

# Hudson Initiates Metallurgical Testwork Program on the Nukittoq Niobium – Tantalum Project in Greenland

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VANCOUVER, March 15, 2021 - [Hudson Resources Inc.](#) ("Hudson" or the "Company") (TSX Venture Exchange "HUD"; OTC "HUDRF") is pleased to announce that metallurgical testwork has commenced on samples from the Nukittoq niobium - tantalum project ("Nukittoq project") in Greenland. The testwork is being undertaken at SGS Lakefield, Canada, on high-grade niobium tantalum grab samples collected in 2020, under the supervision of Hudson's consulting Metallurgist, John Goode.

The Nukittoq project occurs within the 100% owned exploration license that covers the Sarfartoq Carbonatite Complex in southeast Greenland. This exploration license also hosts the Company's ST1 rare earth element (REE) project where Hudson has completed a NI 43-101 Technical Report which outlined a resource of 24 million kg of neodymium oxide and 8 million kg of praseodymium oxide, the two key components in permanent magnets which are driving the green economy. Neodymium oxide is currently trading at over US\$100/kg. The carbonatite complex remains largely unexplored.

Hudson assayed 35 grab samples from the Nukittoq project (announced December 14, 2020) with an average grade of 19.35% Nb<sub>2</sub>O<sub>5</sub>, 0.27% Ta<sub>2</sub>O<sub>5</sub>, 0.38% U<sub>3</sub>O<sub>8</sub> over 112 meters, including 12 grab samples over a 30-meter section with an average grade of 32.35% Nb<sub>2</sub>O<sub>5</sub>. Hudson has to date identified several high-grade niobium occurrences within a one-kilometer square zone. This zone will be further evaluated during the Company's 2021 field program with the objective of outlining drilling targets.

Mineralogical work, which included ore microscopy and QEMSCAN, was recently completed by SGS on grab samples from the Nukittoq project. This work provided very encouraging results with respect to liberation characteristics of the niobium - tantalum minerals and the potential for coarser grinding versus fine grinding for optimum mineral separation which may benefit project economics.

Metallurgical testwork currently underway at SGS includes:

- Stage-grinding and de-sliming
- Low-intensity magnetic separation (to reject iron minerals)
- Gravity separation
- Magnetic separation
- Batch flotation testing

Previous license holders of the Nukittoq project completed a significant amount of metallurgical testwork which resulted in a feasibility study completed at Curtin University, Australia. Hudson will be building on this extensive work utilizing the most recent technologies with the objective of producing a high-grade niobium - tantalum concentrate in Greenland for export.

Jim Cambon, President commented: "I am pleased to have commenced the metallurgical program on this high-grade niobium - tantalum target at our 100% owned Nukittoq project. The results of this work will allow us to start to define how we can make a cost-effective niobium - tantalum concentrate in Greenland. The mineralogical work and further geological work will help us understand the origins of the high-grade niobium - tantalum mineralization which will be important in targeting a significant resource at Nukittoq."

Niobium and tantalum are vital to a wide range of products in the energy, infrastructure, transportation, medical and defense sectors. The United States and European Union have designated niobium and tantalum as critical to their security and wellbeing. The niobium price has averaged US\$42/kg over the past five years with expected demand growth of 8%/annum. Tantalum currently trades at US\$150/kg.

The Company is also advancing its 100% owned Sarfartoq REE project and is currently selecting a laboratory to undertake additional metallurgical flow sheet testwork. The testwork objectives are to further improve rare earth concentrate grades and recoveries and will take advantage of recent advances in metallurgy and hydrometallurgy as well as new developments in reagents and technology. Previous metallurgical testwork utilizing acid baking and leach tests confirmed 94% recovery of rare earths and the ability to make a 45% REO carbonate product.

Hudson also holds a 31.1% interest in Hudson Greenland A/S which owns the White Mountain Anorthosite mine in Greenland, where the Company provides operational, marketing and sales support.

The White Mountain mine has recommenced operations with the commissioning of the rotary drum dryer completed. This allows for year-round operations and is expected to improve production parameters. The mine is currently operating on a 12-hour shift with a crew of 15 people. Covid-19 restrictions are still in place with only minor impacts on the operations to date.

J.R. Goode, P. Eng., is a Qualified Person, as defined by National Instrument 43-101, and reviewed the preparation of the metallurgical and technical information in this press release.

#### ON BEHALF OF THE BOARD OF DIRECTORS

"Jim Cambon"

President and Director

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