

Vortex Energy Provides Update on Technical Research and Exploration Activities to Advance the Robinsons River Salt Project

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VANCOUVER, July 17, 2025 - [Vortex Energy Corp.](#) (CSE: VRTX) (OTC: VTECF) (FSE: AA3) ("Vortex" or the "Company") is pleased to provide an update on its ongoing research initiatives at the Robinsons River Salt Project in partnership with the University of Alberta. These studies are aimed at evaluating the suitability of the salt complex for potential underground hydrogen storage applications.

The results from core hole VTX-23-W-1 were presented by researchers at the University of Alberta (U of A) at GeoConvention in Calgary, which detailed the mineralogical and petrological characteristics of the Robinsons River Salt Complex. Key findings included the identification of distinct lithological units and assessment of halite purity, impurity fractions, and sealing properties, all factors critical to evaluating underground hydrogen storage potential.

Further laboratory investigations by U of A researchers are ongoing on core samples from VTX-23-W-2. X-ray Diffraction (XRD) analysis has been completed on selected intervals to determine mineralogical variability with depth. Porosity and permeability testing has begun, with data from the first test sample currently under review. Geomechanical studies are also underway using a tri-axial core holder and CT-scanned samples to evaluate wellbore stability under simulated stress conditions. One of the prepared samples is shown in Figures 1.

Paul Sparkes, CEO of Vortex, commented, "We're excited by the progress at the Robinsons River Salt Project and the valuable insights from our partnership with the University of Alberta. These studies are key to evaluating the potential for underground hydrogen storage at our Project."

Figure 1. *Prepared core sample for geomechanical testing using a tri-axial core holder.*

Further to its news release dated July 7, 2025, Vortex has also revised its proposed survey station map for the planned Ambient Noise Tomography (ANT) survey and submitted the updated version to the Newfoundland and Labrador Mineral Lands Division for approval. The Company would also like to clarify that approval for this survey has not yet been received, and is currently pending. Vortex remains committed to advancing the Robinsons River Salt Project through responsible exploration and data-driven evaluation of its potential for large-scale energy storage.

Figure 2. *Revised proposed station map for the ANT survey.*

Qualified Person

The scientific and technical content of this news release has been reviewed, verified, and approved by Jared Suchan, Ph.D., P.Geo., VP of Exploration at the Company, and a "Qualified Person" as defined by National Instrument 43-101.

For a discussion of the Company's QA/QC and data verification processes and procedures, please see the

Company's technical report entitled, INDEPENDENT TECHNICAL REPORT ON THE ROBINSONS RIVER SALT PROPERTY, a copy of which may be obtained under the Company's profile at www.sedarplus.ca.

About Vortex Energy Corp.

Vortex Energy Corp. is an exploration stage company engaged principally in the acquisition, exploration, and development of mineral properties in North America. The Company is currently advancing its Robinson River Salt Project comprised of a total of 942 claims covering 23,500 hectares located approximately 35 linear kms south of the town of Stephenville in the Province of Newfoundland & Labrador. The Robinson River Salt Project is prospective for both salt and hydrogen salt cavern storage. The Company is also currently advancing its Fire Eye Uranium Property in the Athabasca Basin, a region renowned for its uranium deposits.

On Behalf of the Board of Directors

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Cautionary Note Regarding Forward-Looking Statements

Certain statements contained in this press release constitute forward-looking information. These statements relate to future events or future performance. The use of any of the words "could", "intend", "expect", "believe", "will", "projected", "estimated" and similar expressions and statements relating to matters that are not historical facts are intended to identify forward-looking information and are based on the Company's current beliefs or assumptions as to the outcome and timing of such future events. In particular, this press release contains forward-looking information relating to, among other things, the Company's exploration plans at the Project.

Various assumptions or factors are typically applied in drawing conclusions or making the forecasts or projections set out in forward-looking information, including, in respect of the forward-looking information included in this press release, assumptions regarding the Company's ability to execute on its exploration plans, including that it will be successful in carrying out the planned drilling and that such drilling will yield the expected information and the desired outcomes.

Although forward-looking information is based on the reasonable assumptions of the Company's management, there can be no assurance that any forward-looking information will prove to be accurate. Forward-looking information involves known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking information. Such factors include, among other things, the risk that exploration at the Project does not proceed in the manner and on the timeline currently contemplated, or at all; risks inherent in the exploration and development of mineral deposits, including risks relating to receiving requisite permits and approvals, changes in project parameters or delays as plans continue to be redefined, that mineral exploration is inherently uncertain and that the results of mineral exploration may not be indicative of the actual geology or mineralization of a project; and that mineral exploration may be unsuccessful or fail to achieve the results anticipated by the Company, including as a result of factors beyond the Company's control, such as geological conditions. The forward-looking information contained in this release is made as of the date hereof, and the Company not obligated to update or revise any forward-looking information, whether as a result of new information, future events or otherwise, except as required by applicable securities laws. Because of the risks, uncertainties and assumptions contained herein, investors should not place undue reliance on forward-looking information. The foregoing statements expressly qualify any forward-looking information contained herein.

The Canadian Securities Exchange has not reviewed, approved, or disapproved the contents of this press release.

Photos accompanying this announcement are available at:
<https://www.globenewswire.com/NewsRoom/AttachmentNg/53a03cd2-f062-4183-b79a-060dd1388747>

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