

# NEW BRENDA

Technical Presentation Harley Slade P.Geo July 2024

#### **Project History**

COLUMBIA Fort St J

ALBERTA

**<u>2017</u>**: Claims amalgamated to form the New Brenda project.

**2018**: Outcrop of altered intrusive rocks containing chalcopyrite sampled 0.67% Cu and 46.1ppm Ag.

**2021**: Aeromagnetic survey highlights a 2 km diameter ring centered near outcrop showing.

**2023**: 700 geochemical soil samples delineate two polymetallic anomalies (Cu, Ag, Mo). One within the magnetic target and the other extends into the eastern broad magnetic low.

**2024**: IP survey highlights two chargeable anomalies measuring 1000m and 1500m under identified geochemical and magnetic targets.

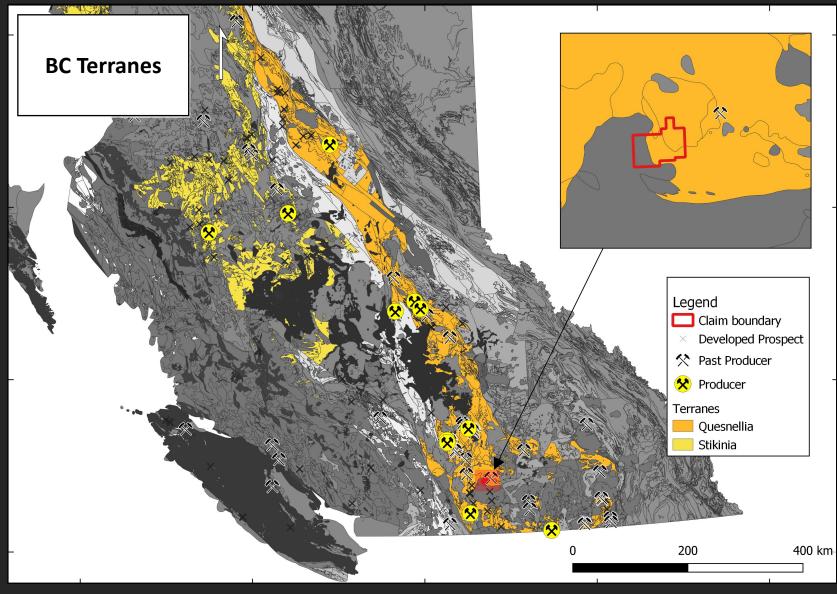




- Greenfield porphyry exploration project 12 km west of the past producing Brenda mine
- Located in the Quesnel terrane along the contact between Nicola group and Pennask intrusion
- Accessible from highway 97c by an extensive network of forestry service roads
- Strong evidence for a porphyry building with coincident geochemical, petrographic and geophysical signatures.

Resources and reserves on other projects are not a guarantee of exploration success

#### Context



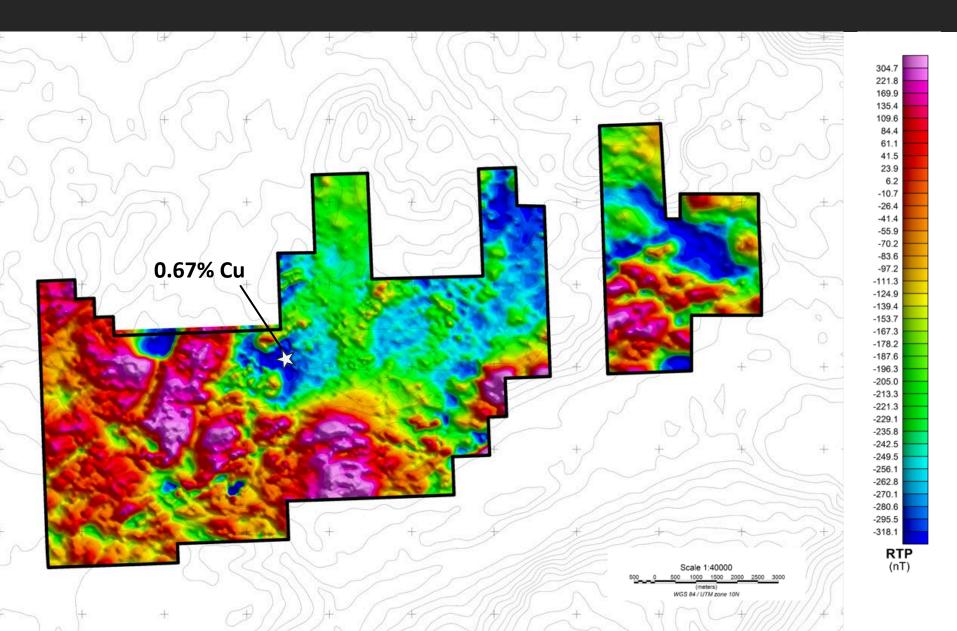
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# Mineralization

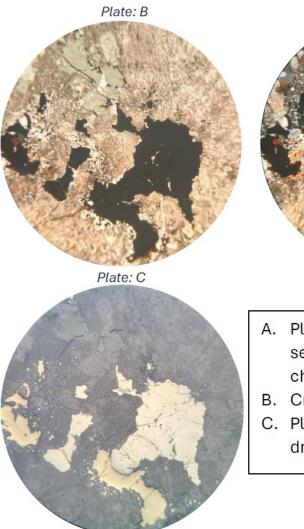


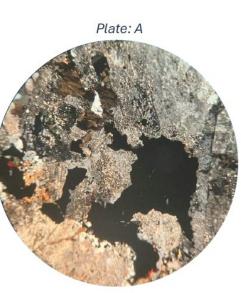
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### Magnetic Survey

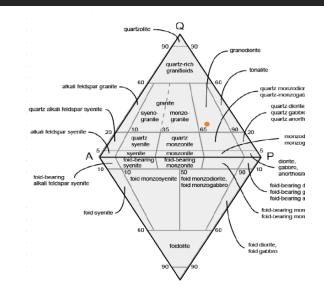


### Petrology





- A. Plane polarized light (Note sericite, carbonate and chlorite alteration)
- B. Crossed polarized light
- C. Plane reflected light (note droplets of CPY and PY)



#### Notable Textures:

- -Droplets/spattered sulphides (See plates)
- -Supergene enrichment of chalcopyrite to chalcocite
- -Poikilitic Quartz surrounding plagioclase and
- hornblende pseudomorphs

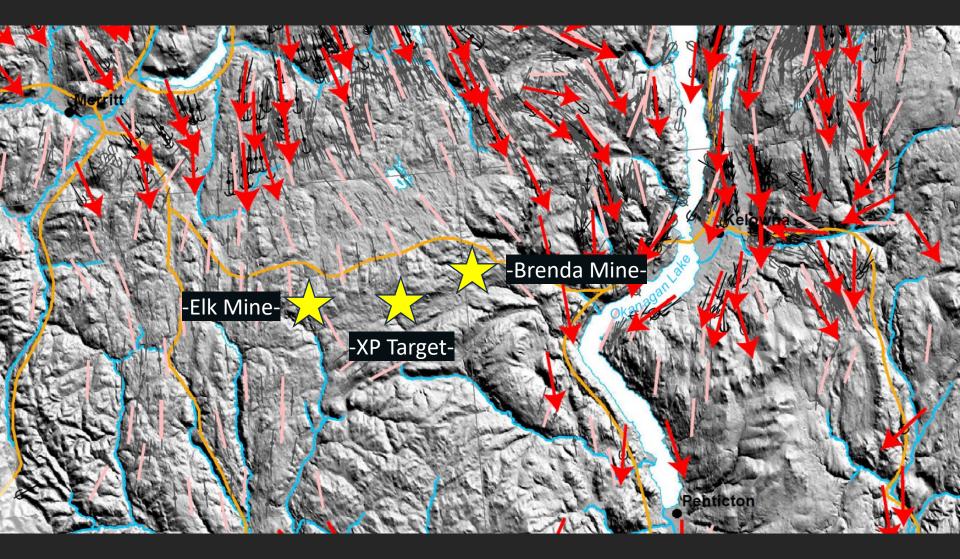
#### Alteration:

Pervasive Sericite, carbonate alteration. Significant chlorite overprinting.

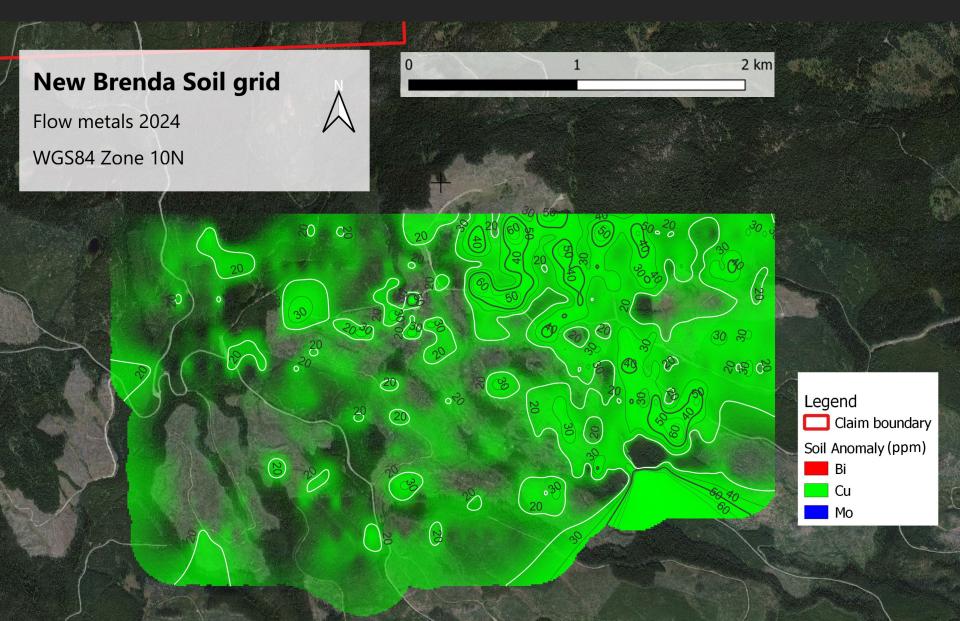
#### Rock Name:

Buff weathering-medium grey, medium grained biotite-chlorite after hornblende, xenolithic granodiorite.

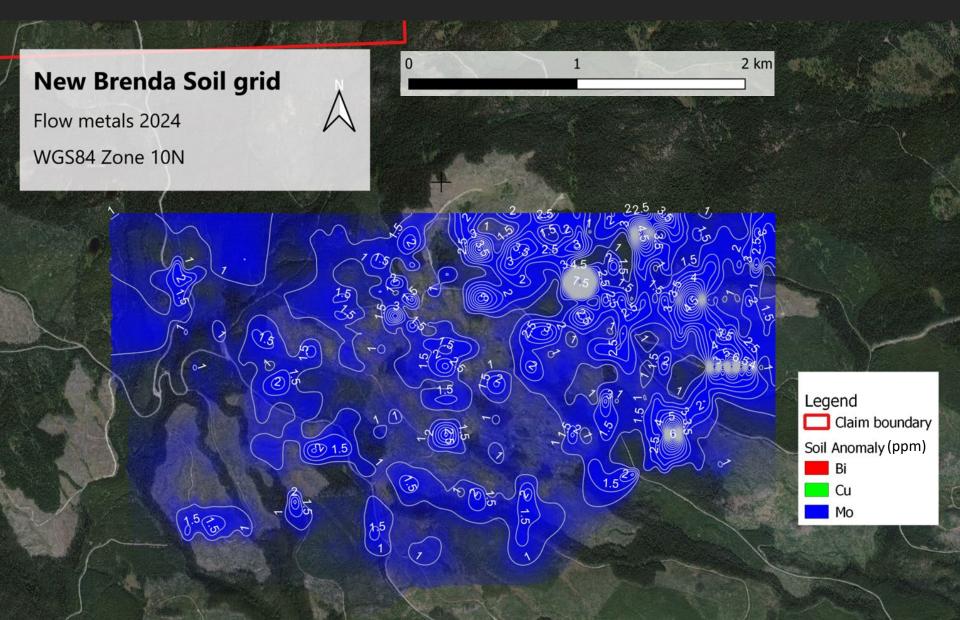




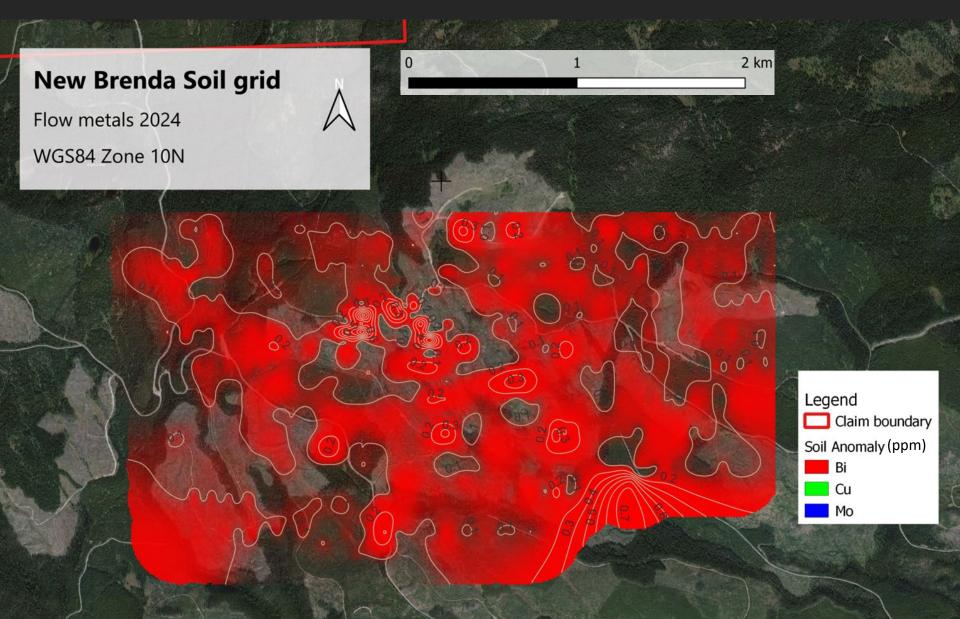
### **Soil Anomalies**



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# Soil Anomaly RGB Plot



Flow metals 2024 WGS84 Zone 10N

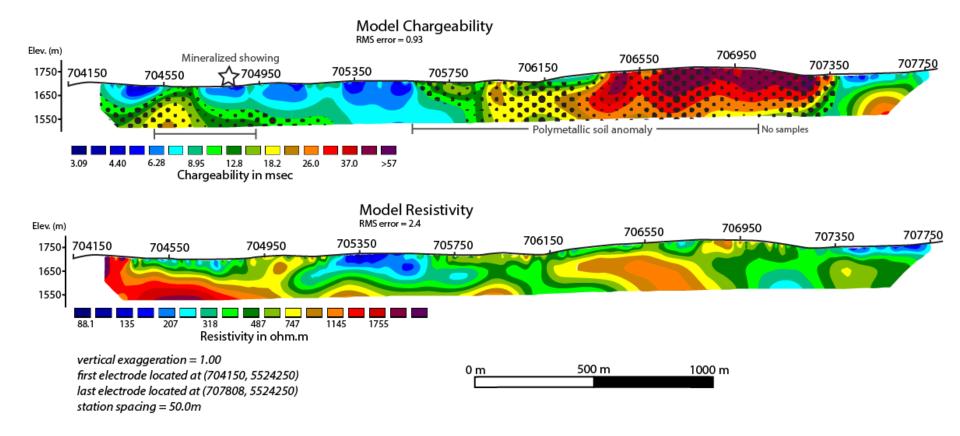
> Legend Claim boundary Soil Anomaly Bi Cu Cu Mo IP line Survey Chrg. anomaly

2 km

1

0

### Induced Polarization Survey - Inversion





- Raise funds through partnership or financing
- Expand soil sample grid to define north and south edge
- Detailed prospecting of high chargeability zone
- Parallel IP lines to create a 3D inversion
- Wider IP spacing over showing to analyze deeper
- Define drill targets and commence maiden drilling

#### Disclaimer

#### **Data Verification**

Detailed data verification statements are presented within the Company's press releases pertaining to the project and as posted on SEDAR+ and the Company's website.

#### **Qualified** Person

Robert Cameron, P.Geo is the qualified person for the company as defined in the National Instrument 43-101 and has reviewed the technical information in the is presentation. The presentation was prepared by Harley Slade, P.Geo, a director of the company and the project manager.

#### Acknowledgement



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