



# **MOTHER LODE**

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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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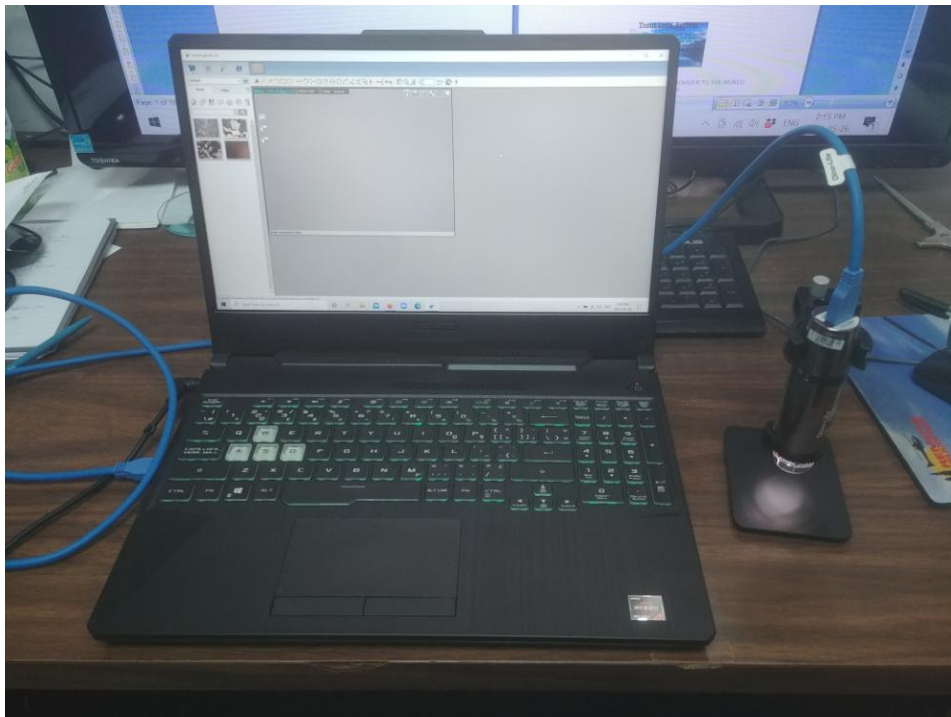
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## **NEWSLETTER**

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, Wednesday and Friday from 10am – 3pm***

**Thanks to the Columbia Basin Trust for our 2021 Tech Grant!  
We were able to purchase a new laptop and the newest 5.0 Megapixel DinoLite.**





TARANIS RESOURCES INC.

May 13<sup>th</sup>, 2021

## Taranis Expects Permit Decision on 10,000 tonne Pilot Milling Permit

Taranis Resources Inc. is pleased to provide an update on its 100% owned Thor precious-base metal deposit located near Trout Lake, British Columbia. The property includes 3,153Ha of Mineral Tenures, as well as 27 Crown Grant Mining Claims. Taranis has received a Draft Mines Act Permit for construction of a facility that would process 10,000 tonnes of material from the Thor Ag-Au-Pb-Zn-Cu deposit. The Company has been informed that the permit application will be reviewed by the statutory decision-making authority within British Columbia's Ministry of Energy, Mines, and Low Carbon Innovation ("EMLI"), and a decision on issuing the permit will be made shortly. Since acquisition of the project in 2006, Taranis has completed 242 drill holes and 148 channel samples at Thor, establishing a high-grade mineral resource that occurs near surface, and over a strike length of 1.5 km. Previous analytical results suggest that in addition to the five main metals of interest, other strategic metals are found that include antimony, gallium, tin, and indium that may contribute additional value. The bulk sample will test the existence and quality of both the major and strategic companion metals. Taranis is also pleased to announce that because of the B.C. Ombudsperson's review of the Thor bulk sample permit application, EMLI has now made public its new policies for Bulk Sampling and Pilot Milling in British Columbia. The EMLI website outlines the procedure and extensive requirements for undertaking bulk samples and pilot milling. Although this policy was not available to Taranis during our permit application, Taranis, EMLI and the B.C. Ombudsperson were instrumental in getting the policy published for the benefit of the exploration community in British Columbia. Although the bar sets very-high standards for exploration and mining companies, the policy incorporates measures that assure success for responsible operators and stakeholders. Comment John Gardiner, President and CEO states "Taranis is keen to undertake the bulk sampling and pilot milling project at Thor, as it will allow our company to collect valuable data to undertake a pre-feasibility study of developing the Thor deposit. In addition to this activity, we plan on continuing to grow the deposit with exploration drilling of the permitted Ridge and Intrusive targets. These are high-impact exploration targets that could add considerable growth to the northwest and under Thor".

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



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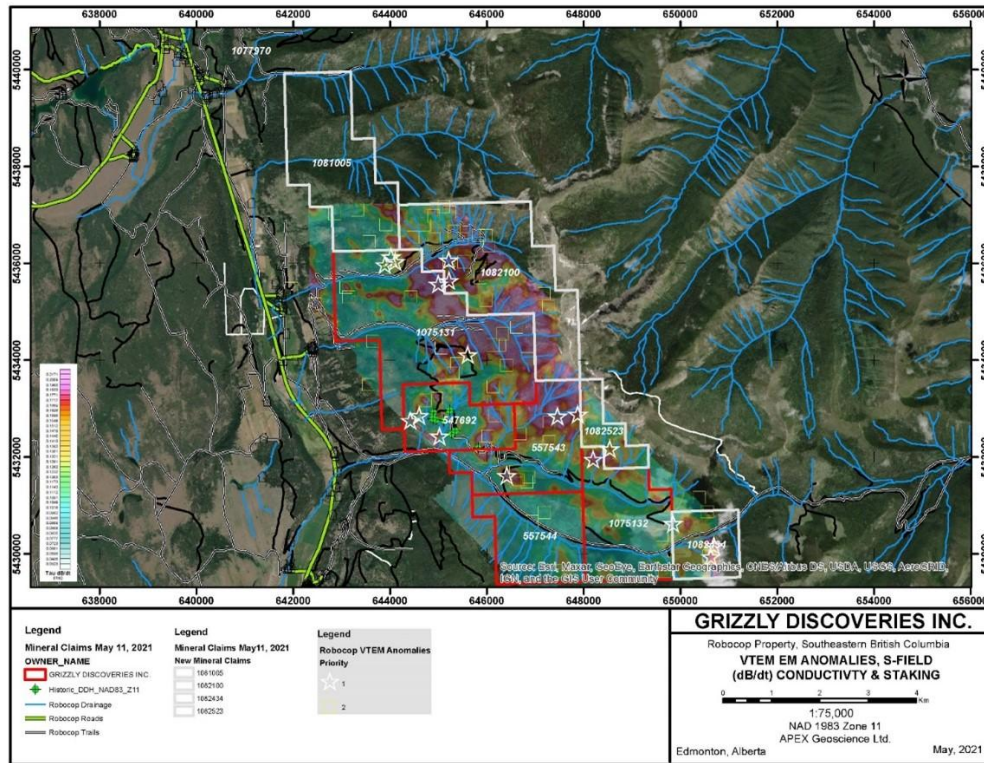
**GRIZZLY DISCOVERIES INC.**May 17<sup>th</sup>, 2021**Grizzly Outlines 18 High-Priority Battery Metals Targets and Expands Land Position in Southeastern British Columbia, Canada**

Discoveries Inc. is pleased to announce 18 high-priority conductivity anomalies have been identified at its Robocop Property following analysis of the recent 400 line-km Versatile Time Domain Electromagnetic (“VTEM™”) and magnetic survey data. Grizzly is planning additional field work over the high-priority anomalies during its 2021 exploration program. The Robocop Property is 100% owned by Grizzly and is easily road accessible in Southeast British Columbia (the “Property”), near the hamlets of Grasmere and Roosville.

*Brian Testo, CEO of Grizzly commented, “Grizzly has significant potential for new copper-cobalt 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 months to isolate drill targets in preparation for a Phase 2 - 2021 drill testing. The Robocop geology and anomalies have potential for world-class discoveries.”*

The Company has engaged consulting geophysicist Mr. Martin St. Pierre, P. Geophysicist, of St. Pierre Geoconsultant Inc. to review and interpret final data provided by Geotech Ltd. From the VTEM™ and magnetic survey. Mr. St. Pierre has provided a preliminary list of 80 conductivity (EM) anomalies, with 18 of the anomalies considered priority anomalies to follow-up with additional investigation during 2021 (Stars on Figure 1 below). Based upon several anomalies near the edges of its Property the Company has staked an additional 1,609 hectares (3,976 acres) surrounding its existing Robocop claims. The additional acreage is shown in Figure 1 below and brings the total property land holdings to 3,981 hectares (9,868 acres).

Fig 1. New mineral claims (in white outlines) on a map of calculated time constant TAU values for conductance for S Field (dB/dt) with Cu in rocks & soils.



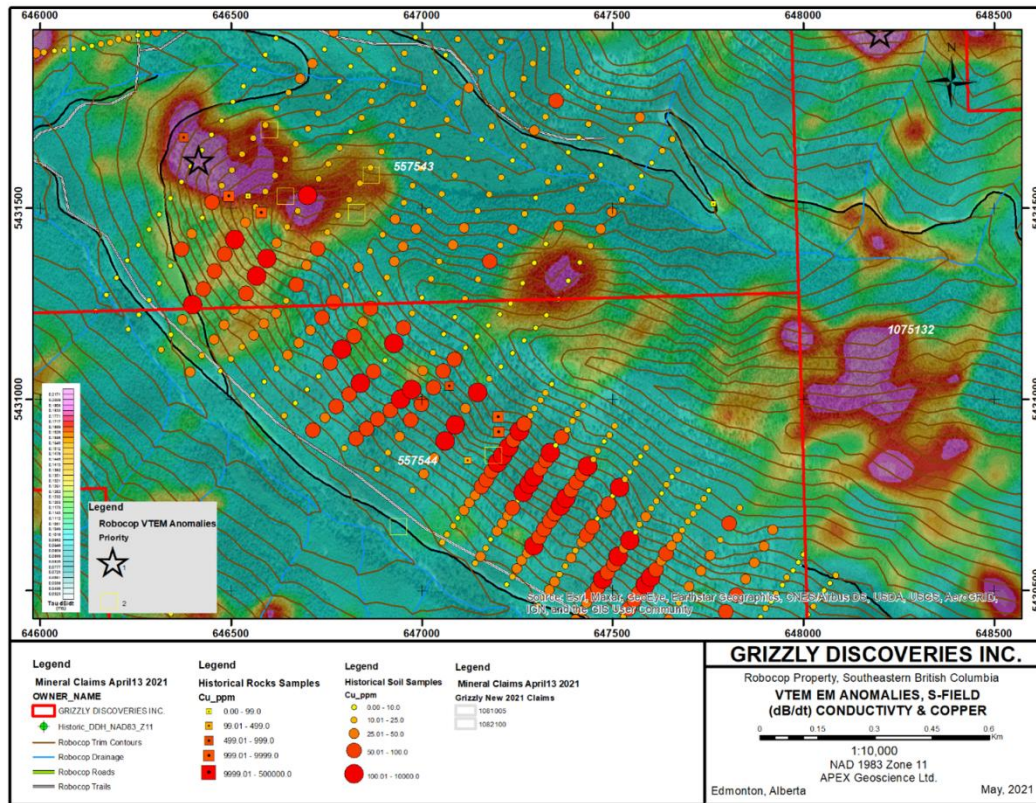
The VTEM™ survey was flown at 100 metre line spacing and, provides the first property-wide, high resolution geophysical images of the Property. Geotech Ltd. has provided initial finalized data and it confirms the presence of a number of EM (conductance) and magnetic anomalies that will require follow-up review and modelling leading to ground-based exploration, including drill testing during fall 2021. Mr. St. Pierre has been engaged to review the data, model conductive bodies, and recommend the next steps for exploration including ground geophysical surveys and potential drill targets for land use permitting. A number of high priority targets have been identified with some in close proximity to known copper (Cu)-cobalt (Co)-silver (Ag) geochemical anomalies identified in historical rocks grab samples and soils. Figure 2 below provides an example of one such target (Anomaly 13-3) and it shows the presence of a buried series of EM anomalies along a ridge with a significant down-slope Cu-Co-Ag anomaly on the south face of the ridge.



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Fig 2. EM anomalies (including high priority anomaly 13-3 as a black star) on a map of conductance for S Field (dB/dt) with Cu in rocks & soils.





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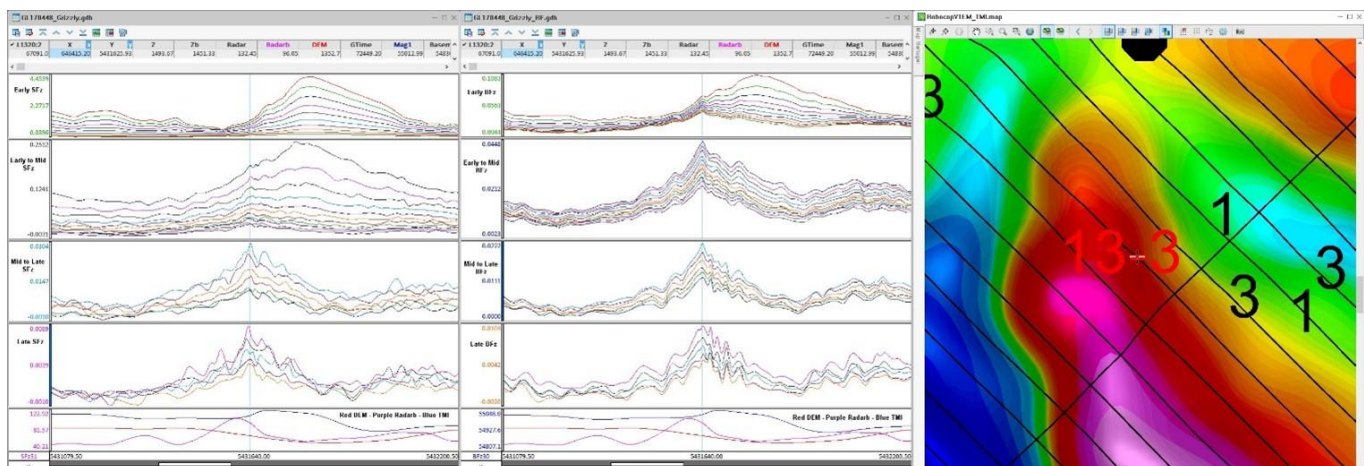
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Figure 3 below shows a conductivity time channel profile of EM anomaly 13-3 and its relationship to the local total field magnetics. The anomaly shows up well in the mid to later time channels, suggesting it is buried. However, it is a potential target for the source of the anomalous Cu-Co-Ag mineralization that has been obtained from soil and rubble on the south slope of the ridge. The anomaly warrants follow-up exploration including ground geophysics and drill testing. The VTEM™ survey is the first of a number of modern exploration techniques that will be employed in 2021 to explore and develop the Robocop Co-Cu-Ag Project. The VTEM™ dataset will help to better define the geological model of the Property and to target conductive portions of the assemblage, potentially those portions associated with both stratigraphic and vertical structural anomalies, and in particular those that might be associated with sulphide minerals and Co-Cu-Ag mineralization, in advance of a planned 2021 drilling campaign. The survey has identified a number of intermediate to deep (200 m to 300 m depth) EM anomalies that may be indicative of the presence of sulphide and/or alteration such as argillic-sericitic alteration types.

Mineral claims 1081005, 1082100, 1082434 and 108 2523 were staked to protect the possible extension of a number of visible conductive anomalies identified by the VTEM survey (Figure 1).

*Fig 3. EM anomaly 13-3 in profile showing SFz (dB/dt) conductivity in the mid to late time channels (as well as a positive B Field) shown on a map of the total field magnetics.*



The TAU S Field (dB/dt) EM anomalies are targets for further exploration and are currently being modelled and interpreted for specific targets for follow-up work. The anomalies visible on Figure 1 warrant follow-up exploration including prospecting, soil sampling and ground geophysical surveys including one or more of Induced Polarization (IP) and/or Time Domain EM (TDEM) techniques. Further integration of the geophysical interpretation with the geological model is ongoing and is required prior to commencing additional ground work. The additional work will include plate and/or inversion modelling along with an integrated structural and 3D model of the combined EM and magnetic data. The results of this work will be released as they become available.

The property is hosted within a similar geological setting to the Idaho Cobalt-Copper belt where conductivity (EM) and magnetic surveying techniques have been used previously to successfully guide drilling of prospective targets and assist in making new metal discoveries.

## HIGHLIGHTS FOR THE ROBOCOP PROPERTY

- The Robocop Project is comprised of 9,053 acres (3,663 ha) in five mineral claims that are all road accessible, just off Provincial Highway 93 in southeast B.C.
- Initial surface trenching in the late 1980's to early 1990's yielded up to **0.06% Co** and **1.93% Cu** over **6 metres (m)** in one trench, and in a separate trench up to **0.146% Co**, **1.8% Cu** and **5.3 grams per tonne (g/t) Ag** over **5 m** in sediment-hosted sulphide mineralization within middle Proterozoic Purcell Group rocks (Thomson, 1990).
- A total of 15 drill holes in the area between 1990 and 2008 have yielded several intersections of near surface Co-Cu-Ag mineralization with grades of up to **0.134% Co**, **1.19% Cu** and **33.8 g/t Ag** over **1.23 m** core length in hole R-1990-5 and **0.14% Co**, **0.9% Cu** and **2.7 g/t Ag** over **3.1 m** core length in hole R-1990-6 (Thomson, 1990), along with an intersection of **0.18% Co**, **0.28% Cu** and **4.1 g/t Ag** over **1 m** core length in hole R-2008-02 (Pighin, 2009).
- All but one of the historical drillholes tested a single target in an area about 500 m by 350 m. The Property is approximately 10 km in length and 3.5 km in width and contains at least four untested anomalous soil +/- rock geochemical targets.
- Sediment hosted Co-Cu-Ag mineralization is similar in style, age and host rocks to mineralization at Jervois Mining Ltd.'s Idaho Cobalt project and Hecla's Revett Formation hosted mineralization near Troy, Montana.

The Property has yielded significant historical cobalt, copper and silver results and presents an opportunity to discover battery and electrification metals as the world shifts to electric vehicles, sustainable practices and greener alternatives. The macroeconomic outlook for battery metals such as Co and Cu remains strong with the ongoing shift to electric vehicles. It is estimated that the battery sector accounts for approximately 57% of current Co demand; this is expected to grow over the next five years to 72% and will require an additional 100,000 tonnes/annum of Cobalt to meet expected demand.

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







May 25<sup>th</sup>, 2021

## Rokmaster Commences Inaugural Surface Drill Program

Rokmaster Resources Corp. is pleased to report that it has commenced its surface diamond drill program at the Revel Ridge Project. The program has been designed to explore the gold-silver-lead-zinc mineralization over an approximate length of seven kilometers of the Revel Ridge Structural Deformation Zone. The initial ~7,000 m first phase will target near surface resource immediately on-strike to both the Main and Yellowjacket Zones, as well as testing several additional high-grade occurrences four to five kilometers north and northwest of the 832 m Level Portal.

John Mirko, President and CEO and Rokmaster, commented: “We are at an exciting juncture as we expand from our very successful underground drill program to drilling from surface. The first phase of our underground drill program strongly confirmed and expanded on the exceptional continuity of the gold rich Main Zone mineralization and the silver-zinc rich Yellowjacket style mineralization. Our geological testing and prospecting team have traced promising surface showings from the 2020 sampling program which identified exposures of gold-silver-lead-zinc mineralization along a seven kilometer strike length, including the Zinc Creek, A&E, and Roseberry Zones. Historical rock and soil geochemical surveys, geological prospecting and limited diamond drill programs all strongly suggest that the probability of expanding both the gold rich Main Zone style mineralization and silver-zinc rich Yellowjacket style mineralization is high.”

Final compilation of the assay results from the last nine diamond drillholes of the phase one 2021 underground drill program are currently underway and final results are expected to be available shortly.

*The technical information contained in this news release has been prepared in accordance with Canadian regulatory requirements as set out in National Instrument 43-101 and reviewed and approved by Mark Rebagliati, P. Eng., FEC, who is independent of Rokmaster.*

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## Chamber report by Brad Gretchev:

We had a great time hosting the Grade 2/3 class from South Nelson Elementary. They were very engaged and had lots of questions.



Your memberships and donations are what keep the Chamber going so please renew or consider supporting us with a donation. All the best for 2021!!

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May 11<sup>th</sup>, 2021

## West Mining Corp. Announces a gold resource of 2,773,000 oz inferred and 561,000 oz indicated on its 100% owned Kena project

WEST MINING CORP. is pleased to announce the completion of an updated NI43-101 Technical Report on its 100% owned Kena and Daylight Properties, collectively known as the Company's flagship "Kena" Gold and Copper Project, located in the Nelson Mining District of southeastern British Columbia. This Report was completed by **Moose Mountain Technical Services** ("Moose Mountain" or "MMTS") and highlights over **2,773,000 ounces of gold in the inferred** category as well as over **561,000 ounces of gold in the indicated** category.

### Mineral Resource

The Table below summarizes the Total Mineral Resource estimate for the Kena Project. The base case cut-off grade within the "reasonable prospects of eventual economic extraction" constraining pit is 0.25 g/t gold (Au), as highlighted in Table 1.

**TABLE 1: MINERAL RESOURCE ESTIMATE (effective date March 25, 2021)**

Class	Cutoff Au (gpt)	Tonnage (ktonnes)	Au (gpt)	NSR (CDNS)	Au Metal (Koz)
Indicated	0.25	32,146	0.544	41.48	561.9
Inferred		177,508	0.486	35.57	2,773.1

*Notes for Tables 1 and 2:*

- 1. The Mineral Resource estimate has been prepared by Sue Bird, P.Eng., an independent Qualified Person.*
- 2. Resources are reported using the 2014 CIM Definition Standards and were estimated using the 2019 CIM Best Practices Guidelines.*
- 3. Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.*
- 4. The Mineral Resource has been confined by a "reasonable prospects of eventual economic extraction" pit using the following assumptions: US \$2000/oz. Au at a currency exchange rate of 0.77 US\$ per \$CDN; 99.95% payable Au, 96.5% payable Cu; \$4.30/oz Au offsite costs (refining, transport and insurance), 0.467 Cu offsite; a 3% NSR royalty; and uses a 88% metallurgical recovery for gold for all areas and 85% recovery for Cu in the Cu zone only.*

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*5. Pit slope angles are assumed at 45°.*

*6. The specific gravity of the deposit has been assigned as 2.8 based on sg measurements in the Kena deposit.*

*7. Numbers may not add due to rounding.*

The QP is not aware of any other factors or issues that materially affect the Mineral Resource estimate other than normal risks faced by mining projects in the province in terms of environmental, permitting, taxation, socio-economic, marketing, and political factors and additional risk factors as listed in the “Cautionary Note Regarding Forward-Looking Information” section below.

“With over 2,773,000 oz Au Inferred and over 561,000 oz Au Indicated and an economically viable cut off of 0.25 g/t gold, this updated resource is tremendous news for the shareholders and the Company,” stated Nicholas Houghton President and CEO. “With the continuation of the anomaly defined by our recent geophysical survey of the Kena Southern zone not assimilated into the Report, the area hosting the Indicated and Inferred resource represents only a portion of the expansive Kena project. As the resource remains open at depth and along strike, the Company is fully financed and excited for the upcoming field season and potential of this year’s drill program.”

The Kena Project consists of 5 deposit areas including the Kena Gold, Gold Mountain, Daylight, Great Eastern/Western and Kena Copper Zone. This Resource estimate is based on Ordinary Kriging of Au grades capped at values between 0.3 g/t Au and 40 g/t Au and outlier restriction of Au grades during interpolation at values of 10 g/t depending on the area and domain. Blocks were assigned preliminary Classifications of Indicated based on the average distances to at least two drillholes to be less than 30m. Two solids in constrained areas of the Kena Gold and Gold Mountain area were defined based on this criteria. Blocks within this solid, are classified as Indicated. The distance of 30m is based on the R80 value from the variography; as the range at approximately 80% of the sill. All other blocks that have an interpolated Au grade within the Kena and Daylight deposits are defined as Inferred. Blocks within the Copper Zone and Great Eastern and Great Western deposits are currently considered un-classed and not included in the final Resource estimate.

The total drilling to date on the Kena Property is 252 holes totalling 39,819.19 metres. The Mineral Resource is estimated from 221 drill holes within the Kena, Gold Mountain and Daylight areas having a total of 31,641.54 metres of Au assays. Data prior to 1984, consisting of 4 percussion holes, was not used in the interpolations. Historic assays have been validated by check assays on 12 core samples collected in 2021. Verification of data lacking QAQC was done statistically using point validation to compare Au grades to adjacent assays. Both methods indicate no bias in the historic data used. Significant confirmation work has been completed in 2021 to verify the assay database with the certificates and drill logs.

Table 2 is the Total Resource and includes a range of Au cut-off grades to show the sensitivity of the resource estimate to variations in cut-off grade, with the base cutoff highlighted. At a 0.25 g/t Au base cut-off, the total Indicated Mineral Resource is estimated at 32.1 Mt at 0.544 g/t Au, for a total of 562



Koz of gold and the Inferred Mineral Resource is estimated at 177.5 Mt at 0.486 g/t Au, for a total of 2,773 Koz of gold.

**TABLE 2: SENSITIVITY OF THE TOTAL RESOURCE ESTIMATE TO CUTOFF GRADE (effective date March 25, 2021)**

Class	Cut-off	Tonnage	Au	NSR	Au Metal
	Au (gpt)	(ktonnes)	(gpt)	(CDN\$)	(Koz)
<b>INDICATED</b>	0.10	44,006	0.449	34.51	635.0
	0.15	41,895	0.465	35.69	625.7
	0.20	37,663	0.497	38.09	602.0
	0.25	32,146	0.544	41.48	561.9
	0.30	26,274	0.604	45.78	510.2
	0.50	11,863	0.869	65.92	331.4
	1.00	2,662	1.526	113.34	130.6
<b>INFERRED</b>	0.10	348,491	0.330	23.78	3,697.0
	0.15	281,957	0.378	27.59	3,428.2
	0.20	223,301	0.432	31.56	3,103.0
	0.25	177,508	0.486	35.57	2,773.1
	0.30	135,814	0.552	40.83	2,410.1
	0.50	53,060	0.813	61.33	1,386.7
	1.00	9,136	1.588	115.44	466.4

A gold price of US\$1800/oz and a processing cost of \$14.00/t requires a Au grade of approximately 0.25 g/t. Therefore, a cut-off of 0.25g/t Au is considered appropriate for current gold prices. An open pit created using Lerchs–Grossmann (LG) pit optimization has been done on a series of pits with varying price assumptions (see Table Note 4). The pit size is larger than that used for the cutoff grade in order to ensure that all material with a “reasonable prospect of eventual economic extraction” is included.

Constant pit slopes at 45° were used for the Resource pit.

Figures A, B and C show the Kena and Gold Mountain Zones in plan and section views with the confining pit shape also shown. On the sections, the drillhole data shown is ±30m of the section.



FIGURE A: Plan View of the Classification, the Drill Pattern, and the Resource Pit (Source, MMTS, 2021)

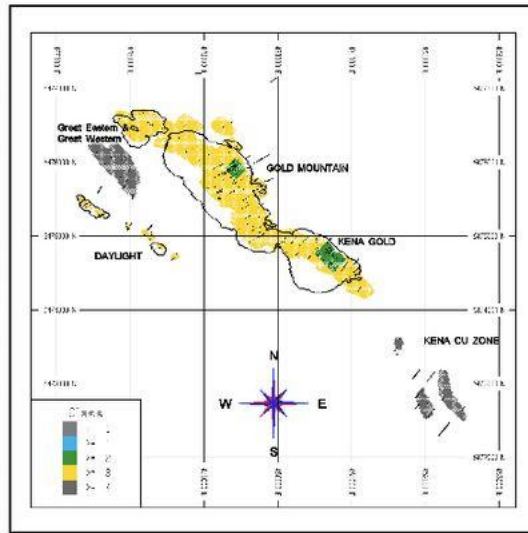


FIGURE B: Section through Gold Mountain Zone

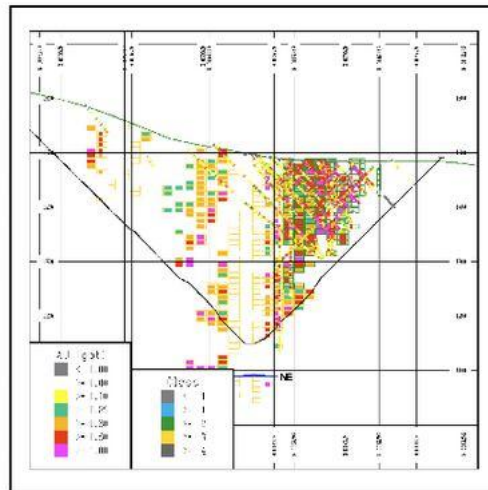
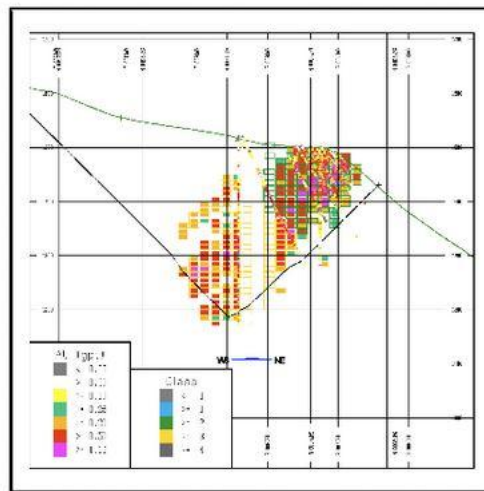


FIGURE C: Section through Kena Gold Zone

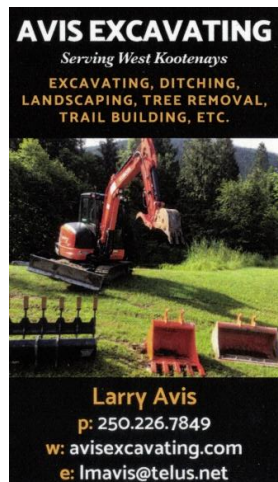


Au Grade - Model Compared to Assays (+/- 30m) looking

Moose Mountain recommends that a drilling program be conducted in two phases one exploring targets on the Daylight portion of the property and the other on the Kena side. Phase 2 is not contingent upon the results of the Phase 1 as the phases target separate zones. In Phase 1, up to twelve short step-out diamond drillholes will test the Starlight Vein system and two fences of six to eight holes drilled in the Great Western area to expand on previously identified intrusive related gold mineralization in that zone. Phase 2 consists of diamond drilling on the Kena portion of the property with two priority target areas, the Kena Copper Zone with fifteen holes and the Gold Mountain-Kena Gold zone to build ounces and to potentially upgrade the Inferred resource into the Measured and Indicated categories. Total estimated cost of drilling is \$1,165,000 CDN.

Moose Mountain also recommends that although the Resource database has been verified and is deemed acceptable, a robust check assay sampling program including QAQC samples be conducted using a certified laboratory comprising 5-10% of core for years for which drill core is available to compensate for missing certificates, lack of QAQC samples and potential bias noted in the 2012 drilling QAQC and 2001-2002 check assays. It is also recommended that the assay database be amended to include silver and copper for all available samples from certificates.

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Metal Tech Alley's Industrial Circular Economy Conference will go ahead as planned on June 8-10, 2021 in Trail BC <https://ice2021.com/> Since we had to postpone the conference because of COVID, the conference will now be a hybrid event - in person as well as virtual. This means that we will be able to reach more people to attend the conference!

ICE 2021 is also now a side event of the World Circular Economy Forum - something we are very proud of! <https://www.sitra.fi/en/projects/wcef/#events>

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