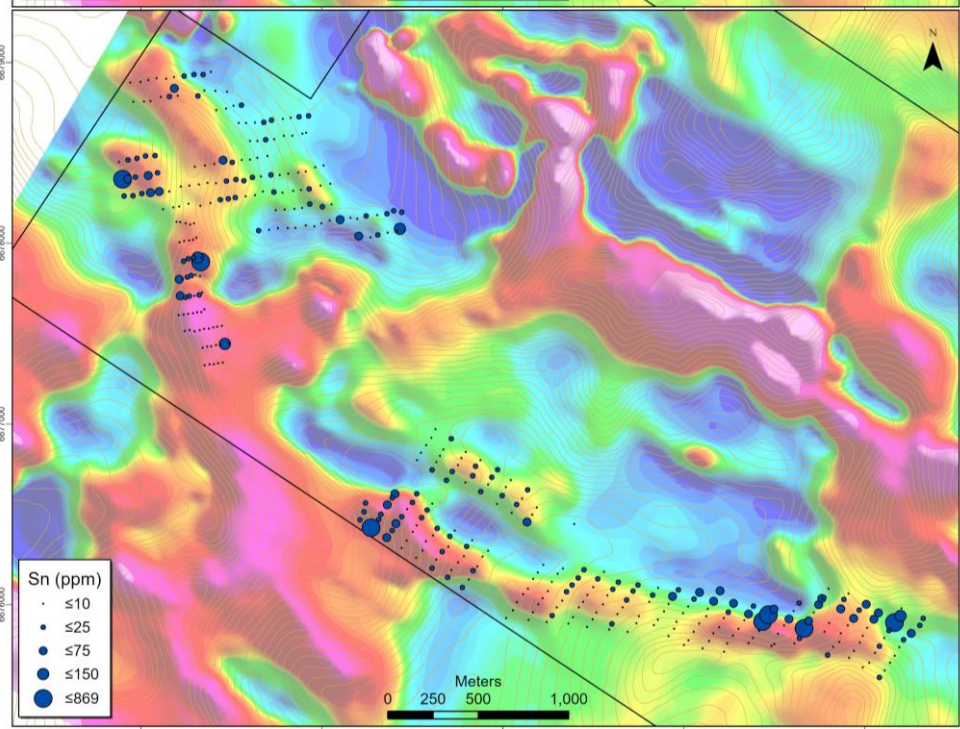
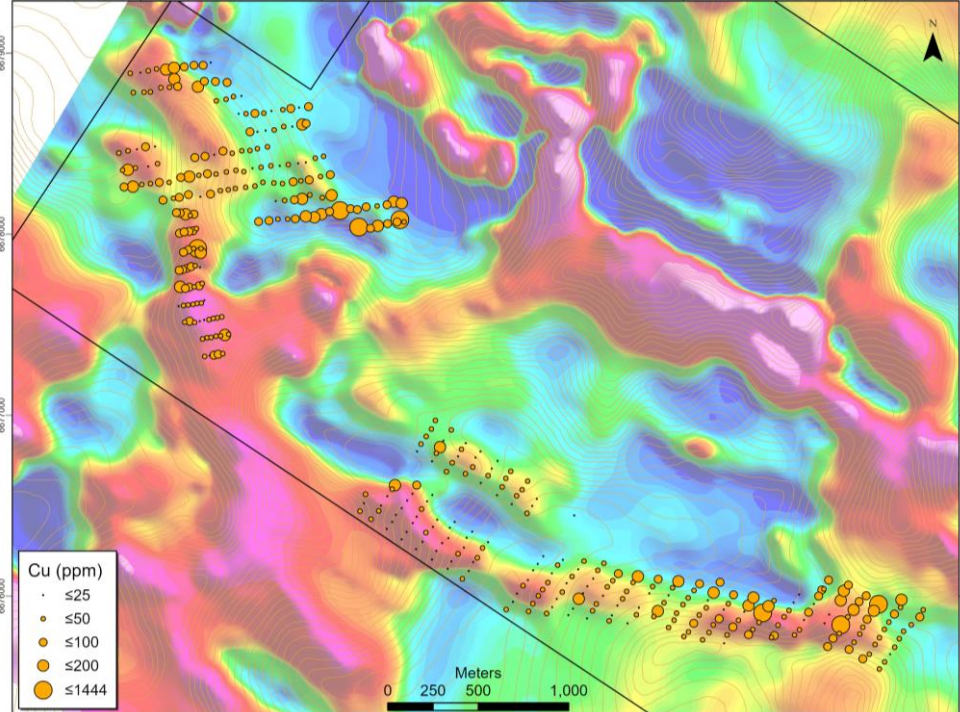
2019 RESULTS⁴

- 19 rock samples
 - 1 grab up to 5.47% Sn
 - 13 grabs > 10 to 147 gpt Ag
 - 5 grabs > 1.00 to 3.78% Cu
 - 4 grabs > 1.00 to 12.93% Zn
 - Four styles of mineralization
- 230 soil samples
 - 3,000 m long Sn, Ag, Cu, Zn trend coincident to north margin of magnetic high



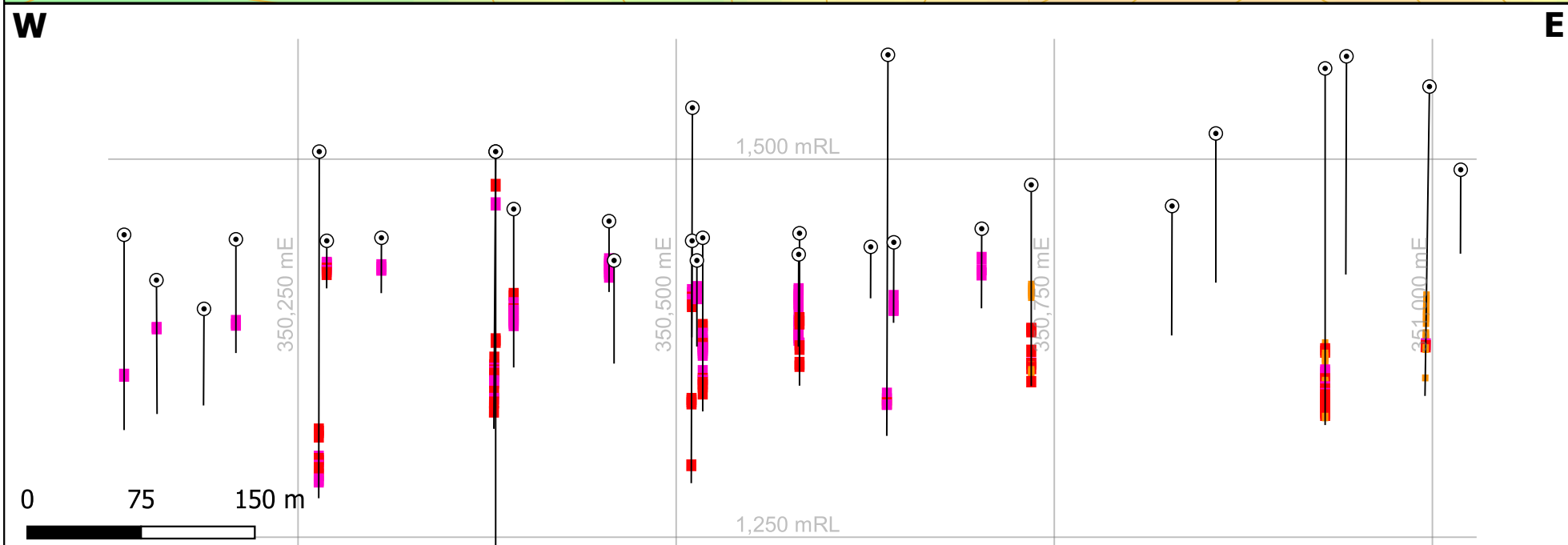
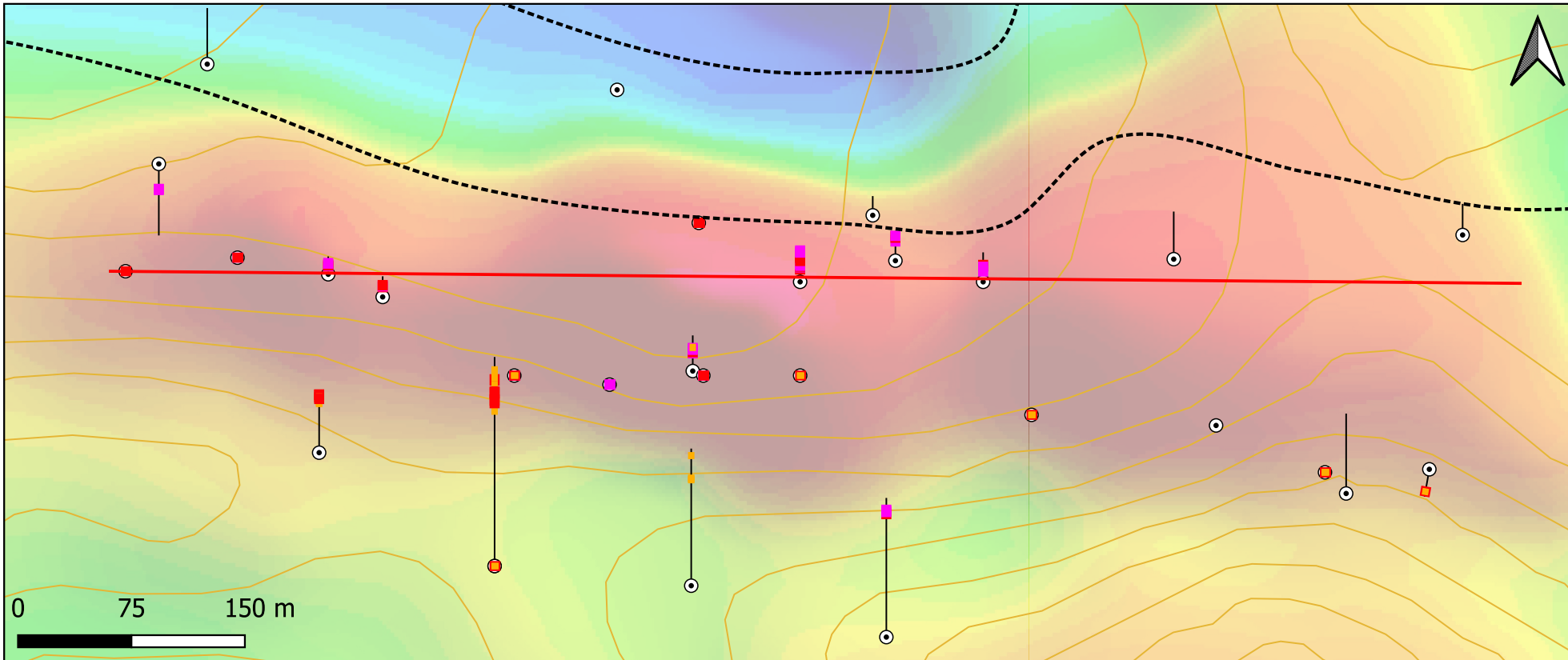
2020 RESULTS⁵

- Less explored Smith area (MC Ridge & Cirque Floor)
 - 28 rock samples
 - Sn up to 0.83%
 - Ag up to 73 gpt
 - Cu up to 0.48%
 - Zn up to 0.24%
- 193 soils Smith Area
 - Overall soil values for Sn, Ag, Cu, Zn higher in Smith area than JC zone



JC TIN DEPOSIT

- 1979 to 1982, DC drilled 36 holes (4,117.6 m)
- Historical JC, non-NI43-101 resource estimate of 1.25 Mt of 0.54% Sn, 0.30% Sn cut-off²
- Well zoned skarn replacement of carbonate horizon
 - traced 900 m on surface, 20 to 38 m thick in drilling
 - SE-trending, shallow dip to SW
 - magnetite, arsenopyrite & pyrite, \pm pyrrhotite, chalcopyrite & sphalerite
 - tin as fine-grained cassiterite \pm various sulphides in tremolite-rich zones



Historic Assay (Cu ppm)

- 50 - 200
- 200 - 1000
- 1000 - 7900

⊙ Drill Collars

— Section Plan

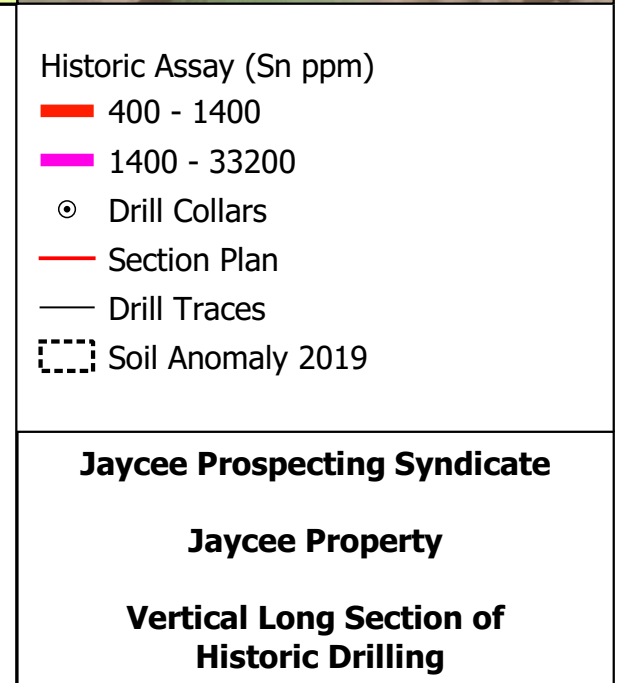
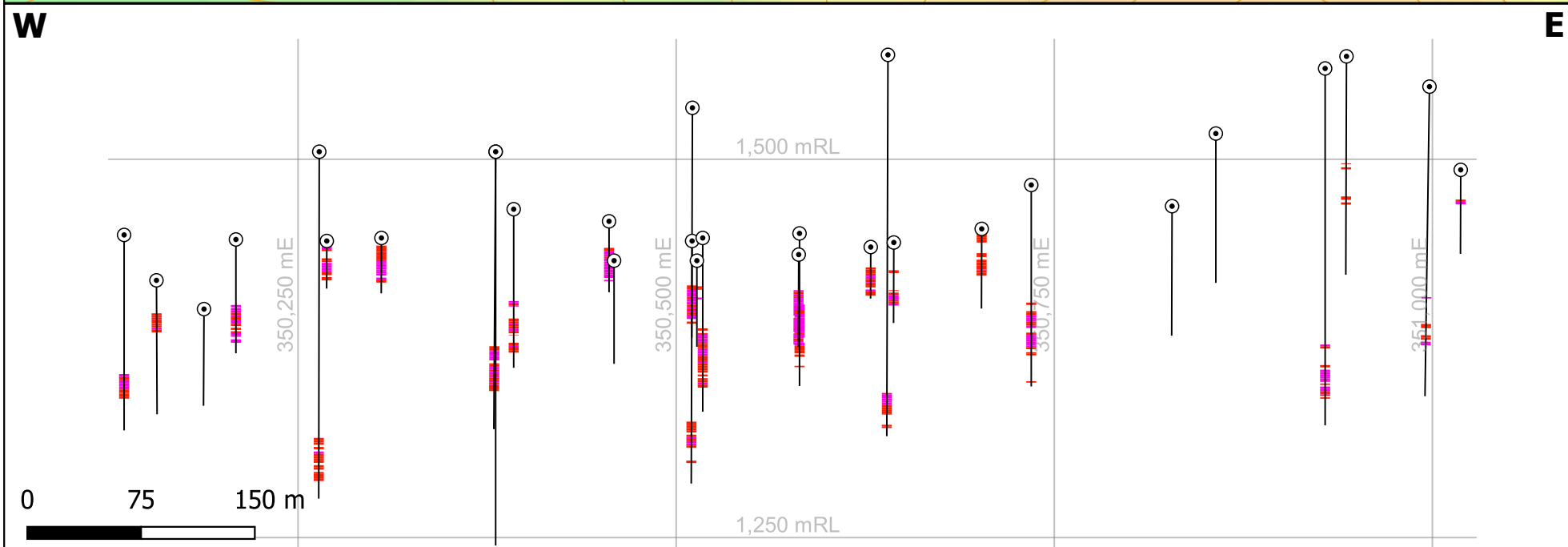
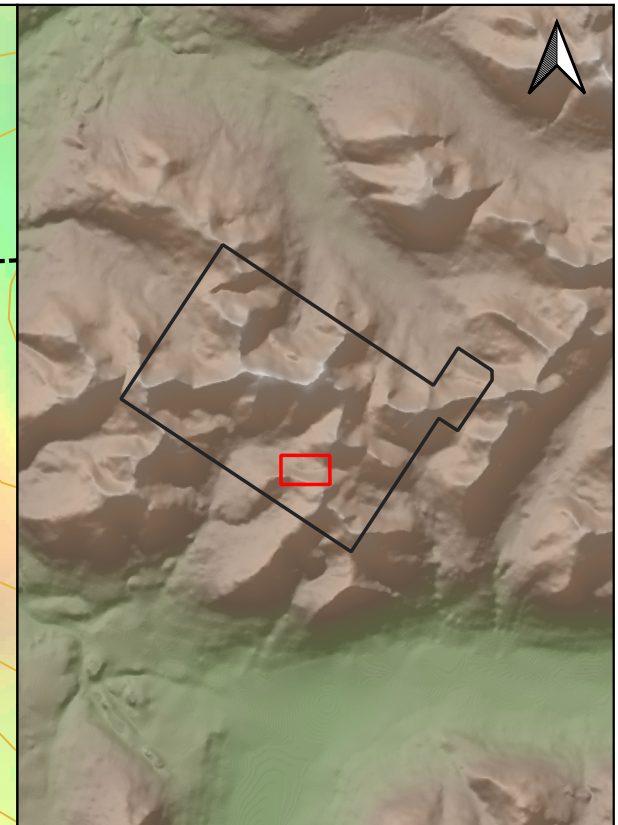
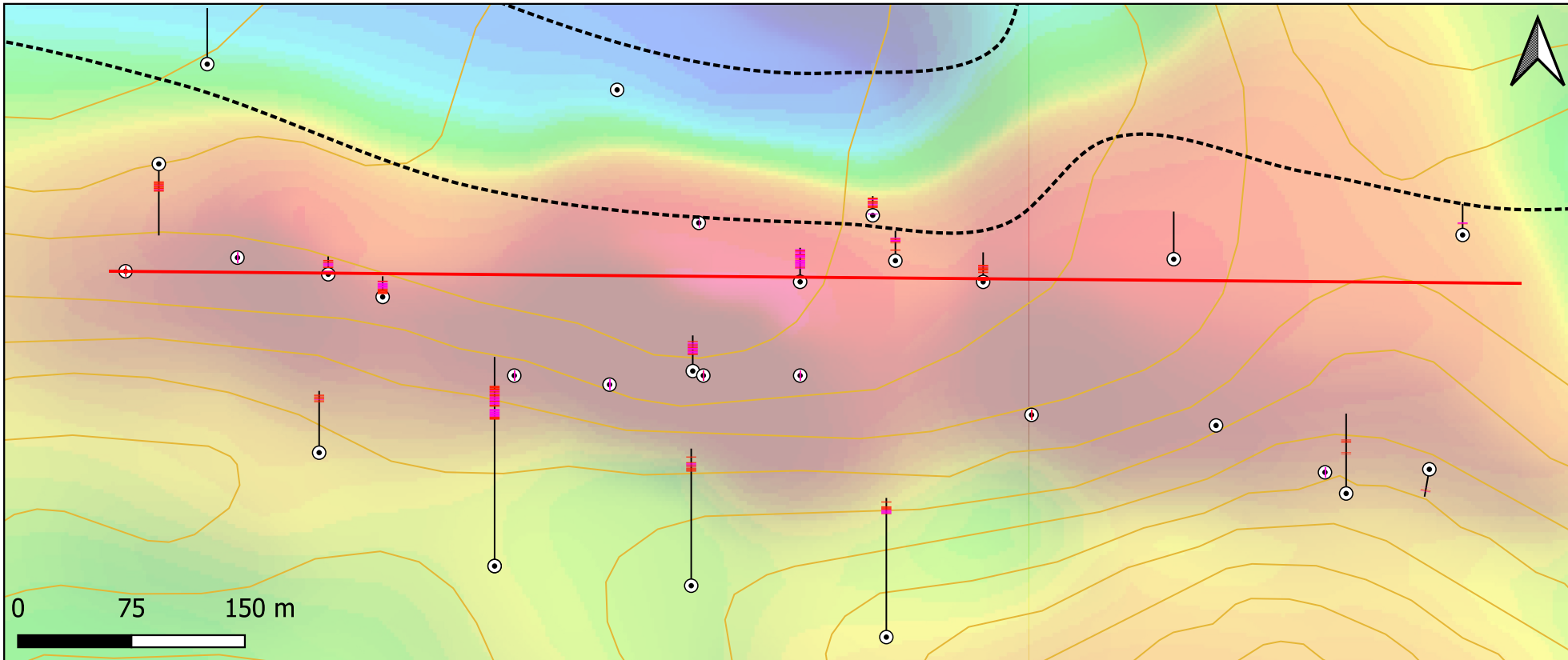
— Drill Traces

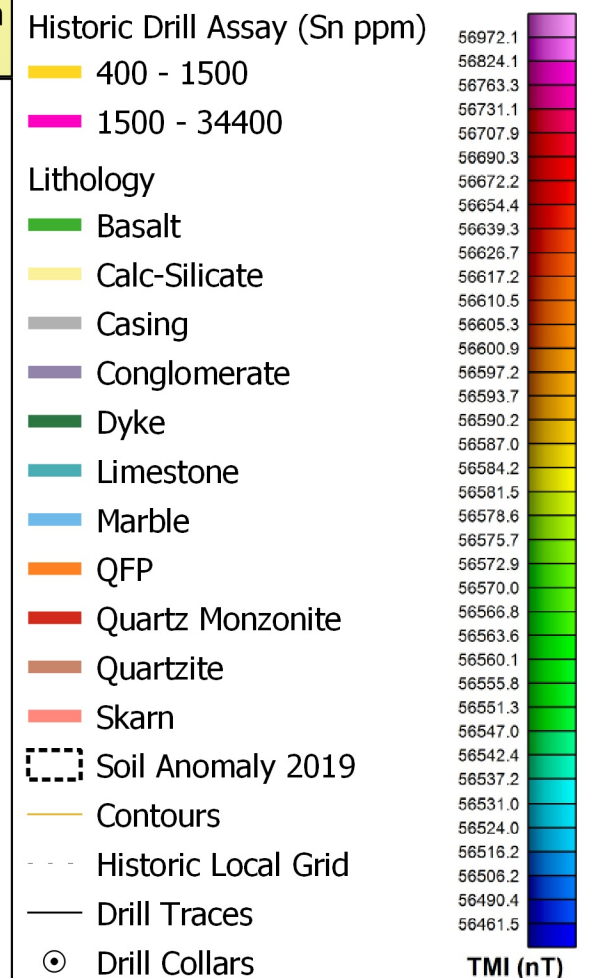
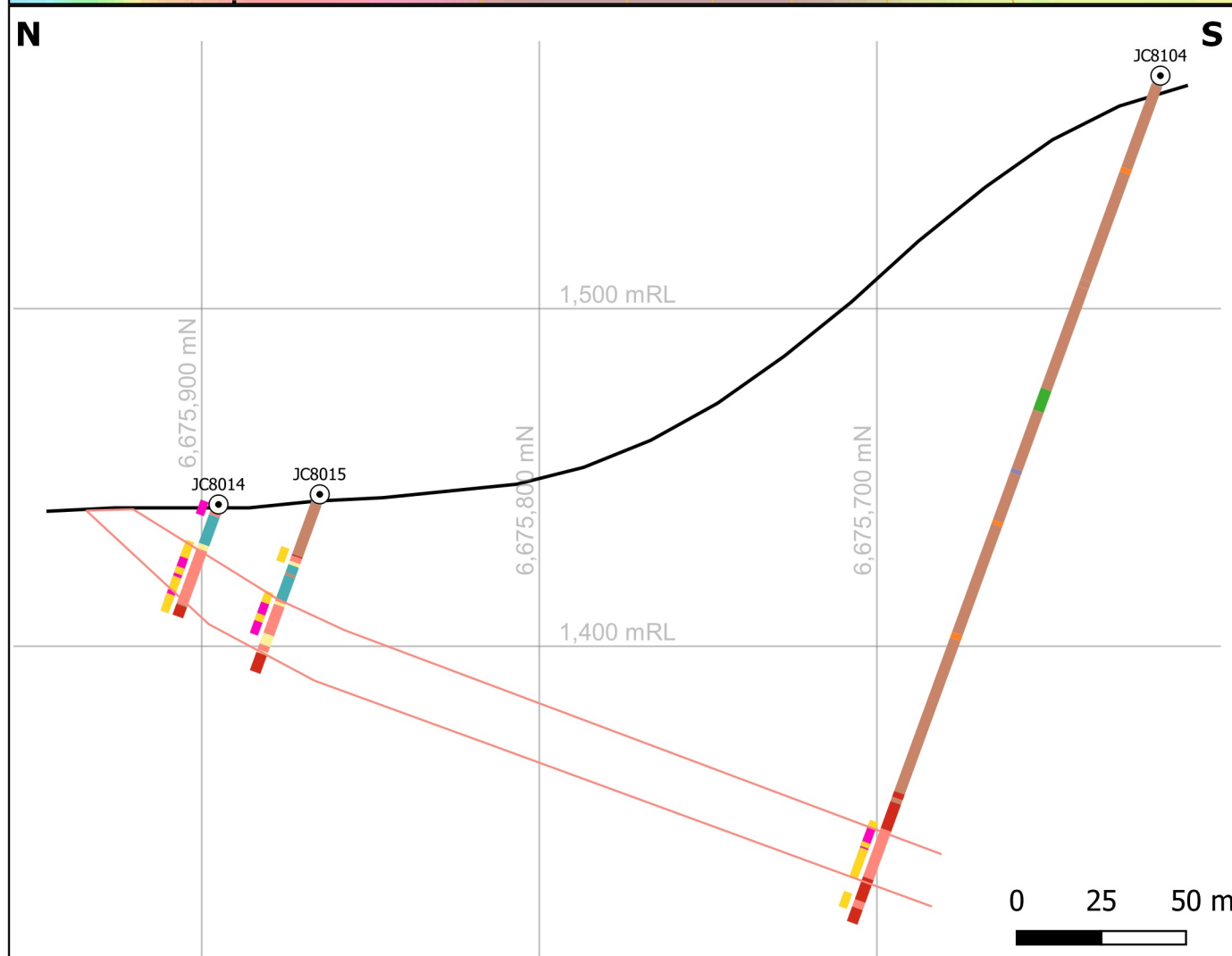
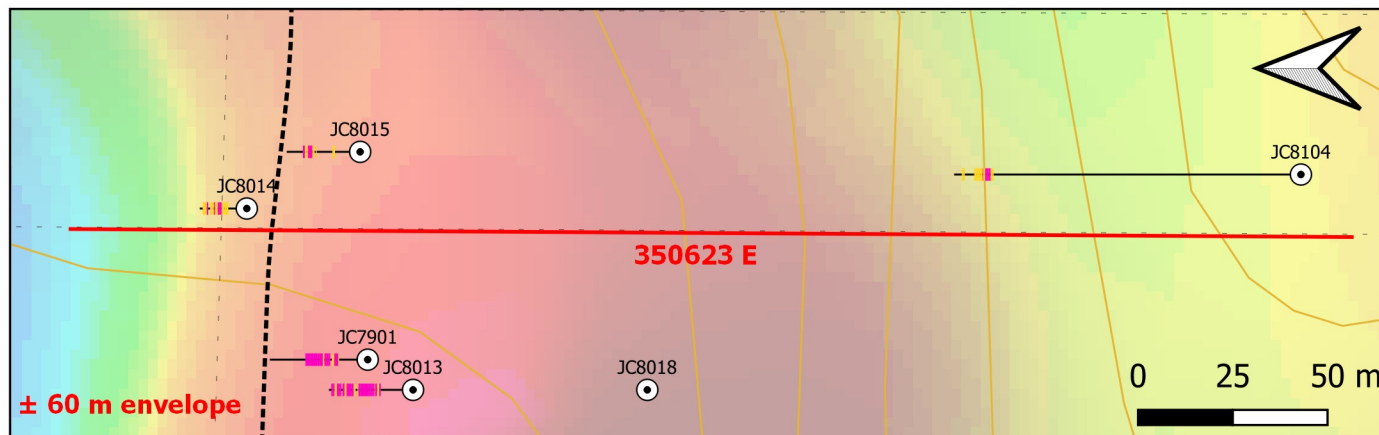
⋯ Soil Anomaly 2019

Jaycee Prospecting Syndicate

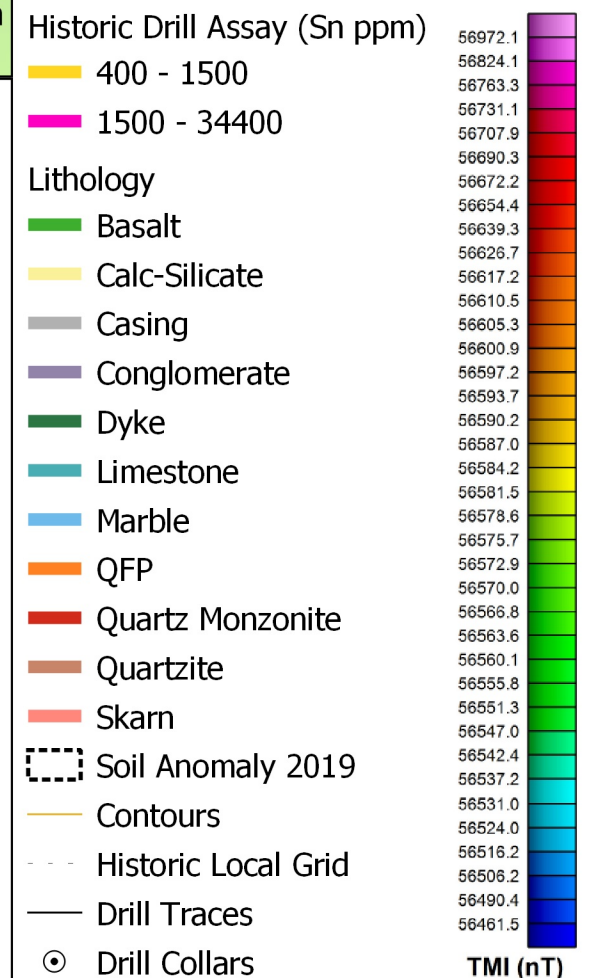
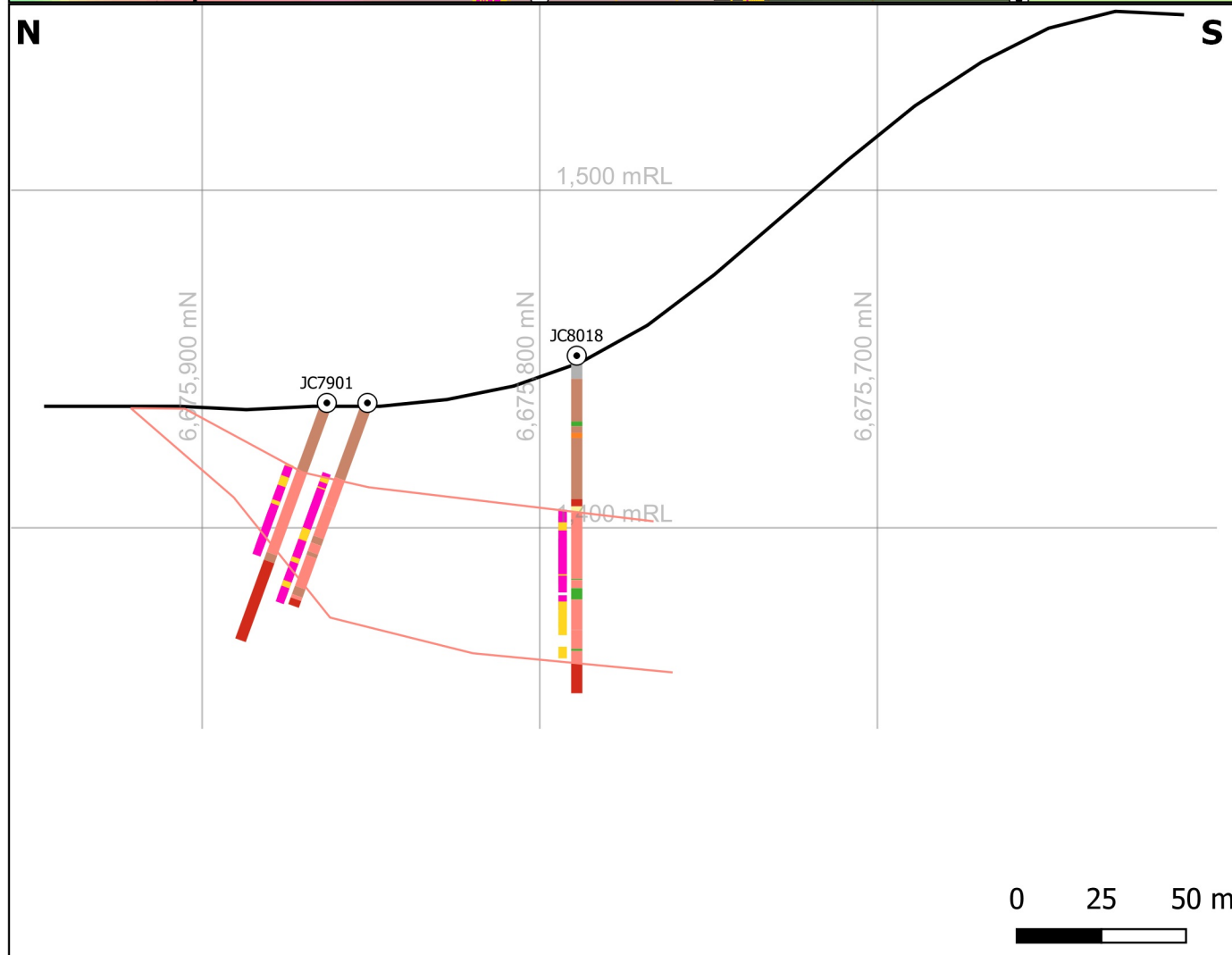
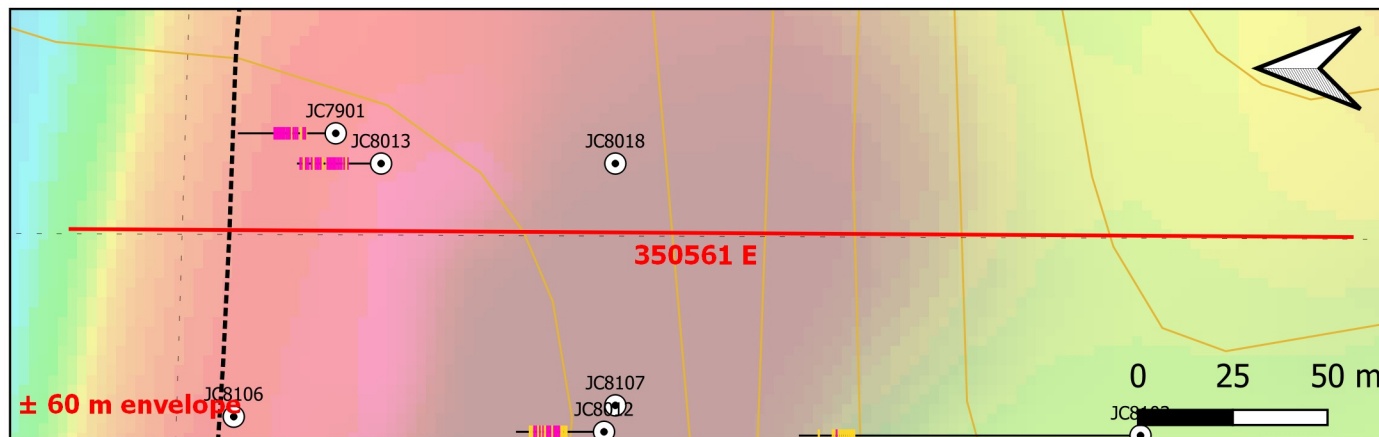
Jaycee Property

Vertical Long Section of Historic Drilling

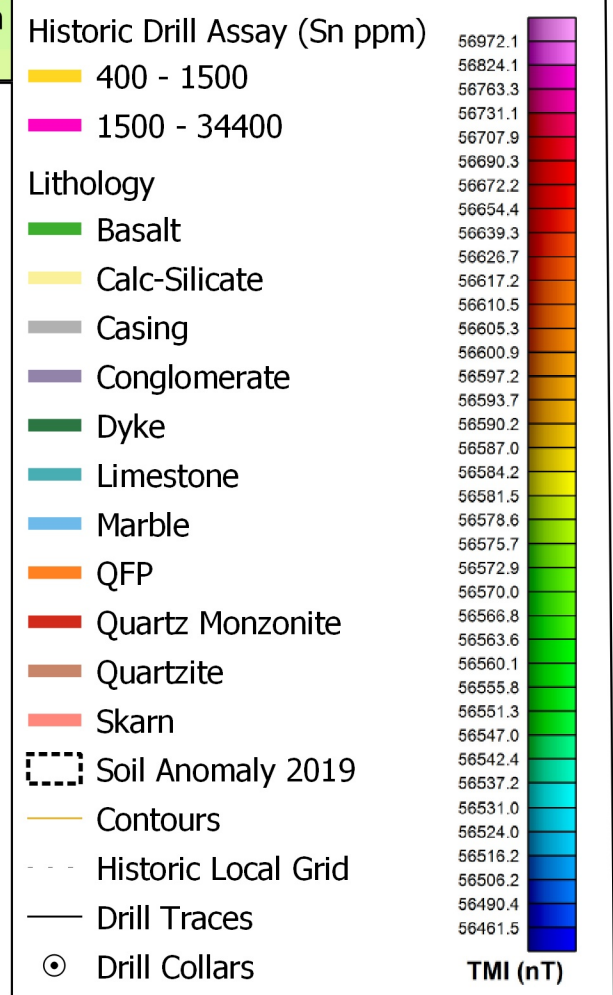
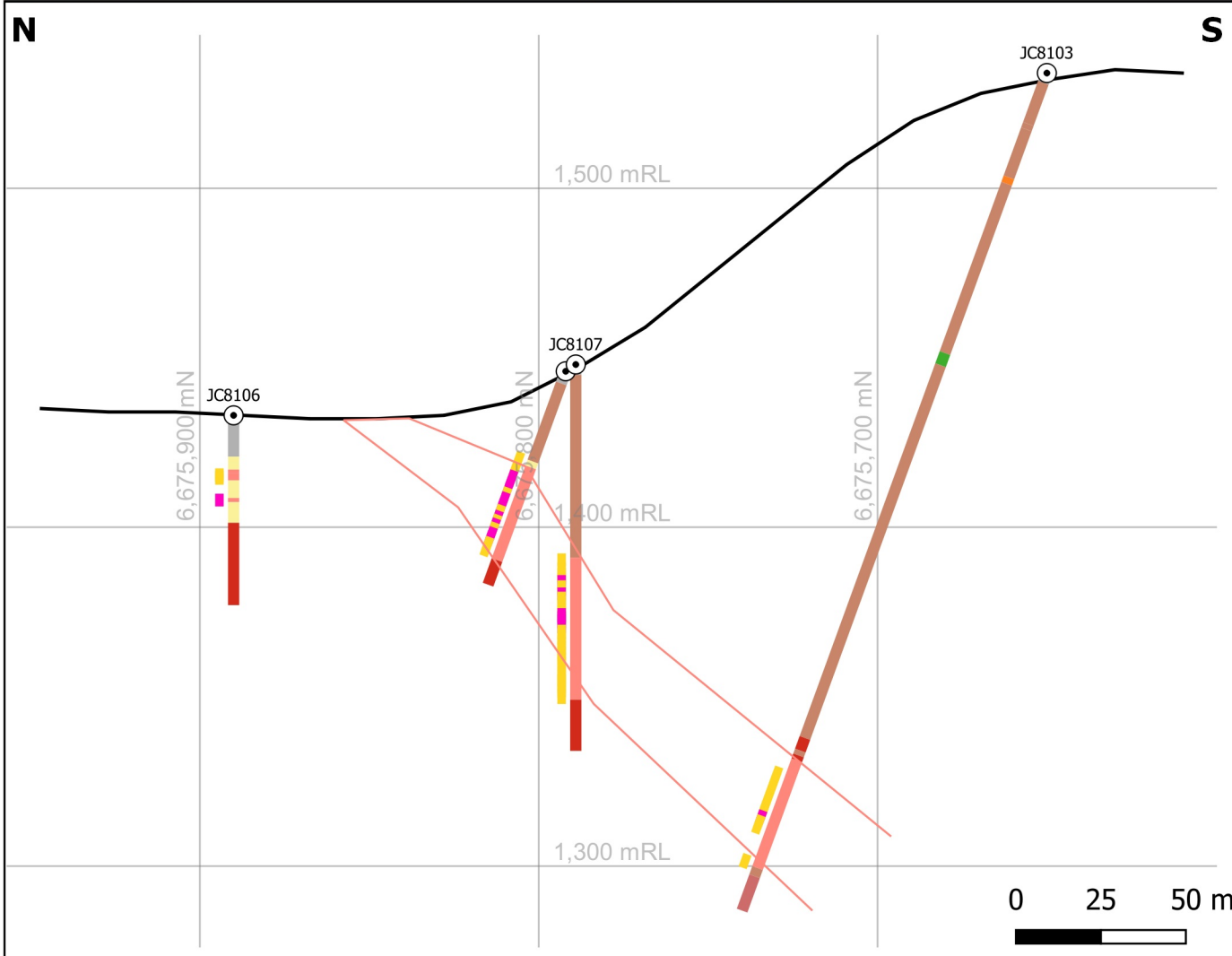
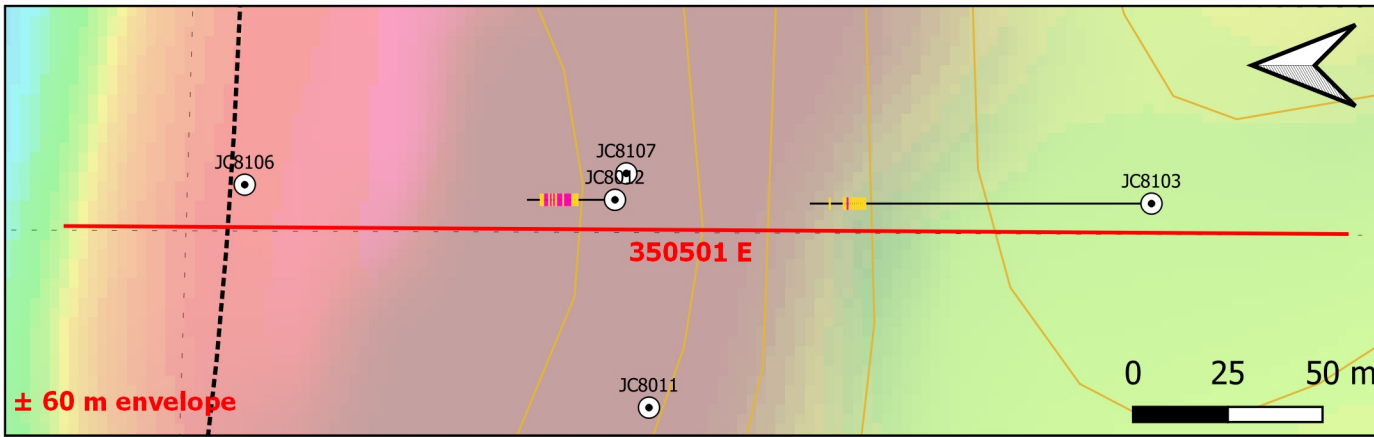




**Jaycee Prospecting Syndicate
Drill Corss-Section 350623 E**



**Jaycee Prospecting Syndicate
Drill Corss-Section 350561 E**



**Jaycee Prospecting Syndicate
Drill Corss-Section 350501 E**

SUMMARY

- Tin on Canada's critical minerals list
- Short supply & increasing demand
- Projects with tin resources are rare in North America; Jaycee one of two in Canada
- \$150,000 expenditures since acquisition
- Database - airborne geophysics, surface geochemistry & compiled previous work
- Prospective for tin, copper, zinc & silver
- Drill-ready with well-defined targets
- Eligible for up to \$50,000 YMEP grant

PROPOSAL

- Option to purchase 100% scheduled over four-year period for cash, shares & work expenditures
- NSR royalty on production
- Requires exemption for listing transaction
- NI43-101 technical report in preparation by independent QP
- Cost estimate for Phase 1 - \$500,000 includes surface work & initial drill program

SOURCES

1. LME (n.d.) www.lme.com
2. Layne, G.D. & Spooner, E.T.C. (1988a)
3. Fekete, M. & Huber, M. (2018)
4. Fekete, M. & Huber, M. (2020)
5. Fekete, M. & Huber, M. (2021)
6. International Tin Association (n.d.)
www.internationaltin.org