

# Vital Metals' Geoff Atkins on how Australia has a big part to play in the global rare earths supply chain challenge

In a recent InvestorIntel interview, Tracy Weslosky speaks with Geoff Atkins, Managing Director of Vital Metals Limited (ASX: VML), about how Joe Biden's victory will affect the critical materials market and how Australia has a big part to play in the global rare earths supply chain.

In this InvestorIntel interview, which may also be viewed on YouTube (click here to subscribe to the InvestorIntel Channel), Geoff went on to say that Biden's victory, combined with the rising demand for electric vehicles and is going to be a positive for the critical minerals industry overall – “We are in a bit of a perfect storm with regards to critical materials.”

Geoff then goes on to say, “We have a large consumer driven demand for energy efficiency, electrification, and miniaturization which all require critical minerals. At the same time, you have statutory and regulatory pushes for reduced emissions. Lastly you have a geopolitical situation which is also driving the need for diversified supply chain in these minerals.” Adding, “You add all of those three things together and you are left with a significant increase in demand and interest in the critical minerals space.”

To watch the full interview, click here

## **About Vital Metals Limited:**

Vital Metals is an explorer and developer with highly prospective mineral projects, focusing on the world-class rare

earth Nechalacho project in Canada. They plan to commence production at Nechalacho in 2021, and aims to produce a minimum 5,000 tonnes of contained REO by 2025. Vital Metals aims to become the lowest cost producer of mixed rare earth oxide outside of China by developing one of the highest grade rare earth deposits in the world and the only rare earth project capable of beneficiation solely by ore sorting. Vital's other projects include the high-grade Wigu Hill rare earth resource in Tanzania.

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

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## **Vital Metals' Geoff Atkins on the race to produce rare earths in 2021**

In a recent InvestorIntel interview, Tracy Weslosky speaks with Geoff Atkins, Managing Director of Vital Metals Limited (ASX: VML), about the market interest in Vital Metals and signing a binding term sheet with the Saskatchewan Research Council (SRC) to negotiate a definitive agreements for the construction and operation of a rare earth extraction plant.

In this InvestorIntel interview, which may also be viewed on YouTube ([click here](#) to subscribe to the InvestorIntel Channel), Geoff started, "We are moving full steam ahead towards getting into production at Nechalacho Project in 2021." He continued by saying that Vital Metals is closest to production in the rare earths space which draws a lot of

interest, he mentioned, only one rare earths project went into production in the last decade.

Geoff also commented on the Vital Metals' binding term sheet with the Saskatchewan Research Council (SRC). He said, "The Saskatchewan Research Council has a lot experience with rare earths and we have agreed with them that they will build and operate a rare earths extraction plant for us."

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

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# **Appia well-positioned with**

# recent Critical Materials Executive Order, the 'planned nearby' SRC Rare Earths Processing Facility, and a recent round of drilling completed at Alces Lake

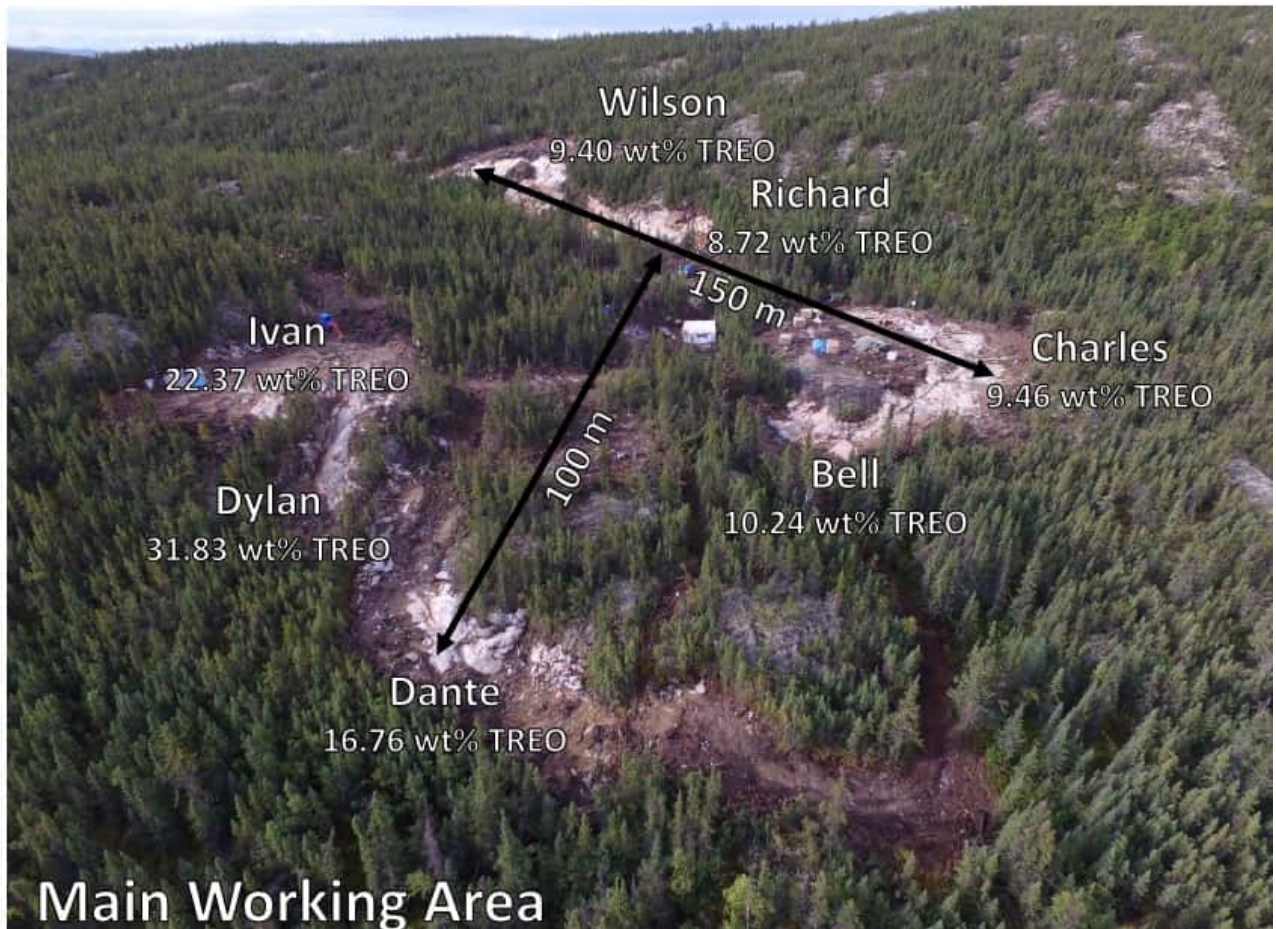
Appia Energy Corp. (CSE: API | OTCQB: APAAF) ('Appia') has just completed a round of drilling at their 100% owned Alces Lake Property, in the Athabasca Basin area of northern Saskatchewan, Canada. The project has monazite ore containing valuable rare earths Neodymium (Nd), Praseodymium (Pr), Dysprosium (Dy), and Terbium (Tb). Alces Lake hosts the 2nd highest average rare earth element (REE) grade in the world at 16.65 wt% TREO.

The key result of the drilling campaign was that Appia was able to confirm the REE minerals system over a **875m strike length, as deep as 340m from surface, still open in all directions and in two sub-parallel trends.**

The original trend includes the high grade REE zones of Wilson, Richard, Charles and Bell which now look to be all joined at depth over a strike length of 145m. As a result the 4 zones have now been combined into one larger zone and named the WRCB zone.

Another positive was that 15 out of the 18 drill holes intersected the REE mineralized system. Assay results from the drill campaign are expected to be released soon.

# Alces Lake – High-Grade REE Zones

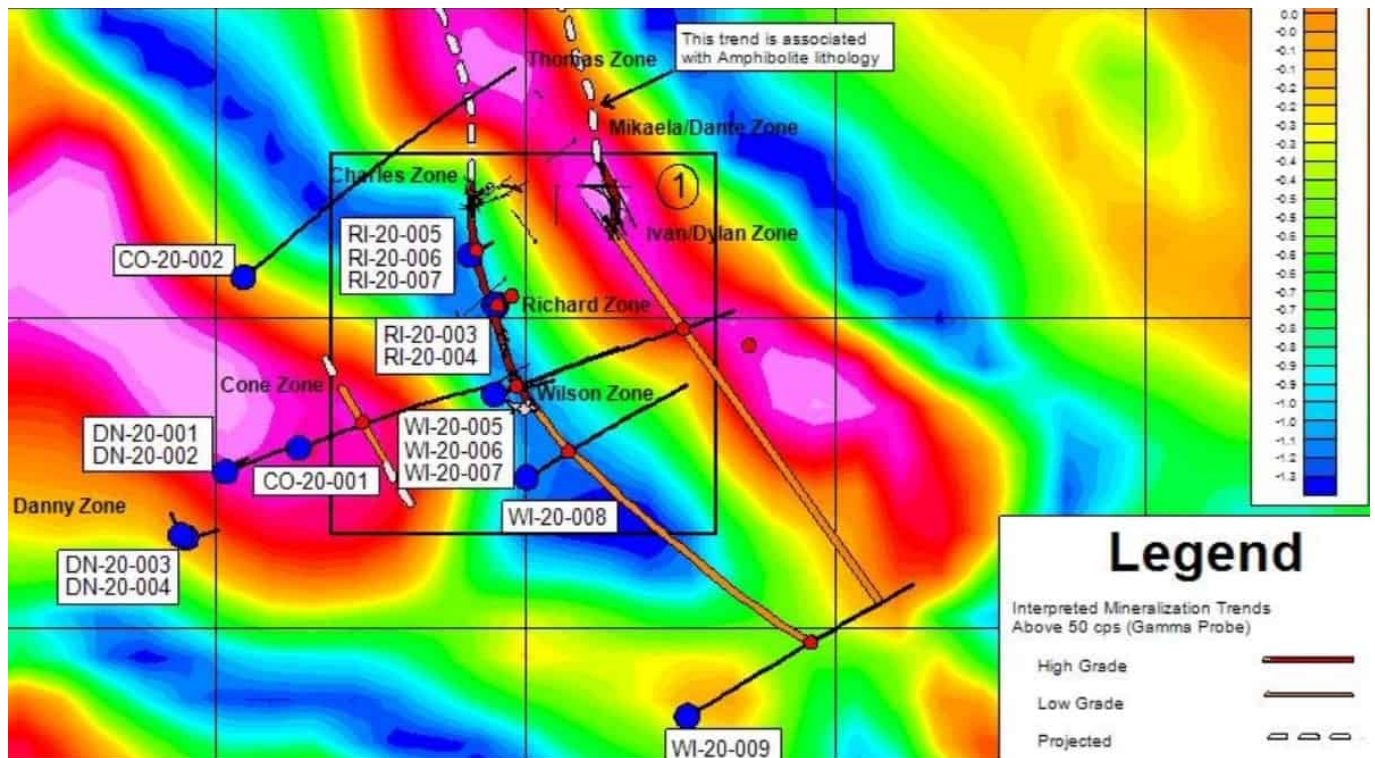


Source

Shown below from a different rotation is one of the newer trends which includes the Ivan/Dylan and the Mikaela/Dante zones. The other has the Cone Zone.

**Alces Lake REE mineralization is running in two sub-parallel trends to the original trend**





Source

Appia Vice-President, Exploration and Development, James Sykes, commented:

**“This suggests that the System (total REE mineralized zones at Alces Lake), and both first-order lithological emplacement controls, could be present across the entire 45 km geological strike length of the Property at/near surface and continuing at depth.”**

The Alces Lake Project’s rare earths start from or near surface and hence are suitable for an open pit mine. Permitting should be smooth being in northern Saskatchewan Canada and the CapEx and OpEx should be reasonably low given the good grades and near surface resource. The fairly recent development by the Government of Saskatchewan to develop a “first-of-its-kind” Rare Earth Processing Facility in Saskatchewan is also very promising for Appia.

### **Other properties owned by Appia (rare earths and uranium)**

In total at Appia’s Athabasca Basin properties Appia has

57,048 hectares which includes Alces Lake, Loranger, North Wollaston, and Eastside properties. They all have uranium.

At Elliot Lake Camp, Ontario, Canada, Appia has 12,545 hectares with both rare earth element and uranium deposits over five mineralized zones.

Appia Energy Corp. is currently trading on a market cap of just C\$27m. Given the high rare earths grades at Alces Lake, the planned nearby Saskatchewan Government Rare Earth Processing Facility, renewed interest by governments (the recent US Executive Order on critical materials), and Appia's potential also with uranium; things are looking very promising for Appia Energy.