

## In Case You Missed It: **BUSINESS NEWS FROM THE FIELD**



**Stockholm, Sweden:** The HYBRIT pilot facility is a first-of-its-kind rock cavern storage facility in Luleå, Sweden. Vattenfall, SSAB, and LKAB launched the facility's test period that will run until 2024. The hydrogen storage facility will play an important role in the overall value chain for fossil-free iron and steel production. Producing fossil-free hydrogen gas when there is a lot of electricity and using stored hydrogen gas when the electricity system is under strain will ensure a steady production of sponge iron. (Photo Credit: SSAB)

### **New Standard Published for 3D Printing**

**New York City, New York, USA:** The American Society of Mechanical Engineers (ASME) published an updated standard, based on research by the National Institute of Standards and Technology (NIST), that includes language specifically for 3D printing. The standard, titled Y14.46 Product Definition for Additive Manufacturing, identifies important features unique to 3D printing and outlines how they should be documented. The guidance could help engineers from a broad array of industries communicate to manufacturers, product inspectors, and others more effectively. Its widespread adoption could clear a persistent roadblock to the application of 3D printing at a larger scale, unlocking the environmental and economic benefits associated with the technology.

### **ArcPacific Resources Locates Lost Mine**

**Vancouver, Canada:** ArcPacific Resources Corp. identified the location of an early 1900s era gold-copper mine, previously incorrectly plotted in the government database, during ongoing work at its 100% owned LMSL Project located in the Quesnel Trough, British Columbia's primary copper and gold producing belt. The company's extensive compilation identified three samples from the vicinity of the newly located mine workings, two of which assayed as follows: 50.83 g/t gold, 125.4 g/t silver; 0.92g/t gold, 130 g/t silver (BC ARIS Report 26468).

Do you have business or industry news of interest to the minerals, metals, and materials community?

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**Pittsburgh, Pennsylvania, USA:** Nexttracker LLC, the global market leader in utility-scale solar trackers, and BCI Steel, a Pittsburgh-based steel fabricator, reopened the Bethlehem Steel manufacturing factory in Leetsdale, Pennsylvania, to produce solar tracker equipment for large-scale solar power plants. The steel processing plant will incorporate both BCI's new and reshored equipment shipped to the U.S. from factories in Malaysia and Brazil. (Photo Credit: Nexttracker)

### **Shape, Hydro Partner on Automotive Parts**

**Grand Rapids, Michigan, USA:** Shape Corporation, a global tier-one automotive supplier of multi-material impact energy management and lightweight body structures, has entered into an agreement with Norsk Hydro ASA, a leading producer of aluminum and renewable energy. The partners plan to explore and bring to the U.S. market automotive components utilizing Hydro CIRCAL, the company's brand of recycled aluminum made with a minimum of 75% recycled, post-consumer aluminum scrap, certified by third-party auditors DNV GL, and has a market-leading CO<sub>2</sub> footprint of 2.3 kg CO<sub>2</sub>e/kg aluminum, or less. CIRCAL® is expected to deliver an estimated 70% CO<sub>2</sub> reduction versus the North American average for aluminum when including Scope 1, 2, and 3 emissions.

### **Steel Facility Expands**

**Delta, Ohio, USA:** North Star BlueScope Steel completed an expansion to its facility in Fulton County in the northwestern region of Ohio. The \$700 million addition aims to increase annual hot-rolled coil production by 850,000 tons. New elements include a third electric arc furnace, a second slab caster, and a new shuttle facility. The site has maintained 397 full-time employees with \$30 million in annual payroll and now has room for more than 90 new full-time positions with \$5.9 million.