Drilling Our Flagship Princeton Copper Project – Adjacent to the Copper Mountain Mine

QUETZALCOPPER.COM TSXV:Q

CORPORATE PRESENTATION DECEMBER 2025

Quetzal Copper

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# Copper is the New Oil

uetzal

Copper

What oil was to the last century, copper will be to the next.

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#### **The Quetzal Team**

#### Matthew Badiali MSc - Chief Executive Officer and Director

Mr. Badiali is a geologist, financial analyst, and investor with 18 years' experience in the natural resources sector. He's worked as a driller, research scientist, and geology instructor at Duke University, UNC Chapel Hill, and Florida Atlantic University. He founded Mangrove Investor Media, a publishing company in 2020.

#### Christopher Lloyd MSc - Vice President of Exploration

Mr. Lloyd is an exploration geologist with more than 35 years' experience throughout the Americas. In 2005 he co-founded Soltoro Ltd. and went on to find the El Rayo Silver deposit in Jalisco. Chris led the exploration of Vizsla Silver's Panuco project in Sinaloa in 2020.

#### Charles Funk BSS, BSc (Hons) - Technical Advisor

Mr. Funk is the CEO of Heliostar Metals, currently developing the Ana Paula gold project in Mexico. He has over 14 years' experience working for major and junior mining companies, including Newcrest, Evrim Resources, and Vizsla Silver. He is the originator of the Quetzal Projects.

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#### Dr. Roy Greig PGeo - Technical Advisor

Dr. Greig spent over two years as Vice President of Exploration for Amarc Resources. He advanced their district-scale porphyry Cu-Au-Mo projects in B.C. with major partners Freeport McMoRan and Boliden. Dr. Greig holds a Ph.D. from the University of Arizona.



#### **Quetzal Share Structure (%)**

Quetzal Copper Began Trading in March, 2024

- 54.2 million shares outstanding
- 10.7 million warrants (\$0.29 avg)
- 64.9 million fully diluted
- \$6 million market cap



 Quetzal Management and Major Shareholders own 55% of the company Over 50% of Quetzal

shares are currently restricted.

 Closed first tranche of \$1.9 million Flow-**Through Financing on** December 27, 2024

**Retail – 45%** 

Management and Major Shareholders – 55%



#### **Three Great Projects**

#### **BRITISH COLUMBIA, CANADA**

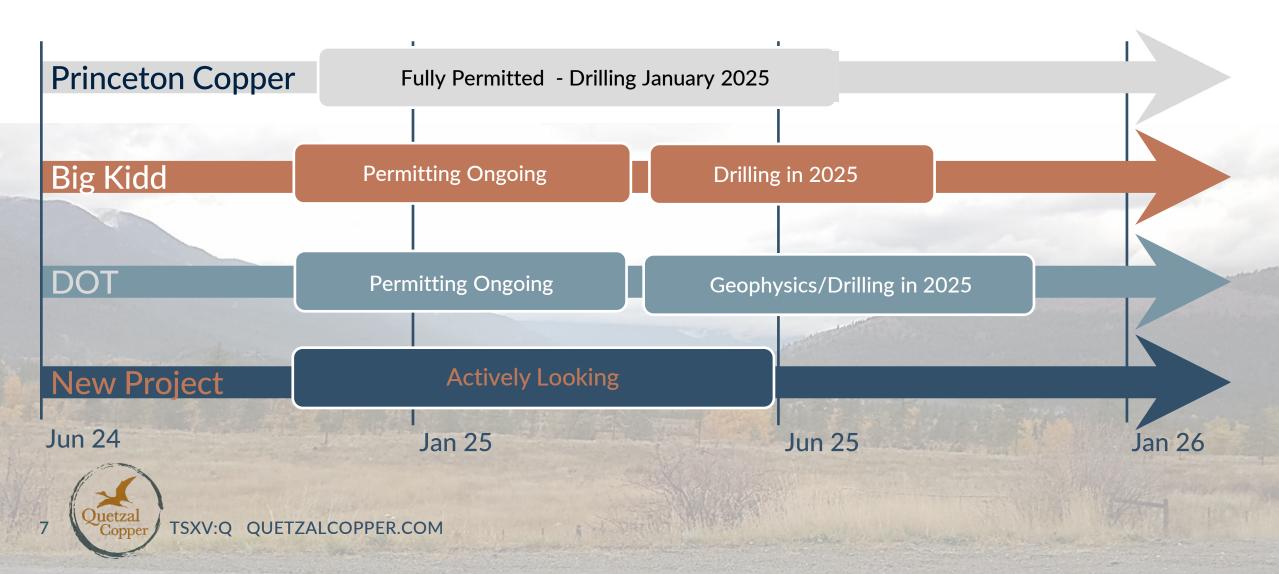


- Drilling planned for January 2025
- Evidence of High Copper Grades
- New, Undrilled Targets
- Excellent Jurisdiction
- Infrastructure
- Near Operating Mines
- Year-Round Exploration



#### **Quetzal Copper Discovery Drilling Timeline**

#### 2024-2025 Work Program



## **Princeton Copper Property**

Option to earn 80%

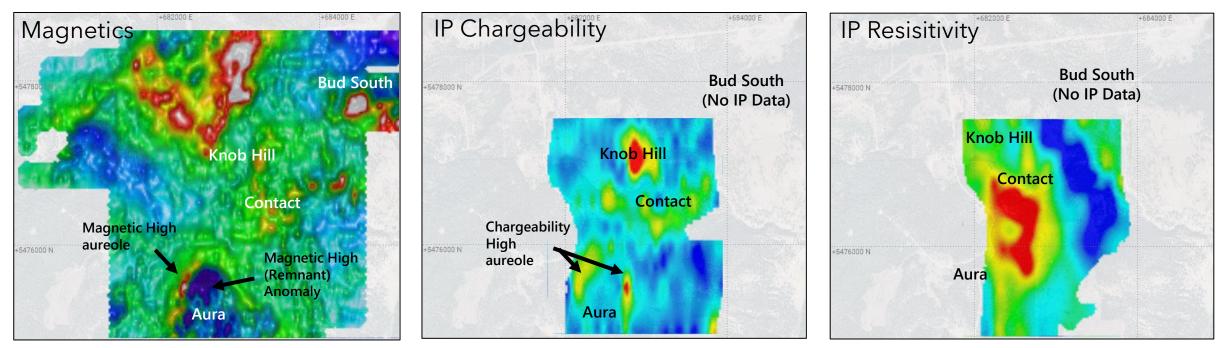
- Received drill permit September 2024
- 11,500 Ha property next to a large mill at Hudbay/Mitsubishi's Copper Mountain mine
- First target area has only two historic drill holes
- Compilation of historic work and new geophysics identified four drill ready copper porphyry targets
- Drilling to commence in January 2025



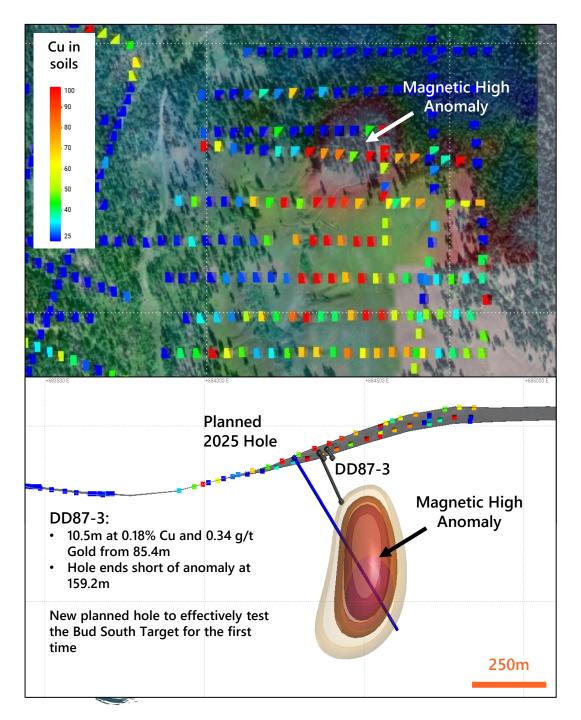


#### **Princeton New Geophysics Collected in 2020-2022**

- Bud South is a standout magnetic anomaly with supporting trenching and drilling data
- Knob Hill is a new, large chargeability anomaly beneath cover with copper in trenches above
- Aura and Contact are newly identified targets from geophysics under thin till cover







#### **Princeton Bud South Target**

- Untested 250m x 350m magnetic bullseye
- Copper, zinc, and lead soil anomalies overlie mag data
- High priority drill hole (DD87-1) lost at 29m, well above the target depth
- Hole DD87-3 drilled the edge of the anomaly. It hit 10.5m at 0.18% copper and 0.34 g/t gold.
- Logging showed potassic alteration with mineralization (magnetite, K-feldspar, pyrite, epidote, and chalcopyrite in core).

Did the old hole just clip the edge of a mineralized copper porphyry?

#### **Princeton Knob Hill**

Grab samples from nearby historic trenches ran 0.6% -1.2% copper and 0.55 g/t - 0.99 g/t gold

The Knob Hill target is covered copper anomaly that can be drilled inexpensively

Similar signature to Copper Mountain deposits in the same geological setting

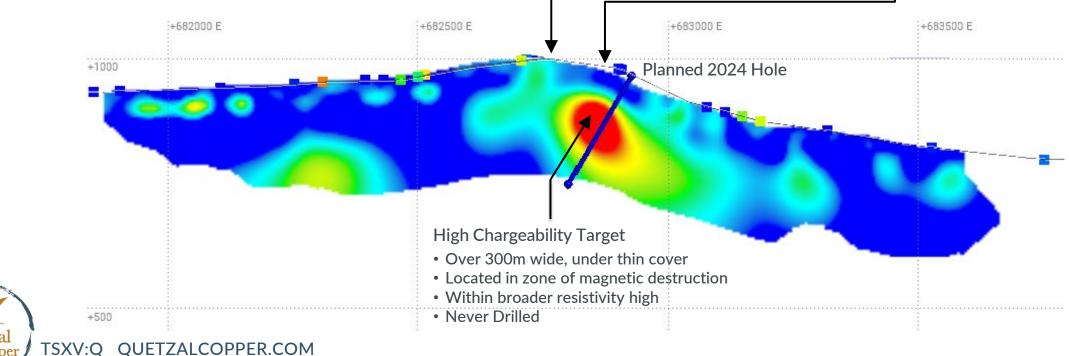
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Quartz-carbonate-chalcopyrite (oxidised to malachite) veins in Lost Horse Intrusion diorite



Almost entirely post mineral cover away from trenches





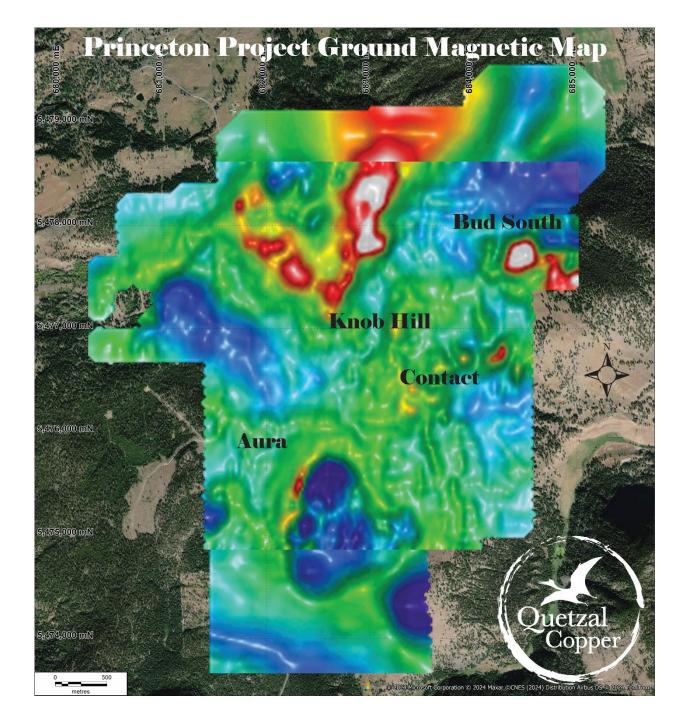
### Princeton Aura/Contact

No drilling

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- Anomalous copper-in-soil data on them
- Geophysical anomalies in highly
  prospective Triassic-Jurassic geology
- These distinctive magnetic features with coincident IP chargeability are worth exploring.
- Analogous to Copper Mountain and many other porphyry systems in the Triassic-Jurassic belt

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# **Copper Mountain Discovery**

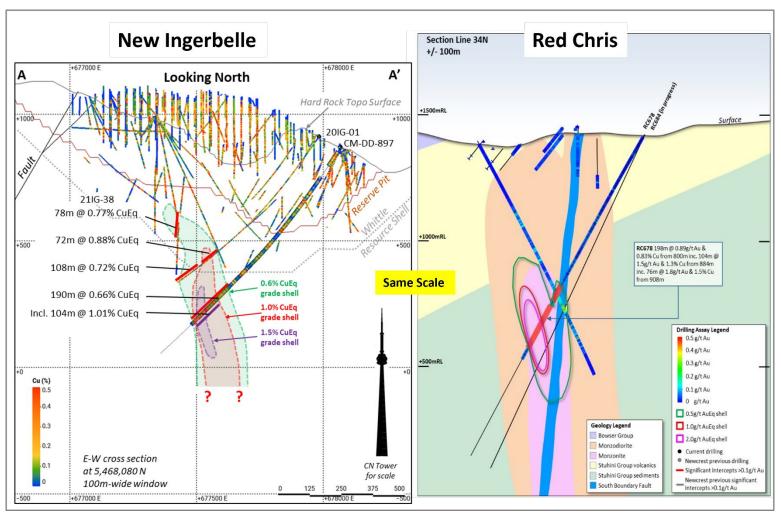
Deeper drilling in June 2023 at Copper Mountain shows high grade potential of Princeton area

104 m grading 1.01% CuEq\* including a >1.5% Cu subzone

Copper Mountain made the comparison to Red Chris Mine (Newcrest)

New Ingerbelle is geophysically similar to Princeton targets





\*Mineralization hosted on adjacent and geologically similar property and is not necessarily indicative of mineralization hosted on the Company's property CuEq was calculated using metal prices of US\$3.60, US\$1,650, and US\$21.35 for Cu, Au, and Ag, respectively, with no metal recovery factors applied. Source: https://cumtn.com/investors/press-releases/2023/copper-mountain-intersects-highest-grade-copper-go-5459/

### Princeton Copper Drill Program

The work plan includes drill testing Bud South, Knob Hill, Contact, and Aura in 2025

Based on results, the program will expand on success

Economic hurdle is low. It has excellent infrastructure, a great work force, and is just 5km north of the Copper Mountain Mill.





### **DOT Property**

Option to earn a 100% interest

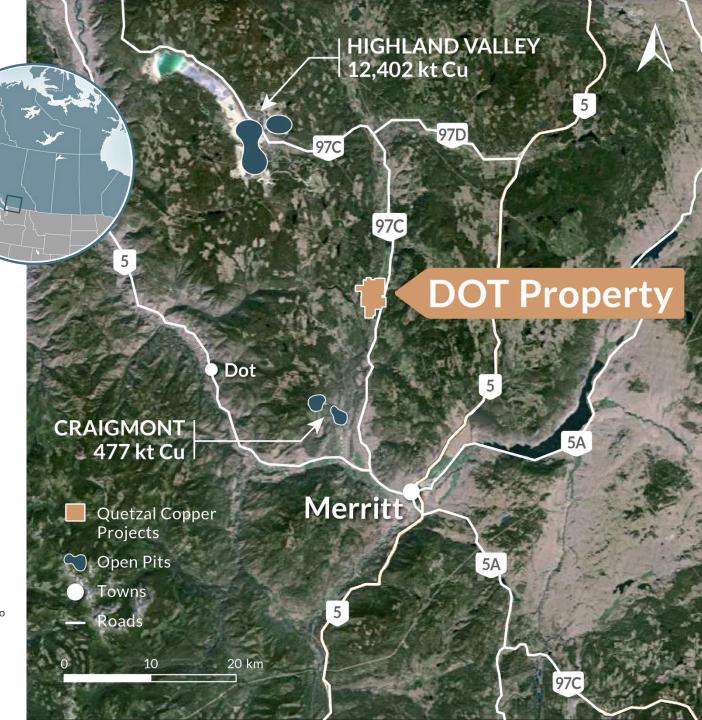
- 846 Ha property located 20 km from the Highland Valley and 13 km from the Craigmont Mine
- All season road access and just 25 km from Merritt, B.C.
- Non-compliant historical resource in five zones is 6.5 Mt at 0.50% CuEq indicated and 6.6 Mt at 0.38% CuEq inferred\*
- Resource calculated using \$3.00/lb copper, \$18.00/oz silver, and \$1,200/oz gold.

\*Source: Robinson, 2010: Technical Report on a Diamond Drill Program and Mineral Resource Estimate for DOT Resources Ltd's Dot Property. Not treated as current by Quetzal Copper. CuEq% was calculated using metal



prices of US\$3.00, US\$1200, US\$18, and \$US14 for Cu, Au, Ag, and Mo trioxide respectively, with no metal recovery factors applied.

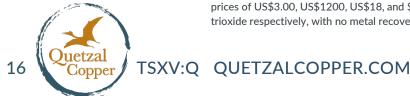
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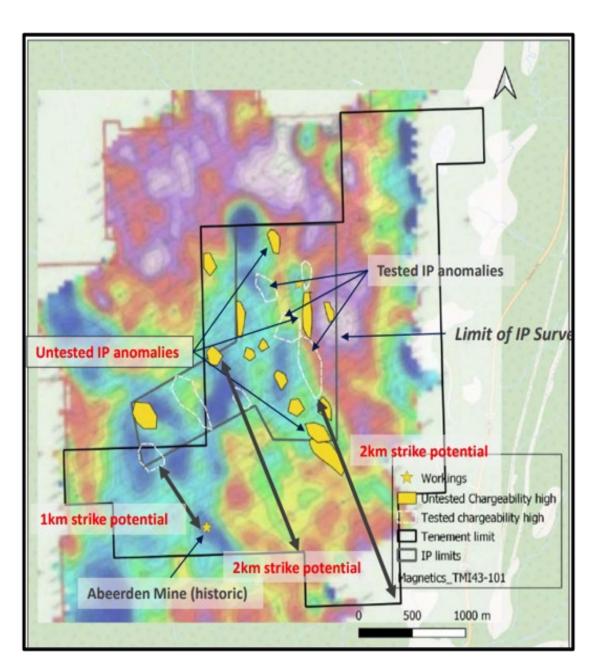
### **DOT Property**

- Mineralized zones occur in wide, strongly-altered, steeply dipping fault/shears. Argillic alteration is pervasive in the fault zones that host mineralization.
- Copper mineralization occurs with elevated silver, gold, and molybdenum values.
- The resource contains large widths of high-grade copper\*:
  - 81-13: 30.2 m @ 1.32% Cu
  - 81-18: 27.4 m @ 2.58% Cu
  - 92RCD: 76.2 m @ 0.91% Cu
- Most drill holes ended at just 300 meters. One extended to 450 m total depth.

\*Source: Robinson, 2010: Technical Report on a Diamond Drill Program and Mineral Resource Estimate for DOT Resources Ltd's Dot Property. Not treated as current by Quetzal Copper. CuEq% was calculated using metal



prices of US\$3.00, US\$1200, US\$18, and \$US14 for Cu, Au, Ag, and Mo trioxide respectively, with no metal recovery factors applied.



### **DOT Work Program**

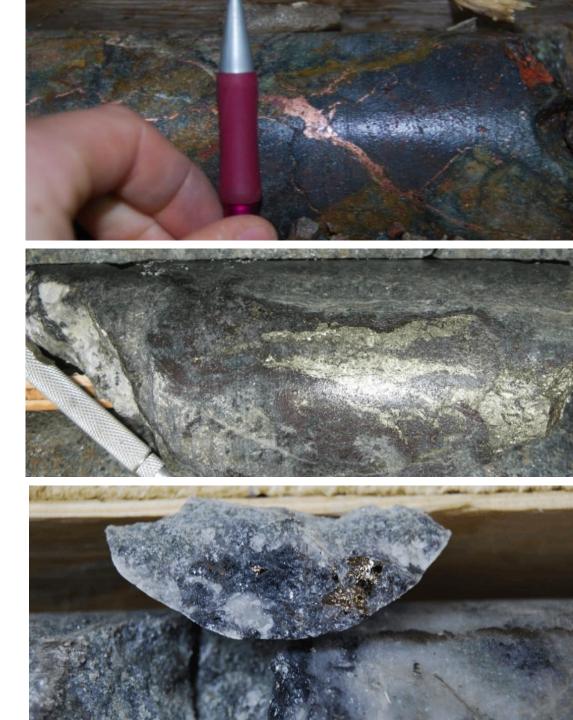
Open Historical Resource –where is the porphyry driving the mineralization?

Work Program for permitting

- A comprehensive IP survey across the property.
- Drill program at the East Zone
- Drill program at the Northwest Zone
- Trench and drill the north portion of the Southeast Zone to extend high-grade.
- Follow up Hole 96-16, which ended in open mineralization
- Preliminary metallurgical testing

\*Robinson, 2010: Technical Report on a Diamond Drill Program and Mineral Resource Estimate for DOT Resources Ltd's Dot Property



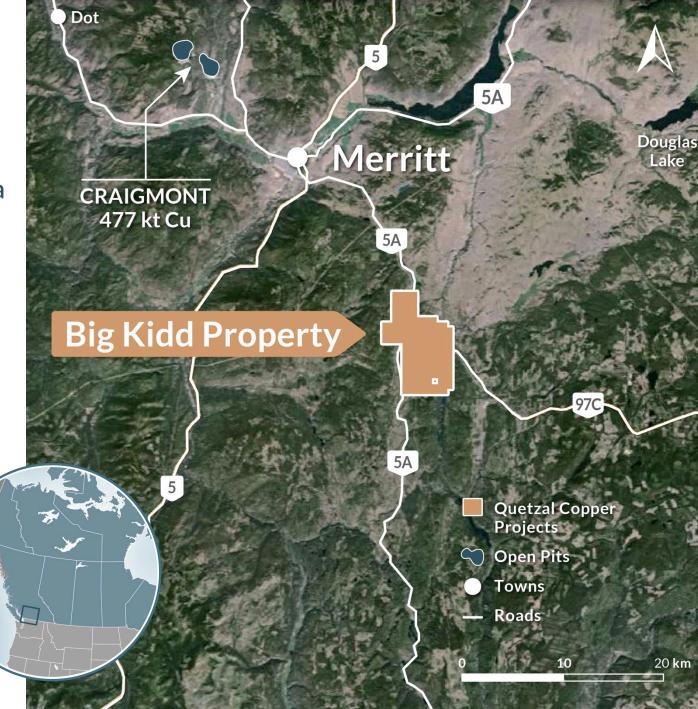


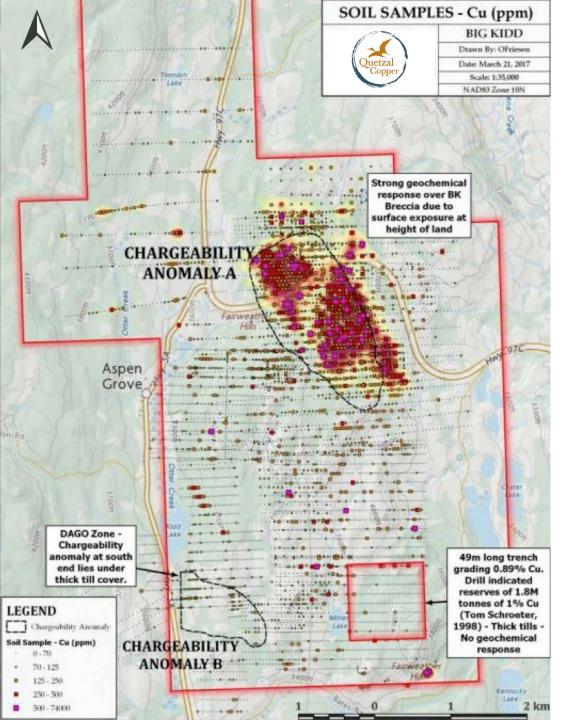
# **Big Kidd Property**

#### Option to earn a 100% interest

- Big Kidd is a 4,055 Ha property in the Nicola Volcanic belt. It sits 65 km north of the Copper Mountain mine
- Xstrata Explored the project in the early 2010's collecting high quality datasets
- 25 km southeast of Merritt, B.C.
- Powerline adjacent to the BK Breccia zone
- Logging roads throughout the property







# **Big Kidd Historic Results**

Three known zones: BK Breccia, Big Sioux, and DG.

BK Breccia is a large area of gold rich intercepts

- DDH92-01: 75 m @ 0.75g/t Au and 0.25% Cu
- DDH97-04: 62.5 m @ 0.95g/t Au and 0.17% Cu
- DDH97-05: 116 m @ 0.79g/t Au and 0.12% Cu
- DDH97-05: 116 m @ 0.79g/t Au and 0.12% Cu

Xstrata identified targets and drilled them.

A review of the Xstrata drilling shows new targets using alteration vectors from drill holes and geophysics



### **Big Kidd Did the hole stop short?**

Xstrata found a large chargeability anomaly and drilled part of it with one hole

Alteration zoning and increasing chalcopyrite:pyrite ratio suggest the bottom of the hole is approaching a porphyry system, but was stopped short

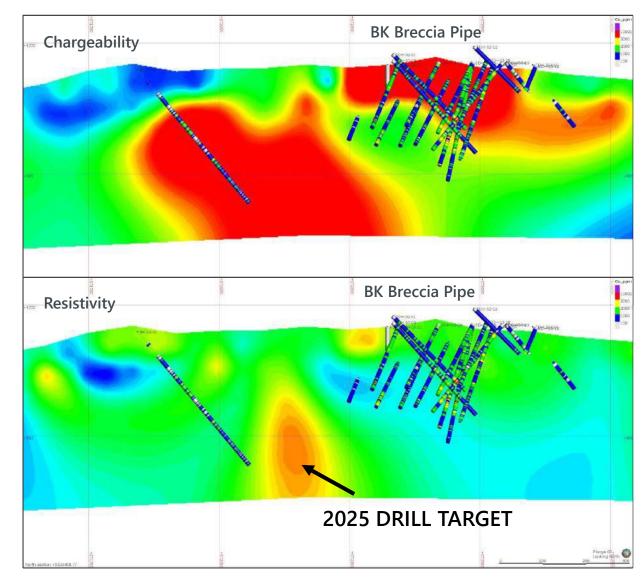
There must be a porphyry system driving the large alteration system at Big Kidd.

The BK Breccia and DG Zone show it's capable of producing high grades

Xstrata geophysics shows a porphyry shaped resistive and chargeable target to the east of the hole and to the west of the BK Breccia. *This is the target* 

A second similar target occurs to the north







#### QUETZAL COPPER (TSXV: Q)

THE BUSINESS OF EXPLORATION IS NOT ABOUT USING THE LATEST GADGETS. ITS ABOUT USING SCIENCE TO ANSWER BASIC QUESTIONS THAT WILL ADD VALUE TO A PROJECT.

AT QUETZAL COPPER, WE LOOK FOR PROJECTS WITH LOW RISK (FROM PREVIOUS WORK, PROXIMITY TO INFRASTRUCTURE, AND MINERAL ENDOWMENT) AND HIGH REWARD (LARGE SCALE AND HIGH-GRADE POTENTIAL).

EXPLORATION IS ABOUT CREATING WEALTH FROM INTELLECT. THAT MEANS FINDING PROJECTS WITH HIGH-QUALITY UNKNOWNS, TESTING THEM IN INNOVATIVE WAYS, AND EITHER ADVANCING OR MOVING ON.

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#### **Princeton Property Terms**

Quetzal can earn 80% ownership of the Princeton Project by completing the following:

• Making cash payments to the underlying vendor of C\$120,000 per year until 2028

Phase one to 80% over eight years;

- Issue 3.3 million shares on April 29, 2024
- Issue 6.75 million shares on April 29, 2026
- Complete a CIMM and NI 43-101 compliant Feasibility Study;
- Complete minimum expenditures of C\$1,000,000 per year during eight-year period (which can be carried over year to year);
- Complete minimum expenditures of C\$15,000,000 before the end of the eight-year period
- If Quetzal does not complete a feasibility study within the eight-year period (but does complete the minimum expenditures), then Quetzal can maintain its right to earn an 80% interest by spending a minimum of C\$1,000,000 in expenditures each year

After Phase One the vendor will hold a 20% participating interest, which will be carried to commercial production;

- Any project financing, and any debt financing which results in a security interest being granted over the project, will be done at the Joint Venture level and shared pro rata by the partners;
- 90% of the vendors after tax revenue will be used to repay its percentage

Quetzal notes that the Copper Mountain Mine is operating on the claim package immediately adjacent to the Princeton Property. Quetzal Copper has no interest in this project.



### **Big Kidd Property Terms**

Quetzal can earn 100% ownership rights and titles to the concessions by completing the following:

- Pay C\$10,000 on November 14, 2022
- Pay C\$140,000 on January 14, 2023
- Pay C\$200,000 on November 4, 2024
- Pay C\$200,000 on November 4, 2025
- Pay C\$200,000 on November 4, 2026
- Pay C\$350,000 cash or issue shares to the same value on November 7, 2027
- Issue C\$300,000 in shares upon completion of 40,000 m of drilling
- Issue C\$1.2 million in shares upon completion of a Pre-Feasibility study
- Issue C\$2.0 million in shares upon completion of a Feasibility study



#### **DOT Property Terms**

Quetzal can earn 100% interest in the mineral claims known as Dot by completing the following:

- Pay C\$160,000 on October 1, 2023
- Pay C\$50,000 on January 1, 2024
- Pay C\$75,000 on January 1, 2025
- Pay C\$100,000 on January 1, 2026
- Pay C\$125,000 on January 1, 2027
- Completing a Pre-Feasibility study or make a cash payment of C\$3 million on or before February 17, 2027

