

# Chris Thompson of eResearch talks about his Search Minerals “Holy Grail” rare earths research report

written by InvestorNews | October 13, 2022

In this InvestorIntel interview, host Tracy Weslosky talks to [eResearch Corporation](#)'s President & Director of Research, Chris Thompson, about his recently released 72-page [Initiation Equity Research Report](#) on [Search Minerals Inc.](#) (TSXV: SMY | OTCQB: SHCMF).

Talking about the need for a comprehensive report, Chris tells Tracy: “The report on Search Minerals contained a lot of information on the rare earth minerals because a lot of people don't know a lot about them. So, and since there are 17 different minerals in that grouping, it was like writing a report on 17 different minerals in one report.” He goes on to talk about the importance of rare earths to modern industries like electric vehicles, wireless imaging and solar power: “All these modern technologies rely on one or many of these rare earths and they are critically important because you cannot substitute them, so you cannot take another mineral and substitute them into the product, so you need these minerals and that's what makes them very important.”

Discussing Search Minerals, Chris continued that “the important thing is that Search Minerals is a Canadian company that's focusing on developing a project in Labrador, so it's a homegrown project for the very important rare earths sector and it looks like that may be driving forward to be one of the first operating mines and processors in North America.” With a revised

PEA and improved economics, he continues that “I think the important thing about this company and the project is the fact that it is a district scale project, and it can go on for over 20 years, which is important when you’re developing a project of this size.”

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 South East Labrador. Search controls two deposits (Foxtrot and Deep Fox), two drill ready prospects (Fox Meadow and Silver Fox) and numerous other REE prospects, including Fox Valley, Foxy Lady and Awesome Fox, along a 64 km long belt forming a REE District in Labrador. Search has completed a preliminary economic assessment report for **DEEPFOX** and **FOXTR0T**. 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 the 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 REO 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](#)

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

written by InvestorNews | October 13, 2022

In this Critical Minerals Institute interview, host Jack Lifton talks to [Avalon Advanced Materials Inc.](https://www.sedar.com/financials/sec-filings/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.youtube.com/channel/UCqWz8v8v8v8v8v8v8v8v8v8)), 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.

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# Peter Cashin on the increases in scandium and rare earths recoveries on Imperial Mining's Crater Lake Development Project

written by InvestorNews | October 13, 2022

In this InvestorIntel interview, host Tracy Weslosky talks to [Imperial Mining Group Ltd.](#)'s (TSXV: IPG | OTCQB: IMPNF) President and CEO Peter Cashin about a [recent announcement](#) on the increases in scandium and rare earths recoveries on its Crater Lake Development Project in Quebec.

Peter says: "We are also doing additional work to convert some of the inferred resources into indicated (resources). And in doing that work – we've actually found areas of mineralization that are thicker than we had anticipated. So it's probably going to add to the bottom line as well." He goes on to provide an update on the progress Imperial Mining has made to move the Crater Lake project towards a Feasibility Study. Peter also talks about the use of scandium in lightweighting applications to make vehicles fuel efficient and extend battery range in electric vehicles.

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

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### **About Imperial Mining Group Ltd.**

Imperial is a Canadian mineral exploration and development company focused on the advancement of its technology metals projects in Québec. Imperial is publicly listed on the TSX Venture Exchange as "IPG" and on the OTCQB Exchange as "IMPNF" and is led by an experienced team of mineral exploration and development professionals with a strong track record of mineral deposit discovery in numerous metal commodities.

To learn more about Imperial Mining Group Ltd., [click here](#)

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## **Auxico Resources is making a splash in the rare earths world by shipping monazite from the DRC**

written by Raj Shah | October 13, 2022

[Auxico Resources Canada Inc.](#) (CSE: AUAG) is a new entrant into the rare earth supply chain story. This year they have made [4 shipments of monazite sands concentrate](#) from the Democratic Republic of Congo (DRC) totaling 720 tonnes of concentrate for a

combined value of US\$3.8 million. Auxico keeps 15% of this amount or US\$570k and the balance going to Central American Nickel (CAN). Pierre Gauthier, a Montreal businessman, is the Chairman of Central American Nickel and Executive Director of Auxico Resources. Auxico has signed a sales agency agreement with CAN and according to their website the offtake agreement is for 5 years for a minimum amount of 18,000 tonnes of concentrate, or about 300 tonnes per month (TPM), and has a target of 1,000 TPM. The recent sale was analyzed to have approximately 60% total rare earth oxides (TREO) which is good and a Neodymium (Nd) level of 14.95% and Praseodymium (Pr) of 3.4%, which is higher than Mt. Pass levels.

Looking at the prices of Neodymium and Praseodymium from July, the sales price received is around 30% of the contained value of Nd and Pr, which is in the typical range paid by the Chinese for concentrate. No destination is indicated but China would be the logical destination. The only other places would be [Energy Fuels Inc.](#) (NYSE American: UUUU | TSX: EFR) in the USA which can handle monazite or possibly [Neo Performance Materials Inc.](#) (TSX: NEO) plant in Estonia. In the future, the Saskatchewan Research Council could also be a client once their pilot plant is completed. Since the middle of the year prices for Nd and Pr have dropped around 40%, so revenues per tonne should drop accordingly to around \$4,000 per tonne. Their goal is to reach 1,000 TPM by year end, which would generate total revenues of \$4 million/month or \$600K USD for Auxico as its monthly 15% share.

Two recent additions to Auxico are noteworthy. [Frederick Kozak](#) became President after having been President at [Appia Rare Earths & Uranium Corp.](#) (CSE: API | OTCQX: APAAF). He replaces Pierre Gauthier who had been Chairman and CEO. Also added to the board was [Melissa Sanderson](#), a leader in ethically sustainable growth and previously served as a senior diplomat, including as Charge d'Affaires of the US Embassy in Kinshasa, DRC, so she

brings on the ground experience to Auxico as it deals with ethically sourcing concentrate from North Kivu, DRC cooperatives. Melissa sits on the Board of the [Critical Minerals Institute](#).

Auxico is also involved in projects in South America. Of note is the Massangana tin tailings project. In June of this year, Auxico announced an agreement with Cooperativa Estanifera de Mineradores da Amazônia Legal Ltda. ("CEMAL") concerning the production of tin, niobium and rare earths from the Massangana tailings estimated to contain 30,000,000 tonnes in the State of Rondonia, Brazil. As some of you know I am a fan of tailings as a source of critical minerals as the heavy lifting has already been done to get the material out of the ground. This deposit has 30 million tonnes of tailings. A study done by the German Mineral Resources Agency and the Geological Survey of Brazil indicates that three types of products could be generated from the tin tailings: (A) a monazite concentrate; (B) a columbite Concentrate; and, (C) a cassiterite concentrate. According to their press release the following concentrates can be produced:



The TREO level in the tailings is better than some greenfield mines being promoted currently.

As noted in Auxico's [June press release](#) a feasibility study is to be done to process 3 million tonnes per year which would give a project life of 10 years. The objective of this project is to produce 135,000 tonnes of monazite concentrate per year, 19,500 tonnes of cassiterite concentrate (tin), and 45,000 tonnes of columbite concentrate (50% niobium + 5% tantalum). If the monazite concentrate is 37% as noted above, this would produce 50,000 TPY of TREO, which is significant as this would be around 25% of the current world production, which I estimate at 175-200,000 TPY. The tin output would be around 10,000 TPY in a

market which in 2019 was estimated at 310,000 tonnes, so it will not have a large impact in the market. The columbite would generate over 22,000 tonnes in a market which last year Statistica estimated at 75,000 tonnes. The largest Niobium producer is CBMM which is also based in Brazil.

Auxico uses a separation and recovery technology called Ultrasound Assisted Extraction (UAEx), which has been proven successful at recovering rare earths as well as other critical minerals.

Overall, Auxico has a lot to watch on multiple fronts.

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

# for lithium

written by InvestorNews | October 13, 2022

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](#)), 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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## Can Americans learn to love

# mining critical minerals to get them to the green transformation?

written by Melissa (Mel) Sanderson | October 13, 2022

Democratic Senator Joe Manchin from West Virginia is, let's face it, controversial. His stances on key issues frequently run counter to the majority of his party, and he has blocked key Democratic goals, most notably to abolish the filibuster, which would have enhanced the Democrats ability to pass legislation through the Senate. This hasn't endeared him to most Democratic voters nor to the Party leadership – but he doesn't seem to care. Joe knows how the game is played.

Most recently, for instance, he dickered hard on a deal to advance a key personal objective. President Biden and the Democrats desperately needed to pass the [Inflation Reduction Act](#) which, name notwithstanding, actually has a lot to do with supporting research around rare earths processing, among other things. In exchange for voting “aye” and effectively passing the legislation, Joe negotiated a back-door deal exchanging his vote for support for a Bill he has drafted going much further much faster than the Democrats are comfortable with going for the extractive industries writ large.

Known as the ‘[Energy Independence And Security Act of 2022](#),’ the EISA Bill attempts to make some common sense changes to the existing regulatory regime around permitting new mines in the US. Currently, it takes an average of 10 years to complete the permitting process and that's IF there is no significant social opposition or environmental complications. It can take longer and of course permits can be refused as well. More frequently, however, government agencies prefer stalling an application



until prevailing contrary winds dissipate or the company withdraws the request. It's important to note, however, that COVID has certainly contributed to the lag time on US permitting. Many agencies, including Environmental Protection, Forestry and Fish and Game, all key players in the regulatory framework, had previously suffered serious staffing reductions, either due to budget cuts or employee burnout – and then there was the shutdown. So even with the best of intentions, it's hard to catch up.

EISA attempts to shorten that permitting wait time to two years. It does this mainly by instructing the plethora of Federal agencies to work together and simultaneously (versus the current sequential process) and on one submission (versus currently requiring companies to present unique requests to individual Agencies). It also sets a series of response deadlines for Agencies to revert to companies with questions or requests for additional information – and most of those deadlines are 180 days. It also gives Governors the power to further streamline the process by identifying a project as essential, while encouraging Federal Agencies to more closely cooperate with their State counterparts.

Sounds pretty pragmatic and common sensical, right? Maybe not so much.

At the very end of the Bill, Manchin has language in which Congress essentially mandates approval of the Mountain Valley Pipeline within 30 days of passage of the legislation. This timebomb risks derailing the entire Bill – but it also likely is the reason for the Bill itself. Manchin has been a long-time supporter of the pipeline and some of his biggest and most reliable contributors are financial backers of the project. But this pipeline is immensely unpopular with a variety of NGOs who had already mobilized against it and therefore a tidal wave of

opposition hit the Democrats, derailing Manchin's strategy to attach his Bill to the Continuing Resolution to fund US government operations.

A steady drumbeat of misinformation has begun, playing on Americans' collective dislike of mining in general and new mines in particular. Although the Bill specifically mentions retaining prevailing environmental standards and regulations, NGOs are alleging the Bill will "gut" hard-won environmental legislation. Especially in the runup to what promises to be hotly contested mid-term elections, and with control of the Senate hanging in the balance (and possibly the Hill as well, if things go badly for the Dems), it's unlikely that the Bill even will be put forth for a hearing until after November 8.

The real question, however, isn't whether Joe Manchin will find a way to get this job done – I think he will, he's too able a trench warrior to fail.

The real question is whether Americans are capable of understanding that without new mining of rare earths and critical minerals (including copper) in the US, it will be virtually impossible to realize either the [Green Economic transformation](#) or national security imperatives. Everyone wants to [bash China](#) but no one wants to admit that modern mining isn't your granddad's mine. Americans (collectively) don't want to admit that, thanks to new technologies, strong environmental legislation and intense social media scrutiny, US mines are among the cleanest and safest in the world.

NIMBY huh? Well, Hurricane Ian is yet another reminder that if humans don't change their ways and truly transform our economies, we might have a lot more to worry about than whether a new rare earth, lithium or copper mine is getting permitted in America.

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# InvestorIntel Week-in-Review for the Week of September 19-30, 2022 – Regulators Remind Social Media Stars to Post Disclaimers

written by Tracy Weslosky | October 13, 2022

Confirming strain in the market from all said financial media sources – we are all watching the markets, along with you – seeking wisdom and refuge where there is indeed, none... and reveling in the wisdom from contrarians suggesting that this is when the real excitement begins.

Critical minerals interest led by nickel and tin, followed by copper and gold, dominate my last week's flood of emails. Just take a look at the top [10 Trending columns](#) from our site, and review the last 10 days of news flow listed below. And we will be taking a break from the Week in Review, as we countdown to a new website over the next 2 weeks...

So, what has history taught us? No matter what occurs, entertainment is the sector that thrives during downturns and volatility, I see Kim Kardashian is now making headlines for an Instagram post relating to a crypto post this morning surrounding a \$1.26M fine, the NY Times reports ([source](#)):

*The Securities and Exchange Commission announced a \$1.26 million settlement Monday morning with the celebrity for not*

*disclosing she had been paid \$250,000 to promote a crypto token sold by EthereumMax... Ms. Kardashian had promoted the crypto product as a good investment on her Instagram page in June 2021.*

A fan of Kim's for her leadership in drawing media attention to recidivism and her PR for Armenia, I urge you to take 5 minutes to introduce yourself to this corridor to the ME ([click here](#)).

On Kim's behalf, anyone that touched crypto and held it during that rock and roll trading concert has a story; however, we continue to remind our audience to do their due diligence, no matter who the source is, citing a stock or share price via social media. And is it really a breakthrough to understand that believing a recommendation from social media from someone who has been quite transparent that their income comes through endorsements on social media may not be reliable?

Speaking of this, I always note when a story that looks like a financial media post is missing the name of a writer and source, because that can be a flag. I receive alerts all the time with "Did you see this?" They send me news ideas and I must explain that if the story does not have an acknowledged writer and it's written about a public company – and the site also does not have a source or contact referenced, never mind is missing a team – then it probably has suspicious motives. For an example from September 20th, read [Business news: B.C. companies fined over social media posts | CTV News.](#)

Morning Chatter from Kevin Thomsen this AM, which I read daily. He writes:

*Welcome to the fourth quarter. It's been a rough year for stocks, and it doesn't look like markets' luck will turn around dramatically, if at all, during the final three months. All*

*three major averages on Friday closed out a losing quarter and a losing month, with the Dow closing below 29,000 for the first time since November 2020. They have all suffered three consecutive losing quarters, as well. Can it get any more grim, at least for stocks? The economy is still running hot despite the Federal Reserve's best efforts to cool it off with an aggressive rate-hike plan. (CNBC).*

#### *CANADA, PRE-OPEN:*

*Canadian futures are up, supported by oil prices that jumped over \$3 as OPEC+ considers reducing output by more than 1 million barrels per day. European shares slid, led by technology and financial stocks, as investors fretted about the economic health of the continent. Japan's Nikkei rose sharply, supported by a rally in chip-related stocks. The sterling was up after Britain reversed a plan to cut the highest rate of income tax, while the yen weakened against the U.S. dollar. Gold prices were in positive territory.*

#### *USA, PRE-OPEN:*

*The Nasdaq futures were dragged lower by Tesla shares after it failed to meet quarterly delivery targets, although the other two main indexes were headed for a positive start to the quarter.*

Enjoy your day, we have the following 2 companies hosting the pre-market InvestorTalk.com that you can secure access to by going to [www.InvestorTalk.com](http://www.InvestorTalk.com) to register –

- 9:00-9:20 AM EST, Wednesday, October 5, 2022 – InvestorTalk.com with Spencer Huh from Neo Battery Materials Ltd. (TSXV: NBM | OTCQB: NBMFF)
- 9:00-9:20 AM EST, Thursday, October 6, 2022 –

InvestorTalk.com with John Putters from Visionstate Corp.  
(TSXV: VIS)

### **The Top 10 Trending Columns on InvestorIntel.com for the last 30-days:**

1. [Maritz Smith of Alphamin Resources talks about its updated tin resource at its Mpama North Mine](#)
2. [American Rare Earths triples the Halleck Creek exploration target in Wyoming](#)
3. [Christopher Ecclestone of Molten Metals talks about breaking China's grip on antimony production](#)
4. [Peter Clausi of Silver Bullet Mines talks about their "just do it" philosophy](#)
5. [John Cash of Ur-Energy talks about renewed support for uranium producers and nuclear energy](#)
6. [All hands on deck – Top 10 rules for great PowerPoint presentations](#)
7. [Pat Ryan of Ucore Rare Metals on the importance of securing a domestic rare earths supply chain](#)
8. [Chris Gibbs and Marty Weems of American Rare Earths talk about tripling its Halleck Creek Target](#)
9. [When it comes to ESG, it's Rule Britannia](#)
10. [Hubert Lau of TrustBIX talks about their new food supply chain solutions and building revenue](#)

### **InvestorIntel Interviews to WATCH:**

- September 30, 2022 – [Pat Ryan of Ucore Rare Metals on the importance of securing a domestic rare earths supply chain](#)
- September 29, 2022 – [Frederick Kozak of Auxico Resources talks about the economic war for critical minerals](#)
- September 26, 2022 – [Peter Clausi of Silver Bullet Mines on discovering palladium and gold at its Buckeye Silver Mine](#)
- September 23, 2022 – [WCPD's Peter Nicholson Explains the](#)

## Win-Win of the Critical Minerals Charitable Flow Through Model

- September 22, 2022 – [Steve Saviuk of Valeo Pharma talks about acquiring new therapeutic drugs and record Q3 revenue](#)
- September 22, 2022 – [Greg Fenton of Zentek on its new mask manufacturing agreement and US interest in its HVAC filters](#)
- September 21, 2022 – [Troy Boisjoli of Murchison Minerals talks about drill results and expanding the Barre de Fer zone](#)
- September 20, 2022 – [Jack Lifton talks to Ian London about Canada's challenge to China's rare earths dominance](#)
- September 19, 2022 – [Joel Freudman talks about TRU Precious Metals' key location and coming gold and copper drill results](#)

## **InvestorIntel Columns to REVIEW:**

- September 29, 2022 – [Silver Bullet Mines discovers palladium and gold in its silver production at its Buckeye Mine](#)
- September 28, 2022 – [eResearch Report on Search Minerals offers investors a 'staggering' volume of information on the rare earths market](#)
- September 27, 2022 – [A triple play deal for battery materials between Canada and Korea proves critical minerals incentives work](#)
- September 26, 2022 – [Hemostemix adds depth and strength to its scientific bench on the road to commercialization](#)
- September 26, 2022 – [Power Nickel is building a nickel sulphide resource in Canada ready to potentially supply a new EV metals supply chain](#)
- September 23, 2022 – [Patriot Battery Metals is marking its territory as a lithium explorer for Quebec's Battery](#)

## Valley

- September 22, 2022 – [Nickel 28 Capital focuses on cash-flow positive nickel PNG mine and royalty portfolio that includes Mitsubishi JV](#)
- September 21, 2022 – [Power Australia: A flawed but welcome new law to fight climate change Down Under](#)
- September 20, 2022 – [InvestorIntel Week-in-Review for the Week of September 12-20, 2022](#)
- September 20, 2022 – [Newfoundland is the place to be for Leocor Gold's Shawn Ryan](#)
- September 19, 2022 – [Molten Metals sees opportunity in bringing antimony projects back into production](#)

## **ii8 System News Releases for the Week in Review for September 19-30, 2022:**

- September 30, 2022 – [dynaCERT's Program with Alectra Utilities Corporation Achieves Coveted Sustainability Award](#)
- September 30, 2022 – [Vital Metals Annual Report](#)
- September 29, 2022 – [Nickel 28 Files Fiscal Q2 Financial Statements](#)
- September 29, 2022 – [Metallurgical Test Work Successfully Completed at La Paz](#)
- September 29, 2022 – [Neo Performance Materials Inc. Provides Update on Shareholder Rights Plan](#)
- September 29, 2022 – [Romios Gold Completes IP-MT Survey on Trek South Target and Reports on 2022 Exploration Programs in The Golden Triangle, BC](#)
- September 29, 2022 – [Kodiak Drills 1.03% CuEq Over 117 m, Within 0.34% CuEq Over 735.4 m at Gate Zone, and Discovers New Trend at Prime Zone](#)
- September 28, 2022 – [Lomiko announces the third round of analytical results from the infill and extension exploration drill program at La Loutre Graphite property,](#)



[drilling wide high-grade intersections at 11.02% Cg over 120m at the northern end of EV Zone](#)

- [September 28, 2022 – TrustBIX Inc. Launches National Biomass Traceability Pilot Project with the Biomass Quality Network of Canada](#)
- [September 28, 2022 – Volcanic Gold provides update on developments in Guatemala](#)
- [September 27, 2022 – Hemostemix Announces the Appointment of Dr. Ernst von Schwarz, MD, PhD, FESC, FACC, FSCAI to Its Scientific Advisory Board](#)
- [September 27, 2022 – Zentek's ZenGUARD\(TM\) Patent Application Allowed by the Canadian Patent Office](#)
- [September 27, 2022 – Avalon Enters into Off-take Agreement for Petalite Concentrates from Major International Glass-Ceramics Manufacturer](#)
- [September 27, 2022 – Nano One and Euro Manganese Validate Manganese Metal in M2CAM Process](#)
- [September 26, 2022 – Silver Bullet Mines Corp. Discovery of Palladium and Gold](#)
- [September 26, 2022 – Exercise of Warrants & Extension of Warrants](#)
- [September 23, 2022 – Vital Metals Appoints Damon Colbert As CFO](#)
- [September 23, 2022 – Vital Unveils Rare Earth Processing Plant in Saskatoon](#)
- [September 22, 2022 – Avalon and LG Energy Solution Sign Memorandum of Understanding to Accelerate Ontario's Lithium Battery Materials Supply Chain](#)
- [September 22, 2022 – Voyageur Pharmaceuticals Ltd. Submits Notice of Work to Extract 2,000 Tonnes of Barium Sulfate from Frances Creek Project](#)
- [September 22, 2022 – TRU Opens Up New Copper-Gold-Silver Discovery at Golden Rose](#)
- [September 22, 2022 – Power Nickel Follows Up Release of NI](#)

## 43-101 Compliant Mineral Resource Estimate on the Nisk Nickel Project With Commencement of Second Round of Drilling

- September 21, 2022 – [Visionstate Portfolio Company Exceed Solar Launches Strategy to Address Food Security](#)
- September 21, 2022 – [Appia Announces Grant of Stock Options](#)
- September 21, 2022 – [Molten Metals Corp. Awarded the Bear Creek \(Medvedi Potok\) Tin Mine in Slovakia](#)
- September 21, 2022 – [Troilus Joins United Nations Global Compact Initiative](#)
- September 21, 2022 – [Auxico Exports 432 Tonnes of Rare Earth Concentrates from the DRC](#)
- September 21, 2022 – [Elcora and Gold Lion finalize agreement to begin exploitation of a Manganese Mining License in Morocco](#)
- September 20, 2022 – [West Red Lake Gold Mines Announces New Director Appointments](#)
- September 20, 2022 – [Neo Performance Materials Inc. Adopts Shareholder Rights Plan](#)
- September 20, 2022 – [Hemostemix Announces the Appointment of Dr. Terry Hébert, PhD, to Its Scientific Advisory Board](#)
- September 20, 2022 – [Lomiko Announces Second Round of Analytical Results From the Infill and Extension Exploration Drill Program at La Loutre Graphite Property, Drilling 11.64% Cg Over 42.0m at Southern End of EV Zone](#)
- September 20, 2022 – [Zentek To Present at Sidoti Small-Cap Virtual Conference](#)
- September 20, 2022 – [Rackla Metals increases land holdings in the Tombstone Gold Belt, NWT with an option on the Astro Property](#)
- September 20, 2022 – [dynaCERT Invited to Present at the International Investment Forum \(IIF\)](#)
- September 19, 2022 – [Visionstate Corp. portfolio company](#)

### [Freedom Cannabis completes acquisition](#)

- September 19, 2022 – [Geophysical Survey at Appia's Athabasca Basin Uranium Property Outlines EM Lineaments Exceeding 10 km In Strike Length](#)
- September 19, 2022 – [Zentek Provides Update on Icephobic Coating Technology](#)
- September 19, 2022 – [TrustBIX Inc. to Host Live Corporate Webinar on September 21, 2022 at 11:30am ET](#)

Again, a new InvestorIntel.com website is coming in 2 weeks!

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## **Pat Ryan of Ucore Rare Metals on the importance of securing a domestic rare earths supply**

# chain

written by InvestorNews | October 13, 2022

In this InvestorIntel interview, host Jack Lifton talks to [Ucore Rare Metals Inc.](#)'s (TSXV: UCU | OTCQX: UURAF) Chairman and CEO Pat Ryan about the importance of securing a domestic rare earths supply chain and how Ucore is moving forward with their unique technology to commission a demonstration rare earth oxides processing plant by the end of the year.

In the interview, which can also be viewed in full on the InvestorIntel YouTube channel ([click here to access InvestorChannel.com](#)), Pat talks about his previous experience founding a Tier 1 automotive company and how important a stable and reliable supply chain is to the industry. "There are six times more critical metals in an electric vehicle than are in an internal combustion engine," Pat tells Jack. "The supply chain to support it – the metallic supply chains – are needed. It's right back to the days of Henry Ford when we had to invest in rubber plants and invest in steel mills and things that were required to make sure he could build his Model T vehicles back then, and the same thing applies today."

Pat goes on to tell Jack about how Ucore is building that domestic rare earths supply chain to reduce reliance on China: "So building the supply chains you need best-in-kind tech to get the job done. We bought a company – Innovation Metals Corp. – a couple years ago, and we've taken that technology and are getting it ready for commercial prime time. Now we're developing a demonstration plant in Kingston, Ontario, working with Kingston Process Metallurgy, that will be commissioned in Q4 of this year, 2022. It'll be processing tens of tons of rare earth concentrate from several feedstocks and producing rare earth oxides."

Pat sums up his attitude towards establishing a domestic rare earths supply chain: “Let’s get the job done – that’s where my career has been and that’s kind of my excitement about being the Chairman of Ucore as well.”

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

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

### **About Ucore Rare Metals Inc.**

Ucore is focused on rare- and critical-metals resources, extraction, beneficiation, and separation technologies with the potential for production, growth, and scalability. Ucore has an effective 100% ownership stake in the Bokan-Dotson Ridge Rare Earth Element Project in Southeast Alaska, USA. Ucore’s vision and plan is to become a leading advanced technology company, providing best-in-class metal separation products and services to the mining and mineral extraction industry.

Through strategic partnerships, this includes disrupting the People’s Republic of China’s control of the US REE supply chain through the near-term development of heavy and light rare-earth processing facilities – including the Alaska Strategic Metals Complex in Southeast Alaska and the long-term development of Ucore’s heavy-rare-earth-element mineral-resource property located at Bokan Mountain on Prince of Wales Island, Alaska.

To learn more about Ucore Rare Metals Inc., [click here](#)

***Disclaimer:*** Ucore Rare Metals Inc. is an advertorial member of InvestorIntel Corp.

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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](mailto:info@investorintel.com).

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# Frederick Kozak of Auxico Resources talks about the economic war for critical minerals

written by InvestorNews | October 13, 2022

In this InvestorIntel interview, host Tracy Weslosky talks to [Auxico Resources Canada Inc.](#)'s (CSE: AUAG) new President and CEO Frederick Kozak about the importance of securing reliable western supply sources of critical minerals and Auxico's progress in developing its monazite projects.

In the interview, which can also be viewed in full on the InvestorIntel YouTube channel ([click here to access InvestorChannel.com](#)), Frederick tells Tracy, "I don't think the world fully appreciates that we are in a full-blown economic war for critical materials," with China dominating the critical materials sector. Auxico is pursuing projects in other countries, like the DRC and Brazil. "We are sales agent for our sister company Central American Nickel which is currently producing monazite from the Democratic Republic of Congo," he says in the interview. "Within 2 years, 18 months, I'm going to be able to also deliver monazite from Brazil from processing tin tailings," he continued, "and then secondly I'm also going to be able to deliver monazite from Colombia." He also discusses Auxico's advantage in having a monazite deposit that is low to non-radioactive, eliminating one of the biggest problems in processing.

With a NI 43-101 technical report being prepared for its Brazil project and an updated one for the company's Colombia property, Frederick goes on to say that he and Auxico are looking forward

to meeting increasing demands for rare earths and other critical minerals. “The governments around the world are are getting going, but there is some inertia. I’m doing it now because I’m not waiting for the governments of the world to say: ‘Oh we have a problem.’ We know we have a problem and I’m going to be part of the solution.”

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

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

### **About Auxico Resources Canada Inc.**

Auxico Resources Canada Inc. is a Canadian company that was founded in 2014 and based in Montreal, trading on the Canadian Stock Exchange (CSE) under symbol AUAG. Auxico is engaged in the acquisition, exploration and development of mineral properties in Colombia, Brazil, Mexico, Bolivia and the Democratic Republic of the Congo.

To learn more about Auxico Resources Canada Inc., [click here](#)

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the date made. They are inherently susceptible to uncertainty and other factors that could cause actual events/results to differ materially from these forward-looking statements. Additional risks and uncertainties, including those that the Company does not know about now or that it currently deems immaterial, may also adversely affect the Company's business or any investment therein.

Any projections given are principally intended for use as objectives and are not intended, and should not be taken, as assurances that the projected results will be obtained by the Company. The assumptions used may not prove to be accurate and a potential decline in the Company's financial condition or results of operations may negatively impact the value of its securities. Prospective investors are urged to review the Company's profile on [Sedar.com](http://Sedar.com) and to carry out independent investigations in order to determine their interest in investing in the Company.

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](mailto:info@investorintel.com).

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**eResearch Report on Search  
Minerals offers investors a  
'staggering' volume of**

# information on the rare earths market

written by Tracy Weslosky | October 13, 2022

Over the years I have lost count of the times I have recommended that public companies secure a research report, simply because I personally love the benefit of third-party analysis and metrics. Toss in an analyst with more financial degrees than most CFOs such as eResearch's Chris Thompson, and the analysis can prove beneficial to everyone reading the content, including the company and all of us interested in critical minerals. Having followed rare earths company [Search Minerals Inc.](#) (TSXV: SMY | OTCQB: SHCMF) ("Search") for a decade now, the recent [eResearch analyst report](#) blind-sided me by the coverage in that it was a staggering 72-page overview, review and historical biography of not only Search Minerals, but a worthwhile read on the rare earths sector.

Now for my notes extracted from my review of the eResearch Report on Search, but again I urge you to access the [eResearch analyst report](#) directly to secure any answers you may be 'searching' for...

Search Minerals is developing their rare earths projects in Labrador, Canada. Their flagship project is the **Port Hope Simpson ("PHS") Property** which includes the Foxtrot resource, Deep Fox resource, Silver Fox, Awesome Fox, and Fox Meadow deposits. The Property is prospective for rare earth elements ('REE') Neodymium (Nd), Praseodymium (Pr), Dysprosium (Dy), and Terbium (Tb), Zirconium (Zr) and Hafnium (Hf). Search Minerals plans mining and primary production of the Deep Fox and Foxtrot deposits all going well by 2025 in Labrador and further refining of concentrate into REE oxides and carbonates on the Island of

Newfoundland thereafter.

The updated 2022 PEA resulted in a [post-tax NPV8% of C\\$1.31 billion](#) and a post-tax IRR of 41.5%. Initial CapEx was estimated at [C\\$422 million](#) (including a C\$61 million contingency) with a mine life of 26 years.

### **Foxtrot and Deep Fox Resource estimate – 31 December 2021**



Source: [Search Minerals news April 11, 2022](#)

### **Search Minerals development timeline plan**



Source: [eResearch report on Search Minerals p.15](#)

**Highlights of the eResearch report (“The report”) on Search Minerals, which was initiated on September 14, 2022:**

- **The Importance of Rare Earth Elements (REE)** – If you are new to rare earths, this report highlights the many uses of rare earths including their role in the EV sector. Of interest was the [quote on page 4](#): “Neodymium (Nd) is the strongest known magnetic substance and Nd magnets are used in applications that require strong, compact permanent magnets, such as cellular phones, electric motors, hard disk drives, televisions, and medical devices.” Also an interesting point for your next trivial discussion with friends over a glass of wine, is that the smartphone (screen and electronics) contains at least 9 rare earth elements.
- **Search Minerals PEA (2022) Highlights (based on the Foxtrot and Deep Fox Resource)** – Mine production of 2,000 tpd (720,000 tpa) over a 26-year mine life, including both

open pit and underground operations....Underground mining capital in Year 7 of C\$54 million is funded from operations....Annual production of approximately 1,437 t of Magnet Rare Earths Oxides (Nd+Pr: 1,291 t, Dy: 125 t, and Tb: 21 t).

- **Key Projects Funded for C2022:** Funded for Deep Fox exploration, preparation of 70t bulk sample, and working towards the start of a Feasibility Study.
- **Strong Management Team** – Management has extensive experience, geological knowledge of the region, and are experts in REE processing. Since I know many of the members of this team, I urge you to review the geological team as many in this sector often refer to them as the best in the business, specifically Dr. David Dreisinger whom Jack Lifton and I have used in numerous interviews over the years to help the InvestorIntel.com audience understand the rare earths market.
- **Search Minerals Appears Inexpensive Using Different Valuation Metrics** – The Report looked at several different valuation methodologies for Search Minerals. eResearch initiates coverage on Search Minerals and reports a Speculative Buy Rating.

Again, the eResearch report makes for compelling reading and I would encourage anyone serious about investing in rare earths investors to review the entire report.

Most certainly the potential 17x upside (p 5) if Search Minerals succeeds to production is something to consider, especially given the backdrop of forecast shortages of the key magnet rare earths this decade as the EV and wind energy sectors potentially boom. Investors should also consider the various risks that junior miners face as not all will succeed.

Search Minerals Inc. currently trades at C\$0.10 with a market

cap of [C\\$41 million](#).

*Disclosure: The valuations presented in this article are those of eResearch and not InvestorIntel. Search Minerals is a digital media advertiser on InvestorIntel.com and pays for both banner ads and interviews, however, neither eResearch nor Search Minerals have paid for this content.*