

Ontario Emerges as a Hotspot for EV Battery Investment with Volkswagen's First Battery Plant Outside of Europe

written by InvestorNews | March 16, 2023

In fact, Ontario is becoming quite the hot spot for EV battery investment, both downstream and upstream. Along with the above-noted Volkswagen facility and the Stellantis/LGES joint venture, there have been other declarations in Ontario as well. In Eastern Ontario, not far from Kingston, Belgium-based Umicore announced a C\$1.5 billion investment in an EV battery facility last July.

Don Bubar of Avalon Advanced Materials on delivering lithium for batteries and advanced ceramics

written by InvestorNews | March 16, 2023

In this Critical Minerals Institute interview, host Jack Lifton talks to [Avalon Advanced Materials Inc.](#)'s (TSX: AVL | OTCQB: AVLNF) President, CEO and Director Don Bubar about establishing a North American lithium supply chain and Avalon's new [off-take agreement](#) with a major international glass-ceramics manufacturer

for petalite concentrates.

In the interview, which can also be viewed in full on the InvestorIntel YouTube channel ([click here to access InvestorChannel.com](https://www.investorintel.com)), Don talks about the competitive advantages of building Avalon's lithium refinery in Thunder Bay, Ontario. In addition to having recently signed an MOU with LG Energy Solution to supply battery-grade lithium hydroxide starting in 2025, Don tells Jack: "The main reason for establishing it there was also to basically open the door to other producers of lithium mineral concentrates from the many, many lithium pegmatites that occur throughout Northwestern Ontario..." In addition to lithium, Don says that Avalon provides exposure to multiple other minerals like rare earths, tantalum, and cesium.

Don also talks about a recently announced multi-year agreement for Avalon to supply a non-Chinese international glass ceramic manufacturer with petalite concentrates. "High strength glass ceramic products of various types," Don tells Jack, "that's a market you don't hear a whole lot about for lithium. It is growing now too through further innovation in other types of high strength glass products and ceramic products."

To access the full Critical Minerals Institute interview, [click here](#)

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About Avalon Advanced Materials Inc.

Avalon Advanced Materials Inc. is a Canadian mineral development company specializing in sustainably-produced materials for clean technology. The Company now has four advanced stage projects, providing investors with exposure to lithium, tin and indium, as well as rare earth elements, tantalum, cesium and zirconium.

Avalon is currently focusing on developing its Separation Rapids Lithium Project near Kenora, Ontario while continuing to advance other projects, including its 100%-owned Lilypad Cesium-Tantalum-Lithium Project located near Fort Hope, Ontario. Social responsibility and environmental stewardship are corporate cornerstones.

To learn more about Avalon Advanced Materials Inc., [click here](#)

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Don Bubar of Avalon Advanced Materials on signing key new agreements and the high demand for lithium

written by InvestorNews | March 16, 2023

In this InvestorIntel interview, host Tracy Weslosky talks to [Avalon Advanced Materials Inc.](#)'s (TSX: AVL | OTCQB: AVLNF) President, CEO and Director Don Bubar about the growing world demand for lithium for high strength glass ceramics, and its recent announcement that it has secured a firm commitment to purchase petalite concentrates produced at the company's Separation Rapids Lithium Project in Ontario, Canada.

In the interview, which can also be viewed in full on the InvestorIntel YouTube channel ([click here to access InvestorChannel.com](https://www.investorintel.com)), Don tells Tracy that most people are aware of the growing importance of lithium in EV battery technology,

but “one of the main uses from the past has always been in high strength glass ceramic products... It’s actually the mineral that Corning used to invent CorningWare cookware, which was one of the first examples of high strength glass ceramic product.” He goes on to say that there is increasing demand and innovative uses for other types of high strength glass ceramic products that require the high purity lithium aluminum silicate mineral petalite produced by Avalon. Don also discusses the new multi-year off-take agreement recently announced by Avalon for the delivery of petalite to a major non-Chinese international glass ceramic manufacturer.

Don also talks about Avalon being one of the three companies to sign a non-binding memorandum of understanding with LG Energy Solution to supply them with a battery-grade lithium hydroxide starting in 2025. The MOU was signed during the visit of South Korea’s President, Yoon Suk Yeol, to Canada in September. Under the terms of the MOU, Avalon would commit for an initial period of five years to provide LGES with at least 50% of its planned initial lithium hydroxide production. Don adds: “We’ve been getting the message out on our vision for creating the lithium battery materials refinery in Thunder Bay, and that would be an ideal location to serve the needs of companies that are now going to set up manufacturing facilities in Southern Ontario.”

To access the full InvestorIntel interview, [click here](#)

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A triple play deal for battery materials between Canada and Korea prove critical minerals incentives work

written by InvestorNews | March 16, 2023

When we started writing the [Dean's List series](#) back in late July to highlight the burgeoning government support for critical minerals, supply chain and EV battery manufacturing, I had no idea how quickly that support would start turning into tangible deals for producer supply agreements. Sure, the first big facility announcement was way back in March with the Stellantis, LG Energy Solution [C\\$4.9 billion electric vehicle battery plant](#) in Windsor, Ontario, and there have been numerous deals announced in the interim both North and South of the 49th parallel for various multi-billion dollar facilities. But what happened on September 22 and 23 appears to have taken things to

another level for the producers of the materials that go into EV batteries.

The aforementioned 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. It appears the [Inflation Reduction Act](#), which requires that 40% of battery components be sourced from factories in the U.S. or its free trade agreement partners and that Chinese components and minerals be phased out beginning in 2024, has lit a fire under those who want to lead the charge to manufacture EV batteries for North American built vehicles. Given where demand is forecast to go over the next 5 to 10 years, these three deals could just be the tip of the iceberg as other manufacturers follow suit.

The first “winner” of the LGES battery supply lottery was [Electra Battery Materials Corporation](#) (TSXV: ELBM | NASDAQ: ELBM). Electra is a processor of low-carbon, ethically-sourced battery materials who is currently commissioning North America’s only cobalt sulfate refinery. Their deal is [a three-year agreement](#) to supply LGES with 7,000 tonnes of battery grade cobalt from 2023 to 2025. Electra will supply 1,000 tonnes of cobalt contained in a cobalt sulfate product in 2023 and a further 3,000 tonnes in 2024 and 2025 under an agreed pricing mechanism. Cobalt sulfate provided under the term of the contract with LGES will be sufficient to supply up to 1.5 million full electric vehicles. In addition to the supply agreement, Electra and LGES have agreed to cooperate and explore ways to advance opportunities across North America’s EV supply chain, including, but not limited to, the securing of sustainable sources of raw materials.

Next up for LGES was a pair of lithium supply deals. We'll explore the [Avalon Advanced Materials Inc.](#) (TSX: AVL |OTCQB: AVLNF) news first, mainly because it was the first company highlighted on the [Dean's List](#), so indulge me while I pat myself on the back. Avalon is a Canadian mineral development company specializing in sustainably produced materials for clean technology. Avalon is currently focusing on developing its [Separation Rapids Lithium Project](#) near Kenora, Ontario while continuing to advance other projects, including its 100%-owned [Lilypad Cesium-Tantalum Lithium Project](#) located near Fort Hope, Ontario. The Company signed a non-binding [memorandum of understanding](#) (MOU) with LGES to supply battery-grade lithium hydroxide starting in 2025. The MOU would see Avalon commit, for five years initially, to provide LGES with at least 50% of its planned initial lithium hydroxide production from its Thunder Bay facility (11,000 tons per year), with the potential to increase production as demand grows.

The second lithium, and third overall deal for LGES in a 24 hours span was with [Snow Lake Resources Ltd.](#) (NASDAQ: LITM). Snow Lake is committed to creating and operating a fully renewable and sustainable lithium mine that can deliver a completely traceable and carbon neutral product to the North American electric vehicle and battery markets. The [Thompson Brothers Lithium Project](#) now covers a 55,318-acre site and contains an identified-to-date 11.1 million metric tonnes indicated and inferred resource at 1% Li₂O. Snow Lake signed a [non-binding MOU with LGES](#) to supply lithium hydroxide (20,000 tons per year) over a 10-year period once production starts in 2025. The deal between the two entities will see them collaborate to explore the opportunity to create one of Canada's first lithium hydroxide processing plants in CentrePort, Winnipeg, Manitoba.

It should be noted that the Electra deal is a binding term

sheet, while the other two are non-binding MOUs. Investors need to understand that there is a lot more certainty to the Electra deal than the other two which is likely why, as of yesterday's close, Electra was still up 2% versus where it was trading before the LGES announcement while Avalon was down 6% and Snow Lake down 18% versus pre-LGES announcement trading. Not to take anything away from the non-binding deals, they are still very important and a positive sign for these companies, but the market isn't very forgiving these days so there is definitely value in certainty. For Avalon that certainty is anticipated to come with a definitive supply agreement, which is intended to be finalized in no later than 6 weeks. I could not find confirmation of timing to firm up commitments in any of Snow Lake's press releases.

Rare earths expert Alastair Neill on Vital Metals

written by | March 16, 2023

"Overall Vital appears well on the way to producing commercial quantities of rare earth concentrate, a first in Canada." – Alastair Neill, President, Critical Minerals Institute

[Vital Metals Limited](#) (ASX: VML | OTCQB: VTMXF) is an Australian listed company whose subsidiary, [Cheetah Resources](#), is developing the Nechalacho project in the Northwest Territories of Canada. The deposit was previously owned by [Avalon Advanced Materials Inc.](#) (TSX: AVL | OTCQB: AVLNF), and they sold the rights in 2019 to Cheetah for the material 150 meters above sea level. Avalon retained the rights to the basal zone deposit

which is underground. The deposit is reported to have 94.7 million tonnes at 1.46% REO (0.1% Nd/Pr cutoff). The mineral hosting the rare earths is bastnaesite, which is good as this mineral has been processing successfully for many years.

Vital raised A\$45 million recently through a targeted share placement at A\$0.04 per share. According to their [press release](#) the funds will be used for:

- Finalisation of construction activities and undertake commissioning, ramp-up and operations at its Rare Earth Extraction Facility in Saskatoon, which will produce a rare earth carbonate product
- Accelerated development of Tardiff deposit at Nechalacho, Canada, including mining studies

A strong balance sheet for ongoing working capital requirements

This project is the most advanced rare earth project currently in Canada. The initial focus is the North T zone which has a resource of 101,000 metric tonnes at 9.01% contained Total Rare Earth Oxides (TREO). Based on tests run at their Saskatoon rare earth extraction plant they can get a 75% recovery to produce a 43.7% concentrate. Based on this, the deposit would produce 6,825 metric tonnes of TREO which would contain 1,600 tonnes of Neodymium (Nd) and Praseodymium (Pr). Tests have been done using X-ray Transmission (XRT) to sort the ore as the ore is hosted in quartz, which is white, and the rare earth mineral which is red. This is a simple way to upgrade the TREO content at site.

There is an offtake agreement with REEtec, a Norwegian company that is developing a new rare earth separation process. The agreement is for Vital to deliver 1,000 tonnes per year (TPY) of TREO (excluding Cerium (Ce)). Based on that Ce will be eliminated before shipping the concentrate to Norway. This is a

step that has been done before by Molycorp in the 1980s. It reduces the material handling by 50% and obviously the size of downstream processing equipment. The North T zone will provide 3,400 of the 5,000 tonnes which means Cheetah will have to open the Basal zone to meet the balance of the supply contract.

Looking at today's prices on Shanghai Metal Market (SMM) the separated value of this contract is over US\$286 million. Assuming Vital gets 1/3 of the value for the concentrate this would produce revenues of over US\$95 million of which US\$92 million would come from Nd/Pr. Details of the agreement are not revealed so REEtec may be a toll arrangement which could produce more revenue for Vital though I expect the initial target would be to sell La, Nd and Pr in Europe as there are customers in Europe.

Interestingly the extraction plant is located beside the Saskatchewan Research Council (SRC) which has announced that they will be building a rare earth separation facility to process monazite by 2024. SRC has two rare earth experts from China on staff. SRC is also putting in an Nd/Pr metal facility which takes the oxide to the next level in the supply chain.

In addition to the Nechalacho project, Vital has a project in Tanzania called Wigu Hill. Vital has signed a project development and option agreement with Montero Mining & Exploration Ltd. (TSXV: MON), to acquire and develop the Wigu Hill project. The Wigu Hill project is a light rare earth element deposit and consists of a large carbonite complex with bastnaesite mineralization with a NI 43-101 Inferred resource estimate of 3.3Mt at 2.6% light REOs. This is also a bastnaesite mineral.

Overall Vital appears well on the way to producing commercial quantities of rare earth concentrate, a first in Canada.

Questions that do need to be answered are what are the costs of operating an open pit mine in Northern Canada and the costs to transport material to Saskatoon.

Avalon Advanced Materials Don Bubar on the Acceleration of the Separation Rapids Lithium Project

written by InvestorNews | March 16, 2023

In this InvestorIntel interview with host Tracy Weslosky, [Avalon Advanced Materials Inc.](#)'s (TSX: AVL | OTCQB: AVLNF) President, CEO and Director Don Bubar talks about their lithium extraction technology and about securing a [\\$3M convertible security funding](#) to accelerate Separation Rapids Lithium Project.

In the interview, which can also be viewed in full on the InvestorIntel YouTube channel ([click here to access InvestorChannel.com](#)), Don starts, "We've been in this space for 25 years...while 25 years ago was a bit early for battery materials, we knew it would have a day and that day has finally come." Don also provides an update on reactivating Avalon's East Kemptville Tin Project which "was the only ever primary tin producer in North American history." Emphasizing how tin has emerged as a very important technology metal due to its growing usage in many technology applications, Don talks about Avalon creating a new supply.

To access the full InvestorIntel interview, [click here](#)

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The Dean's List – Part 1: What rare earths company will benefit from Canada's

commitment to critical minerals?

written by InvestorNews | March 16, 2023

Part 1: Avalon Advanced Materials Inc.

Since the start of the very unnecessary war in Ukraine both federal and provincial governments in Canada have made numerous announcements with respect to critical materials, supply chain, EV battery manufacturing, and a whole host of other related subjects. The province of Ontario made a big splash in March, first announcing its [strategy for 'critical minerals'](#) worth C\$3.5 billion to Ontario's economy followed shortly by a [C\\$4.9 billion electric vehicle battery plant](#) in Windsor, Ontario. Then in April, the Federal Government got in on the action with [Budget 2022, proposing up to C\\$3.8 billion in support](#) over eight years to implement [Canada's first Critical Minerals Strategy](#).

All these initiatives could have material impacts on several companies in the mining sector in Canada. Against this backdrop, we will begin a series of articles looking at the companies that could benefit from this government support to help position Canada to lead the way in supplying materials for clean technology, healthcare, aerospace, and computing, that will continue to be in high demand for years to come.

We'll start the series by looking at an Ontario based mining company providing investors with exposure to lithium, rare earths, cesium, tantalum, feldspars, tin and indium. [Avalon Advanced Materials Inc.](#) (TSX: AVL | OTCQB: AVLNF) is a Canadian mineral development company specializing in sustainably produced materials for clean technology. Avalon is currently focusing on developing its [Separation Rapids Lithium Project](#) near Kenora,

Ontario while continuing to advance other projects, including its 100%-owned [Lilypad Cesium-Tantalum Lithium Project](#) located near Fort Hope, Ontario. Additionally, Avalon is evaluating opportunities to apply an innovative, new extraction technology to recover rare earths and other metals from acid mine drainage at closed mine sites and remediate the environmental liability.

Unlike typical articles about companies where we focus on what a company is up to and where the next catalyst may come from, this series is going to look at how a company may be able to tap into some of the cash governments are pledging to the industry or benefits that may accrue due to policy changes. Accordingly, let's review a few of the highlights from the various announcements.

Both Ontario and the Federal Budget announcements included funding to improve the regulatory framework, which has the potential to backfire in my opinion, but if successful this should be a benefit to any and all mining companies in Canada. However, the Ontario announcement goes one step further to include the development of a regulatory framework for recovery of minerals from mine tailings and waste with an amendment to the Mining Act. Avalon has been looking at several such opportunities including [East Kemptville Tin-Indium](#) and the Cargill past-producing phosphate mine site in Ontario with concentrations of rare earths, scandium and zirconium in the tailings. Unfortunately, East Kemptville is in Nova Scotia so it falls outside of Ontario's jurisdiction, but if Avalon can advance their process, I'm sure there is ample opportunities to apply the technology to many of Ontario's past producing mines.

Another pillar in the Ontario strategy was the encouragement of domestic processing and creating resilient local supply chains. The announcement of the Stellantis and LG Energy Solution JV marking Canada's first lithium-ion electric vehicle (EV) battery

manufacturing plant went a long way toward supporting this initiative. And what goes into lithium-ion batteries? Lithium of course, and Avalon is well positioned with [two lithium projects located in Ontario](#). That strikes me as being in the right place at the right time with the right commodity. We'll see how this plays out over the next few years as the plant is scheduled to begin production in early 2025.

Another catch-all for all junior miners in Canada was the Federal Budget announcement of the introduction of a new 30% [Critical Mineral Exploration Tax Credit](#) for specified mineral exploration expenses incurred in Canada and renounced to flow-through share investors. The tax credit would apply to eligible materials including nickel, lithium, cobalt, graphite, copper, rare earth elements, vanadium, tellurium, gallium, scandium, titanium, magnesium, zinc, platinum group metals, and uranium. This should help any explorer in the sector looking to fund upcoming drilling programs by providing another avenue of raising capital.

As long as governments don't get in the way of their good intentions, we could be on the verge of a golden era for critical mineral explorers, miners and processors in Canada. Correspondingly, over the next several weeks we'll continue to look at companies like Avalon that find themselves well-positioned to take advantage of this renewed focus by the Canadian Government on the security of supply, to exploit Canada's abundance of valuable critical minerals.

Rare Earths and the Challenges of Building a Domestic EV Material Supply Chain

written by InvestorNews | March 16, 2023

In this InvestorIntel PDAC 2022 Panel on rare earths and “Building the EV Material Supply Chain”, host Byron W King is joined by [Search Minerals Inc.](#)’s (TSXV: SMY | OTCQB: SHCMF) President, CEO, and Director Greg Andrews, [Appia Rare Earths & Uranium Corp.](#)’s (CSE: API | OTCQX: APAAF) President Frederick Kozak, [Avalon Advanced Materials Inc.](#)’s (TSX: AVL | OTCQB: AVLNF) President, CEO and Director Don Bubar, and [Vital Metals Limited](#)’s (ASX: VML | OTCQB: VTMXF) Managing Director Geoff Atkins.

In the video, which can also be viewed in full on the InvestorIntel YouTube channel ([click here](#)), the panel discusses whether there is enough rare earths supply to meet the future demand for electric vehicles. Vital Minerals’ Geoff Atkins talks about the shift from government pressure to move to electric vehicles to increasing consumer demand for EVs, especially outside the United States, and the different processing requirements for EV batteries and rare earths magnet components which make “just in time” supply chain inventory management impossible.

Avalon President Don Bubar notes that China’s rare earths dominance came from how “they saw before anyone in the West how you have to create the downstream manufacturing and processing capacity in order to justify creating the primary supply, and that’s a foreign concept to the traditional mining industry here in Canada.” Greg Andrews agrees that the challenge is “trying to create rare earths industry in Canada that doesn’t exist,” but

as Appia president Frederick Kozak points out, the new Saskatchewan rare earths processing facility makes domestic processing more attractive “as opposed to having to ship it to China for processing.”

To access the full InvestorIntel interview, [click here](#)

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About Search Minerals Inc.

Led by a proven management team and board of directors, Search is focused on finding and developing Critical Rare Earths Elements (CREE), Zirconium (Zr) and Hafnium (Hf) resources within the emerging Port Hope Simpson – St. Lewis CREE District of southeast Labrador. The Company controls a belt 63 km long and 2 km wide and is road accessible, on tidewater, and located within 3 local communities. Search has completed a preliminary economic assessment report for **FOXTROT**, and a resource estimate for **DEEP FOX**. Search is also working on three exploration prospects along the belt which include: **FOX MEADOW**, **SILVER FOX** and **AWESOME FOX**.

Search has continued to optimize our patented Direct Extraction Process technology with support from the Department of Industry, Energy and Technology, Government of Newfoundland and Labrador, and from the Atlantic Canada Opportunity Agency. We have completed two pilot plant operations and produced highly purified mixed rare earth carbonate concentrate and mixed rare earth concentrate for separation and refining. We also recognize the continued support by the Government of Newfoundland and Labrador for its Junior Exploration Program.

Search Minerals was selected to participate in the Government of Canada Accelerated Growth Service (“AGS”) initiative, which

supports high growth companies. AGS, as a 'one-stop shop' model, provides Search with coordinated access to Government of Canada resources as Search continues to move quickly to production and contribute to the establishment of a stable and secure rare earth element North American and European supply chain.

To learn more about Search Minerals Inc., [click here](#)

About Appia Rare Earths & Uranium Corp.

Appia is a Canadian publicly-listed company in the rare earth element and uranium sectors. The Company is currently focusing on delineating high-grade critical rare earth elements and gallium on the Alces Lake property, as well as exploring for high-grade uranium in the prolific Athabasca Basin on its Otherside, Loranger, North Wollaston, and Eastside properties. The Company holds the surface rights to exploration for 105,026 hectares (259,525 acres) in Saskatchewan. The Company also has a 100% interest in 12,545 hectares (31,000 acres), with rare earth element and uranium deposits over five mineralized zones in the Elliot Lake Camp, Ontario.

To learn more about Appia Rare Earths & Uranium Corp., [click here](#)

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To learn more about Avalon Advanced Materials Inc., [click here](#)

About Vital Metals Limited

Vital Metals Limited (ASX: VML) is Canada's first rare earths producer following commencement of production at its Nechalacho rare earths project in Canada in June 2021. It holds a portfolio of rare earths, technology metals and gold projects located in Canada, Africa and Germany.

To know more about Vital Metals Limited, [click here](#)

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InvestorIntel is digging for stories at PDAC 2022

written by Stephen Lautens | March 16, 2023

PDAC 2022 is underway, and InvestorIntel is one of the media sponsors at the world's largest mining and exploration convention. We are busy looking for new stories and meeting old friends at the first in-person PDAC since 2020.

Monday through Wednesday (June 13-15), InvestorIntel is conducting exclusive interviews with industry leaders, presidents and CEOs of some of the most interesting silver, gold, rare earths, uranium and other critical materials

companies.

On Monday our first panel was **Rare Earths, Sustainability & Meeting the EV Market Demand** hosted by InvestorIntel CEO and Founder Tracy Weslosky with panelists Mark Chalmers, President and CEO of [Energy Fuels Inc.](#) (NYSE American: UUUU | TSX: EFR) and Constantine Karayannopoulos, President, CEO and Director of [Neo Performance Materials Inc.](#) (TSX: NEO).

Our next panel discussion was hosted by Chris Thompson of [eResearch](#) on **Silver, The Technology Metal & Market** with Byron W. King, InvestorIntel columnist, [Bald Eagle Gold Corp.](#)'s (TSXV: BIG) CEO Chris Paul, [Silver Bullet Mines Corp.](#)'s (TSXV: SBMI) VP Capital Markets and Director Peter Clausi, and Simon Ridgway, Founder, Director, President and CEO of [Volcanic Gold Mines Inc.](#) (TSXV: VG).

To finish off Monday's schedule, InvestorIntel columnist and renowned critical materials expert Byron W. King, led a panel discussion on **Building the EV Material Supply Chain** with [Appia Rare Earths & Uranium Corp.](#)'s (CSE: API | OTCQB: APAAF) President Frederick Kozak, [Search Minerals Inc.](#)'s (TSXV: SMY | OTCQB: SHCMF) President, CEO, and Director Greg Andrews, [Avalon Advanced Materials Inc.](#)'s (TSX: AVL | OTCQB: AVLNF) President, CEO and Director, Don Bubar, and [Vital Metals Limited](#)'s (ASX: VML | OTCQB: VTMXF) Managing Director, Geoff Atkins.

If you are at PDAC, be sure to visit the InvestorIntel media studio on Level 700.

Avalon's Don Bubar on the first regional lithium battery materials refinery in Ontario

written by InvestorNews | March 16, 2023

In this InvestorIntel interview with host Tracy Weslosky, [Avalon Advanced Materials Inc.](#)'s (TSX: AVL | OTCQB: AVLNF) President, CEO and Director, Don Bubar talks about Avalon's recent [partnership agreement](#) with an Essar Group company to co-develop Ontario's first regional lithium battery materials refinery in Thunder Bay, Canada.

In the interview, which can also be viewed in full on the InvestorIntel YouTube channel ([click here](#)), Don Bubar says that the setting up of the refinery is the key step in establishing a domestic battery materials supply chain to serve the needs of future electric vehicle and battery manufacturers in North America. Touching upon the Ontario government's Critical Minerals Strategy to support a domestic electric vehicle supply chain, Don provides an update on the feasibility studies for both the refinery operations and lithium mineral concentrate production at Avalon's Separation Rapids, Ontario, Project. With the Canadian Federal government also signaling strong support to the domestic critical minerals industry in the 2022 Canadian Federal Budget, Don talks about the renewed interest for Avalon petalite lithium mineral concentrates from high strength, high temperature capable, glass and ceramic manufacturers.

Don't miss other InvestorIntel interviews. Subscribe to the InvestorIntel YouTube channel by [clicking here](#).

About Avalon Advanced Materials Inc.

Avalon Advanced Materials Inc. is a Canadian mineral development company specializing in sustainably-produced materials for clean technology. The Company now has four advanced stage projects, providing investors with exposure to lithium, tin and indium, as well as rare earth elements, tantalum, cesium and zirconium. Avalon is currently focusing on developing its Separation Rapids Lithium Project near Kenora, Ontario while continuing to advance other projects, including its 100%-owned Lilypad Cesium-Tantalum-Lithium Project located near Fort Hope, Ontario. Social responsibility and environmental stewardship are corporate cornerstones.

To learn more about Avalon Advanced Materials Inc., [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 info@investorintel.com.