

Primary Unveils 2025 Exploration Plan To Advance Natural Hydrogen Discovery

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VANCOUVER, February 18, 2025 - [Primary Hydrogen Corp.](#) (TSXV:HDRO)(FRA:83W0)(OTCQB:HNATF) (the "Company" or "Primary"), a leading exploration company focused on identifying and developing natural hydrogen resources, is set to embark on an ambitious 2025 exploration program, leveraging cutting-edge technologies to unlock Canada's vast natural hydrogen potential.

Primary's 2025 exploration program follows a strategic, phased approach, utilizing advanced remote sensing, field sampling, and geophysical techniques to refine and prioritize high-potential targets. The ultimate goal is to delineate viable drill targets for testing. Key phases include:

Phase 1: Remote Sensing Studies - Q1-2/2025

Using satellite imagery and airborne hyperspectral analysis, Primary will identify hydrogen anomalies which will help refine target selection and optimize field investigations.

Phase 2: Field Sampling & Mapping - Q2-3/2025

Building on remote sensing insights and geological modeling, Primary will launch a preliminary on-the-ground field program, conducting surface sampling and geological mapping. This phase aims to validate remote sensing data, analyze geochemical indicators, and improve geological models for future exploration.

Phase 3: Geophysical Surveys - Q3/2025

This phase will focus on geophysical surveying to assess subsurface structures and pinpoint potential structures for natural hydrogen accumulations. These studies will enhance drill target prioritization.

Phase 4: Expanded Site Sampling - Q3/2025

Alongside geophysical surveys, Primary will conduct an expanded site sampling program to refine geochemical models and validate early findings. This work will involve soil gas sampling, focusing on understanding hydrogen generation rates and improving resource characterization.

"This exploration program is a crucial step toward mapping Canada's natural hydrogen potential," said Peter Lauder, VP of Exploration at Primary. "By integrating state-of-the-art technologies, we are positioning Primary Hydrogen Corp at the forefront of the global hydrogen transition."

The Company remains committed to responsible exploration practices and will continue to actively engage with stakeholders, local communities, and industry partners as the program progresses.

About Primary Hydrogen Corp.

Primary Hydrogen is committed to pioneering the natural hydrogen sector, leveraging cutting-edge exploration techniques to identify and develop sustainable energy solutions. The Company has an extensive portfolio of properties covering over 210 square kilometres across Canada including the Blakelock and

Hopkins projects in Ontario, the Mary's Harbour project in Labrador, the Point Rosie project in Newfoundland, and the Crooked Amphibolite, Coquihalla, and Cogburn projects in British Columbia. The Company also holds the Arthur Lake copper project in British Columbia.

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FOR FURTHER INFORMATION PLEASE CONTACT:

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This news release contains "forward-looking information" and "forward-looking statements" within the meaning of applicable securities legislation. The forward-looking statements herein are made as of the date of this news release only. Often, but not always, forward-looking statements can be identified by the use of words such as "plans", "expects", "is expected", "budgets", "scheduled", "estimates", "forecasts", "predicts", "projects", "intends", "targets", "aims", "anticipates" or "believes" or variations (including negative variations) of such words and phrases or may be identified by statements to the effect that certain actions "may", "could", "should", "would", "might" or "will" be taken, occur or be achieved.

Although the Company believes, in light of the experience of their officers and directors, current conditions and expected future developments and other factors that have been considered appropriate, that the expectations reflected in the forward-looking statements and information in this news release are reasonable, undue reliance should not be placed on them because the parties can give no assurance that such statements will prove to be correct. Such statements and information reflect the current view of the Company. There are risks and uncertainties that may cause actual results to differ materially from those contemplated in those forward-looking statements and information.

Forward-looking statements are based on certain material assumptions and analysis made by the Company and the opinions and estimates of management as of the date of this news release. These forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking statements or forward-looking information, including, but not limited to, inherent risks associated with the mining industry and the results of exploration activities and development of mineral properties, stock market volatility and capital market fluctuations, general market and industry conditions, as well as those risk factors discussed in the Company's most recently filed management's discussion and analysis filed under the Company's SEDAR+ profile at www.sedarplus.ca. Although management of the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements or forward-looking information, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements and forward-looking information. Readers are cautioned that reliance on such information may not be appropriate for other purposes. The Company does not undertake to update any forward-looking statement, forward-looking information or financial outlook that are incorporated by reference herein, except in accordance with applicable securities laws.

SOURCE: Primary Hydrogen Corp.

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