Vinland Completes Summer Fieldwork and Appoints Barry Sparkes as VP Exploration

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Thunder Bay, July 24, 2025 - Vinland Lithium Inc. (TSXV: VLD) ("Vinland" or the "Company") is pleased to announce that it has completed its summer exploration program on its Killick Lithium Project (the "Project") in Newfoundland. Vinland's exploration program was designed to follow up on last year's identification of several new areas of mineralized pegmatite rock units across the Project. The program was also conducted in conjunction with its partnership with the Critical Minerals Research Initiative between St. Francis Xavier University, Memorial University, and the Newfoundland Geological Survey. The program is focussed on researching lithium pegmatites in southwestern Newfoundland where a total of \$1.3 million over 4 years is being directed towards detailed research on the Project.

In addition, the Company is pleased to announce the appointment of Barry Sparkes, P.Geo as the Company's VP Exploration effective July 1st, 2025. He holds a B.Sc. (Hons.) in Geology from Memorial University of Newfoundland and a diploma in Mineral Technology from the College of the North Atlantic, earned in 1996. He is registered with the Professional Engineers and Geoscientists of Newfoundland and Labrador (PEGNL). He has over 25 years experience in exploration and development for gold, base metals, uranium, PGEs, and industrial minerals such as dimension stone, antimony, fluorite, and LCT pegmatites.

Summer 2025 Exploration Program

The Company has completed a comprehensive field exploration program at its Killick Lithium Project. The program included prospecting, till sampling, geological mapping and ground geophysical surveys.

Prospecting, geological mapping and till sampling was completed in various locations throughout the Project with focus on the Kraken-Killick area, Kraken South, Grandy's West and the Top Pond Ridge area (Figure 1). A total of 115 rock samples were submitted to SGS Laboratories for assay and 45 till samples were submitted to Overburden Drilling Management (ODM) in Napean, Ontario for Li-indicator analysis. In addition, a 60 line-kilometre ground magnetics geophysical survey was conducted at the Kraken-Killick area. Approximately 30 line-kilometres of this grid were also surveyed with VLF-EM (Very Low Frequency Electromagnetics). Analytical results are expected to be finalized in the coming weeks, and geophysical data is in final processing with the geophysical consultant, Goowiddy Geoscience Ltd.

About Killick Lithium Project:

The Killick Lithium Project was first discovered in late-summer 2021 by Benton Resources Inc. ("Benton") and Sokoman Minerals Corp. ("Sokoman") personnel (Figure 1). The maiden drill program in 2022 resulted in the discovery of the Kraken Dyke which returned 8.4 meters of 0.95% Li₂0 in hole GH-22-01. Further work in 2022-2023 resulted in the discovery of several additional spodumene-bearing dykes including the Killick Dyke/East Dyke system where drilling has returned 1.04% Li₂0 over 15.23 meters in hole GH-22-27 and 1.06% Li₂0 over 16.7 meters, including 1.22% Li₂0 over 13.37 meters in hole GH-23-46. Several spodumene-bearing dykes remain untested by diamond drilling. Large-scale regional geochemical surveys have outlined multiple lithium and tantalum in soil anomalies, some of which are several kilometers in length. During the 2024 summer field season, the joint venture between Benton, Sokoman and Piedmont completed an airborne geophysical magnetics and electromagnetics survey as well as field geochemical surveys on the Project. Field geochemical and geological surveys consisted of prospecting, geological mapping, soil sampling and basal till sampling were also completed. Highlights of the exploration program are presented below:

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- A 4,854.3-kilometre airborne Magnetics and VLF-EM (very low frequency electro magnetics) was flown in April and May of 2024. The survey area covered parts of the property not flown in the 2021 program. The two data sets are now merged and provide complete coverage of the entire Project. Interpretation of the data has identified several anomalous areas for future exploration follow-up.
- Prospecting has resulted in the identification of multiple spodumene-bearing pegmatite float samples in the Kraken South area of the Project. Float samples range from angular to sub-rounded and have returned assays to 1.97% Li₂0, with 11 samples assaying greater than 1.0% Li₂0. Initial basal till sampling in the area has confirmed spodumene grains in several samples. The Kraken South area is deemed high priority for follow-up evaluation.
- Prospecting and soil sampling continue to expand anomalous areas of LCT pegmatite dyke occurrences. Areas such as Grandy's West and Top Pond Ridge are multi-kilometer anomalies containing elevated lithium and tantalum in soils and rock samples. All areas that have anomalous Li and Ta in soil contain pegmatite dykes in bedrock that further indicate high potential for the discovery of LCT pegmatite dykes in the area. Anomalous Tantalum is believed to indicate local highly fractionated geochemical sources adding to the high-prospectivity of these areas.
- Vinland is also advancing its Hydra Cesium discovery where initial channel sample results returned 8.75% Cs₂O, 0.41% Li₂O, 0.025% Ta₂O₅ and 0.33% Rb₂O over 1.2 meters including 13.57% Cs₂O and 0.32% Li₂O over 0.4m. Six short diamond drill holes tested the discovery area with results including 13.55m of 0.146% Cs₂O and 0.158% Li₂O including 0.50 m of 0.80% Cs₂O and 0.152% Li₂O in hole HY-23-01. Prospecing and limited trenching has indicated that the Hydra Dyke has a strike length of over 200 meters to the north of the original discovery site, and the dyke is open under till cover to the south.

Some of the key points for Vinland are as follows:

- The Killick Lithium Project holds excellent potential for additional discoveries in a newly identified lithium belt located in the friendly mining district of Newfoundland, Canada
- High grade Lithium and Cesium pegmatites have been discovered since 2021
- Vinland is well structured with approximately 10 million issued and outstanding shares with more than 6 million held by insiders that are under an escrow provision for 36-months
- In 2023 <u>Piedmont Lithium Inc.</u> ("Piedmont"), a leading North American lithium company (NASDAQ: PLL) completed a financing in Vinland of \$2.0 million at a price of \$1 per share to secure a 19.9% interest in Vinland
- Piedmont has vast technical and geological knowledge, and their Carolina Lithium property has similar geology to that of Killick/Kraken pegmatites
- Vinland holds indirectly, through its subsidiary Killick Lithium Inc., a 100% interest in the Killick Lithium Project
- Piedmont has the option to earn up to a 62.5% direct interest in Killick Lithium Inc. (a wholly-owned subsidiary of Vinland) by spending \$12 million in exploration and development over 54 months along with certain other commitments to Benton and Sokoman

Figure 1: Killick Lithium Project - General Location Map

To view an enhanced version of this graphic, please visit: https://images.newsfilecorp.com/files/11666/259968_541e30b5d4c1e952_001full.jpg

QA/QC Protocols

Rock and core samples are submitted to SGS Canada Inc. in Grand Falls-Windsor, Newfoundland for preparation and then sent to the SGS Canada Inc. analytical laboratory in Burnaby, British Colombia for analysis. All samples were acquired by hand (rocks) or saw-cut (channels/drill core) and delivered, by Vinland personnel, in sealed bags, to the Grand Falls-Windsor prep lab of SGS, which is an accredited assay lab that conforms to the requirements of ISO/IEC 17025. Samples are analyzed using SGS's GS_IMS91A50 method that delivers a 56-element package utilizing sodium peroxide fusion, ICP-AES, and ICP-MS analytical techniques. All reported assays are uncut. Soil samples were collected by Vinland personnel utilizing a standard Dutch-auger, collecting B Horizon soil, where possible. Where B was not present, the soil horizon or type was noted. Soil samples were sent to Eastern Analytical Ltd., in Springdale, NL, for Li, Ta, Sn, and Nb analyses by four-acid digestion, analyzed by ICP-OES. Eastern Analytical Ltd. achieved ISO

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17025 accreditation in February 2014 (for more details on the scope of accreditation visit the CALA website). Till samples were collected by Vinland personnel utilizing conventional shovel dug holes and screened to -10mm in the field. Samples were shipped to Overburden Drilling Management (ODM) in Nepean, Ontario for analysis using their standard lithium indicator mineral package.

QP

Barry Sparkes, P.Geo., Vice President of Exploration for Vinland Lithium Inc., the 'Qualified Person' under National Instrument 43-101, has approved the scientific and technical disclosure in this news release and prepared or supervised its preparation.

About Vinland Lithium Inc.

Vinland Lithium Inc. is a well-financed mineral exploration company listed on the TSX Venture Exchange under the symbol VLD. Vinalnd holds 100% interest in the Killick Lithium Project in Southwestern Newfoundland and is seeking additional opportunities in the lithium-cesium-tantalum space.

Vinland is focused on advancing the recently-discovered Killick Lithium Project which covers 60 kilometers of highly-prospective geological terrane in proximity to the Baie d'Est Fault. The project boasts multiple spodumene-pegmatites within the Kraken Pegmatite Field and high-grade cesium-tantalum-lithium hosted in the Hydra Pegmatite. Further potential for discovery is excellent given the extensive number of untested geochemical and geophysical targets present.

All initial drilling phases at the Killick Lithium Project to date have returned impressive results from multiple pegmatites including: 8.4m of 0.95% Li₂O in GH-22-01 at the Kraken Dyke, 16.2m of 0.43% Li₂O in GH-22-05 at the Kraken North Dyke, 20.82m of 0.60% Li₂O incl. 5.5m of 1.16% Li₂O in GH-22-15, and 8.37m of 0.91% Li₂O in GH-22-08 at the East Dyke and 15.23m of 1.04% Li₂O in GH-22-27 and 13.37m of 1.22% Li₂O in GH-22-45 at the Killick Dyke. At the Hydra Cesium Dyke, initial channel sample results to 8.75% Cs₂O, 0.41% Li₂O, 0.025% Ta₂O₅ and 0.33% Rb₂O over 1.2 meters including 13.57% Cs₂O and 0.32% Li₂O over 0.4m.

On behalf of the Board of Directors of Vinland Lithium Inc.,

"Stephen Stares"

Stephen Stares, President

Parties interested in seeking more information can contact Mr. Stares at the number below.

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