

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

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 becomes 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 Murchison Minerals Ltd. (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-copper-silver 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 Eq 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 zones 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 early warrant incentive program 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.

Focused on the key green metals, Murchison Minerals has quadrupled the HPM claims in Quebec

One effect, on the global green energy transformation, of the Russian invasion of Ukraine is that Western governments have finally woken up to the emphatic need to create local supply chains for critical materials such as those needed to support the green energy revolution. In the past few weeks, the USA has released a fact sheet titled *Securing a Made in America Supply Chain for Critical Minerals* and last week the Intercept reported *Biden Administration Drafting Order to Invoke Defense Production Act for Green Energy Storage Technology*. In Canada, 2 weeks ago the Ontario government released their *Critical Minerals Strategy*. Also in March the Australian government released their 2022 Critical Minerals Strategy.

All of the above means companies with promising critical materials projects in Western countries are set to be the winners in 2022 and beyond. Today's company has two key critical materials projects in Canada, with strong exploration potential for nickel, copper, cobalt, and zinc.

The green energy revolution will lead to an enormous opportunity for miners of the green energy metals

As countries accelerate their efforts to reduce greenhouse gas emissions, **clean energy technologies** are 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**.

Source: Murchison Minerals website

Murchison Minerals Ltd.'s (TSXV: MUR | OTCQB: MURMF) (Murchison) two Canadian projects are:

- HPM (Haut-Plateau de la Manicouagan) Project – Nickel sulphide-copper-cobalt project (Quebec) (100% owned)
- BMK (Brabant-McKenzie) Deposit – Copper-zinc-precious metals project (Saskatchewan) (100% owned)

Both of the above are at the exploration stage with multiple strong targets for drilling.

HPM (Haut-Plateau de la Manicouagan) Project (100% owned)

The HPM Project has a dominant land position of 576 km² with camp scale Ni-Cu-Co potential. It has rail access within 8 km of project area and is 225 km to Port of Sept Iles. Murchison has recently completed an acquisition of an additional 43,689 hectares of mineral claims.

The Project has upwards of 50 anomalous EM targets identified. The best historical result is at the Barre de Fer Deposit and is **43.18 m of 1.74% nickel, 0.90% copper and 0.09% cobalt**.

At the 1.95 km long PYC geophysical anomaly, mineralization has been outlined so far over a strike length of ~550 metres. Murchison's inaugural drill program was completed at the PYC

target in December 2021 with assay results below and others expected soon. Murchison has already reported: "Intersected sulphide mineralization in all holes completed in 2021 at the PYC target- portable Niton X-ray fluorescence (XRF) spectrometer analyses confirm the presence of nickel, copper and cobalt within the sulphide intervals." And, "sulphide mineralization in drill core from PYC is similar to that observed on surface where 2021 backpack drill core samples assayed up to 0.79% Ni, 0.14% Cu, and 0.15% Co." The recently announced assay results at PYC included:

- Hole PYC21-007 drilled to a depth of 158 m included **25.5 m grading 0.30% Ni Eq** (72.5 m to 98.0 m) and 27.41 m grading 0.23% Ni Eq (3.24 m to 30.65 m).
- Hole PYC21-008 drilled to a depth of 182 m included **39.5 m grading 0.24% Ni Eq** (5.5 m to 45.0 m) and 13.0 m grading 0.27% Ni Eq (From 75.0 m to 88.0 m).

Note: Murchison still has assays pending from the remaining six holes at the PYC target, which tested 0.55 km of the 1.95 km strike length.

At the Syrah target (just 350 m from the Barre de Fer Deposit), Murchison has recently reported some 2021 outcrop assay results with more to come soon. The results included a newly discovered mineralization to the northeast extending the surface strike length by approximately 200 metres and assaying as high as **0.69% Ni Equivalent** (0.42% Ni, 0.10% Cu, 0.08% Co). Murchison stated: "Today's 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 at the Syrah Target."

BMK (Brabant-McKenzie) Deposit (100% owned)

The BMK Deposit is on a 627 km² land package which has year round road and power access. It has an Indicated Resource

of 2.1 Mt @ 9.98% ZnEq and an Inferred Resource of 7.6 Mt @ 6.29% ZnEq. The Property has 10 highly prospective VMS targets with VMS style mineralization already intersected at Main Lake and Betty target areas.

In 2022 at BMK, Murchison intends to do a comprehensive desktop study on results to date, in order to systematically optimize future drill programs. Also, Murchison plans to do further testing along strike and down dip from current deposit extents as well as to continue exploration drilling at Main Lake and Betty.

Closing remarks

With nickel, copper and cobalt prices surging higher in 2021 and 2022 it means any junior explorer who finds significant amounts of these key green energy metals can expect their stock price to surge higher. At the HPM Project, Murchison is still awaiting further drill assays and has a total of 50 anomalous EM targets to explore. Results so far are solid for nickel, copper, and cobalt and suggest there is significant mineralization to explore, so really it is still very early days.

At the BMK Deposit, there is already a zinc resource and exploration upside in 2022.

Both opportunities are in Canada which these days is a huge advantage.

Murchison Minerals trades on a market cap of only ~C\$17 million, meaning any significant discovery can be company changing. Stay tuned for more assay results soon at HPM.

Murchison Minerals' Troy Boisjoli discusses his strategic and dominant position in Battery Metals Projects in Canada's Top Mining Jurisdictions

In a recent InvestorIntel interview, Chris Thompson spoke with Troy Boisjoli, President and CEO of Murchison Minerals Ltd. (TSXV: MUR), about Murchison's two highly prospective battery metals projects located in two of the best mining jurisdictions in the world.

In this InvestorIntel interview, which may also be viewed on YouTube (click here to subscribe to the InvestorIntel Channel), Troy Boisjoli provided an update on Murchison's HPM nickel-copper-cobalt property located in Québec. He went on to say that Murchison recently quadrupled the project size of the HPM property as a result of its inaugural drill program, giving Murchison a strategic and dominant land position in an emerging battery metals jurisdiction in Canada.

To watch the full interview, click here.

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. The Company also holds an option to earn 100% interest in the Barraute VMS exploration project also located in Quebec, north of Val d'Or. Murchison currently has 153.6

million shares issued and outstanding.

To learn more about Murchison Minerals Ltd., [click here](#).

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us direct at info@investorintel.com.

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

In a recent InvestorIntel interview, Jack Lifton spoke with Troy Boisjoli, President and CEO of Murchison Minerals Ltd. (TSXV: MUR) about Murchison's recent news release 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, [click here](#).

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

In a recent InvestorIntel interview, Chris Thompson spoke with Troy Boisjoli, President and CEO of Murchison Minerals Ltd. (TSXV: MUR) about recently joining Murchison's team and about the ongoing drill program 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, [click here](#).

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Murchison Targets the Green Energy Metals in 2022: Cobalt, Copper, Nickel, Zinc and Silver.

It seems of late that every time I get excited about the technicals of the gold chart and then go on to make a comment about it I quickly get taught a lesson in humility. Well, enough of that, there are plenty of other commodities out there and many of them are far more important to the future build-out of the green economy. I'm talking about key electric vehicle and clean energy production and storage metals like nickel, copper, cobalt, and silver to name a few. Perhaps these commodities and their underlying prices will be a little kinder to me and not crash a day or two after I extol their virtues. Although nickel is trading at 5-year highs and copper isn't far off of its recent highs. At least cobalt is only

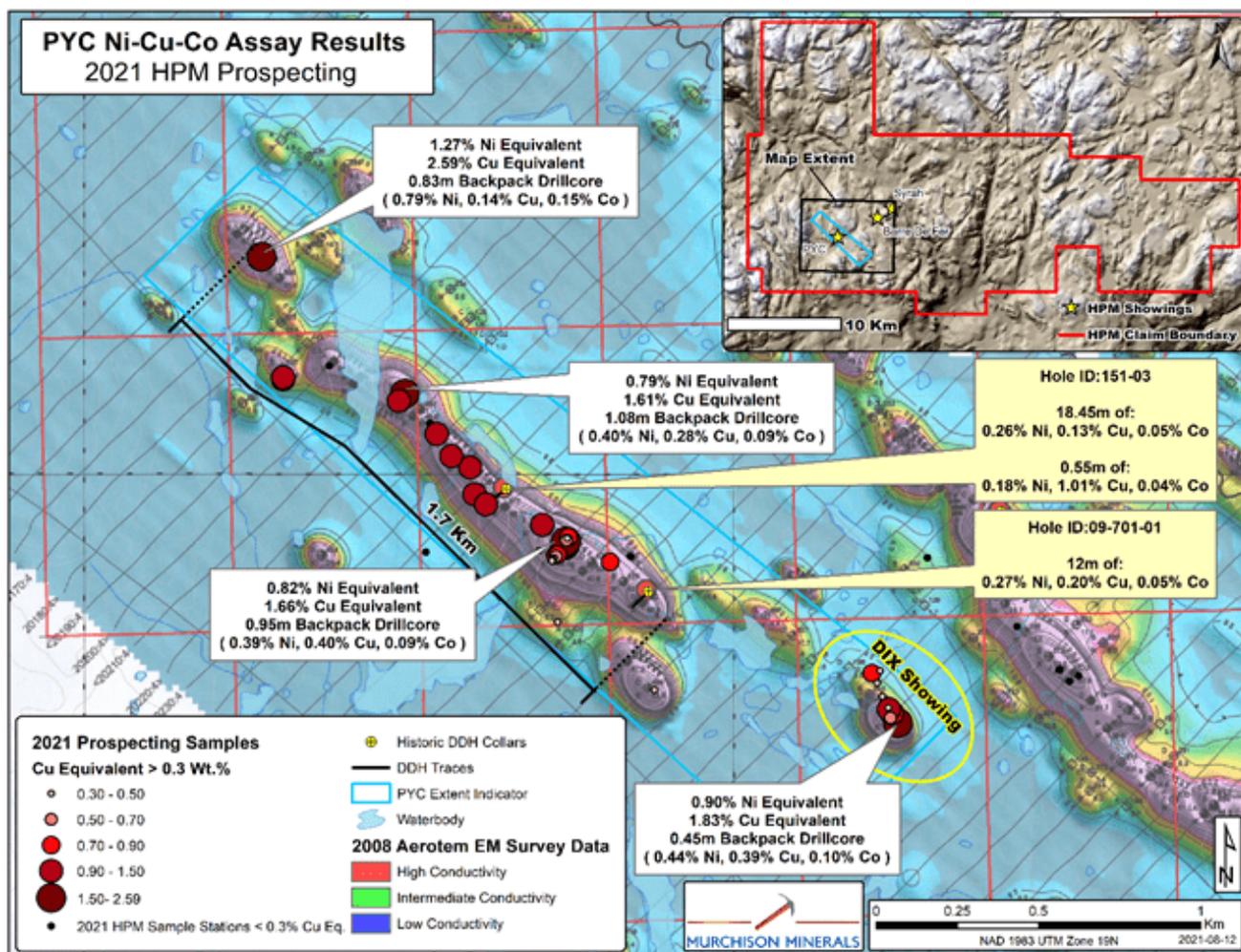
near 3-year highs and well off the peak it reached in early 2018. So fingers crossed I'm not some sort of a short-term price jinx and fundamentals will rule the day.

A Canadian company developing numerous projects that provide exposure to cobalt, copper, nickel, zinc and silver is Murchison Minerals Ltd. (TSXV: MUR). Murchison is focused on the exploration and development of the 100% owned Brabant Lake zinc-copper-silver project in north-central Saskatchewan. The Company also owns 100% of the Haut Plateau de la Manicouagan (HPM) nickel-copper-cobalt project in Quebec and holds an option to earn 100% interest in the Barraute VMS exploration project also located in Quebec, north of Val d'Or. Saskatchewan and Quebec are two of the best mining jurisdictions in Canada and, arguably, in the world. Additionally, these projects are surrounded by excellent, established infrastructure.

The last time I had a look at Murchison I focused on the Betty Zone at Brabant Lake given that was where I saw the bulk of the news being generated at that time. So today we'll focus on the HPM project because that's been the source of most of the excitement for the Company over the last couple of months. 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 Port of Sept Iles. The property is associated with the Manicouagan Metamorphic Complex and hosts several nickel-copper cobalt occurrences.

Most activity at the HPM project has been focused on the highly prospective PYC target area where the Company identified significant sulphide mineralization on the surface over a strike length in excess of 1.7 km. Assay results from its June prospecting program, from grab samples and short backpack drill core samples, feature assays as high as 1.27% nickel equivalent or 2.59% copper equivalent (0.79% Ni, 0.14% Cu, 0.15% Co) from 0.83 metres of backpack drill core. Assay

results also confirm mineralization south-east of the PYC target at the newly discovered Dix showing, which assayed as high as 0.90% Nickel Equivalent or 1.83% Copper Equivalent (0.44% Ni, 0.39% Cu, 0.10% Co) from 0.45 metre of backpack drill core.



Source: Murchison Minerals Aug 16, 2021 Press Release

Following a successful capital raise of \$4 million that closed in October, the Company is in an excellent financial position to unlock the potential of HPM. To that end, on November 2nd Murchison announced it had commenced a 3,550 m drilling program focusing on the PYC target while concurrently prospecting a number of significant geophysical anomalies that were identified on the HPM project during a 655 line-kilometre airborne electromagnetic survey completed earlier this year. To date, the Company has successfully completed seven drill

holes totaling 1,599 m testing approximately 550 m of the airborne electromagnetic anomaly with significant pyrrhotite and minor chalcopyrite mineralization observed in all seven holes. A handheld portable Niton XRF (X-Ray Fluorescence analyzer that enables real-time, quantitative sample analysis in the field) confirms the presence of nickel, copper and cobalt within the sulphide intervals. Now we await the assays to learn just how much of those valuable commodities are present in these rocks.

One need look no further than the bidding war that broke out over Noront Resources and its nickel-copper-PGE project in neighbouring Ontario, where it looks like BHP Group Ltd will be the successful suitor, to understand the value of these types of resources. Granted Murchison has a bit of work ahead of them to define a comparable asset but that's why they only have a market cap of \$22 million today. A successful winter drilling program at HPM could put Murchison Minerals on the radar of companies like BHP.

JC Potvin on Murchison's high-grade Brabant-McKenzie Zinc-Copper-Silver deposit

In a recent InvestorIntel interview, Chris Thompson spoke with Jean-Charles ("JC") Potvin, President, CEO, and Chairman of Murchison Minerals Ltd. (TSXV: MUR) about the positive metallurgical results from Murchison's high-grade Brabant-McKenzie Zinc-Copper-Silver deposit and gave an update on their HPM battery metals project.

In this InvestorIntel interview, which may also be viewed on

YouTube (click here to subscribe to the InvestorIntel Channel), JC said that the Brabant-McKenzie deposit is located close to excellent infrastructure and that the preliminary metallurgical testing on the deposit resulted in a high-grade and clean concentrate with over 90% recovery for zinc and copper using a very simple process. JC also provided an update on Murchison's HPM Project where they recently confirmed multiple prospective nickel-copper-cobalt targets.

To watch the full interview, click here.

About Murchison Minerals Ltd.

Murchison is a Canadian-based exploration company focused on the exploration and development of its HPM nickel-copper-cobalt project in Quebec and its 100%-owned Brabant Lake zinc-copper-silver project in north-central Saskatchewan. The Company holds an option to earn a 100%-interest in the Barraute VMS exploration project also located in Quebec, north of Val d'Or. Murchison currently has 108.9 million shares issued and outstanding.

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Significant Early Results in Energy Metals at Murchison Minerals' HPM Project in Quebec

Three of the most valuable green energy metals are cobalt, nickel and copper. Their current LME prices are – cobalt US\$50,615/t, nickel US\$19,840, and copper US\$9,488/t. This means that miners that can find, not too deep and reasonable grade deposits, with all three metals, can potentially grow a

very economical resource. Today's company is working on doing just that in Quebec and Saskatchewan, in Canada.

Murchison Minerals Ltd.'s (TSXV: MUR) ("Murchison") three green energy metal projects in Canada are:

1. HPM (Haut-Plateau de la Manicouagan) nickel-copper-cobalt project (Quebec) (100% owned)
2. Brabant-McKenzie zinc-copper-silver project (Saskatchewan) (100% owned)
3. Barraute-Landrienne project (Quebec) (earn-in option to acquire 100%) (base metals)

Murchison Minerals three exploration stage projects in Canada gives exposure to nickel, copper, cobalt, zinc, and silver

Murchison Minerals Asset Base & Share Structure

HPM Ni-Cu-Co Project in Quebec - 139 km²

- **Best Drill Assay at Barre de Fer:**
 - 43.18 m of 1.74% nickel, 0.90% copper and 904 ppm cobalt (5.5% CuEq)
- Identified 54 EM conductors in a recent VTEM survey
- Sampling at PYC confirms the presence of Ni-Cu-Co over 1,700m strike, up to 59 m wide on surface
- 10 nickel-copper-cobalt gossan areas identified
- Excellent infrastructure, 8 km to railroad, about 225 km to the Port of Sept Iles
- 100% owned

Brabant-McKenzie VMS Project

- **Resource Base**
 - **Inferred:** 7.6 Mt @ 6.29% ZnEq⁽¹⁾
 - **Indicated:** 2.1 Mt @ 9.98% ZnEq
- Entire property package covered by VTEM surveys
- Excellent established infrastructure
- 100% owned

Barraute-Landrienne Base Metals Project

- Option to earn 100% in 75 mineral claims
- Believed to host some of the best untested drill targets in the area
- 2 km away from the 15.7 Mt Zn-Ag Abcourt-Barvue deposit



(1) The resource for the Brabant-McKenzie zinc deposit was estimated based on metal prices of US\$1.20/lb zinc, \$2.50/lb copper, \$1.00/lb lead, \$16.00/oz silver and \$1200/oz/gold, and a US\$ exchange rate of \$1.25.



Share Structure as of September 14, 2021

Share Price	CA\$0.08
Shares O/S	108.9 M
Current Market Capitalization ⁽¹⁾	CA\$8.7 M US\$6.9 M
Working Capital	CA\$0.3 M

Source: Company presentation

HPM Project's recent grab samples and short backpack drill results

Murchison has made two recent announcements regarding exploration results at their HPM Project in Quebec.

Announced on August 16, 2021 Murchison reported: "The results

are from grab samples and short backpack drill core samples, featuring assays as high as **1.27% Nickel Equivalent** or **2.59% Copper Equivalent** (0.79% Ni, 0.14% Cu, 0.15% Co) from 0.83 metres of backpack drill core. The assay results also confirm mineralization south-east of the PYC target at the newly discovered Dix showing, which assayed as high as **0.90% Nickel Equivalent** or **1.83% Copper Equivalent** (0.44% Ni, 0.39% Cu, 0.10% Co) from 0.45 metres of backpack drill core.”

Then announced on September 1, 2021, Murchison reported: “The assay results confirm the presence of surface nickel-copper-cobalt mineralization at the Syrah and 4048 targets, in addition to PYC and the newly discovered Dix (see August 16, 2021 release) and SVT showings. The results from the prospecting program are considered a major success and indicate a strong likelihood that the HPM property hosts significant nickel-copper-cobalt mineralization outside of the Barre De Fer mineralized body....The grab samples from the Syrah target assayed as high as **0.84% Nickel Equivalent** or **1.70% Copper Equivalent** (0.58% Ni, 0.24% Cu, 0.05% Co) from multiple short backpack drill holes.....Grab samples collected during the June 2021 prospecting at the 4048 target assayed as high as **0.96% Nickel Equivalent** or **1.94% Copper Equivalent** (0.53% Ni, 0.36% Cu, 0.09% Co). ”

These are good preliminary results from grab samples and short drill lengths (“backpack drilling”) and potentially point towards a growing body of mineralization at the HPM Project.

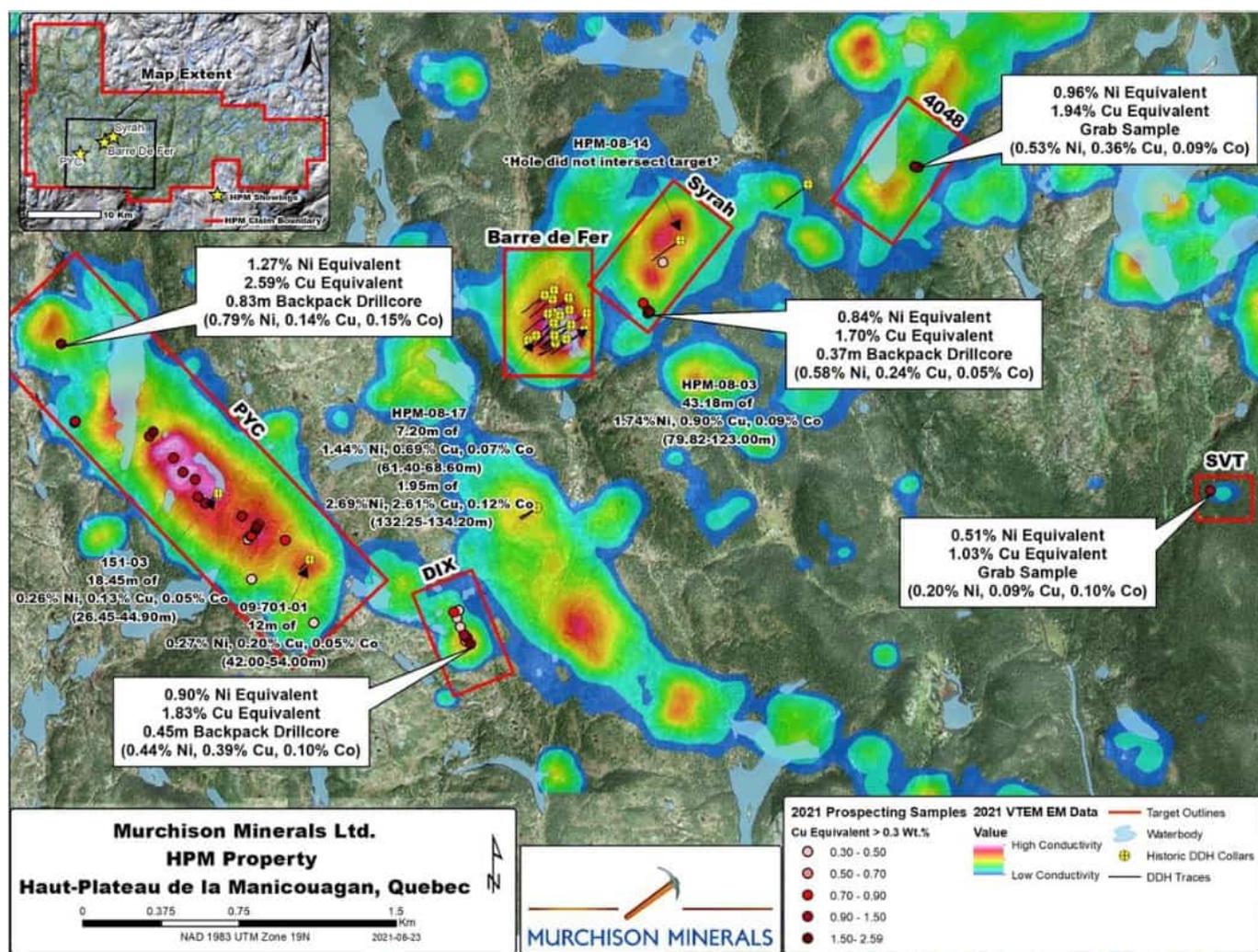
On September 1 Murchison’s CEO and President, Jean-Charles Potvin, commented: “The results we are seeing from HPM continue to exceed our expectations. We are very eager to commence drilling on the HPM project as the team strongly feels that we will see exceptional results.”

The company also stated: “The majority of the past drilling at HPM targeted the Barre de Fer geophysical conductor and

confirmed the known nickel-copper-cobalt mineralization approximately 300 metres along strike and to a depth of about 280 metres. The mineralization remains open at depth and partially along strike.”

Whilst it is still too early to tell, the good news is that the initial surface and near surface samples are very encouraging, as are the presence of multiple electro-magnetic (“EM”) conductor showings.

Murchison Minerals HPM property with recent sampling results and numerous Versatile Time Electromagnetic (VTEM) conductors showing



Source: Company presentation

Next steps at the HPM Project include a 3,550-metre helicopter supported drill program this October (subject to drilling

permit approval), and results from preliminary metallurgical flotation tests on HPM surface sample mineralization.

Murchison is also expecting to soon receive assay results from recent drilling at the Betty Zone at their Brabant-McKenzie zinc-copper-silver project in Saskatchewan, Canada. The Brabant-McKenzie Project has an Indicated Resource of 2.1 Mt @ 9.98% ZnEq and an Inferred Resource of 7.6 Mt @ 6.29% ZnEq.

Closing remarks

Murchison Minerals offers investors a significant exploration optionality on some very valuable energy metals such as cobalt, nickel and copper, as well as zinc and silver. It is still early days in the exploration and discovery process but early signs are promising, especially the recent news coming from the HPM Project in Quebec.

Murchison Minerals trades on a market cap of only C\$8.7 million, thereby giving large potential upside should a significant discovery be made. Risk is high with junior explorers, so invest accordingly and be patient.

Murchison's Betty Zone getting ready to show us what she's made of

There is absolutely no doubt that as the world moves towards achieving a lower carbon footprint the metals that go into creating the building blocks for EVs, battery storage, and other infrastructure will continue to see growing demand. It can also be said that the pandemic has shone a giant spotlight

on the security of supply for just about everything. Compounding this, global positioning amongst the most powerful nations has further emphasized the importance of supply chains and domestic capabilities.

Well, Canada is here to help, both ourselves and our many allies. We are blessed with an abundance of natural resources of every shape and color, including pretty much everything critical to the green revolution (plus a lot of the resources that have already gotten us to this place in time). One Canadian company is developing numerous projects that provide exposure to globally important minerals including Cobalt, Copper, Nickel, Zinc and Silver in two of the best mining jurisdictions in Canada and arguably the world. Murchison Minerals Ltd. (TSXV: MUR) is an exploration company focused on the exploration and development of the 100% owned Brabant Lake zinc-copper-silver project in north-central Saskatchewan. The Company also owns 100% of the HPM nickel-copper-cobalt project in Quebec and holds an option to earn 100% interest in the Barraute VMS exploration project also located in Quebec, north of Val d'Or.

Although the Company has been active at its HPM project, including news last week about the identification of significant sulphide mineralization on surface at the PYC showing over a strike length in excess of 1.7 km. Today we'll focus on Brabant Lake because that's where I believe the most material news is likely to come from in the next several weeks. Close to infrastructure, the Brabant Lake project is located 175 kilometres northeast of La Ronge, Saskatchewan, accessed year-round via highway #102 with direct access to the power grid. The Brabant-McKenzie VMS deposit contains indicated and inferred resources of almost 10 million tonnes and is open to expansion. The surrounding 626.9 km² land package is highly prospective for additional VMS deposits, which tend to occur in clusters. This is a solid starting point on the road to completing a Preliminary Economic

Assessment (PEA). But what has me most interested in the near term is the prospective new play approximately 1 km to the northeast and along trend of the existing Brabant-McKenzie deposit called the Betty Zone.

Murchison drilled two holes into the Betty Zone showing in the winter of 2021 and intersected VMS- style massive-sulphide mineralization in both holes. The best assay was in hole BZ21-002, which intersected 4.40% zinc, 1.33% copper, 12.95 g/t silver from 280.73 to 281.65 metres (0.92 m), including 0.42 m at 3.76% zinc, 2.40% copper, 21.70 g/t silver and 0.12 g/t gold. The observed mineralization and corresponding metamorphosed VMS-type alteration in these 2021 winter drill holes appear similar to what is observed at the Brabant-McKenzie Deposit. But critically, a borehole electromagnetic survey was conducted in these two holes at the conclusion of the 2021 winter drill program. The resulting data indicates that the holes narrowly missed a large conductive body located immediately down dip of the observed mineralization and is approximately 100 to 300 metres below surface. Initial modeling suggests the anomaly has a 700-metre strike length. This anomaly is considered highly prospective, and drilling has just commenced on two new holes into the heart of this anomaly.

With roughly 109 million shares outstanding, Murchison has a market cap of approximately \$8.2 million based on yesterday's closing price of \$0.075. With an already high-grade VMS deposit hosting a NI43-101 compliant resource of 2.1 Mt @ 10% ZnEq (Indicated) and 7.6 Mt @ 6.3% ZnEq (Inferred) and an active drilling program this could be an inexpensive option for exposure to materials essential for the build out of the green energy revolution. Murchison has assembled an impressive set of prospect rich assets. Now they have to prove up an economic resource that they can share (for profit of course) with the world.

Jack Lifton with JC Potvin of Murchison Minerals on the green energy revolution

In a recent InvestorIntel interview, Jack Lifton speaks with Jean-Charles (“JC”) Potvin, President, CEO, and Chairman of Murchison Minerals Ltd. (TSXV: MUR) about Murchison’s latest news about locating a large and highly prospective geophysical anomaly near its high-grade Brabant-McKenzie Zinc-Copper-Silver deposit.

In this InvestorIntel interview, which may also be viewed on YouTube (click here to subscribe to the InvestorIntel Channel), JC provides an update on Murchison’s portfolio of high-grade zinc-copper-silver-cobalt deposits located in the top-ranked mining jurisdictions in the world. With experienced management and board with a proven success record, Murchison has positioned itself as a key mining player in the green energy revolution with advanced projects that provide exposure to critical minerals including Cobalt, Copper, Nickel, Graphite, and Zinc. In the interview, Jack highlighted the deficit in the copper supply driven by its demand in alternate energy, electric vehicles, and China which now consumes 60% of the world’s copper.

To watch the full interview, click here

About Murchison Minerals Ltd.

Murchison is a Canadian-based exploration company focused on the exploration and development of the 100% owned Brabant Lake zinc-copper-silver project in north-central Saskatchewan. The Company also own 100% of the HPM nickel-copper-cobalt project

in Quebec and holds an option to earn 100% interest in the Barraute VMS exploration project also located in Quebec, north of Val d'Or. Murchison currently has 108.9 million shares issued and outstanding.

To learn more about Murchison Minerals Ltd. [click here](#)

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If you have any questions surrounding the content of this interview, please email info@investorintel.com.