Hudson Resources Inc. Reports Production of a 55.3% Niobium Concentrate From the Nukittooq Project in Greenland

22.09.2021 | GlobeNewswire

VANCOUVER, Sept. 22, 2021 - Hudson Resources Inc. ("Hudson" or the "Company") (TSX Venture Exchange "HUD"; OTC "HUDRF") is pleased to announce results of independent metallurgical testwork conducted on the high-grade Nukittooq niobium-tantalum project in Greenland which is owned 100% by Hudson Resources Inc. The testwork, conducted by SGS Canada Inc. in its Lakefield, Ontario facility, under the supervision of Hudson's senior consulting metallurgist, John Goode, achieved a niobium (Nb) concentrate assaying 55.3% Nb_2O_5 at a 66.6% global recovery along with 65% of the tantalum (Ta).

A Composite sample used in the metallurgical test program assayed 22.3% Nb_2O_5 and 0.3% Ta_2O_5. The Composite sample was comprised of thirty-five samples collected from the Nukittooq project in September 2020 which averaged 19.35% Nb_2O_5 over 112 meters (see NR2020-15). The Nukittooq deposit has some of the highest reported niobium assays in the industry.

QEMSCAN analysis indicated that the Composite sample consisted of pyrochlore (37.3%) (including traces of tentatively identified columbite), aegirine (33.3%), K-feldspars (21.9%), biotite (5.4%), and trace amounts of other minerals (ca. 2%). The major gangue elements in the Composite sample were 36.7% SiO_2, 11.5% Fe_2O_3, and 4.27% K_2O. Rare earth minerals (REM) including synchysite/parisite and bastnaesite were also present in trace amounts.

Jim Cambon, President commented: "We are very encouraged by the success of the metallurgical program and the ability to produce a very high-value niobium-tantalum concentrate with recoveries in line with or above current producers. Our goal is to define significant tonnage and rapidly advance the project where we can ship a concentrate out of Greenland for toll processing. We will continue to advance the metallurgical program and plan to commence a drill program in 2022 to outline economic tonnages along the 500m strike length of this exciting target."

The metallurgical testwork methods conducted by SGS demonstrated the following:

- Wet high-intensity magnetic separation (WHIMS)
  - Conducted at 5,000 Gauss on the Composite sample ground to 80% passing 144 ?m removed 48% of the aegirine with 8.5% niobium loss. K-feldspar generally followed pyrochlore to the non-magnetic products.
- Gravity concentration
  - This showed limited effectiveness. However, the use of WHIMS together with a Mozley shaking table on the non-magnetic fraction showed some promise. A combined niobium concentrate assaying 55.6% Nb_2O_5 at 47.6% global recovery was produced.
- Flotation
  - Seven open-circuit flotation tests were performed on stage-ground and deslimed feed material. These tests examined a number of procedures, depressants and collectors. SGS's extensive experience with pyrochlore flotation allowed rapid development of a circuit comprising WHIMS for early rejection of aegirine followed by rougher flotation using a blend of Aero6494+F3900+Pb^{2+} which selectively floated pyrochlore from K-feldspar.
  - The rougher concentrate was divided into coarse and fine fractions and separate roughing and cleaning systems, using an amine collector, applied to each stream. The combined niobium concentrate contained 55.3% Nb_2O_5 at 66.6% global recovery.

Hudson owns 100% of the high-grade Nukittooq niobium-tantalum project and the Sarfartoq rare earth element ("REE") project which are both located on the Sarfartoq exploration license in southwestern

Greenland. The Sarfartoq REE project has a 43-101 indicated and inferred resource outlining 35,000 tonnes of neodymium oxide plus praseodymium oxide, the two key components in permanent magnets driving the green revolution. The Nukittooq niobium-tantalum project has some of the highest reported niobium assays in the industry with potential to extend the strike length of this largely unexplored target. Hudson also has a 31.1% equity interest in the White Mountain anorthosite mine and rights to acquire 100%.

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

For further information:
Ph: 604-628-5002

Forward-Looking Statements
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