## Murchison Minerals is counting on Quebec's integrated critical minerals strategy

written by InvestorNews | August 22, 2023 With the latest EV battery materials facility announcement by Ford Motor Company (NYSE: F) and South Korean companies EcoPro BM Co. and SK On Co., it would appear Quebec is pushing hard to be a global competitor in the EV supply chain. Granted it was probably a pretty easy decision for Ford and its partners given the Federal and Provincial governments are investing a combined C\$644 million of the estimated C\$1.2 billion cost of the project. However, that should likely give a leg up for any critical material miners in Quebec who suddenly find themselves on the doorstep of a burgeoning EV battery hub in Bécancour.

# Troy Boisjoli of Murchison Minerals on the Nickel, Copper, and Cobalt HPM Project in Quebec

written by InvestorNews | August 22, 2023 In this InvestorIntel interview during PDAC 2023, Chris Thompson talks with Troy Boisjoli, CEO, President, and Director of <u>Murchison Minerals Ltd.</u> (TSXV: MUR | OTCQB: MURMF) about its HPM project in Quebec that contains a nickel, copper, and cobalt mineralization.

Troy states that HPM is a magmatic sulfide project with nickel, copper, and cobalt, and a deposit model that is similar to what you would find at Voisey's Bay. He adds that the HPM project is located in the Manicouagan region of Quebec, an area with advanced infrastructure including a heavy rail line, hydroelectric facility, and road access.

He also discussed recent good drill results of 277 meters of 5.01% nickel equivalent ("NiEq") at the Syrah target and 120 meters of 1.36% NiEq at the Barre de Fer zone.

Finally, he mentioned that exploration plans for 2023 include drilling to expand the Barre de Fer zone and to "drive discovery" along a five-kilometer trend that already has nickel-bearing sulfide mineralization identified on the surface.

To access the full InvestorIntel interview, <u>click here</u>.

Subscribe to the InvestorIntel YouTube channel by <u>clicking here</u>.

#### About Murchison Minerals Ltd.

Murchison is a Canadian-based exploration Company focused on nickel-copper-cobalt exploration at the 100% – owned HPM Project in Quebec and the exploration and development of the 100% – owned Brabant Lake zinc-copper-silver project in north-central Saskatchewan. Murchison currently has 218.2 million shares issued and outstanding.

To learn more about Murchison Minerals Ltd., <u>click here</u>.

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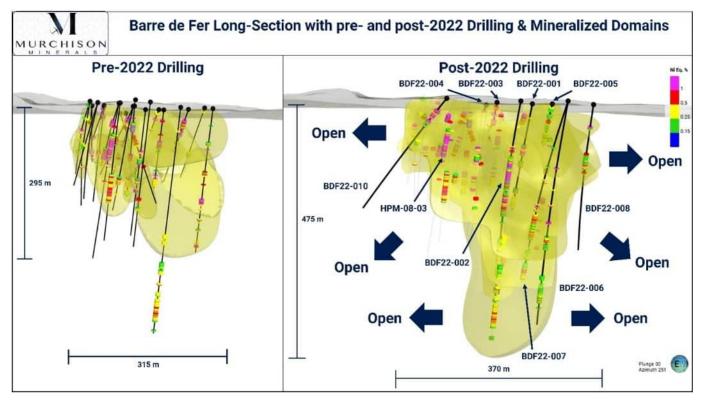
### Murchison Minerals is looking to make 2023 a banner year

written by InvestorNews | August 22, 2023 There seems to be news and updates almost daily about domestic critical minerals. Whether that be the establishment of EV battery manufacturing facilities, supply agreements for those facilities or processing of the critical raw materials that will feed the whole supply chain. That is a pretty bullish background for virtually all North American junior mining companies that are in hot pursuit of the many ingredients that go towards fulfilling what is likely every procurement team's nightmare at present. If Elon Musk, when he's not too fixated on his latest distraction, is busy signing up lithium and <u>nickel</u> supply contracts directly with mining companies, one could surmise that it's just a matter of time before everyone else joins the rush. And in fact, last September South Korean LG Energy Solution Inc. (LGES), a leading global manufacturer of lithium-ion batteries for electric vehicles, mobility, IT, and energy storage systems, announced three agreements in a span of 24 hours with Canadian miners to source materials required to make batteries for EVs.

This all seems like a pretty decent backdrop for anyone out there that is working to shore up a resource of critical minerals, especially if they are geographically close to where a lot of this infrastructure is being built. That's where a junior mining company like <u>Murchison Minerals Ltd.</u> (TSXV: MUR | OTCQB: MURMF), can play a significant role in supplying the minerals needed for the quickly evolving clean energy transition. Murchison is focused on the exploration and development of the 100% owned <u>HPM (Haut-Plateau de la Manicouagan) high-grade</u> <u>nickel-copper-cobalt Project</u> in Quebec and the exploration and development of the 100%-owned <u>Brabant-McKenzie VMS zinc-copper-</u> <u>silver deposit</u> located on the Brabant Lake property in northcentral Saskatchewan. These are two of the best mining jurisdictions in Canada and arguably the world. Additionally, these projects are surrounded by excellent, established infrastructure.

On Monday (Jan 17), Murchison <u>updated investors</u> with assay results for the remaining eight diamond drill holes, from the Barre de Fer (BDF) Zone, drilled as part of the 2022 Summer Exploration Program on the HPM Project. These results successfully expanded mineralization down dip as well as along strike to the north and south of the BDF Zone. Results to date have successfully expanded the preliminary modelled mineralization, the current dimensions of the BDF Zone are:

- Mineralization at depth has now been extended down to 475
  m, versus the preliminary model at 295 m
- Along strike, the zone of mineralization has been extended from 315 m to 370 m
- Mineralization was expanded along the width of the mineralized zone from 150 m to 200 m, with individual lenses now modelled up to 48 m in thickness, compared to the 28 m in the preliminary version



Source: Murchison Minerals Jan 17, 2023 Press Release

The 2022 Summer Exploration program achieved or surpassed expectations with respect to its three main objectives: expansion and delineation of the BDF Zone, discovery of new nickel-sulphide showings on surface via prospecting, and the identification of additional EM anomalies through property wide geophysics. Murchison expects to release the assay results from the remaining 3 drill holes completed at the Syrah target once results have been finalized and interpreted.

Murchison considers the HPM highly prospective to host additional nickel-copper-cobalt mineralization, particularly at BDF and Syrah where significant mineralization has already been encountered. The HPM project continues to show tremendous promise with its numerous gossanous nickel-copper-cobalt-bearing outcrops spatially linked to historical airborne electromagnetic (EM) anomalies. The HPM property has developed into an exploration project with mining camp scale prospectivity.

At the end of September Murchison was sitting on approximately

C\$2.9 million in working capital, which should see the Company through its 2023 planning phase and perhaps even some additional drilling. Murchison is hoping to make 2023 a banner year for the Company. Work has commenced towards drafting an inaugural resource at BDF which is expected to be completed in early 2023. With a market cap of roughly C\$25 million and the pursuit of several of the more high-demand critical minerals, investors can hope they achieve their goal.

# Murchison Minerals' Troy Boisjoli on high-grade nickel sulfide mineralization results in Quebec

written by InvestorNews | August 22, 2023 In this InvestorIntel interview, Tracy Weslosky interviews <u>Murchison Minerals Ltd.</u>'s (TSXV: MUR | OTCQB: MURMF) CEO, President, and Director Troy Boisjoli about their recent <u>assay</u> <u>results</u> confirming extensive high-grade nickel sulfide mineralization at the HPM Property. Demonstrating near-surface mineralization at the project, Troy discusses how the results were "one of the best nickel sulfide holes drilled over the last number of years in a pre-resource stage project globally."

Speaking on the competitive advantages of the HPM Project's location in Quebec, Troy explains how Murchison has only scratched the surface of the exploration potential at the project. With an ever-increasing demand for critical minerals such as nickel, copper and cobalt, Troy provides an update on Murchison's significant pipeline of exploration targets on the HPM Project.

To access the full InvestorIntel interview, <u>click here</u>.

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### Murchison Minerals explores camp scale potential for nickel and zinc at HPM and BMK

# projects

#### written by | August 22, 2023

<u>Murchison Minerals Ltd.</u> (TSXV: MUR | OTCQB: MURMF) has recently <u>announced results</u> of its summer exploration program at its wholly owned HPM (Haut-Plateau de la Manicouagan) property. This included an aerial geophysical survey of the 648 km2 (250 square miles), ground prospecting and diamond drilling with the plan to produce a maiden resource early 2023. The original discovery by Falconbridge of a Nickel-Copper-Cobalt mineralization dates to 1999.

What is interesting about the location is that it is only 8 kms (5 miles) to the rail line from Fermont/Labrador city and Port Cartier:

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#### Source: Company website

As you can see it is also close to hydro-electric power which gives this opportunity two very important and strategic advantages over a lot of other potential mining opportunities in the Canadian north. It should also reduce CAPEX and OPEX as power will not have to be generated on site and material can be shipped in and out with relative ease. It is also 40 kms (25 miles) from the provincial Highway 389.

Two years ago, the Quebec government started the Quebec Action Plan on Critical Materials, which this deposit would fall under should the project move forward. The Quebec government is very supportive and proactive in the mining industry and the development of projects, particularly in the northern part of the province.

There are several targets of interest at HPM, the key one being

their Barre de Fer target which reported an intercept of 43.15 meters grading 1.74% Ni, 0.90% Cu and 0.09% Co. By comparison, Voisey's Bay on average was 1.63% nickel, 0.85% copper and 0.09% cobalt. On September 7th Murchison <u>reported</u> the pXRF results from a new 404 m drill hole that intersected four broad zones of Ni-Cu-Co sulphide bearing mineralization totalling 130.00 m of composite thickness, and returning 18.05 m estimated at 1.98% pXRF Ni Eq. (89.95 to 108.0 m) including 8.1 m at 3.45% pXRF Ni Eq., and 69.90 m estimated at 0.68% pXRF Ni Eq. (267.0 to 336.90 m) including 16.1 m at 1.4% pXRF Ni Eq. This ongoing exploration, the company says, is aimed at completing a maiden resource on Barre de Fer by early Q1 of 2023. The question is will they approach the 141 million tonnes of ore of Voisey's Bay, which made it a world class discovery.

The other project Murchison is working on is the 100% – owned Brabant McKenzie (BMK) zinc-copper-silver project in Northern Saskatchewan, located about 170km northeast of La Ronge. This is a VMS (volcanogenic massive sulphide) Zn-Cu-Pb-Ag-Au deposit which was originally prospected in the 1950s and 1960s. In September 2018 there was a NI 43-101 upgraded report with an indicated resource of 2.1 million tonnes at 9.98% zinc equivalent and an inferred resource of 7.6 million tonnes at 6.29% zinc equivalent. This was based on 138 drill holes with a cutoff of 3.5% zinc equivalent.

VMS deposits are widely distributed with major deposits in Canada being Kidd Creek, near Timmins, Ontario, and Bathurst in New Brunswick. The Kidd Creek mine, which has operated since 1966, is run by Glencore and is the deepest base metal mine in the world at 2,735 meters (8,973 feet) below sea level. The Bathurst mine suspended operations last month and the owner, Trevali, has delisted its shares from the TSX. The following table compares the Murchison deposit to Kidd Creek:

	Tonnes	Zinc %	Copper %	Silver g/t
Kidd Creek 2020	5 million	3.60%	1.80%	44.0
Murchison indicated	2.1 million	7.08%	0.69%	39.6
Murchison inferred	7.6 million	4.46%	0.57%	18.42

Murchison's Brabant Lake project has a maintained road – Saskatchewan Highway 102 – and existing power lines running through the property, which again points to management looking at projects with strong infrastructure. The drive from the local community of Brabant Lake to Saskatoon is about six hours. Last year's preliminary metallurgical work produced a 50% zinc concentrate with an 85% recovery.

Both projects are early stage but have promising potential and looking forward to additional results. Certainly worth keeping an eye on this company as more updates come out on these properties.

Troy Boisjoli, CEO of Murchison Minerals, on quadrupling their battery metals' exploration area in

### Quebec

written by InvestorNews | August 22, 2023 In a recent InvestorIntel interview, Jack Lifton spoke with Troy Boisjoli, President and CEO of <u>Murchison Minerals Ltd.</u> (TSXV: MUR) about Murchison's recent <u>news release</u> on increasing the searchable area of their HPM battery metals project by over 400%.

In this InvestorIntel interview, which may also be viewed on YouTube (click here to subscribe to the InvestorIntel Channel), Troy Boisjoil said that the enlarged HPM Project is highly prospective for nickel, copper, and cobalt, all of which are critical for the electric vehicle revolution and the green energy transition. Highlighting the importance of sourcing critical materials from stable jurisdictions, Troy said that Murchison's HPM Project is located in the premier mining jurisdiction of Quebec close to rail and hydroelectric power infrastructure.

To watch the full interview, <u>click here</u>.

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### Troy Boisjoli of Murchison Minerals on the ongoing drill program at its HPM battery metals project

written by InvestorNews | August 22, 2023

In a recent InvestorIntel interview, Chris Thompson spoke with Troy Boisjoli, President and CEO of <u>Murchison Minerals Ltd.</u> (TSXV: MUR) about recently joining Murchison's team and about the ongoing <u>drill program</u> at its HPM battery metals project targeting highly-prospective PYC Nickel-Copper-Cobalt Prospect.

In this InvestorIntel interview, which may also be viewed on YouTube (click here to subscribe to the InvestorIntel Channel), Troy provided an update on Murchison's recent fully-subscribed private placement and how the funds will be deployed. Located in an infrastructure-rich part of Quebec, Troy said that the 100% owned HPM battery metals project has the potential to be a camp scale project covering 139 km2 of highly prospective mineralization for nickel, copper, and cobalt.

To watch the full interview, <u>click here</u>.

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