

 **MOTHER LODE**

CHAMBER OF MINES OF EASTERN BRITISH COLUMBIA
A non-profit bureau of information providing authentic, reliable data to the
General public and the mining industry of Eastern British Columbia
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NEWSLETTER

Note: The views of contributors to this newsletter do not necessarily reflect the views of the Chamber

***Chamber of Mines of Eastern BC Hours
Monday - Friday from 10am – 3pm***

We had lots of people come by our public outreach table in June at the Castlegar Rock, Gem and Fossil show to view some our specimens and to learn about how minerals are used in our daily lives.





June 21st, 2022

Rokmaster Provides Update on the Revel Ridge Project

Rokmaster Resources Corp. is pleased to provide an update of the exploration programs at the Revel Ridge Project (“Revel Ridge” or “the Project”).

The spring 2022 drill program concluded on June 15, 2022 which had a total of 3,246 metres of drilling in ten drillholes, all of which successfully intersected the Revel Ridge deformation zone structure. All drill core samples have been delivered to the laboratory and results will be published as they are compiled. Rokmaster has now completed approximately 34,000 metres of drilling in 95 drillholes since September 2020.

With the recently achieved overall gold recoveries of 96.8% (see June 1st, 2022 [News Release](#)), Rokmaster is eager to incorporate its repeatable gold extraction process together with its expanded drill program results towards an updated Preliminary Economic Assessment (“PEA”) which is expected to be completed in the fourth quarter of 2022.

Commencing in July 2022, the Company plans to initiate its summer drill program totalling approximately 5,000 metres. This program will test the main deformation zone from surface to the southeast, including the Zinc Creek showing area which occurs along strike approximately 950 m to the southeast, and shares many characteristics of the Revel Ridge Main Zone (“RRMZ”) mineralization. The program will also test the RRMZ and Yellowjacket Zones (“RRYZ”) to the northwest, down-dip from certain 2021 surface drillholes which returned strong RRMZ and RRYZ intersections.

The current resource at Revel Ridge consists of:

- Measured & Indicated (M&I): 1.36 million gold equivalent (“AuEq”) ounces contained within 6.73 million tonnes with an average grade of 6.27 g/t AuEq.*
- Inferred (Inf): 1.22 million AuEq ounces contained within 6.00 million tonnes at an average grade of 6.33 g/t AuEq.*

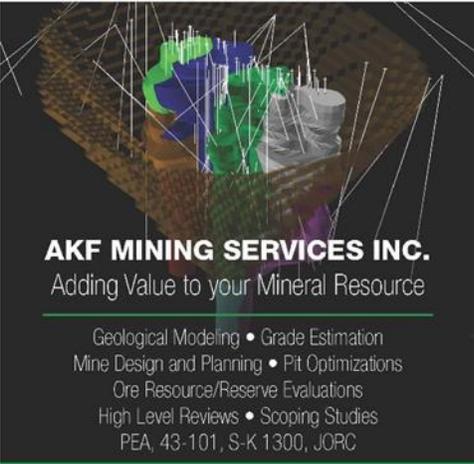
John Mirko, President and CEO of Rokmaster stated:

“Rokmaster’s aggressive drill programs continue to target areas well outside of the current Mineral Resource boundaries, with previously revised AuEq values documented in the Measured, Indicated, and Inferred early 2022 Mineral Resource Estimate. Rokmaster previously added significant AuEq ounces in every classification, and with the Revel Ridge Project hosting one of the largest undeveloped orogenic polymetallic-gold deposits in the Western Cordillera, we are optimistic about continued expansion with each successive drill program. The RRMZ currently has a strike length exceeding 3.2 km with a down-dip extent exceeding 1.2 km as defined by diamond drilling. Geological and geochemical data suggests that the Revel Ridge deformation zone, the structure hosting the RRMZ mineralization, has a strike length exceeding 6 km so the potential area to explore is nearly double the current extent of the RRMZ. Given the recent metallurgical test achievements showing overall gold recoveries of 96.8% in the Revel Ridge Main Zone and the continued expansion of known mineralized zones, I’m confident the Revel Ridge Project has been significantly de-risked and is on track to moving Rokmaster closer to achieving its goal of becoming a significant producer.”

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July 6th, 2022

West Mining Announces 2022 Exploration Program Kena Gold-Copper Project, BC

West Mining Corp. is pleased to announce the commencement of diamond drilling on its 100% owned Kena Gold-Copper project in southeastern British Columbia. The over 9000 hectare Kena Project, consists of the Kena, Daylight and Athabasca Properties which trend along a 20 kilometre long favourable mineralized belt.

The Kena Property hosts several gold mineralized zones, most notably the Kena Gold and Gold Mountain Zones included in the recent resource estimate hosting 2.77 million ounces of gold inferred and 0.56 million ounces of gold indicated at 0.25 g/t cutoff (see News Release dated May 11, 2021). 3D modelling and imagery has identified drill targets for expansion to the north and northwest of the open ended gold resource on the Gold Mountain Zone. Gold in the resource area consists of high grade shoots surrounded by broad envelopes of disseminated gold mineralization (see News Release dated March 16, 2022). The initial 2022 diamond drilling will consist of 10 drill holes in this expansion location.

“We are pleased to be commencing our drill program on the Kena Project. Along with anticipated results from the fully funded 2022 program and taking in the fact that the successful 2021 season results are still to be assimilated into the resource calculations, the Company is well positioned to expand upon the previously defined gold resource. Our experienced geological and drilling crews give us a strong probability for success,” states Nicholas Houghton, CEO of West Mining Corporation.

Coincident with the ongoing diamond drilling program, metallurgical test work is currently being completed by Bureau Veritas Commodities Canada Ltd, Metallurgical Division with results anticipated soon.

<https://www.westminingcorp.ca/>

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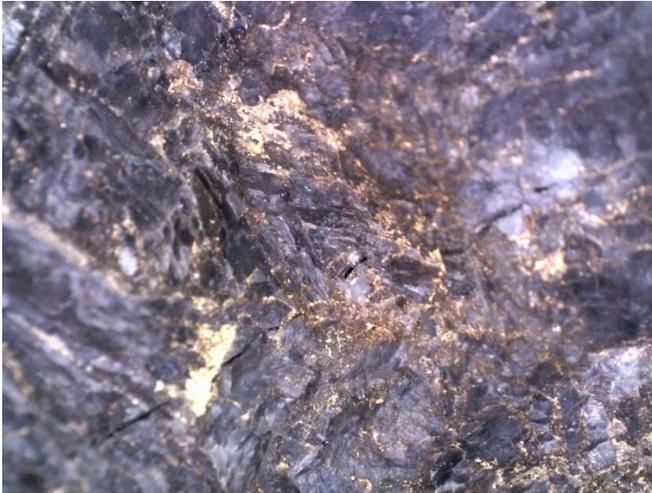


www.actlabs.com

Chamber report by Brad Gretchev:

It has been a busy couple months here at the Chamber with lots of tourists and eager explorers coming through the Chamber to see our mineral specimens and to ask questions.

We would like to thank Catherine Filbert for her donations of mineral specimens from the Craigmont Mine and beautiful specimens of gold from the Venago Mine and the IXL Mine as well as a diamond weigh scale.



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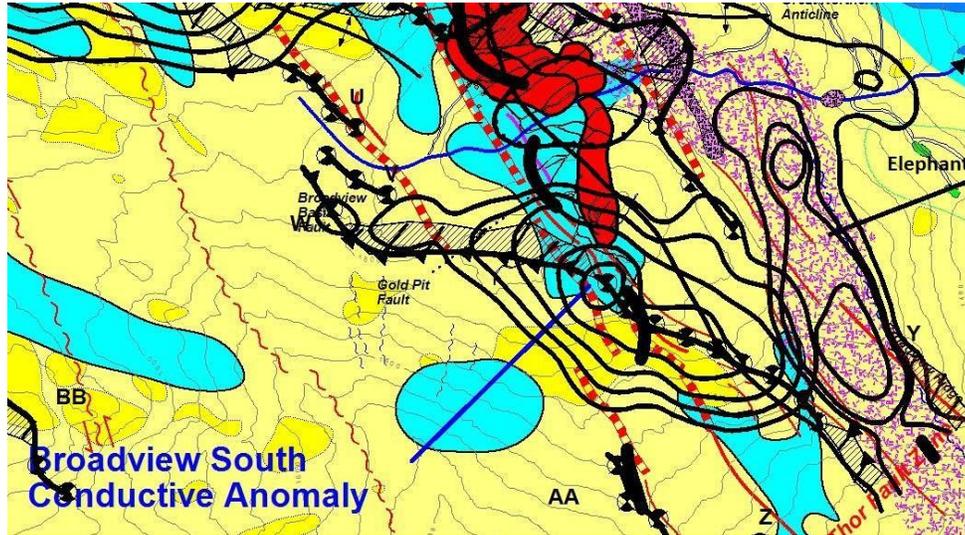
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July 21st, 2022

Taranis Begins Drilling at Thor and Initiates Detailed Investigation of Airborne Targets, Including Alteration Mapping Related to Porphyry Target



Taranis Resources Inc. has launched drilling and surface exploration campaigns on its 100%-owned “Thor” Silver-Zinc-Gold-Lead-Copper polymetallic project in Southeastern British Columbia.

Several holes have been planned to expand on the Thunder Zone discovery made in 2021. The Thunder Zone is the northwestern extension of the epithermal deposit, and remains open to further definition drilling along strike. In addition to drilling the Thunder Zone, Taranis will conduct detailed geophysics and soil sampling around three major conductivity trends established by the airborne geophysical survey in preparation for permitting and drilling.



The company's exploration strategy is twofold: to deepen the geological understanding of the known epithermal Mineral Resource and increase its size; furthermore, Taranis will conduct detailed investigations of the epithermal deposit's underlying intrusive source – including documenting alteration haloes, and peripheral conductivity trends - to generate new exploration targets. John Gardiner, P.Geol. and CEO of Taranis states, "We suspect are working with an intact linked epithermal-porphyry system at Thor. After successfully confirming the epithermal model in 2021, we flew an airborne MobileMT survey over the project in May of 2022 that was aimed at understanding a feature that was historically called the 'Intrusive Target'. The data from those surveys has reinforced the interpretation that there is an intact porphyry source present below the epithermal Mineral Resource. If this concept is borne out by drilling, the 'Elephant' at Thor and the nearby Max molybdenum deposit would be the easternmost cluster of porphyry bodies in British Columbia"

Increasing Evidence for the Existence of an Intrusive Below the Epithermal Mineral Resource

One of the telltale signatures of a porphyry deposit is the presence of a magnetic anomaly which transects the regional structural host rocks. The five historic mines and distinctive vein-style mineralization at Thor are hosted within the Silver Cup Anticline – but the airborne MT survey, which included mag, identified a large and highly magnetic body (referred to as the "Elephant" or "Elephant's Body") that crosscuts obliquely across the Silver Cup Anticline. The magnetic body also has a close spatial association with the known epithermal mineral deposits. Magnetite is a common component of porphyry copper deposits in British Columbia – particularly within potassic alteration zones, which are intimately associated with porphyry bodies.

Three Major Conductivity Trends

The airborne MT survey also identified three major WNW-trending conductive features that emanate from the west side of the NW-striking Elephant intrusive target, and are known as the Broadview South, Western Deeps, and Thunder North targets. The reason for the elevated conductivity of these features is unknown, but their spatial configuration suggests they are associated with large faults that may host significant concentrations of precious and base metals. Mr. Gardiner states, "These are large targets - up to 1,500 m in strike length, and each may host additional epithermal deposits similar in size and composition to the "Elephant's Trunk" which currently comprises the entire NI 43-101 Mineral Resource at Thor." These conductive features are known to occur under parasitic anticlines associated with the main Silver Cup anticline, below the impermeable Broadview Formation that forms the caprock in the main Thor deposit. The targets also occur under areas of elevated topography which indicate the presence of substantial propylitic/phyllitic alteration of the rocks above the conductive features.

Broadview South Conductivity Target

Field investigation of the first of the three conductive targets has commenced, and consists of geophysical gridding, magnetometer and VLF surveys. Soil sampling will also be undertaken to better characterize the subsurface geology and provide drilling targets.

Alteration Studies (Epithermal and Porphyry Deposits)

Understanding alteration zoning is an important aspect of exploration for both epithermal and porphyry deposits. There is considerable alteration found at Thor that is associated with both the narrow, but high-grade epithermal deposit, and typically it consists of widespread sericitization and silicification. Geologic mapping has also shown the presence of widespread alteration related to the Elephant, and some of this alteration extends upwards of 500m from the concealed intrusive target. The formal identification and accurate mapping of alteration associated with this feature will aid in drilling of this important exploration target. It is rare to have an intact, uneroded porphyry deposit in British Columbia, and one that is hosted entirely within sedimentary rock. Despite this unusual setting [to quote porphyry expert Corbett]...many quality porphyry copper-gold (Grasberg, West Papua; Bingham Canyon, U.S.) and intrusion-related gold deposits (Porgera, Papua, New Guinea) do not occur in association with related volcanic rocks.

<https://www.jigmining.com/thor-deposit.html>



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GRIZZLY DISCOVERIES INC.June 9th, 2022

Grizzly Provides Update On 2022 Drilling Plans For Its British Columbia Precious And Battery Metals Projects

Grizzly Discoveries Inc. is pleased to announce that the Company is currently reviewing proposals for core drilling during the 2022 exploration season. The Company is permitted for initial drilling programs at its Motherlode and Dayton Prospects in the Greenwood area, BC and is currently in the process of obtaining the required permits for drilling at the Robocop Project near Grasmere, BC.

Dayton and Motherlode Targets

Grizzly is anticipating that the drilling program will likely commence at Greenwood in August and will begin with drilling at either the Dayton copper-gold-silver (Cu-Au-Ag) porphyry target near Rock Creek or at a number of skarn related targets in and around the historical Motherlode Pit area 3 km northwest of the town of Greenwood. All the drill targets are road or trail accessible and located close to excellent infrastructure. Once permits are received for drilling at the Robocop Project either a second drill rig will be engaged to complete the Robocop drilling or the rig engaged for the Greenwood drill program will be shifted to the Robocop Project.

The Dayton IP2 target (an induced polarization chargeability anomaly) was tested by Grizzly with a single hole in 2011 and intersected potassic altered volcanics and intrusives with a near surface intersection of 0.15% Cu and 0.43 g/t Au (or 0.4% CuEq*) over 51 m core length starting at a depth of 3m.

The Motherlode skarn targets are comprised of Au-Ag-Cu +/- lead-zinc (Pb-Zn) in proximity to the historical producing Motherlode Mine, which produced significant amounts of Cu, Au and Ag. Prior drilling by Grizzly about 700 m north of the historical open pit intersected up 17.15 grams per tonne (g/t) Au, 41.7 g/t Ag, along with , 0.56% Pb and 1.51% Zn over 1.5 m core length.



Other Exploration

The 2022 surface exploration program for the Greenwood Precious-Battery Metals Project and the Robocop Battery Metals Project will comprise soil and rock sampling, along with ground geophysical surveys followed by drilling at both projects in southern BC. Grizzly will focus efforts at a number of new and existing high-priority battery metals targets at Robocop (copper, cobalt and silver) and precious metals – battery metals targets at Greenwood (gold-silver-copper and other based metals). The ground exploration will be focused on or near prospective targets to be drilled during 2022 as well as a number of other high priority exploration targets. Recent geophysical results have outlined large areas with anomalous geological potential for new discoveries at both projects.

Surface exploration has commenced for the 2022 program with ground crews currently conducting prospecting and soil sampling in the Rock Creek area. Other targets to be examined and sampled this year in the Greenwood Project area with a view of determining additional drilling targets include the Prince of Wales Au-Cu skarn target and the Mabel Jenny Cu-Au skarn/porphyry target in the Copper Mountain area, the Attwood – Overlander skarn and epithermal precious metal targets in the vicinity of the Lexington and Golden Crown mines east of the town of Greenwood, and the Sappho alkalic porphyry/skarn target with Cu-Au-Ag and significant platinum (Pt) and palladium (Pd). Prior drilling by Grizzly intersected up to 1.0 g/t Au, 4.65 g/t Ag, 0.03% Cu and 0.3% Zn over 30 m core length at the Prince of Wales Target at Copper Mountain, and up to 0.31% Cu, 0.75 g/t Au, 0.34 g/t Pt, 0.39 g/t Pd and 6.57 g/t Ag over 6.5 m core length at the Sappho Target south of the town of Greenwood near the US border.

Brian Testo, President and CEO of Grizzly Discoveries stated “We look forward to the start of the 2022 program after completing a significant financing that will allow us to complete our long awaited drill programs at the Robocop Battery Metals Project and at our Greenwood Precious Metals-Battery Metals Project. Grizzly has significant potential for new copper-cobalt and copper-precious metal discoveries during a time when demand for battery metals is surging due to the shift to renewable energy sources and electric vehicles. We are looking forward to commencing an initial Phase 1 program over the next couple of months to isolate drill targets in preparation for a Phase 2 - 2022 drill testing. The geology of the Robocop and Greenwood areas has the potential to yield world-class discoveries.”

**CuEq calculated using a price of \$US1,750 per oz Au and \$US4.00 per pound for Cu*

<https://www.grizzlydiscoveries.com/>



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