alphacopper

EXPLORING FOR CANADA'S NEXT BIG COPPER STRIKE

2024 CORPORATE PRESENTATION

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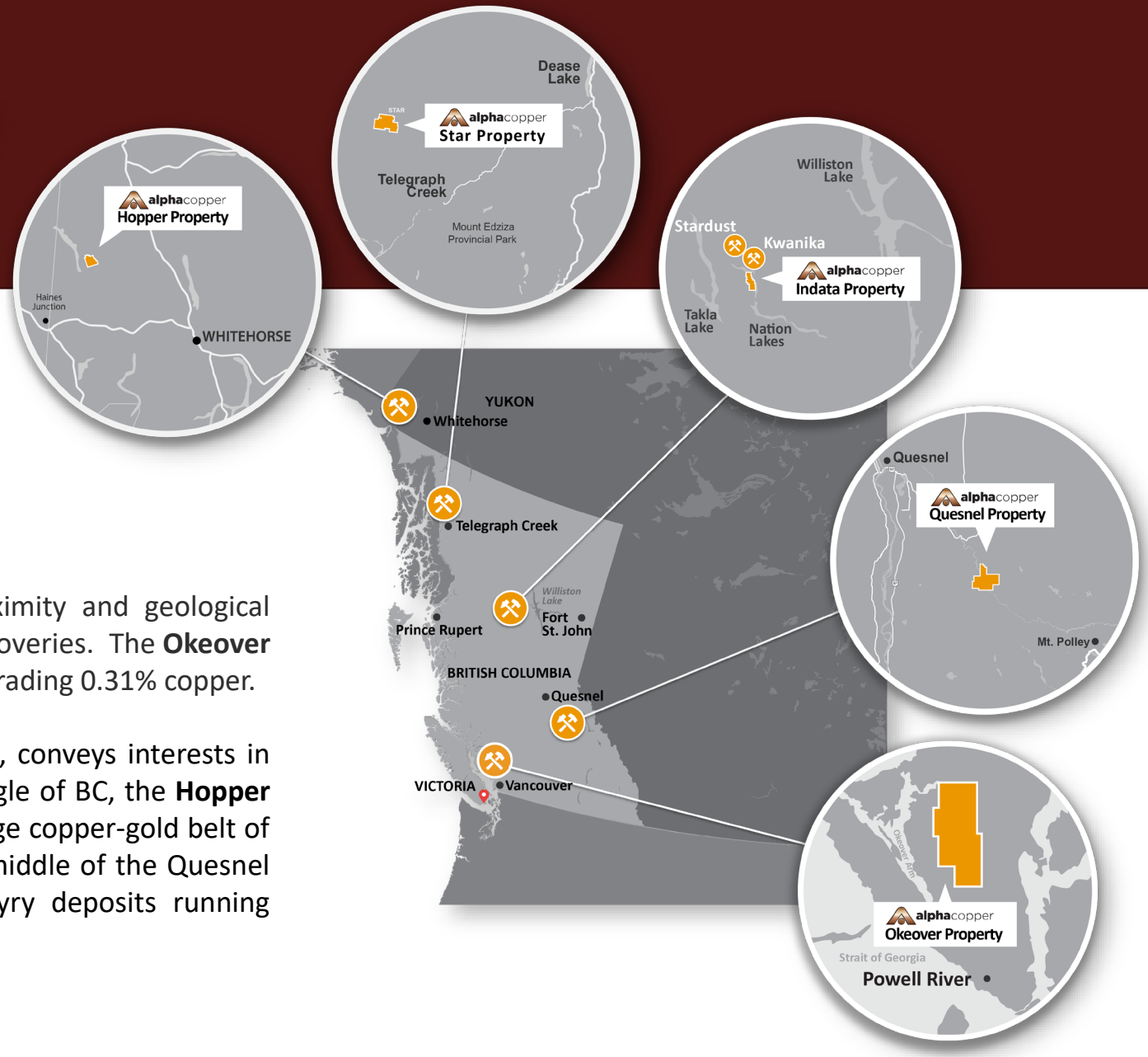
Alpha Copper is a Canadian mineral exploration company focused on advancing several projects located in British Columbia and the Yukon Territory of Canada.

The **Indata property** is especially exciting given its proximity and geological similarity to Northwest Copper's Kwanika and Stardust discoveries. The **Okeover North Lake Zone** historic resource indicates 86.8M tonnes grading 0.31% copper.

The acquisition of CAVU Energy Metals (by Alpha Copper), conveys interests in the **Star copper-gold porphyry project** in the Golden Triangle of BC, the **Hopper copper-gold porphyry project** in the southern Dawson Range copper-gold belt of the southwestern Yukon, and the **Quesnel Project** in the middle of the Quesnel Trough, host to a number of alkalic copper-gold porphyry deposits running northwest across western British Columbia.



Investor Highlights

LOCATED JUST 3KM FROM KWANIKA AND STARDUST:

Our flagship projects are two of the most promising copper discoveries in Canada.

NORTHWEST COPPER CEO PETER BELL:
"We drilled one of the highest-grade drill holes reported globally in 2018, when (hole) 421 intersected 100 m of 5.3% CuEq at our adjacent Stardust deposit. This new Kwanika drill hole is even higher-grade than drill hole 421 and occurs just 7 km away. The presence of such extraordinary grades in multiple deposits is both surprising and rare, and opens up multiple, very high-grade exploration targets over a substantial area. This drill hole is a game-changer for our Kwanika deposit **and for the region.**" [1]

INDATA PROPERTY: RIGHT ROCKS, RIGHT NEIGHBOURHOOD:
3km due south and on strike with Northwest Copper's Kwanika and Stardust Projects, geophysical anomalies occur at Indata in comparable Paleozoic carbonate rocks and younger volcanic units.

CONSISTENT RESULTS:
More than 40 years of exploration and documentation at Indata indicate the possibility of a sizeable copper deposit.

OKEOVER PROPERTY: HISTORIC GRADES & DEEP-WATER ACCESS: geophysical anomalies have identified numerous drill-ready targets for copper and other minerals. North Lake Zone historic resource: 86.8 million tonnes grading 0.31% copper. Located ~25Km from pacific tidal port.

RICH EXPLORATION POTENTIAL:
Several high-grade drill targets are already identified and fully permitted, additionally, porphyry targets exist.

SEVERAL DEVELOPED MINES:
Regionally includes operating mines Mt. Milligan, Granisle and Bell which have established local expertise, manpower and equipment resources within the region.

EASILY ACCESSIBLE:
Forestry roads provide access to drill targets; ample water onsite. As regional mining activity increases, infrastructure looks likely to improve dramatically.

1. Source: https://www.mining.com/northwest-copper-stock-soars-on-game-changing-drill-result-from-kwanika-deposit/, October 27, 2021

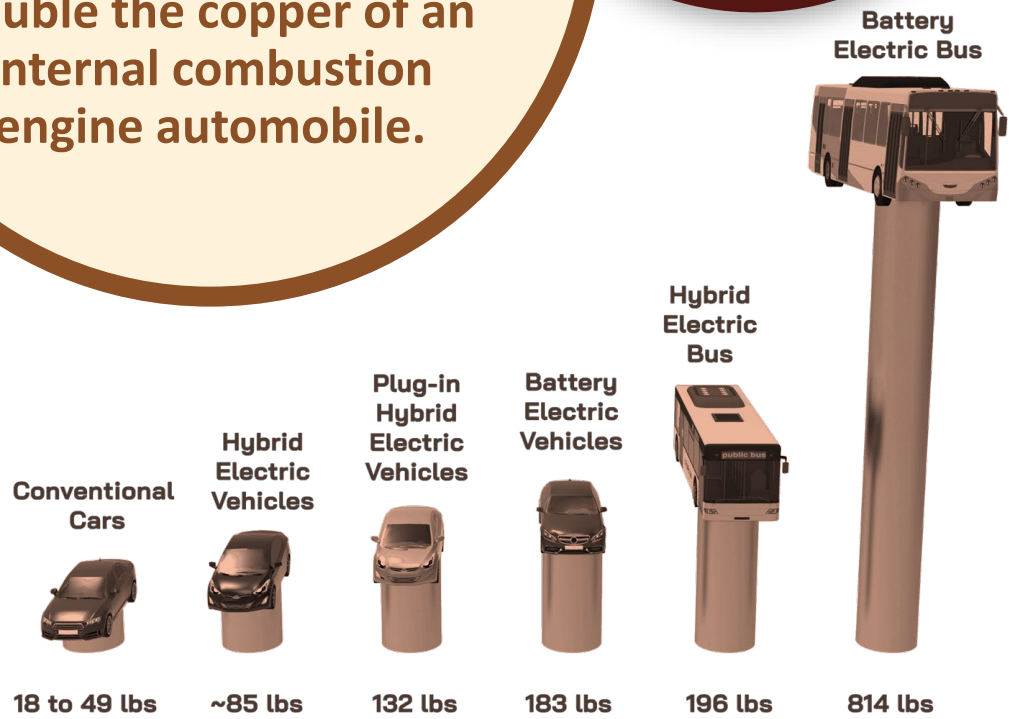
The Market
ELECTRIC VEHICLES

Electric vehicles use copper in charging infrastructure, cabling, drive motors and batteries, more than double the copper of an internal combustion engine automobile.

Copper is an integral part of sustainable energy initiatives because of its reliability, efficiency and performance. Its superior electrical and thermal conductivities increase the energy efficiency of countless energy-driven systems that rely on electric motors and transformers. The same physical properties are vital in the collection, storage and distribution of energy from solar, wind and other renewable sources.

The copper industry needs to spend upwards of $100 billion to counter an estimated annual shortfall of 4.7 million metric tons by 2030 as the clean power and transport sectors expand exponentially, according to estimates from CRU Group. The potential shortfall could reach 10 million tons if no new mines get built, according to commodities trader Trafigura Group.[1]

The move to electric vehicles simply will not be possible without new sources of copper.



1. https://www.bloomberg.com/news/articles/2021-03-19/the-world-will-need-10-million-tons-more-copper-to-meet-demand) Graphic Source: Copper.org

The Market
BEYOND ELECTRIC VEHICLES

Copper's importance in the greening of the economy extends well beyond electric vehicles.

COPPER IS CRITICAL TO:

TRANSMISSION LINES

According to the Edison Electric Institute, the U.S. electric transmission network consists of more than 600,000 circuit miles of lines, 240,000 of which are considered high-voltage lines (230 Kilovolts and greater). Copper is a key material component of transmission, which consists of structural frames, conductor lines, cables, transformers, circuit breakers, switches and substations.

SOLAR

Solar power generation requires 5.5 tons of copper per MW [2]

MOTORS & GENERATORS

The 8 million electric vehicles on the road internationally in 2019 are expected to increase to 50 million by 2025 and almost 140 million vehicles by 2030. EV sales are expected to reach almost 14 million vehicles annually in 2025 and 25 million vehicles annually in 2030.[1]

WIND TURBINES

A 3-megawatt (MW) wind turbine contains up to 4.7 TONS OF COPPER, and often remote locations require extensive cabling to connect to the grid, especially offshore wind farms.

1. International Energy Agency, Global EV Outlook 2020 2. Source: Navigant Research

The Market
SET TO GROW

The Biden administration's recent infrastructure bill is like a shopping list of copper-based projects, with billions of dollars to back it up: [1]

$39 Billion to modernize public transit, with an emphasis on zero-emissions vehicles

$65 Billion investment in improving the nation's broadband infrastructure

$17 Billion in port infrastructure and $25 billion in airports to, among other things, promote electrification and other low-carbon technologies

$7.5 Billion for zero- and low-emission buses and ferries, aiming to deliver thousands of electric school buses to districts across the country

$7.5 Billion would go to building a nationwide network of plugin electric vehicle chargers

$65 Billion to rebuild the electric grid including building thousands of miles of new power lines and expanding renewable energy

TOTAL: $201 Billion in spending, all demanding copper

1. https://www.cnn.com/2021/07/28/politics/infrastructure-bill-explained/index.html

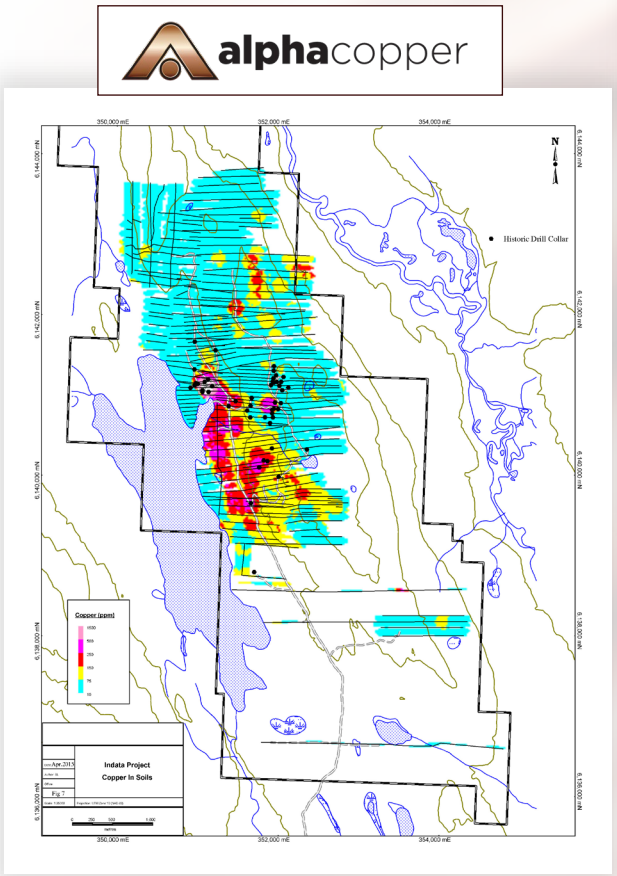

INDATA
PROJECT

The Property

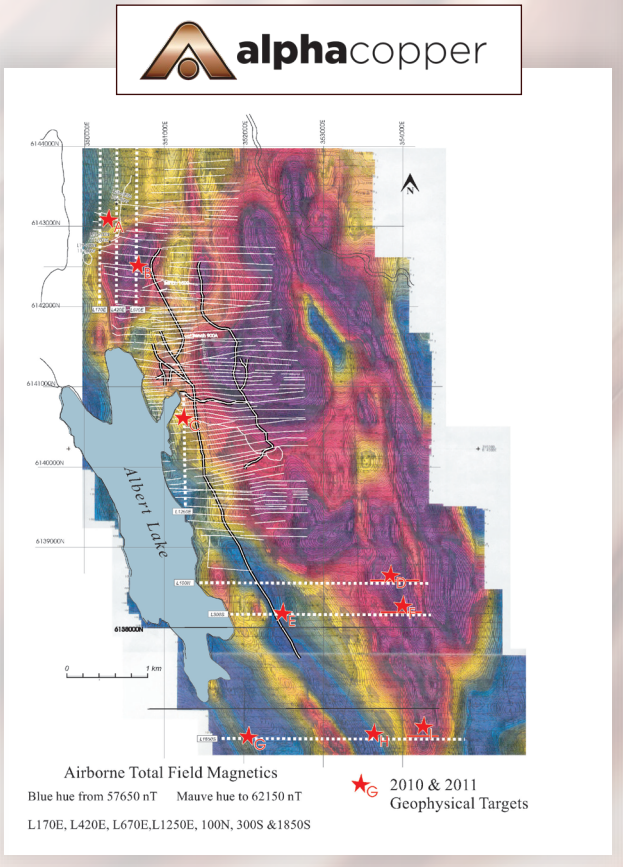
The Indata Property comprises 16 mineral claims totaling 3,189 hectares

Situated in north-central British Columbia on the east side of Albert Lake, a 2-hour drive from the community of Fort St. James.

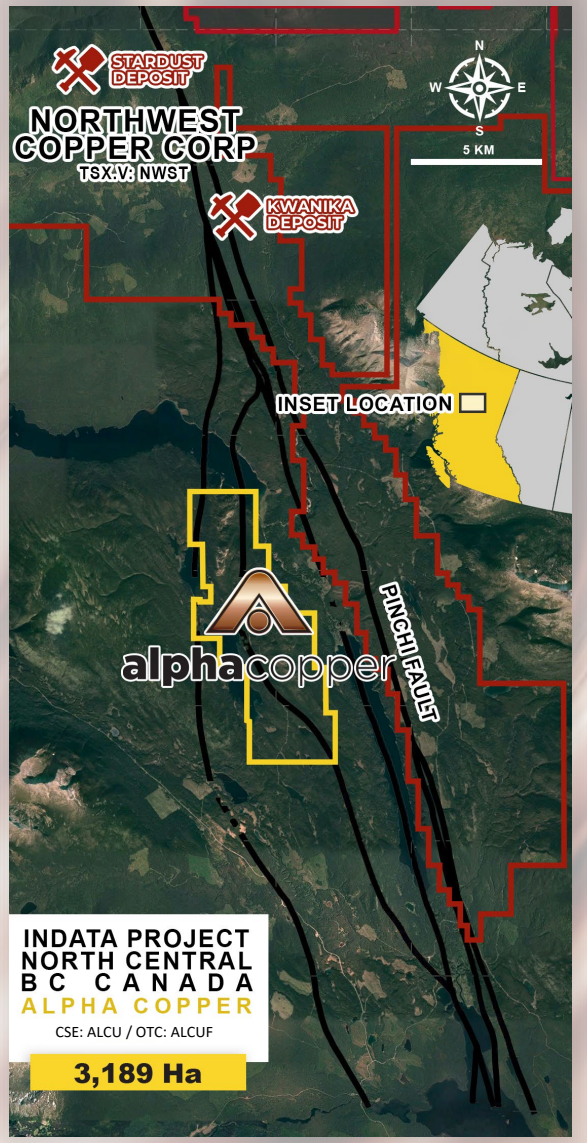
Alpha Copper has an option to earn a 60% interest from Eastfield Resources Ltd.



Copper in Soil Samples



Magnetic Geophysics



History

Originally staked by Imperial Metals Corp. in 1983 with early exploratory efforts every 3-5 years since.

Each wave of exploration has contributed to the geologic knowledge of the site and further defined areas of greatest potential.

Grab samples, trenching, drilling, aerial magnetic surveys, ground geophysics and soil samples provide a solid base of information upon which each successive stage of exploration will build, providing operational efficiencies designed to save time and money.

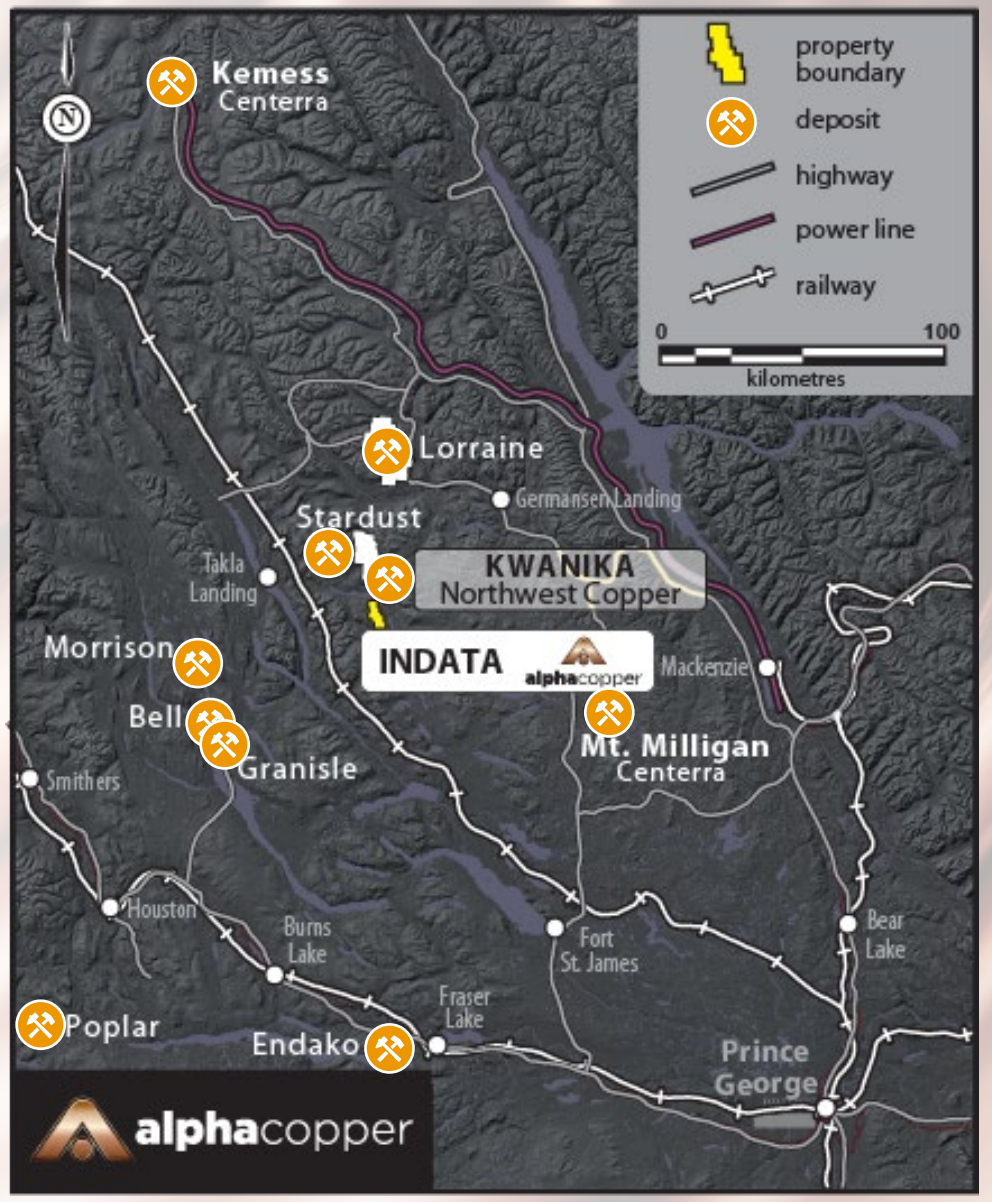
The Neighbourhood

The Indata property is located, physically and geologically, in the same neighbourhood as some of Canada's most exciting recent copper discoveries.

The Kwanika discovery is located approximately 3km from the Indata site in the prolific Quesnel Terrane, which hosts numerous porphyry copper-gold deposits with two bulk tonnage calc-alkaline porphyry deposits; the primary Central Zone Cu-Au porphyry, and secondary South Zone Cu-Au-Mo porphyry deposit.

The Central Zone was discovered by Serengeti Resources in 2006 and features both a near surface open-pit resource, and a higher-grade underground resource that has the potential for block cave mining.

The Stardust discovery is another high-grade copper-gold deposit in the same geologic formation located about 20km north of the Indata site. That property features a 2.2-kilometre corridor of mineralization. The strength of mineralization there suggests that Stardust is a robust mineralized system with a high number of pulses of mineralizing fluids. Long-lived and multi-phased systems are synonymous with large, high-grade deposits.

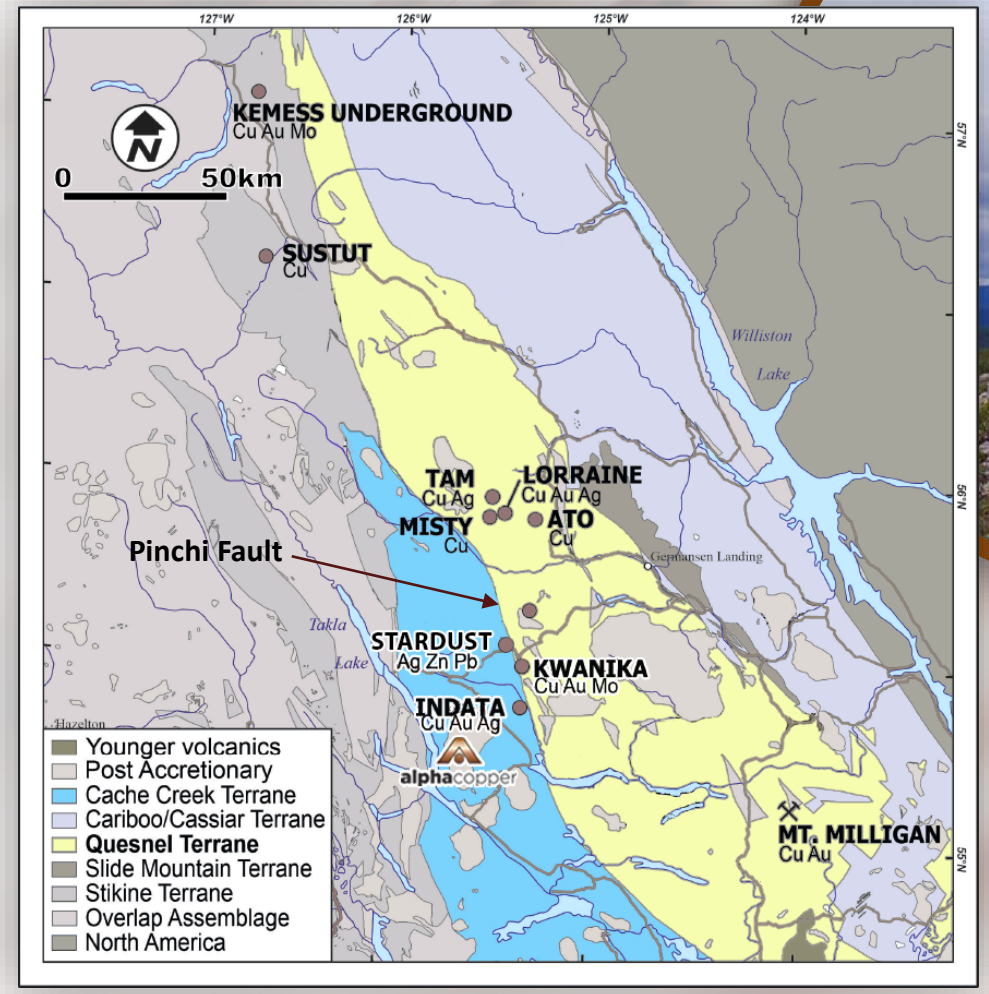


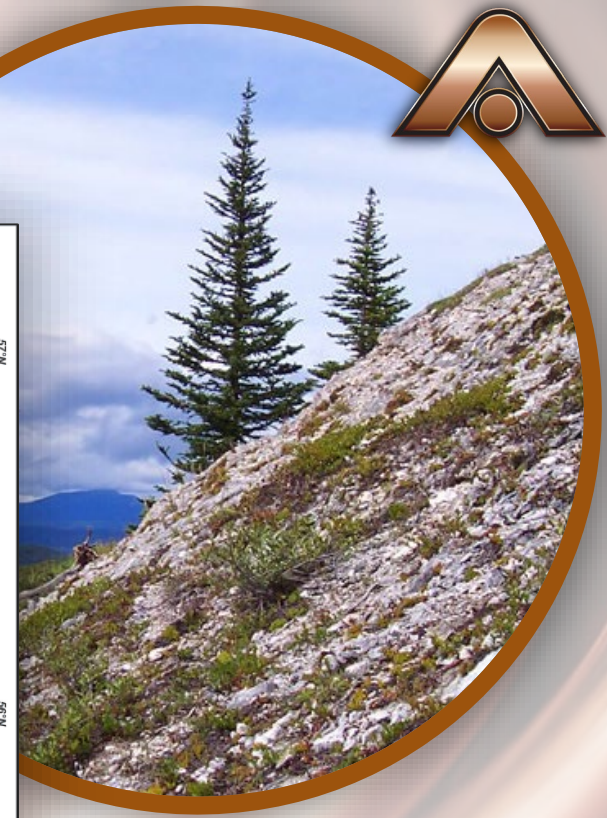
Sources: https://northwestcopper.ca/projects/kwanika-stardust/kwanika/ https://northwestcopper.ca/projects/kwanika-stardust/stardust/

Geologic Setting

The Indata Project is situated in a complex geological setting adjacent to the **Pinchi Fault**, a major structure separating the Cache Creek and Quesnel Terranes.

The Quesnel Terrane hosts the promising Kwanika and Lorraine discoveries which are all located within 15km of the Indata property. The adjacent Cache Creek Terrane hosts the equally promising Stardust property.





Targets

Porphyry Copper (Our Focus)
Porphyry copper mineralization is known on the Indata Project from the Lake Zone on the east side of Albert Lake, some 500 metres west of an area of polymetallic veins.

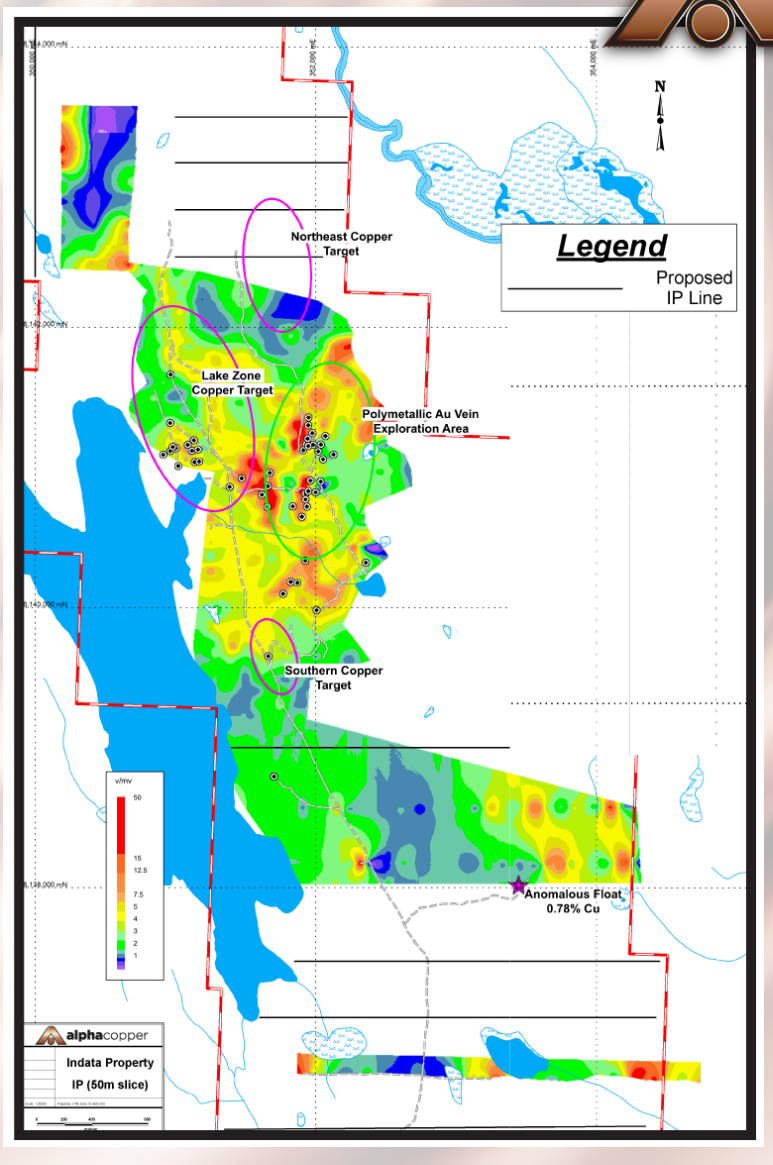
Historical Drill Result:
148 metres grading 0.20% Copper including 24.1 metres grading 0.37 Copper in hole 98-I-4. Four zones of copper mineralization have been discovered at Indata.

Resembles:
The Central Zone of Serengeti Resources' Kwanika Project, located 14 kilometres north of the Indata Project, which contains an indicated 57.7 million tonnes grading 0.48% coper and 0.55% g/t gold at a 0.4% copper equivalent cuto-off (SRK, 2016).

Carbonate Replacement Deposit
In 1989 a separate area of high-grade copper and copper-gold mineralization was identified in the northeaster sector of the property with only minimal follow-up. Here, a cluster of select grab samples returned a number of high-grade results from an open-ended area of approximately 250m in a north-south orientation (east-west width unknown). Grades can exceed 3.0% copper and 0.50 g/t gold. Other mineralization styles are known from elsewhere in the region.

Other Deposit Types
Three types of mineralization have historically been explored for at Indata; Porphyry Copper, Mesothermal Veingold and Carbonate Replacement Deposits.

Historical Drill Result
4.0 metres grading 46.20 g/t gold, including 2.0 metres grading 86.4 g/t in hold 86-I-11



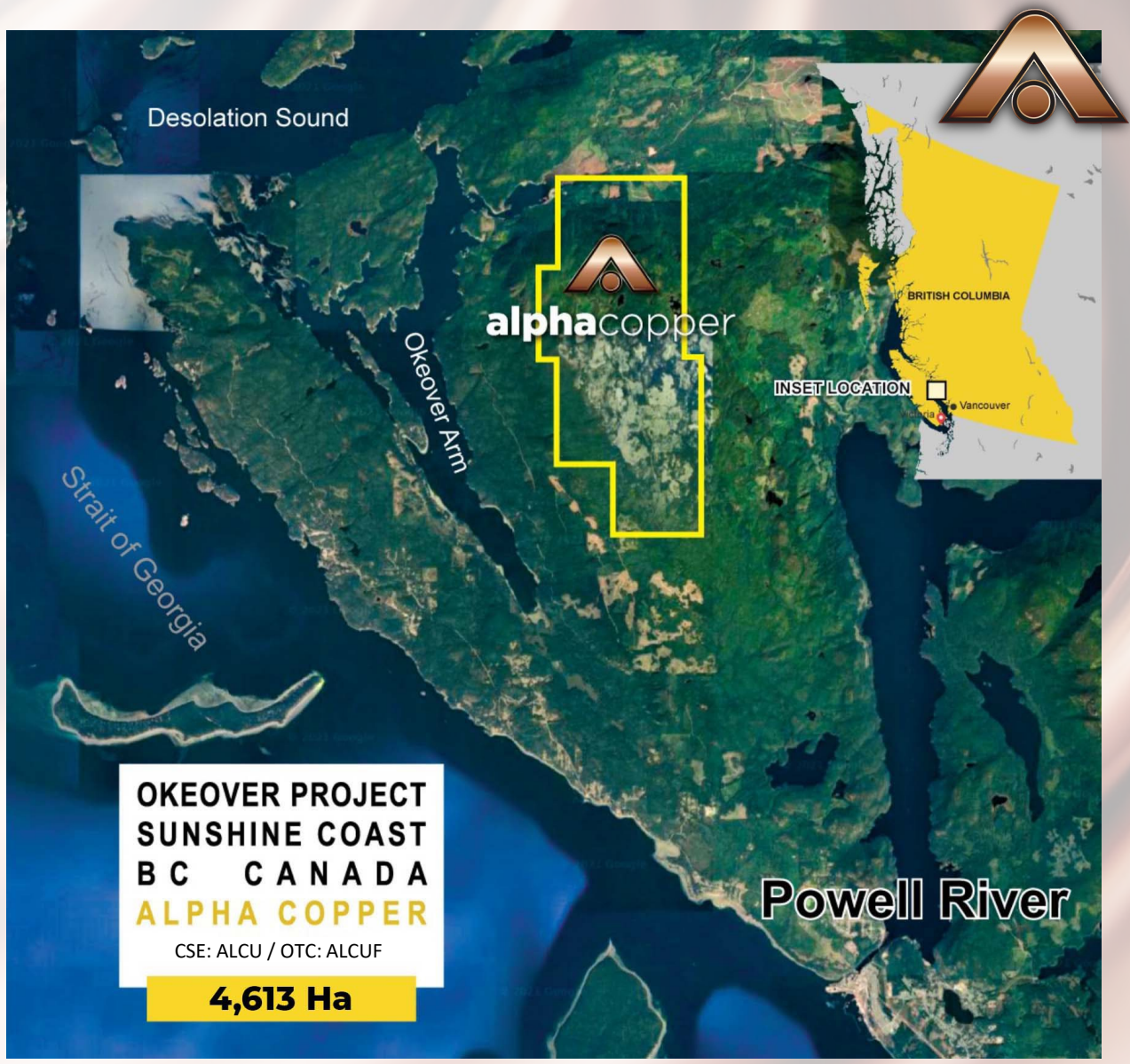
OKEOVER
PROJECT

Location

The Okeover (“OK”) Property comprises 11 mineral claims totaling 4,613 hectares

Situated on the south coast of British Columbia 25 kilometres north of Powell River’s deep water port facilities and 145 kilometres northwest of Vancouver.

Well established forestry roads provide access to the property giving ready low-cost access to drill crews and equipment.



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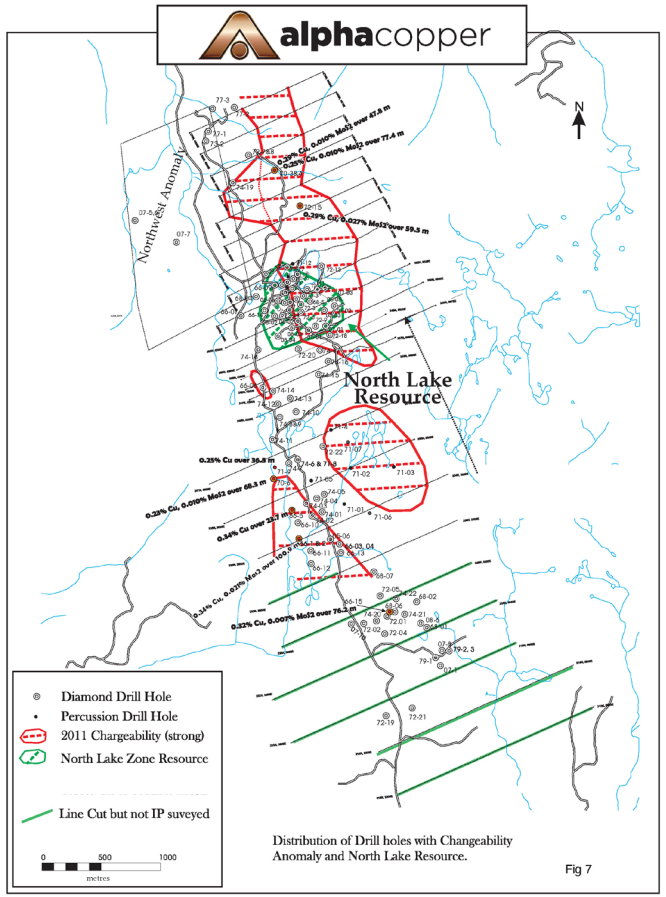
History

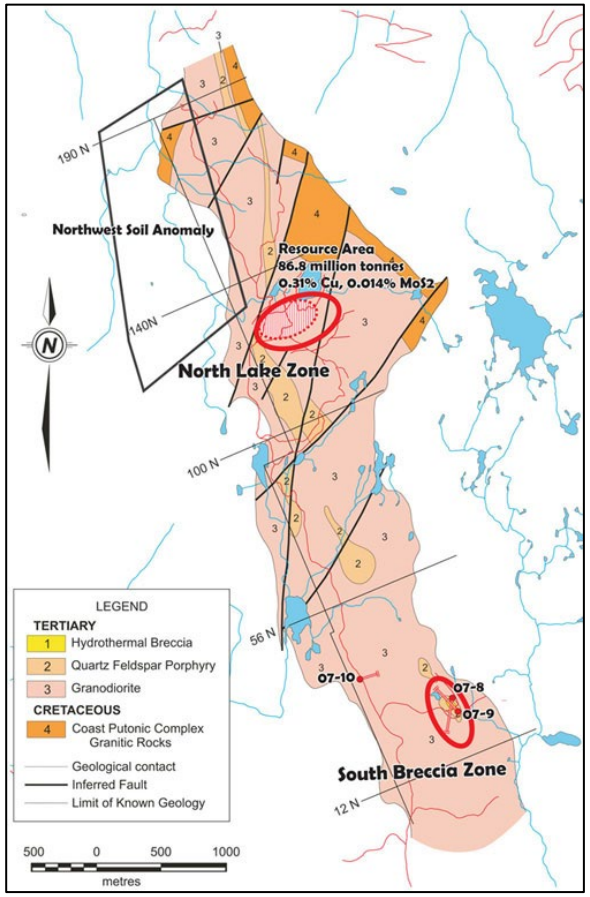
- Copper and molybdenum mineralization was originally discovered in creek bottoms in the central part of on the Okeover Property in 1965
- Between 1966 and 1977, seven companies including Noranda and Falconbridge carried out a number of geological, geochemical and geophysical surveys which included 13,831.5 metres of diamond drilling in 82 holes
- The recent history of Okeover (aka: Ok property) started in 2003 when Eastfield Resources Ltd. optioned and subsequently earned a 100% interest. This interest eventually was purchased by a subsidiary of Northwest Copper Corp.
- Drilling completed between 1966 and 2008 totaled 104 diamond drillholes (18,202 metres) and 12 percussion holes (728 metres)
- Airborne geophysical surveying was completed in 2004 along with further drilling and sampling in 2006
- A flagged grid consisting of 15 lines at roughly 100 metres intervals was established off part of the original survey baseline.
- A total of 499 soil samples were collected at 25 metres intervals along the flagged lines and submitted for 4-acid digestion and the subsequent determination of 35 major and trace elements (including copper and molybdenum) by ICP — emission spectrographic procedures.
- Enhanced copper and molybdenum values were found throughout the grid area with the highest values being 1,244 ppm (parts per million) copper and 534 ppm molybdenum.

Targets

In recent years the exploration focus has shifted to ground-based target generation as opposed to drilling in the North Lake Zone.

Since inception in 2010, 1,923 soil samples and 377 rock samples plus 28 kilometres of induced polarization surveying and 10 additional kilometres of grid were established.





First order targets extend 1.3 kilometres North and 1.0 kilometre south of the North Lake Zone Resource along the eastern side of an IP changeability anomaly

https://www.prophecycoal.com/projects/project_okeover/project_okeover_r/

Recent Acquisitions

With the recent acquisition of CAVU Energy Metals, the Company has obtained various rights to several projects including;

HOPPER COPPER-GOLD Porphyry

The 7,400-hectare **Hopper Copper-Gold Porphyry** project located near Hopkins Lake, east of Aishihik Lake, within the southern Dawson Range copper-gold belt of southwestern Yukon.

STAR COPPER-GOLD Porphyry

The **Star Copper-Gold Porphyry** project in the Golden Triangle of BC with a fixed-wing airstrip and a network of roads and trails.

QUESNEL COPPER

Lastly, the road-accessible **Quesnel Copper** project area in the middle of the Quesnel Trough, a linear northwest trending belt (Quesnel Terrane) host to a number of alkalic copper-gold porphyry deposits.

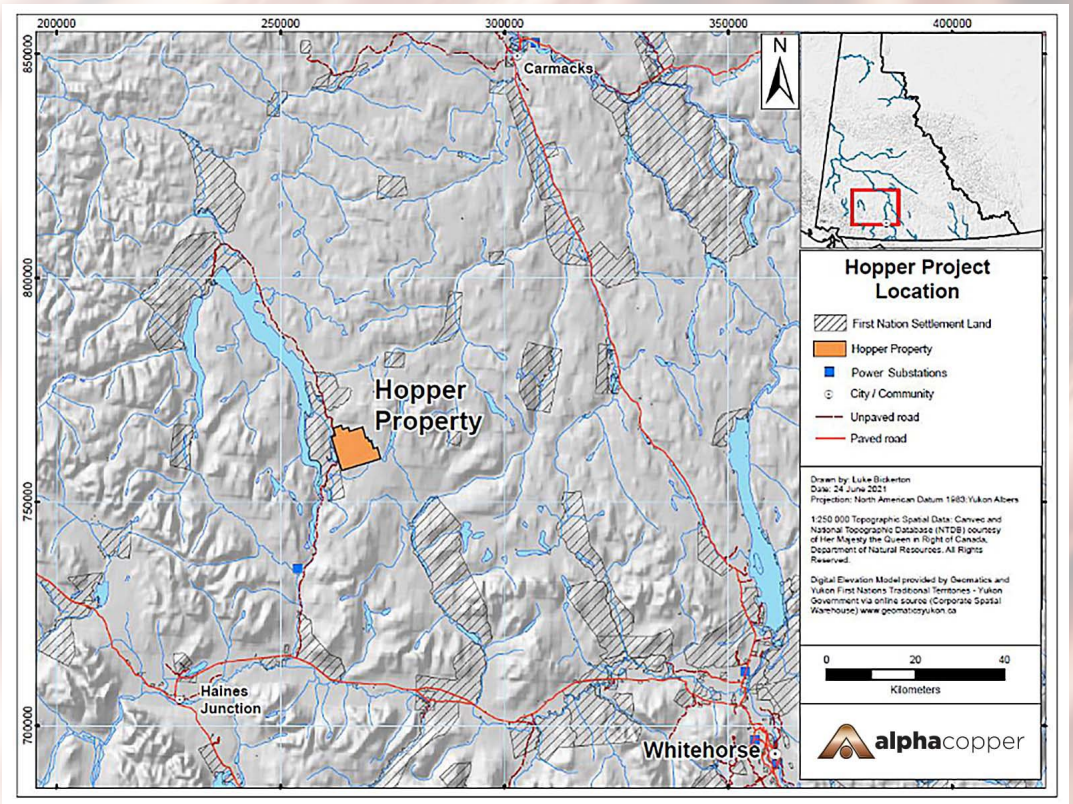
Hopper Project (Copper-gold Porphyry)

The 7,400 hectare Hopper Project is located near Hopkins Lake, east of Aishihik Lake, within the southern Dawson Range copper-gold belt, southwestern Yukon.

Access is by road, 180 km northwest of Whitehorse via the paved Alaska Highway, followed by the gravel Aishihik Lake road, which extends along the western property boundary. The Project covers the Hopper, Gal, and Guy claims in the Whitehorse Mining District, which are 100% owned by Strategic Metals Limited, subject to an option agreement for a 70% interest with Alpha Copper.

The Hopper Project constitutes a property of merit based on the presence of:

- **Significant porphyry copper mineralization over a 2.3 km by 650m area** (open to the south and east), which has only been tested by two diamond drill holes (**0.22% Cu over 114.38m in DDH21-06 and 0.17% Cu over 162.85m in DDH15-05**) and; local,
- Significant elevated gold, molybdenum and silver values accompany the copper, skarn and porphyry related mineralization at Mitsu West, which yielded **0.43% Cu, 0.06 g/t Au and 1.83 g/t Ag across an approximate true width of 51.3m** in Trench 14-11,
- A significant **3.6 km by 2.6 km â‰¥100 ppm copper soil geochemical anomaly** (with a 1 by 1 km donut low near the centre, possibly related to thicker overburden) Â± elevated gold, silver and molybdenum values, and untested geophysical anomalies,
- **Copper skarn mineralization intermittently exposed over an 800m by 1.5 km area and over 400m in elevation** in the Copper Castle zone (with zones of precious metal enrichment associated with second stage retrograde alteration), and additional skarn mineralization north of the Hopper pluton.
- In addition the **Hopper pluton is the same age as the mineralizing pluton at the Casino porphyry deposit**, and strong similarities exist to the skarn deposits of the Whitehorse Copper belt.

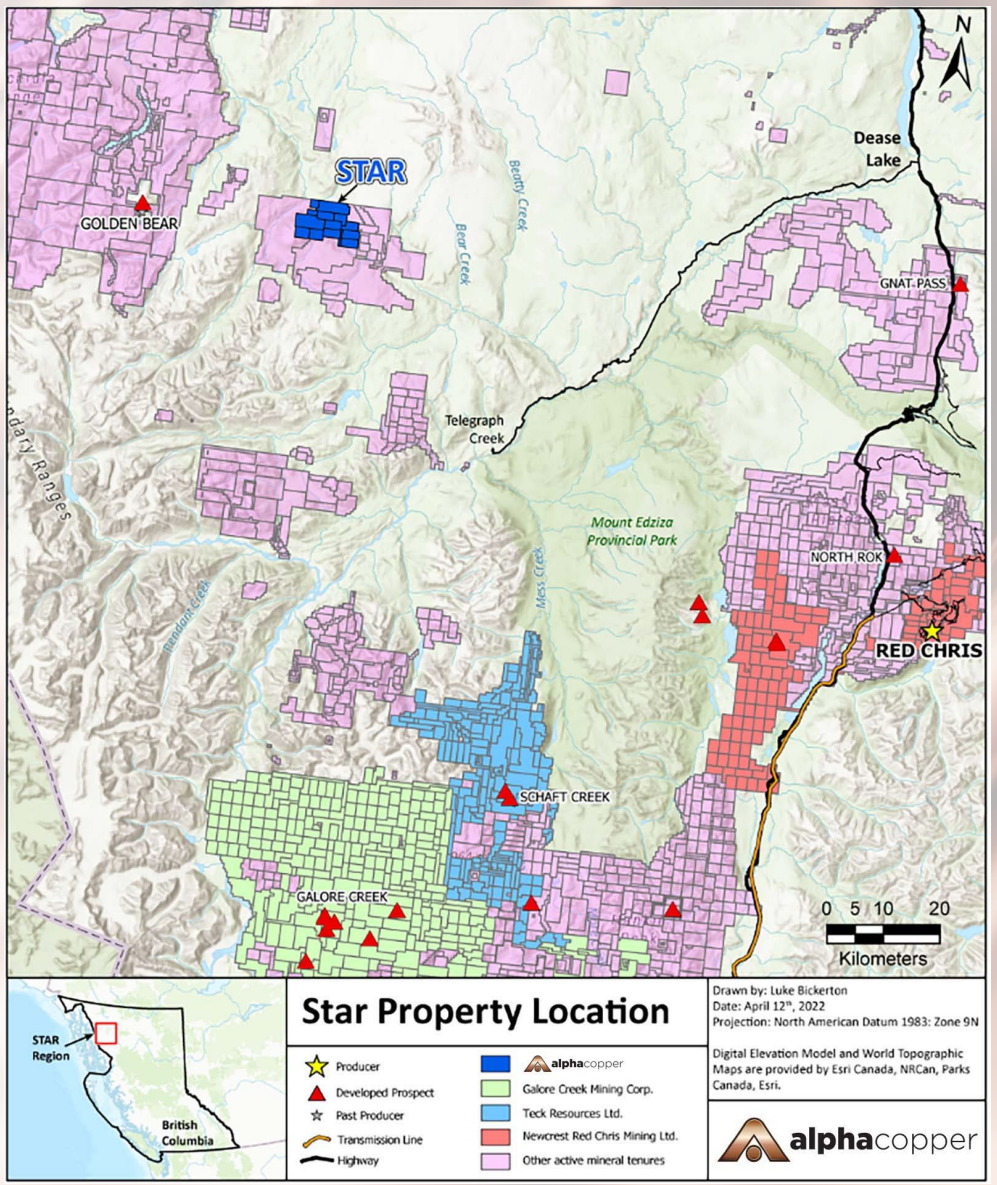


Star Project (Copper-gold Porphyry)

The Star project is located west- southwest of Dease Lake in the Stikine Arch. The project is within the well-known Golden Triangle and Golden Horseshoe of British Colombia, in a region that is exceptionally fertile for porphyry copper-gold projects.

Majors are active in the surrounding area

- Teck Resources owns 75% of Schaft Creek which contains **7.76B lbs Copper and 7M oz Au** (M+I)[2].
- Newcrest Mining owns 70% of the Red Chris Mine which contains **8.1B lbs Copper and 13M oz Au** (M+I)[3]
- Newmont and Teck own 50% and 50% of Galore Creek which contains **6.8B lbs Copper and 5.45M oz Au** (Proven and probable reserves)[4]



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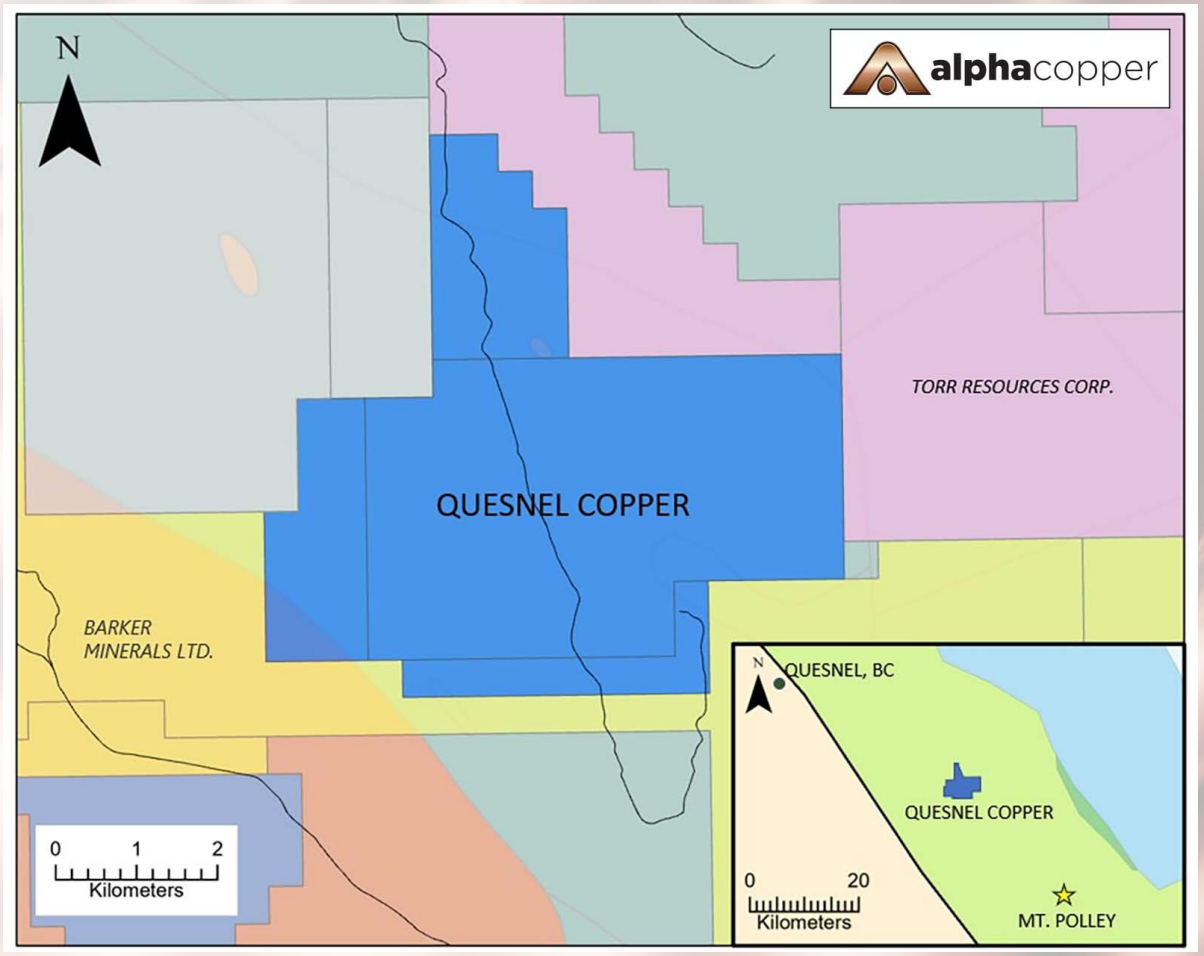
Quesnel Project (Copper)

The road-accessible Quesnel Copper project area is in the middle of the Quesnel Trough, a linear northwest trending belt underlain by Late Triassic and Early Jurassic alkalic basaltic volcanic and volcaniclastic rocks of the upper Triassic Nicola Group (Quesnel Terrane).



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Management & Directors

DARRYL JONES
PRESIDENT & CEO

15+ years of capital market experience and an estab-lished financial network. Mr. Jones was an Investment advisor with PI Financial Corp Canada and Raymond James Ltd Canada. He was responsible for raising significant risk capital for growth companies in all sectors, with a particular focus on natural resources.

BILL MORTON M.SC., P.GEO.
DIRECTOR, TECHNICAL LEAD

Driving force in the acquiring and optioning Sun Metal's Stardust Project Senior management of public resource companies for 20 years and is or has been a Director or Technical Advisor to more than a dozen public resource companies. Professional Geologist since 1991 and is a Member in good standing of Engineers and Geoscientists, British Columbia.

SEAN CHARLAND
DIRECTOR

A seasoned communications professional with experience in raising capital and marketing resource exploration companies. His network of contacts within the financial community extends across North America and Europe. Mr. Charland also serves as a Director of Maple Gold Mines Ltd., Arctic Star Exploration Corp., Eyecarrot Innovations Corp. and Voltaic Minerals Corp.

WES SIEMENS P.ENG.
DIRECTOR

Recently the founder, President and CEO of a private-equity funded, energy exploration company, based in Western Canada. Began in 1993 at Canadian Occidental Petroleum Ltd. and held several technical and management positions over 21 years throughout its evolution to Wascana, Nexen, and CNOOC Ltd. Has held International and senior management positions in the company included Operations, Corporate Planning and Business Development, Business Development Africa and Middle East, Oil Sands and Technical Excellence. Has accumulated extensive experience in M&A, including billions of dollars of transactions.

Management & Directors

SEAN KINGSLEY
DIRECTOR

A mining investor & entrepreneur with over 14 years' experience specializing in corporate development, corporate strategy, strategic marketing, investor relations, advising & raising capital. He is the CEO & Director of Prophecy Potash, CEO & President of private companies Cardium Energy & Mango Research and Management, Strategic Advisor to Stuhini Exploration, and Independent Director to Pontus Protein. He served as Chair of the Association for Mineral Exploration BC's (AME) Communications & Marketing committee from 2014-2018, remains as a committee member. He sits on the Executive & Advisory Council for the Centre of Training Excellence in Mining (CTEM).

DARYN GORDON
CHIEF FINANCIAL OFFICER

CFO of Savannah Minerals Corp. and CFO of Canamera Energy Metals Corp. Mr. Gordon is also Member of Institute of Chartered Accountants of Alberta. Previously, CFO, Secretary & Non-Independent Director at Aroway Energy, Inc., CFO & Secretary of Reparo Energy Partners Corp., CFO & Non-Independent Director at Emperor Oil Ltd., CFO of Sparta Capital Ltd., CFO & Secretary at Harrys Manufacturing, Inc., Director at Apollo Silver Corp., Partner at Alston & Bird LLP, Principal at Abacus Financial Corp., Accountant for PBI-Gordon Corp. and CFO for Silver Mountain Mines, Inc.

DR. LUKE BICKERTON
VICE PRESIDENT OF EXPLORATION

Luke is a geoscientist with over 10 years' experience in regional mapping, mineral deposit research, and exploration for both base- and precious-metals in Canada and internationally. He has extensive experience in deposit and regional scale structural analysis, hydrothermal and isotopic geochemistry, and developing greenfield to brownfield exploration projects. Luke has dominantly specialized in porphyry and epithermal deposit exploration, but also has experience exploring for other deposit types enriched in base-, rare-, and precious metals, including iron-oxide-copper-gold, greisen, skarn, pegmatite, VMS, and orogenic gold related deposits. Luke obtained a B.Sc. (Hons) in Earth Sciences from St. Francis Xavier University in 2011, a M.Sc. in Geology from Simon Fraser University in 2013, and a Ph.D. in Precambrian Geology and Mineral Deposits from the Harquail School of Earth Sciences at Laurentian University in 2021.

THANK YOU

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