

Scandium Canada's Guy Bourassa on One of the Largest Primary Scandium Projects in the World

written by InvestorNews | March 19, 2024

In an insightful interview with InvestorNews host Tracy Weslosky, Guy Bourassa, CEO and Director of [Scandium Canada Ltd.](#) (TSXV: SCD | OTCQB: SCDCF), highlighted their unique position in the global scandium market as the owner of "...one of the largest primary scandium projects in the world". Bourassa emphasized that this distinction is particularly significant given the current scarcity of scandium, which is primarily sourced as a byproduct from regions such as Russia and China. The scarcity of scandium underscores the strategic importance of Scandium Canada's Crater Lake Project, as industries worldwide are increasingly in need of reliable and scalable sources of scandium to meet the growing demand for this high-performance metal.

Bourassa discussed how scandium offers remarkable benefits when added to aluminum alloys, significantly enhancing their properties. These enhanced scandium-aluminum alloys exhibit increased strength, improved thermal resistance, and greater weldability compared to their standard aluminum counterparts. This combination of traits makes scandium-alloyed materials highly sought after, especially in sectors where material performance and weight reduction are critical, such as aerospace, automotive, and defense industries. Bourassa explained that incorporating scandium leads to significant weight reduction, facilitating more efficient aircraft and vehicles which, in turn, contributes to a reduction of greenhouse gas emissions.

Bourassa drew an intriguing parallel to the history of niobium, an element that revolutionized the steel industry by enhancing steel's properties when alloyed. He added, "Scandium Canada is going to do the same thing for the aluminum sector." Furthermore, the strategic initiatives undertaken by Scandium Canada, including leveraging significant grants and government programs available for critical mineral projects in Canada, position the company advantageously for rapid project advancement with minimal shareholder dilution. This financial acumen, coupled with the project's significance in providing a primary source of scandium, places Scandium Canada in a strong competitive position.

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

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About Scandium Canada Ltd.

Scandium Canada is a Canadian technology metals company focused on advancing its flagship Crater Lake scandium and rare earth project in Québec.

To learn more about Scandium Canada Ltd., [click here](#)

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Unlocking Scandium's Potential: Jack Lifton with Imperial Mining Group's Pierre Neatby

written by InvestorNews | March 19, 2024

In a recent interview, host Jack Lifton sat down with Imperial Mining Group Ltd.'s (TSXV: IPG | OTCQB: IMPNF) President and CEO, Pierre Neatby, to discuss the potential and importance of Scandium. Lifton noted that while Scandium is undervalued and underrated by the public, its true significance lies as a soon-to-be invaluable commodity.

Peter Cashin of Imperial Mining Talks about Scandium

and its Crater Lake Project in Quebec

written by InvestorNews | March 19, 2024

In this InvestorIntel interview during PDAC 2023, Byron W King talks to [Imperial Mining Group Ltd.](#)'s (TSXV: IPG | OTCQB: IMPNF) President, CEO, and Director Peter Cashin about an update on Imperial Mining's Crater Lake Project in Quebec, Canada that focusses on scandium and rare earths. Speaking about the NI 43-101 PEA for its Crater Lake Project, Peter provides an update on Imperial Mining's patented technology for the extraction of scandium and rare earths.

With the global scandium supply dominated by Russia, Peter discusses how scandium is a critical mineral with several crucial applications in aerospace, defense, EV battery sector, and hydrogen production. He mentions that scandium is an important alloying agent with aluminum that makes it lighter, stronger, and corrosion and heat-resistant. He goes on to discuss how scandium can help in reducing carbon footprint as it is used in solid oxide fuel cells and will be part of the hydrogen infrastructure. Peter adds, "we're working on some strategic alliances that I think will be very important announcements for our shareholders."

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

written by InvestorNews | March 19, 2024

In this InvestorIntel interview, host Tracy Weslosky talks to [Imperial Mining Group Ltd.](https://www.imperialmining.com)'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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**Imperial Mining Group's
Scandium-REE Preliminary
Economic Assessment by the**

numbers

written by InvestorNews | March 19, 2024

Last week [Imperial Mining Group Ltd.](#) (TSXV: IPG | OTCQB: IMPNF) released the results of a [Preliminary Economic Assessment](#) (PEA). The [results are impressive](#) with a projected 25-year mine life for its Crater Lake TG Zone Scandium-Rare Earth Element (Sc-REE) deposit 200 km NE of Schefferville, Quebec. Of particular note is Imperial Mining's CEO Peter Cashin, who has been in mining for decades and has been involved in rare earths and scandium for over a decade which puts him in a strong position to understand the idiosyncrasies of these critical materials.

Scandium is an element that has huge potential in automotive, aerospace, military, and applications where weight is critical without sacrificing other properties. Scandium has the ability, when added in < 1% levels to aluminum, to produce a metal that is one-third the weight of steel but has the strength of steel. The main scandium production is in China and Russia, and major companies are looking for a reliable, long-term supply from a favorable jurisdiction before committing to a design using scandium-aluminum alloy. Scandium can be welded which is of interest to aircraft companies as it has been said that eliminating the rivets which is the current practice would reduce the weight of a plane by as much as 20%. The challenge is designing a new airframe can take up to a decade. Therefore other applications are needed near term to generate cash flow in the early stages of a project. A new car can take 2-3 years to produce from scratch but with the drive to EV vehicles where weight is a major consideration, this is a key area for product development. Being in Quebec, Imperial is well situated to work with the aluminum smelters in the province.

According to Imperial Mining's PEA, gross revenues projected are

CA\$15.2 billion with gross earnings about 50% at CA\$6.25 billion. The NPV is just under CA\$3 billion at a 10% discount rate and an IRR (after-tax) of 32.8%. The initial CAPEX is projected at CA\$870.9 million with a payback of 2.5 years. Impressive numbers.

Regarding the scandium itself, the drill results have shown grades that rate among the highest globally, if not the highest.

The mine is an open-pit design, which will minimize costs, and the concentration phase would be done on-site with final processing being planned to take place in Sept-Iles. The strategy is to produce a master Sc-Al alloy in Sept-Iles along with a REE concentrate. The other notable calculation is Imperial Mining uses US\$1,500/kg for Sc₂O₃ which is significantly lower than other PEAs for scandium in the marketplace. In addition, the Sc(2%)-Al alloy is discounted by 40% from the US Geological Survey 5-year trailing average, which is another conservative approach and refreshing to see instead of reporting extreme numbers which would be difficult to defend.

As noted earlier, Imperial Mining plans to produce a rare earth concentrate. This is priced at a 70% discount to market prices in March 2022, which is realistic as the main target customer would be China, which is currently buying concentrate from MP Materials out of California. This discount is in keeping with how the Chinese would calculate the value, and even then the lanthanum would not be a significant contributor. The other key point of this revenue calculation was that it is based only on the 4 key magnetic elements plus lanthanum, which is realistic as the magnetic elements are where the main value is in all REE deposits globally. It is nice to see a company not running economics on separated REEs and saying it can sell everything it produces, which is not possible. This concentrate would help defray the scandium OPEX to a certain degree.

Overall, scandium is a situation of build it and they will come. The full report should be available by end of July.

Is Imperial Mining Group the real scandium play?

written by InvestorNews | March 19, 2024

When I first started looking into scandium, I found out that it was used in bicycle frames, aluminum alloy baseball bats and some fishing rods, which was good enough for me to be interested. However, improving the strength, corrosion resistance, and reducing the weight of those items isn't going to raise an eyebrow at COP26 nor is it likely to dramatically improve demand for scandium. That's why it probably makes more sense to talk about how a scandium-aluminum alloy is used in weight reduction applications in the high volume automotive, aerospace, fuel cell, and defense sectors. In fact, scandium can reduce our carbon footprint by making commercial aircraft and vehicles lighter and more fuel efficient thus lowering emissions. In EVs, scandium is used in light weighting vehicle components to extend battery range and improve fuel cell efficiency. Airbus SA has patented scandium-aluminum alloys for welding of aircraft structures in place of rivets for assembly, which reduces weight by 20%. With all the bad press emissions from air travel have gotten the last couple of days out of Glasgow, this could become a very important issue for the future of plane manufacturers.

Now that we've determined scandium is a good thing and could possibly be on the upswing as a commodity in demand, perhaps

we'll discuss a North American source given that there isn't a whole lot to choose from currently. Scandium is a moderately abundant element, although it tends to be spread out throughout the earth rather than concentrated in a few places. Currently, in North America, the only notable possible production comes as a by-product of planned niobium mining at NioCorp Developments Ltd.'s (TSX: NB) Elk Creek project in Nebraska. This makes the [Crater Lake scandium-REE project](#) of [Imperial Mining Group Ltd.](#) (TSXV: IPG | OTCQB: IMPNF) a unique find. It's 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. That's already a lot of boxes ticked and we haven't even gotten into the grades of the Crater Lake project.

But first a little about Imperial Mining Group. Imperial is a Canadian mineral exploration and development company focused on the advancement of its Crater Lake scandium-Rare Earth property. The company is led by an experienced team of mineral exploration and development professionals, who have 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.

As for the Crater Lake project, 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, based

on a 10 million ton lift. And the good news is that mineralization remains open laterally and at depth, demonstrating the potential to increase the mineral resource with additional drilling. Imperial will soon commence work on an NI 43-101 Preliminary Economic Assessment (PEA).

Another strategy that sets Imperial apart is that it is actively collaborating with partners to further the development of strategic scandium marketing activities to projects that require important weight and carbon footprint reductions. A great example is their work with Eck Industries to [begin prototyping components](#) while concurrently looking to maximize weight savings for the transportation sector. They recently showed that the material properties for EV battery box requirements, as specified by a major North American automotive manufacturer, have been met or exceeded. Last month the Company was awarded, along with its partner FusiA Groupe, [C\\$2.6 million for a scandium-aluminum material R&D project](#). The project will focus on the industrialization and the development of a vertically integrated supply chain for a scandium-aluminum alloy for 3D printing. I'm impressed by the fact that Imperial is increasing the awareness and demand for their product before they've put their project into commercial production.

Unless you've been living under a rock for the last few months, we all know the impact that the interruption of supply chains has had on virtually everything. The manufacturing world is learning the hard way that it might be time to "on-shore" critical parts of their supply chain if they want to complete their product manufacturing, let alone compete. So, to be one of the best grade scandium resources in the world and be located on mining friendly, North American, soil means we should all probably pay a little closer attention to Imperial Mining.

Imperial Mining's Peter Cashin update on building a North American supply chain for scandium and niobium

written by InvestorNews | March 19, 2024

In a recent InvestorIntel interview, Chris Thompson speaks with Peter Cashin, President and CEO of [Imperial Mining Group Ltd.](#) (TSXV: IPG | OTCQB: IMPNF) about Imperial's Crater Lake scandium and rare earths project. Touching on why these critical materials are valuable for an ESG investor to consider in their portfolio, Analyst Chris Thompson asks a wide range of compelling questions from extraction technology to where Imperial Mining is in the process towards building a North American supply chain for scandium.

Starting with an overview on the competitive applications for scandium and niobium, which includes the lightweighting of steel and aluminum for use in the automotive and aerospace sectors, Peter explains that Imperial Mining is anticipating a 43-101 resource estimation on the TG Zone expected in the next few weeks. Highlighting Crater Lake's high-grade surface scandium mineralization and 'very high grades of niobium and tantalum', Peter explains that a strategic marketing effort in conjunction with a sustainable supply source of these critical materials will most assuredly affect the demand.

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

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Rare earths and scandium drill results at Imperial's Crater Lake continue to 'exceed all expectations'

written by InvestorNews | March 19, 2024

As electric vehicle (EV) manufacturers focus on achieving great energy efficiency and range lightweighting using a scandium-aluminum alloy continues to gain traction. By lowering a vehicle's weight the range can either be improved or if kept the same the cost can be reduced by using fewer batteries.

Scandium oxide demand has potential to rise from 175 tpa to 5,000-10,000 tpa if lightweighting is adopted widely across the EV sector



Source: [Imperial Mining company presentation](#)

Scandium junior miner [Imperial Mining Group Ltd.](#) (TSXV: IPG | OTCQB: IMPNF) (“Imperial”) 100% owns the Crater Lake Scandium-REE Project in northeastern Quebec, Canada. The Project has a large 6km diameter complex host to high-grade scandium and some rare earths deposits. Drilling has defined a mineralized zone of over 600m in total strike length and from surface to a vertical depth of up to 200m. Scandium oxide drill result grades have ranged from 0.0235% to 0.056% (235-506 g/t) which makes the resource look potentially to be commercially viable, as viable scandium grades are typically >200-300 g/t. There is also a parallel niobium target showing grab assay results of between [0.20% and 1.42% Nb2O5](#) which sits 250m west of the scandium target.

Scandium is best known for increasing the strength and hardness of aluminum and is therefore used commercially for lightweighting in the automotive industry, space industry, for fuel cells and defense applications. Niobium is used mostly in the steel industry to significantly increase steel strength, resulting in less steel required and overall cost savings.

[Announced](#) on April 28, 2021, recent drill results at Crater Lake included results of **92.5 m @ 291g/t scandium oxide (Sc_2O_3)**. Elevated levels of total rare earth oxides plus yttrium of up to 0.42% were also found. Imperial stated in the release that “at a gold price of \$1,750US/oz and a scandium oxide price of \$1,250US/kg, the intersections represent a gold-equivalent value of 6.5 to 8.0 g/t Au”, Imperial’s President and CEO Peter Cashin [stated](#):

“The winter drilling results for the Crater Lake property continue to exceed all expectations.... mineralization has been traced by drilling over 600m in total strike length from surface

to a vertical depth of up to 200m. **Importantly, the zone appears to get wider and higher grade with depth."**

Imperial Mining's Crater Lake Scandium-REE Project in northeastern Quebec, Canada



Source: [Imperial Mining corp. website](#)

Further drill assay results [announced](#) on May 27, 2021, included an intercept of **111.9 m @ 298 g/t Sc_2O_3** . Elevated levels of **total rare earth oxides plus yttrium (TREO+Y) of up to 0.38%** were also found across the scandium-bearing horizon. Given current high prices for the magnet rare earths such as neodymium, praseodymium, dysprosium, the rare earth oxides found should help boost the projects by-products and hence project economics. The current drilling program is now completed with a total of 14 drill holes having tested the TG Zone.

Next steps and business strategy

Imperial will now undertake a 43-101 preliminary Resource Estimate of the TG zone for delivery in June 2021. Imperial's strategy is to become a producer of scandium and valuable rare earths using simple process recovery methods. Imperial would like to be a scandium disruptor and to capture market share. Over time the Company's goal is to move downstream to deliver high-margin scandium-aluminum alloy products for the automotive, aerospace, defense and fuel cell sectors. The Project's location in Canada's aluminum capital of Quebec should also lead to further market opportunities.

One such opportunity has already emerged with Eck Industries ("Eck") with a letter of intent ("LOI") [to develop scandium-modified aluminum alloys](#) for transportation, defense and

aerospace markets. The research work will be directed towards developing a novel scandium-enhanced version of the currently commercially available 535 Aluminum which Eck uses for a wide array of applications. The initial scope of work will include casting and testing of various compositions as well as characterization of the finished alloys.

Closing remarks

Imperial is still in the early stages of proving up a resource. But given scandium at economic grades is rare the Company is doing very well by finding good grade scandium and valuable rare earths. The Resource estimate is a significant near term catalyst, which would typically be followed by a Preliminary Economic Assessment (PEA) or PFS.

All of this is ahead, so given the current market cap of just C\$29 million, investors with a long-term time frame can have a chance at a potentially big reward if all goes well. The usual risks of junior miners also apply.

**Betting on scandium-aluminum
lightweighting to take off,
Imperial Mining Group is set
to benefit from EV market**

demand

written by InvestorNews | March 19, 2024

[Imperial Mining Group Ltd.](#) (TSXV: IPG | OTCQB: IMPNF) is an early stage scandium junior miner (also with two prospective gold properties) in Quebec hoping to cash in on the move towards scandium-aluminum alloys for lightweighting of vehicles such as spacecraft, airplanes, and especially electric vehicles (EVs).

Scandium is still not widely used due to limited supply and scandium being expensive. This means the scandium supply chain is minimal as the industry has not yet grown. The current global scandium supply is only about 35 tonnes pa of scandium oxide. Demand is forecast to boom to as high as [1,800 tonnes pa by 2035](#) (Bloomberg forecast, 2018). If that were to happen, it would mean a 51-fold increase in scandium demand over the next 15 years. Interestingly the 2020 Bloomberg forecast for electric vehicles is for them to rise from [2.2M](#) in 2019 to [~54M](#) by 2040. That would be a ~25-fold increase. So clearly the EV boom has the potential to be a strong driver of scandium demand if scandium-aluminum lightweighting becomes widely adopted.

Another estimate of the impact of surging EV sales on the potential demand for scandium



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

A major issue with EVs is getting their purchase price down which should lead to mass adoption this decade. If an EV weighs less then it can use a smaller battery to get the same range, thereby lowering the EVs cost. Looking ahead this decade if scandium-aluminum alloys become much more widely used, this should lead to a virtuous cycle of cheaper scandium as supply

expands and far greater scandium use.

The airline industry and the space industry are other examples where lightweighting becomes vitally important to reduce fuel costs.

This brings us back to Imperial Mining Group, which has one of the lowest market caps (currently C\$25M) of all the junior scandium miners as shown below.

Scandium junior miners market cap comparison as of early March 2021



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

The Crater Lake Scandium-REE Property/Project

Imperial Mining's focus is on the development of its high-quality scandium-REE Crater Lake Property in northeastern Quebec, Canada. The 100% owned property consists of 57 contiguous claims covering 27.8km². It has a large 6km diameter complex host to high-grade scandium and niobium deposits. Imperial Mining is currently working to expand the resource.

Previous drilling has defined a mineralised zone of over 250m in strike and 170m in depth. Scandium oxide grades ranged from [0.0235% to 0.0319%](#) (235-319 g/t), which is good. Commercially viable grades (>200-300 g/t) of scandium are very rare. Early drill results included [528 g/t](#) scandium oxide over 8.8m.

2020 TG Zone drilling intersected intervals grading up to [253 g/t Scandium Oxide \(Sc₂O₃\) over 29.14 m](#). These are again very good drill results. Imperial Mining [stated](#) in Nov. 2020:

- "The scandium rich zone also contains elevated levels of

total rare earth oxides plus yttrium (TREO+Y) grading up to 0.419%.

- The scandium mineralized zone is estimated to be up to 110 m in true thickness and continues to be open at depth below 200 m down-dip and along strike.
- The evident increase in scandium grades with depth is also very encouraging, however more work needs to be done to fully quantify the scandium and REE resource potential on the property.”

Imperial Mining’s goal is to define a scandium-REE mineral resource of [a minimum of 10 Mt](#). Recoveries to date have been strong at [97-98% for scandium and 79% for rare earths](#).

Well funded after recent [oversubscribed capital raises](#), Imperial Mining plans to spend [C\\$2M](#) to achieve their 2021 plans. These include further drilling, [metallurgical recovery additional method testing](#) (April), a 43-101 Resource report (May), and a PEA (July-August). Beyond that next will be permitting and a completed Feasibility Study by end 2023, subject to financing.

The Company plans the Crater Lake Project to be a small open-pit operation with on-site magnetic concentrator and/or sensor-based sorting resulting in high scandium recoveries. It is expected that the Project will be a low CapEx, OpEx due to the high grades and using simple process recovery methods.

Closing remarks

Imperial Mining Group has recently started trading on the [OTCQB Venture Market](#) in the U.S., which provides US investors with a pathway to invest and participate in the Imperial Mining Group story.

Given the potential exponential growth ahead if scandium lightweighting takes off in a big way, first mover scandium

junior miners such as Imperial Mining Group can be big winners.

Risk is high and patience is needed. One plus for investors is Imperial Mining also has some gold prospective properties in Quebec ([La Roncière](#) and [Opawica](#)), with a [recent increased](#) interest in La Roncière. Always good to have some gold as insurance.

We will continue to follow the Imperial Mining Group story as it unfolds. Stay tuned.

The White House Executive Order on critical materials heightens scandium interest

written by InvestorNews | March 19, 2024

The September 30, 2020 White House [Executive Order](#) ('E0') on critical minerals is just what was needed to give a huge boost to the mining sector. Not sure why 'scandium' and the 'rare earth group' was listed separately in the E0, since scandium is considered a rare earth, but the end result is that this has escalated market interest in this critical material.

One of the 35 critical minerals is 'scandium', used mostly for the purpose of lightweighting, scandium-modified aluminum alloys have equivalent yield and tensile strength to steel and titanium alloy but are **1/3 the weight of steel and 40% lighter than titanium.**

Declaring this "[a national emergency](#)", the E0 states that the US

intends to support companies that have “projects that support domestic supply chains” and “the establishment of secure critical minerals supply chains”, which could reasonably be expected to include Canadian projects such as [Imperial Mining Group Ltd.](#) (TSXV: IPG).

Peter Cashin, President, CEO and Director of Imperial Mining Group, which own their flagship **scandium-rare earth** Crater Lake Property in northeastern Quebec, commented to InvestorIntel when asked on their thoughts on the EO with the following:

“President Trump’s Executive Order should force an orderly build-up of the necessary steps required to secure a domestic supply chain for rare earth materials. In addition to the European Unions expressed push to lessen Chinese import dependence, our hope is that the order will apply to development of the significant critical mineral resources that exist in Canada.”

What is driving this market demand? Available scandium oxide supply today is estimated at just 25 to 35 metric tonnes per year, insufficient for widespread adoption of scandium-aluminum (“Sc-Al”) alloys for automotive, aerospace and defense sectors where they can be used for high-strength applications and in sectors in which lightweighting is essential. In addition to Sc-Al alloys, scandium is used in the Solid Oxide Fuel Cell (“SOFC”) industry because of its heat stabilization and electrical conductivity characteristics. In essence, the competitive advantage of scandium is as a hardener in aluminum alloys, which is what renders them **corrosion-and thermal-resistant**.

If your not familiar with the Imperial Mining Group Ltd. (TSXV: IPG), Imperial’s Crater Lake Property has a large diameter complex which is host to high-grade scandium and niobium

deposits. Scandium oxide grades to date have been very good ranging from [0.0235% to 0.0319%](#) (235-319g/t). Other drill results have included [528g/t](#) scandium oxide over 8.8 meters, showing the high grade potential of the Crater Lake Project.

The company expects the Crater Lake Project to be a small open-pit operation with an on-site magnetic concentrator and/or sensor-based sorting. It is anticipated that the project will be low CapEx, OpEx due to the higher grades and expected simple process recovery methods.

Imperial Mining is currently working to expand the resource and have [recently discovered](#) several new areas of scandium mineralization. These new showings lie within the same 14-km arcuate magnetic trend hosting the three previously defined mineralized zones (Boulder, TGZ and STG) on the property. Assay results are expected very soon.

Crater Lake's 14-km arcuate magnetic trend hosting the three previously defined mineralized zones (Boulder, TGZ and STG)



[Source](#)

Peter Cashin [states](#): “The new discoveries are extremely positive news for Imperial in view of the rapidly growing demand and limited supply for this important new technology metal.....Currently, scandium is only produced as a minor by-product in China and Russia and, with supplies limited, it is our belief that Crater Lake represents an important alternative, primary scandium supply source to serve western consuming markets.”

A new US Executive Order to boost critical mineral mining, strong management, a high grade growing scandium-rare earths

asset in a good mining jurisdiction, and a growing need for scandium and rare earths elements all combine to support Imperial Mining Group. Due to the early stage the current market cap is only C\$9m.