# Murchison counting on critical materials close to home with 2 deposits and camp scale potential

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Vladimir Putin's attack on Ukraine has reinforced the need for countries around the world to accelerate their efforts to reduce reliance on fossil fuels and cut greenhouse gas emissions, leading to clean energy technologies becoming one of the fastest growing segments of the economy. Some of the main inputs in these new technologies are critical metals like copper, cobalt, nickel and zinc. The World Bank forecasts that production of critical minerals and metals must increase by as much as 500% to produce the raw inputs necessary to meet projected demand. Analysts are expecting that over the next two decades nickel and cobalt will see a 20 fold increase in demand, with zinc and copper seeing an effective doubling in demand. That tells me inflation isn't easing anytime soon but that can be a discussion for another day. In order for the world economy to meet this increasing demand in energy metals, discoveries of deposits will need to be made in the near term and as we watch sanctions mount against Russia, the location of those deposits increasingly important.

Domestic supply and processing of these minerals and materials will become an increasingly crucial component to any nation looking to have a realistic ability to achieve emissions targets. That's why junior mining companies, such as <u>Murchison Minerals Ltd.</u> (TSXV: MUR | OTCQB: MURMF), play a significant role in the discovery of the minerals needed for the quickly

evolving clean energy revolution. Murchison is focused on the exploration and development of the 100% owned HPM (Haut-Plateau de la Manicouagan) project in Quebec and the exploration and development of the 100%-owned Brabant-McKenzie VMS zinc-coppersilver deposit located on the Brabant Lake property in north-central Saskatchewan. The Company also has an option to earn 100% interest in the Barraute-Landrienne zinc-silver-gold project in Quebec. These are two of the best mining jurisdictions in Canada and arguably the world. Additionally, these projects are surrounded by excellent, established infrastructure.

The HPM property is located between Baie-Comeau and Fermont, Québec, about 20 km from an all-season road connecting the two communities, 8 km to railroad, and about 225 km to the deep water Port of Sept Iles. In December, 2021 the Company acquired the majority land position in the eastern Haut-Plateau region. With the newly acquired claims, Murchison has now increased the size of the HPM project area by a factor of 4, from 13,897 hectares to 57,586 hectares. First assay results from the inaugural drill program at the PYC Target include Hole PYC21-007 drilled to a depth of 158 m intersected three broad zones of Ni-Cu-Co-bearing sulphide mineralization totaling 62.21 m of composite thickness including 25.5 m grading 0.30% Ni Eq and 27.4 m grading 0.23% Ni Eg while Hole PYC21-008 drilled to a depth of 182 m intersected five broad zones totaling 69.9 m of composite thickness including 39.5 m grading 0.24% Ni Eq and 13.0 m grading 0.27% Ni Eq. Assay results for the remaining six holes, released two weeks ago, confirm the presence of broad of near surface low-grade nickel, copper, cobalt mineralization across the drilled portion of the target.

The PYC Target is only one of multiple Ni-Cu-Co prospects on the HPM Project where historical work and prospecting completed at Barre De Fer, located only 1.5 km away, resulted in the best

historic results from HPM-08-03 of 43.15 m at 1.73% Ni, 0.90% Cu, and 0.09% Co. The Company also completed prospecting at the Syrah Target, located just 350 metres from the Barre de Fer prospect, during the 2021 fall drill program. Syrah results confirm Ni-Cu-Co sulphide mineralized outcrops and sub-crops over approximately a 375-metre strike length, within the footprint of an approximately 600- metre-long conductive geophysical anomaly. Newly discovered mineralization to the northeast extending the surface strike length by approximately 200 metres and assaying as high as 0.69% Ni Equivalent. Syrah is considered a high-priority exploration target, making it a priority for drill testing during the summer 2022 program.

One can be excused for focusing solely on the HPM Project with so much going on and prospect after prospect showing potential. But we can't forget about the Brabant McKenzie deposit that already has an established resource of Inferred: 7.6 million tonnes @ 6.29% ZnEq and Indicated: 2.1 million tonnes @ 9.98% ZnEq. There are 10 highly prospective VMS targets, with VMS style mineralization already intersected at Main Lake and Betty target areas. But for now, the Company is focused on the HPM project with the recently completed recompilation and modeling of holes drilled at the Barre de Fer zone indicating significant potential for expansion of high-grade nickel-copper-cobalt zones. A VTEM survey covering all of HPM, commenced on April 21st, 2022 with Murchison moving forward with preparations for a summer drill program on the HPM property focusing on Barre de Fer and Syrah.

The completion of an <u>early warrant incentive program</u> has resulted in the addition of C\$1.3 million in cash to go with the C\$1.8 million the Company finished 2021 with. This capital will go a long way towards funding the 2022 summer program. With a market cap of only C\$18.8 million there is plenty of leverage

for investors looking for exposure to zinc, nickel and copper in a stable, mining friendly part of the world.

## Darren Hazelwood, CEO, of Panther Metals PLC discusses the upside of his mineral exploration company

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In a recent InvestorIntel interview, Tracy Weslosky spoke with Darren Hazelwood, CEO of <u>Panther Metals PLC</u> (LSE: PALM) about <u>discovering</u> a VMS, Volcanic Massive Sulfide, mineral system at Panther's Obonga Project in Ontario and about how they are creating shareholder value in base, precious and energy metals through their extensive international network.

In this InvestorIntel interview, which may also be viewed on YouTube (click here to subscribe to the InvestorIntel Channel), Darren Hazelwood provided an update on the listing of Panther Metals' Australian subsidiary on the ASX to drive forward its gold, nickel, and cobalt projects in Australia. Highlighting the upside potential of a mineral exploration company, Darren explained how Panther Metals is unlocking the potential of its prospects via targeted drilling led by a geological team with a proven track record in making discoveries.

To watch the full interview, click here.

### **About Panther Metals PLC**

Panther Metals PLC is an exploration company listed on the main market of the London Stock Exchange. Panther is focused on the discovery of commercially viable mineral deposits. The Company's operational focus is on established mining jurisdictions with the capacity for project scalability. Drill targets are assessed rapidly utilizing a combination of advanced technologies and extensive geological data to decipher potential commercial viability and act accordingly. Panther's current geological portfolio comprises of three highly prospective properties in Ontario, Canada while the developing investment wing focuses on the targeting of nickel and gold in Australia.

To learn more about Panther Metals PLC, click here.

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If you have any questions surrounding the content of this interview, please contact us at +1 416 792 8228 and/or email us direct at <a href="mailto:info@investorintel.com">info@investorintel.com</a>.

### Michael Schuss on Canadian Energy's 'exceptional cobalt numbers'

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Recently during <u>PDAC</u> 2019, Michael Schuss, President and CEO of <u>Canadian Energy Materials Corp.</u> (TSXV: CHEM), shared updates on Canadian Energy Materials' Copper-Nickel-Cobalt project in New Brunswick, Canada with InvestorIntel's Tracy Weslosky.

Michael said: "We have got a project in New Brunswick. It as a former Noranda project. It had exceptional cobalt numbers. I have looked at thousands of cobalt projects all over the world. When I saw this, the numbers were so good...I confirmed it with

the ex-Noranda guys and looked at all the old data and I said I got to get this."

Canadian Energy Materials Corp. is a mineral exploration and development company focused on the acquisition and development of a portfolio of high quality energy metals and materials projects around the world.

To access the complete interview, <u>click here</u>

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### TNR Gold's Klip says all cars will go electric much sooner than anticipated

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March 14, 2018 — "I am really in this game because I believe that all cars will be electric much sooner that a lot of people are anticipating. It means that we will have to produce, moving from today's level of just 217,000 tons of lithium carbonate as a market total in sales to 1 million tons annually," states Kirill Klip, CEO and President of TNR Gold Corp. (TSXV: TNR), in an interview with InvestorIntel's Jeff Wareham.

**Jeff Wareham:** Kirill is the executive chair of TNR Gold. Now the name confused me, Kirill, because to be honest with you as much as I like gold I love what you are trying to do. Can you tell me what TNR is up to?

**Kirill Klip:** Thank you very much Jeff for having me today. We are building on a base of TNR Gold, the green energy metals royalty company. Our roots go far back. The company is more than 20 years old. I joined it 10 years ago. One of our most exciting projects, in the gold now, will be in Alaska, Shotgun Gold; right close in proximity of Donlin Gold. Now, as we know, Alaska is heating up, if I may, for mining again. My real dream is to build the green energy metals royalty company. I still remember the days when I was buying Royal Gold, if you remember. I was lucky enough to buy it below \$5. Then, of course, I was very happy to sell it over \$70. I would like to do the same, but now in the space of so-called energy metals.

**Jeff Wareham:** Okay. What energy metals excite you?

Kirill Klip: Energy metals excite me because I really think that we are at the very beginning of the megatrend and very famous now in our still small circles is the Morgan Stanley report, which almost halves the valuation of all lithium mining companies. Just telling me we are at the very, very beginning of this megatrend because at the moment we just crossed 1% in sales of our general so-called internal combustion engine, so-called ice cars being taken over by electric cars. Now they are closing on 2%. As we discussed just recently in my interview about International Lithium, I am really in this game because I believe that all cars will be electric much sooner that a lot of people are anticipating. It means that we will have to produce, moving from today's level of just 217,000 tons of lithium carbonate as a market total in sales, to 1 million tons annually. It is not my focus, but by UBS. Then I will give you my focus. We have to produce in total 12 million tons of lithium by 2030 just to have 200 million electric cars worldwide, and then up to 36 million tons...to access the complete interview, click here

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