

# NeoTerrex Minerals' Mathieu Stephens on Unlocking Quebec's Rare Earths Potential

written by InvestorNews | March 15, 2024

In a compelling conversation with Tracy Weslosky at PDAC 2024, Mathieu Stephens, the President, CEO, and Director of [NeoTerrex Minerals Inc.](#) (TSXV: NTX), shared insights into the company's strategic pivot towards rare earths exploration, a move prompted by both serendipity and strategic analysis. NeoTerrex stumbled upon significant rare earth elements like neodymium (Nd) and dysprosium (Dy) in an old prospector report from Quebec, leading to the staking of what would become a key project for the company. Stephens, with a rich background in gold and base metals, articulated his fascination with rare earths, particularly due to their applications in green energy technologies and the strategic importance of developing domestic production capabilities in Canada. His anecdote, "I've never been as excited about any minerals as much as neodymium and the other rare earths," underscores the company's commitment to this new direction.

Amidst this strategic shift, NeoTerrex is advancing its rare earths projects located in Quebec, focusing on the Mount Discovery property, which the company wholly owns. The announcement of a maiden drill program is a significant milestone, reflecting both the project's potential and the logistical challenges faced due to unexpected warm weather affecting the start date. The planned 2,000-metre drill campaign aims to explore the King showing, where promising surface values hint at substantial depth extensions. Stephens's mention of the company being "fully cashed up" highlights a strong financial

position, allowing for a focused exploration strategy without the immediate need for external financing. This approach is bolstered by the presence of experienced capital market players on the team, promising a careful yet ambitious exploration and possibly strategic partnerships in the future.

The recent [news release](#) detailing the upcoming drill program on the Mount Discovery property reinforces the company's proactive stance in exploring rare earths potential. The program's aim to delineate areas of promising mineralization and its strategic approach to ascertain both lateral and depth extensions of mineralized zones showcase NeoTerrex's methodical exploration philosophy. With a diverse geological landscape and robust infrastructure supporting the project, NeoTerrex stands at the forefront of unlocking Quebec's rare earths potential, contributing to the strategic diversification of Canada's mineral production capabilities.

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

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

## About NeoTerrex Minerals Inc.

The Company is currently advancing its prospective rare earths projects located in the province of Quebec, with most of its activities focused on its Mount Discovery property. The Company owns a 100-percent undivided interest in certain mineral claims located in southwestern Quebec constituting the Mount Discovery property. The Property was acquired due to its rare earth element potential.

To know more about NeoTerrex Minerals Inc., [click here](#)

**Disclaimer:** This interview, which was produced by InvestorNews

Inc. ("InvestorNews"), does not contain, nor does it purport to contain, a summary of all material information concerning the Company, including important disclosure and risk factors associated with the Company, its business and an investment in its securities. InvestorNews offers no representations or warranties that any of the information contained in this interview is accurate or complete.

This interview and any transcriptions or reproductions thereof (collectively, this "presentation") does not constitute, or form part of, any offer or invitation to sell or issue, or any solicitation of any offer to subscribe for or purchase any securities in the Company. The information in this presentation is provided for informational purposes only and may be subject to updating, completion or revision, and except as may be required by applicable securities laws, the Company disclaims any intent or obligation to update any information herein. This presentation may contain "forward-looking statements" within the meaning of applicable Canadian securities legislation. Forward-looking statements are based on the opinions and assumptions of the management of the Company as of 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. This presentation should not be considered as the giving of investment advice by the Company or any of its directors, officers, agents, employees or advisors. Each person to whom this presentation is made available must make its own independent assessment of the Company after making such investigations and taking such advice as may be deemed necessary. Prospective investors are urged to review the Company's profile on [SedarPlus.ca](https://www.sedarplus.ca) and to carry out independent investigations in order to determine their interest in investing in the Company.*

---

# **Technology Metals Week-in-Review: The British Stake Claim in Quebec and the Uranium Boom in North America**

written by Jack Lifton | March 15, 2024

## **Northvolt's Innovative Financing in Quebec: A Model of International Collaboration**

The [recent news](#) about [Northvolt AB](#)'s venture in Quebec is a testament to the power of international finance collaboration. This project, backed by a mix of private European and American financiers, alongside public funds from Ontario and Quebec, is

remarkable. Notably, the involvement of major players like Volkswagen, BlackRock, Goldman Sachs, and Canadian provincial investment groups highlights a unique synergy. This contrasts sharply with the American approach, which often relies on tax breaks rather than direct investment. The Canadian model, with its subject matter awareness and understanding, is a commendable approach that others, especially in the U.S., should consider emulating.

## Ucore's Dual Government Support: A Sign of Confidence

[Ucore Rare Metals Inc.](#)'s (TSXV: UCU | OTCQX: UURAF) recent acquisition of a \$4.28 million [funding agreement](#) from the Canadian Government, in addition to support from the U.S. Department of Defense, speaks volumes about its credibility. This bi-national backing for a Canadian company with operations in the U.S. showcases the growing government recognition of the importance of rare earth elements and the technologies that Ucore brings to the table.

## First Phosphate's Vision and Recognition

The [acknowledgment](#) of [First Phosphate Corp.](#) (CSE: PHOS | FSE: KD0) by Professor Whittingham, a key figure in lithium-ion battery development, is significant. First Phosphate's strategy to leverage Quebec's phosphate resources for lithium iron phosphate batteries aligns well with current industry trends and Professor Whittingham's endorsement. This positions them as an underrated yet potentially influential player in the battery materials market.

# The Uranium Boom: A New Era for North American Energy

The recent surge in interest and investment in uranium, highlighted by companies like [F3 Uranium Corp.](#) (TSXV: FUU | OTCQB: FUUFF) and [Energy Fuels Inc.](#) (NYSE American: UUUU | TSX: EFR), signals a major shift in North American energy priorities. The rapid market capitalization growth and the reopening of mines underscore a renewed focus on nuclear power as a crucial component of the future energy mix. This shift is a clear response to the growing need for sustainable and reliable energy sources.

## Biden-Harris Administration's Push for Domestic Battery Manufacturing

The announcement of a [\\$3.5 billion investment](#) by the Biden-Harris Administration to bolster domestic battery manufacturing marks a significant step in America's clean energy journey. This investment aims to enhance the U.S.'s position in the global battery market, create jobs, and support the clean energy transition. It's a move that aligns with the growing realization of the importance of battery technology in the modern energy landscape.

## Critical Minerals Institute's Masterclass: A Focus on Future Financing

The upcoming [Critical Minerals Institute](#) masterclass on [charitable flow-through and critical minerals](#) is a crucial event for those in the industry. Understanding the mechanics of flow-

through financing is vital for the development of junior companies. This masterclass represents an invaluable learning opportunity for those looking to deepen their understanding of the financial landscape in the critical minerals sector.

—

Jack Lifton brings his extensive knowledge and insight into the latest developments in the technology metals sector, offering a comprehensive overview of the current trends and future prospects. Jack is the Co-Chairman of the Critical Minerals Institute and is well known for coining the term #technologymetals in 2010.

---

# Unlocking the Potential of Critical Minerals and Flow-Through Shares with Wealth Group's Peter Nicholson

written by InvestorNews | March 15, 2024

In the InvestorNews interview, the Critical Minerals Institute (CMI) President Brandon Colwell spoke with Peter Nicholson, Founder and President of Wealth Group (WCPD Inc.), about flow-through shares and the benefits of being a critical mineral company. Peter explained that flow-through shares have been part of Canada's tax code since 1954 and are encouraged by the government as they support exploration and mining, crucial for transitioning to zero carbon. These shares allow investors

to claim 100% tax deductions on their investments, supporting small exploration companies with high risk.

---

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

written by InvestorNews | March 15, 2024

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

---

## **Imperial Mining's Quebec scandium play is aluminum's**



# best friend

written by InvestorNews | March 15, 2024

To me scandium sounds like it should be a country between Finland and Sweden in the Baltic Sea, but then again a lot of people have considered some of my thoughts pretty strange. However, scandium is becoming a critical metal of growing importance in aluminum alloys for auto, commercial aircraft, military armor and EV development, significantly reducing weight and manufacturing costs. It's used as a hardener and strengthener of common aluminum alloys, which are also heat and corrosion resistant. Its weight reduction applications in the automotive, aerospace, fuel cell and defense sectors in turn help reduce the overall carbon footprint by making aircraft and vehicles lighter and more fuel-efficient with lower emissions. Because of these tremendous applications, demand is expected to grow considerably from the current 35 tonnes per annum of product availability to western markets to as high as 2,000 tonnes by 2040.



Source: Imperial Mining Group [Corporate Presentation](#)

Obviously, I don't need to comment on the importance of supply chains, "on-shoring", etc. in light of what the world has seen over the last year or two. We'll suffice it to say that domestic is better. Which leads us to today's topic of conversation – [Imperial Mining Group Ltd.](#) (TSXV: IPG | OTCQB: IMPNF). Imperial is a Canadian mineral exploration and development company focused on the advancement of its [Crater Lake scandium-Rare Earth property](#) led by an experienced team of mineral exploration and development professionals with a strong track record of mineral deposit discovery in numerous metal commodities. The Company also has a pair of gold prospects, [Opawica](#) and [La](#)

[Ronciere](#) all in Quebec.

However, what makes Crater Lake so special is that it is the only hardrock scandium deposit in the world and happens to be in the mining friendly jurisdiction of Quebec, close to hydroelectric capacity and Quebec's aluminum metal production where 90% of Canada's "Green" aluminum is produced. As well, it is looking like Bécancour in Quebec is becoming Canada's battery cathode manufacturing hub with recent announcements from BASF regarding a [cathode active materials and recycling site](#) to support North American producers in their transition to e-mobility and [General Motors and POSCO Chemical's \\$400 million facility](#) to produce cathode active materials for vehicle batteries. It would appear that Imperial could borrow a line from the real estate business and say their project is all about location, location, location.



Source: Imperial Mining Group [March 15, 2022 Press Release](#)

It also doesn't hurt that Crater Lake already has 43-101 compliant resource estimate. In September Imperial received the inaugural [NI 43-101 Technical Report for the Crater Lake](#) TG Zone Mineral Resource Estimate.



Source: Imperial Mining Group Ltd. [press release Sep 23, 2021](#)

The results of the Resource Estimate for the Northern Lobe of the TG Zone far exceeded the minimum threshold resource Imperial internally set for a 20-25-year notional mining operation, or 10 million tonnes. And the good news is mineralization remains open laterally and at depth, demonstrating the potential to increase the mineral resource with additional drilling.

The Company has plenty of catalysts over the next several months to keep the news flow coming for investors. Work on a 43-101 Preliminary Economic Assessment (PEA) on the TG Zone scandium-rare earth zone resource is progressing and is expected to be completed in the next few weeks. A diamond drill program on the TG Zone (Northern Lobe and Southern Lobe) will commence in late June with up to 22 diamond drill holes for approximately 2,500 m. In addition, there is excellent potential to expand the mineral resources with further drilling on the Southern Lobe. In late Fall 2022, the new drill hole data from the summer program will be forwarded to a consultant to revise and update the previous 43-101 Resource Estimate of the TG Zone. This revised resource will allow Imperial to move forward with a Pre-Feasibility (PFS) or Feasibility (FS) Study.

During Summer 2021, Imperial collected a 50-tonnes bulk sample for use in a pilot plant study. It is expected that the remaining 32-tonnes will be shipped to Sept-Iles, QC by the end of July 2022 to be used in a pilot plant study to further test and optimize Imperial's patent-pending metallurgical process method. Additionally, Imperial has commissioned a hydrometallurgical flowsheet development program based on its patent pending two-stage hydrometallurgical method for the extraction of scandium and rare earth elements with SGS Canada. The program, which started on January 31, 2022, is partially financed from a [\\$245,355 grant](#) from the Quebec Ministry of Energy and Natural Resources with expected completion at the end of Q3 2022. Results from the work will aid in the engineering design of Imperial's pilot program for the Crater Lake project for later in 2022.

As you can see, there is plenty on the go at Imperial Mining Group and the good news is they started May with C\$2.8 M in working capital and virtually no debt. The Company currently has a market cap of C\$14.7 million representing plenty of

opportunities for a potential domestic supplier of an up and coming critical material.

---

# Is Troilus Gold undervalued? Yes.

written by InvestorNews | March 15, 2024

People of my vintage are familiar with comedian/actor Rodney Dangerfield and his catchphrase “I don’t get no respect!” It’s a classic and timeless expression, which is probably why he was so well remembered for it. This expression can also be applied to a lot of stocks out there today, and I’m not talking about Tesla (NASDAQ: TSLA) and its one year return of +79%, despite what I’m sure Elon Musk thinks the performance should have been. I’m also not talking about the now unloved lockdown darlings like Zoom Video Communications (NASDAQ: ZM) and Peloton Interactive (NASDAQ: PTON). You had to know at some point in time those stocks would stop growing at the pace they were on and the market would reassess their respective valuations. What I’m talking about is a stock that has dramatically underperformed its peer group without having any materially negative news.

Today I want to look at a gold stock that has significantly underperformed many of its peers over the last year, including one, Centerra Gold Inc. (TSX: CG | NYSE: CGAU), who last May announced that it had its largest asset, the Kumtor Mine in the Kyrgyz Republic, essentially seized by the government and then two weeks ago announced it had temporarily suspended gold production at another mine due to a mercury leak. That seems like a pretty low bar to try and outperform but it appears that

for the time being, the team at [Troilus Gold Corp.](#) (TSX: TLG | OTCQX: CHXMF) don't get no respect.

Troilus is a Canadian-based junior mining company focused on the advancement and de-risking of the former gold and copper Troilus Mine towards production. From 1996 to 2010, the Troilus Mine produced 2+ million ounces of gold and nearly 70,000 tonnes of copper. Troilus is located in the top-rated mining jurisdiction of Quebec, Canada, where it holds a strategic land position of 1,420 km<sup>2</sup> in the Frôtet-Evans Greenstone Belt. A robust PEA in 2020 demonstrated the potential for the Troilus project to become a top-ranked gold and copper producing asset in Canada with an after tax NPV5% of US\$1,156 million with a 38.3% IRR at a Spot Price of US\$1,950/oz Gold and an NPV5% of US\$576 Million and 22.9% IRR at Base Case US\$1,475/oz Gold. This was based on a total estimated indicated mineral resource of 4.96 million ounces AuEq (177 Mt with an average grade of 0.87 g/t AuEq) and total estimated inferred mineral resource increased to 3.15 million ounces AuEq. Since that time the Company has drilled over 120,000 meters, approximately 46,000 during the six months ended January 31, 2022.

Looking forward, Troilus is planning to update its mineral resource utilizing that additional 120,000 meters of drilling targeting release for mid calendar 2022. Additionally, a Pre-feasibility Study (PFS) is planned to be published mid calendar 2022 along with a continued drilling campaign with the objective of expanding the mineral resource estimate at the Southwest Zone as well as definition drilling in the Z87 and J Zone in support of the PFS. Plans to finalize the Environmental Impact Study targeted for filing in early 2023 show the progress the Company is making in getting this mine into production. The latest news reported [excellent metallurgical recovery results](#) for the J Zone as part of an ongoing pilot plant scale metallurgical testing program on each of the main mineral deposits. Knelson gravity

separation and column flotation tests achieved gold, copper and silver recoveries of 92.9%, 90.4% and 88.8%, respectively, which will also be used to support the upcoming PFS.

Sounds like nothing but good news past, present and future. But that's not what the stock price is saying when you stack Troilus up against other Canadian based junior gold miners. The chart below might be a little hard to read but it shows the one year performance of the commodity – gold (red line) and a hand full of peers. Troilus is the bottom line in this chart.



Source: Stockcharts.com

I guess you could say Centerra and the others I've included aren't quite peers of Troilus given several of them actually have production today. However, one could argue that Troilus is well on its way to becoming a producer in the not too distant future and is in a stable, mining friendly jurisdiction with a large and growing resource. In the meantime, it seems odd, at least to me, that Troilus had a one year return of almost 37% lower than Centerra given their relative risk profiles and associated news. Then again, perhaps my opinion gets no respect either.

---

**Jack Lifton with Belinda Labatte of Lomiko Metals on**

# Canada's growing EV industry and the competitive advantages of the Quebec graphite industry

written by InvestorNews | March 15, 2024

Jack Lifton interviews CEO and Director Belinda Labatte on an update on [Lomiko Metals Inc.](#) (TSXV: LMR | OTCQB: LMRMF). In this compelling conversation with Jack, Belinda participates in a discussion on not only Canada's vision for the competitive development of an EV supply chain, but the competitive advantages of the Quebec graphite industry.

In this InvestorIntel interview, which may also be viewed on YouTube ([click here to subscribe to the InvestorIntel Channel](#)), Belinda Labatte pointed out the fragility of the present graphite supply chain in North America given that "100% of the processing of graphite occurs in China and about 90% of the material comes from China." Highlighting the huge demand for graphite in Quebec and the rest of North America, Belinda went on to also provide [an update](#) on Lomiko's UL ECOLOGO® certification for mineral exploration to validate Lomiko's responsible business practices.

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

## About Lomiko Metals Inc.

Lomiko Metals has a new vision and a new strategy in new energy. Lomiko represents a company with purpose: a people-first company where we can manifest a world of abundant renewable energy with Canadian and Quebec critical minerals for a solution in North

America. Our goal is to create a new energy future in Canada where we will grow the critical minerals workforce, become a valued partner and neighbour with the communities in which we operate, and provide a secure and responsibly sourced supply of critical minerals.

The Company holds a 100% interest in its La Loutre graphite development in southern Quebec. The La Loutre project site is located within the Kitigan Zibi Anishinabeg (KZA) First Nations territory. The KZA First Nations are part of the Algonquin Nation and the KZA territory is situated within the Outaouais and Laurentides regions. Located 180 kilometres northwest of Montreal, the property consists of 1 large, continuous block with 48 minerals claims totaling 2,867 hectares (28.7km<sup>2</sup>). Lomiko Metals published a [Preliminary Economic Assessment \(“PEA”\) on September 10, 2021](#) which indicated the project had a 15-year mine life producing per year 100,000 tonnes of the graphite concentrate at 95%Cg or a total of 1.5Mt of the graphite concentrate. This report was prepared as National Instrument 43-101 Technical Report for Lomiko Metals Inc. by Ausenco Engineering Canada Inc., Hemmera Envirochem Inc., Moose Mountain Technical Services, and Metpro Management Inc., collectively the Report Authors. The Bourier project site is located near Nemaska Lithium and Critical Elements south-east of the Eeyou Istchee James Bay territory in Quebec which consists of 203 claims, for a total ground position of 10,252.20 hectares (102.52 km<sup>2</sup>), in Canada’s lithium triangle near the James Bay region of Quebec that has historically housed lithium deposits and mineralization trends.

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

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



This interview, which was produced by InvestorIntel Corp., (IIC), does not contain, nor does it purport to contain, a summary of all the material information concerning the “Company” being interviewed. IIC offers no representations or warranties that any of the information contained in this interview is accurate or complete.

This presentation may contain “forward-looking statements” within the meaning of applicable Canadian securities legislation. Forward-looking statements are based on the opinions and assumptions of the management of the Company as of 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](https://www.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).

---

# Peter Cashin on Imperial Mining developing the highest-grade scandium deposit in the world in Quebec

written by InvestorNews | March 15, 2024

In a recent InvestorIntel interview, Tracy Weslosky spoke with Peter Cashin, President and CEO of [Imperial Mining Group Ltd.](#) (TSXV: IPG | OTCQB: IMPNF) about the scandium supply chain challenges and about Imperial Mining's [R&D initiatives](#) to work with a top alloy producer to develop new scandium-modified aluminum alloys and applications, as they work towards securing off-take agreements with strategic end-user partners.

In this InvestorIntel interview, which may also be viewed on YouTube ([click here to subscribe to the InvestorIntel Channel](#)), Peter Cashin pointed out the limited scandium production capacity globally and went on to highlight that China and Russia are today the two primary scandium producers in the world. As “a North American source of the highest-grade scandium opportunity,” Peter highlighted the competitive advantages of Imperial Mining's Crater Lake Scandium-Rare Earth property located in Canada's aluminum capital – Québec. He went on to explain how scandium alloys can help reduce carbon footprint and also increase the range of electric vehicles making Imperial Mining attractive to ESG investors.

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

## 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](#)

***Disclaimer:*** *Imperial Mining Group Ltd. is an advertorial member of InvestorIntel Corp.*

This interview, which was produced by InvestorIntel Corp., (IIC), does not contain, nor does it purport to contain, a summary of all the material information concerning the “Company” being interviewed. IIC offers no representations or warranties that any of the information contained in this interview is accurate or complete.

This presentation may contain “forward-looking statements” within the meaning of applicable Canadian securities legislation. Forward-looking statements are based on the opinions and assumptions of the management of the Company as of 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](https://www.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).

---

## Quebec, Canada set to become a critical battery materials' production hub

written by InvestorNews | March 15, 2024

***Imperial Mining's world-class Crater Lake Scandium-Rare Earth Project in Quebec will soon complete a PEA***

There have been some great news releases recently of new lithium ion battery materials projects coming to Quebec, Canada. The first was [BASF's cathode active materials and recycling facility](#) planned to be located in Bécancour, Quebec. The second was [General Motors and POSCO Chemical's \\$400 million facility](#) to produce cathode active materials for vehicle batteries, also in

Bécancour, Quebec. It is looking like Bécancour in Quebec is to become Canada's battery cathode manufacturing hub. This bodes well for the development of an EV manufacturing industry in Quebec at some stage.

Today's company has key EV related metals, scandium and the magnet rare earths, as well as gold exploration; with three projects located in Quebec, Canada.

[Imperial Mining Group Ltd's.](#) (TSXV: IPG | OTCQB: IMPNF) (Imperial) three projects in Quebec are the:

- [Crater Lake Scandium-Rare Earth Project,](#)
- [the Opawica Project](#) (gold exploration), and the
- [La Roncière Project](#) (gold exploration)

Imperial has progressed significantly over the past 6 months, announcing a Maiden Resource, drill results, and commencement of a PEA at their 100% owned Crater Lake Scandium-Rare Earth Project. Today we will look at the Crater Lake project and at what's next for the Company.

## Crater Lake Scandium-Rare Earth Project

### Maiden Resource

As [announced](#) in September 2021, Imperial's NI 43-101 Maiden Resource estimate for the TG Scandium-Rare-Earth Zone at its Crater Lake Scandium-Rare Earth Project is an **Indicated Resources of 7.3 million tons grading 282 g/t Sc<sub>2</sub>O<sub>3</sub>** and **Inferred Resources of 13.2 million tonnes grading 264 g/t Sc<sub>2</sub>O<sub>3</sub>**. This is an excellent result putting the Crater Lake Project [among the top scandium resources in the world.](#) The Resource estimate also highlighted valuable magnet rare earths Nd, Pr, Dy and Tb. The Resource remains open to further expansion.

## Maiden Resource estimate and Resource Model for the TG Zone at the Crater Lake Scandium-Rare Earth Project



Source: [Imperial Mining Group company presentation](#)

### Recent drill results

Since the Maiden Resource, Imperial has had some stellar drill results including:

- [115.8 m \(379.9'\) grading 252 g/t scandium oxide \(Sc<sub>2</sub>O<sub>3</sub>\)](#) at the STG Zone. There are also elevated levels of total rare earth oxides plus yttrium (TREO+Y) of up to 0.475 %. The STG Zone is a new discovery, 2km south of the TG North Lobe Resource.

### PEA

Work on a 43-101 Preliminary Economic Assessment (PEA) on the TG Zone scandium-rare earth zone resource is advancing well, despite some delays. The PEA results were targeted for Q1, 2022, but now look like being in Q2, 2022.

### Imperial's Crater Lake Project location map and highlights



Source: [Imperial Mining Group company presentation](#)

### Next steps and targets

- Q2, 2022 – PEA results for the Crater Lake Scandium-Rare Earth Project to be announced.
- Late June 2022 – [A 2,500m drill program](#) on the TG Zone (Northern Lobe and Southern Lobe) to commence.
- End Q3, 2022 – Hydrometallurgical flowsheet development

program results due.

- H2, 2022 – An update to the previous 43-101 Maiden Resource Estimate of the TG Zone.
- Late 2022 – Engineering design for Imperial's pilot plant program.
- Mid-2023: Definitive Feasibility Study (DFS), IBA, receipt of construction permits.
- Late Q4, 2025/Early Q1 2026: Delivery of first product (subject to permits and funding).

## Closing remarks

Imperial Mining Group is making good progress and has already delivered a solid Maiden Resource at their flagship 100% owned Crater Lake Scandium-Rare Earth Project. The PEA is expected to be out soon in Q2, 2022, with numerous catalysts to follow. Meanwhile, the magnet rare earths prices keep rising. All of this bodes well for the Company, as shown by the successful recent raise of [C\\$3 million](#) and a [C\\$245,355](#) Quebec Government award to optimize their Crater Lake Scandium recovery process.

Scandium is the rarest of the “rare earth” metals. Small additions of scandium to alloys with aluminum give properties of corrosion resistance, tensile strength, ductility, and low weight that make them ideal for weight reduction and safety in large scale battery boxes for EVs and in load bearing aircraft parts.

Imperial Mining Group trades on a market cap of [C\\$26 million](#) and looks to be in the right place at the right time. And let's not forget their gold exploration potential. Stay tuned.

---

# Byron King and Jack Lifton discuss Scandium's bright future with Peter Cashin of Imperial Mining

written by InvestorNews | March 15, 2024

In this episode of **Critical Minerals Corner**, Jack Lifton and Critical Minerals Corner Co-Host & InvestorIntel Columnist Byron King are joined by Peter Cashin, President and CEO of [Imperial Mining Group Ltd.](#) (TSXV: IPG | OTCQB: IMPNF) to discuss “miracle metal” scandium and how Imperial Mining is positioned to become the “largest scandium producer in the world...”

Byron King pointed out that Russia is one of the primary sources of scandium, and he went on to highlight the supply chain concerns for scandium because of the current Ukraine-Russia conflict and sanctions against Russia. Speaking about the lack of sustainable supply of scandium, Peter Cashin went on to provide an update on Imperial Mining's Crater Lake Scandium-REE Project in Québec. Peter also provided an update on Imperial Mining's collaboration with Eck Industries to prototype a scandium-aluminum battery box for a global automotive manufacturer.

To access the complete episode of this Critical Minerals Corner discussion, [click here](#)