

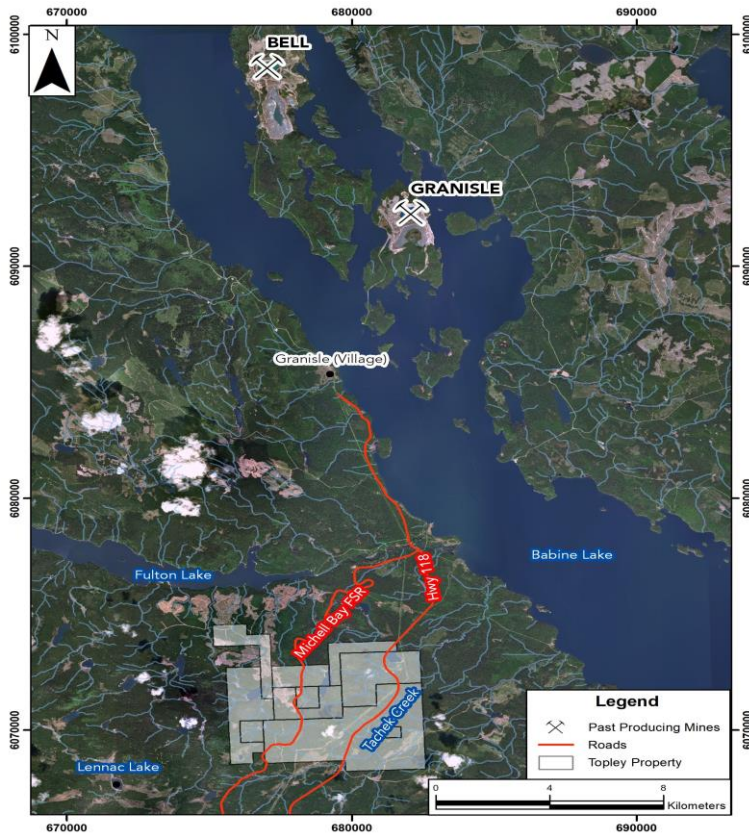
# BUILDING SHAREHOLDER VALUE

THROUGH THE ACQUISITION OF PROJECTS WITH SIGNIFICANT TECHNICAL MERIT

CORPORATE OVERVIEW | WINTER 2024

## INVESTMENT HIGHLIGHTS

- On Trend with NAK copper discovery and Bell and Granisle mines
- Highly experienced management with record of deposit discovery
- Tight capital structure < 24 million shares outstanding
- Modern geochemistry\* has identified high priority Cu/Ag exploration target areas and a kilometer-scale VMS target area
- 10 mining claims totaling 3,415 hectares, 50 years + of exploration data
- Copper Property in exploration friendly British Columbia, Road Accessible, BC Hydro on the property, Cost effective to explore, and mine, 40 km to rail line to deep water port for shipping
- Attractive Valuation
- Geologica has engaged with indigenous bands to initiate a mutually acceptable development path



## TOPLEY COPPER PROPERTY

Geologica Resources' Topley Copper Project is located in the Babine Porphyry Mining Belt of Central B.C.

Historical work has identified a mineralized Cu-Mo prospect in the eastern portion of the claims - one of the few areas containing outcrop. Rock samples also contain up to **6.84 g/t Au**.

Recent work by Geologica, consisting of a re-interpretation of detailed magnetics and SGH sampling throughout the Property, has advanced targets within the western portion of the claims. Float from 56 deep backhoe pits indicate hydrothermally altered **biotite feldspar porphyry stock**. The Topley copper property is on trend with the past producing Bell and Granisle mines and the recent NAK Cu discovery. **2023 Drill core from NAK assayed at 1.09% Cu equivalent over more than 300 metres.**



GRCM	862
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CSE	Frankfurt
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## Directors and Management

Doug Unwin BSc., MBA	President & CEO
Rob Charlton CA-CPA	Director, CFO
Keenan Hohol MA, JD	Director
Andy Saltis P.Eng..	Director
David Mark P.Geo	Director
Robert McKinght P.Eng	Advisor
Robert Boyd, P.Geo, FGA	Advisor

## Key Financials (March 2024) (CAD)

Shares Issued	24,131,203
Options & Warrants	3,763,700
Fully Diluted	27,894,903
Market Capitalization	~\$976,321

## Share price performance



## Contact

[WWW.GEOLOGICARESOURCE.COM](http://WWW.GEOLOGICARESOURCE.COM)

Doug Unwin (604) 762-5355  
doug.unwin@geologicaresource.com

**PREVIOUSLY ANNOUNCED FINANCING**

Geologica has announced a unit financing of 4,000,000 units for a total of \$200,000. This may be expanded to \$250,000. Each unit consists of a share and a whole warrant. Each warrant may be exercised for \$0.08 to purchase 1 share for a period of 2 years.

	Common Shares	Options	Warrants	Fully Diluted
Current	24,131,203	2,175,000	1,588,700	27,894,903
New	5,000,000	Nil	5,000,000	10,000,000
Total	29,131,203	2,175,000	6,588,700	37,894,903

**GEOLOGY**

The Topley copper Property is situated within the Babine Porphyry Belt – an area recognized for its porphyry copper ± molybdenum ± gold ± silver potential. The belt includes the Bell and Granisle past-producing mines; the NAK, Morrison, Hearne Hill, Dorothy, Trail Peak, Sat, and Lennac Lake developed prospects; and several smaller porphyry showings. **The Babine Porphyry Belt continues to attract investment from major mining companies.** Boliden Minerals and Teck Resources have recently invested in nearby projects. In November 2022, Boliden entered into an agreement with Amarc’s Duke property to fund \$90 million in exploration and development, completing a \$10 million program in 2022-23 (Amarc Resources Ltd., 2023). Teck Resources maintains a 19.9% stake in American Eagle’s NAK copper- gold porphyry project (American Eagle Gold Corp., 2023).

**American Eagle Gold, just north of Topley recently released assay results from their 2023 drill program, one intercept had 1.09% Cu equivalent for over 300 metres.**

The property has attracted considerable interest from quality mining companies exploring for copper porphyry potential. In the 1960s-70s, Bethlehem Copper, Noranda, Taseko Mines, and Nittetsu explored the Topley claims. In the 1990s, HudBay shifted focus to investigate for Volcanogenic Massive Sulphide (VMS) deposits. From 2012-13, Riverside Resources, through an option agreement with Antofagasta, returned to exploring for copper porphyry targets.

Exploration in the western portion of the property has identified areas where chalcopyrite occurs locally as disseminations and in veins within volcanic and Topley granitic rocks. Copper bearing float was uncovered during the construction of a powerline through this region. Historical exploration programs conducted by Bethlehem Copper, HudBay, and Riverside/Antofagasta have led to recommendations for further exploration for **VMS and copper porphyry type occurrences.**

Spatiotemporal Geochemical Hydrocarbon (SGH) has identified 3 potential redox zones with corresponding SGH\_Au, SGH\_Cu, and SGH\_VMS anomalies in the western part of the claims. This area is a priority target due to its structural complexity, marked by two circular magnetic features (potential intrusions) and regional faults as outlined by Mira Geoscience (2012). The northern magnetic feature aligns with a VTEM anomaly and a 2012 top-of-bedrock RC hole that intersected kspar intrusive rock. Near the southern magnetic feature, float collected from 56 deep backhoe pits indicate the presence of a buried, hydrothermally altered **biotite feldspar porphyry stock** (British Columbia Ministry of Mines and Petroleum Resources, 1975, p. E 140).

Furthermore, 500 meters to the north, intense hydrothermal alteration observed in HudBay’s LEN-004 diamond drill hole could be **attributed to a VMS system** (Dunning, 2000). Topley’s strategic location, coupled with access to existing infrastructure, substantially enhances its prospects, as a deposit with economic potential. With the advancements in mineral exploration techniques since the historical work, there is now an enhanced ability to delineate targets beneath the layer of glacial till covering the claims.

