

# Rare Earth Metals Sector Alert for Defense Metals (TSXV: \$DEFN.V) (OTCQB: \$DFMTF) @DefenseMetals

*Sector alert for Rare Earth Metals From Investorideas.com Newswire Featuring Defense Metals Corp. (TSX-V: DEFN / OTCQB: DFMTF / FSE: 35D)*

VANCOUVER, BRITISH COLUMBIA, CANADA, February 19, 2021

/EINPresswire.com/ -- Sector alert for Rare Earth Metals From Investorideas.com Newswire - Recent headlines: Biden to order review of U.S. reliance on overseas supply chains

for semiconductors, rare earths , Defense Metals Corp. (TSX-V: DEFN / OTCQB: DFMTF / FSE: 35D). Pre-Pilot Hydrometallurgy Testing Yields 97.3% Rare Earth Element Extraction

Biden to order review of U.S. reliance on overseas supply chains for semiconductors, rare earths

## KEY POINTS:

President Joe Biden will direct his administration to conduct a review of key U.S. supply chains, including those for semiconductors, high-capacity batteries and rare earth metals. The White House plans to review gaps in domestic manufacturing and supply chains that are dominated by or run through “nations that are or are likely to become unfriendly or unstable.” Though the order does not mention China, the directive is likely in large part an effort by the administration to determine how reliant the U.S. economy and military are on Chinese exports

Full article on CNBC

<https://www.cnbc.com/2021/02/18/biden-to-order-supply-chain-review-to-assess-us-reliance-on-overseas-semiconductors.html>

Recent Defense Metals Corp. (TSX-V: DEFN / OTCQB: DFMTF / FSE: 35D). News

Defense Metals (TSX-V: \$DEFN.V) ( OTCQB: \$DFMTF) Pre-Pilot Hydrometallurgy Testing Yields



## 97.3% Rare Earth Element Extraction From Wicheeda Flotation Concentrate

Highlights of the additional infill hydrometallurgical test results conducted at SGS Canada Inc. ("SGS") Lakefield Site are as follows:

- Increased REE extraction from 91.5% to 97.3% from flotation concentrate (~75% from bulk sample feed) into a chloride-based leach solution compared to initial testing<sup>3</sup> (CC-21, Table 1)
- Decreased REE losses via milder gangue leach compared to the base-case flowsheet
- Simplification of flowsheet by removing re-grind step and reducing caustic dosage on re-crack (CC-20) yielded comparable REE extraction of 95.8% from flotation concentrate (~74% from bulk sample feed)

Craig Taylor, CEO of Defense Metals, stated: "Our decision to conduct additional infill hydrometallurgical test-work has yielded significant REE recovery gains approaching 100% REE extraction from the flotation concentrate. Perhaps more importantly, this additional testing has advanced the Wicheeda REE separation flowsheet such that we are able to "tune" process variables (chiefly: grind size, acid, and caustic concentrations) to achieve a balance of minimizing REE leach losses and maximizing impurity removal. This level of process control will de-risk our planned hydrometallurgical pilot plant and contribute to greater flexibility in design of a future commercial-scale hydrometallurgical plant."

Full news on Investorideas.com

<https://www.investorideas.com/news/2021/mining/02161DEFN-Pre-Pilot-Hydrometallurgy.asp>

About Defense Metals Corp. <https://defensemetals.com/>

Defense Metals Corp. is a mineral exploration company focused on the acquisition of mineral deposits containing metals and elements commonly used in the electric power market, military, national security and the production of "GREEN" energy technologies, such as, high strength alloys and rare earth magnets. Defense Metals has an option to acquire 100% of the 1,708 hectare Wicheeda Rare Earth Element Property located near Prince George, British Columbia, Canada. Defense Metals Corp. trades in Canada under the symbol "DEFN" on the TSX Venture Exchange, in the United States, under "DFMTF" on the OTCQB and in Germany on the Frankfurt Exchange under "35D".

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