

Primary Hydrogen Commences Exploration at Dove Creek

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CALGARY, May 13, 2025 - [Primary Hydrogen Corp.](#) (TSXV:HDRO)(FRA:83W0)(OTCQB:HNATF) ("Primary" or the "Company") is pleased to announce the initiation of its Phase 1 exploration program at the Dove Creek project in Colorado, USA. This program marks a significant step in evaluating the potential for natural hydrogen resources in the region, utilizing advanced hyperspectral imaging and AI-driven data analysis to help identify high-priority targets for subsequent field exploration.

"We are excited to launch this exploration program at Dove Creek, a project with significant potential for natural hydrogen discovery," said Benjamin Asuncion, CEO of Primary Hydrogen. "The use of hyperspectral imaging will provide critical insights into the area, allowing us to efficiently target our future exploration efforts. This program underscores our commitment to leveraging cutting-edge technology to position Primary Hydrogen as a leader in the emerging natural hydrogen sector."

Dove Creek Project, Colorado

Located in southwestern Colorado near the Colorado-Utah border, the Dove Creek project lies within the Paradox Basin, proximal to the San Juan Basin to the south and the Uinta-Piceance Basin to the north. The project's prospectivity is driven by the potential for natural hydrogen generation through radiolysis of uranium-rich basement rocks. Deep-seated fault systems in the region serve as migration pathways for hydrogen, which may accumulate in structural or stratigraphic traps. Geophysical data highlight strong gravity anomalies aligned with fault structures and magnetic anomalies tied to deep crustal features. The presence of helium wells in the area further supports active subsurface gas migration, enhancing the project's hydrogen potential.

About Primary Hydrogen Corp.

Primary Hydrogen is dedicated to the exploration and development of natural hydrogen resources. With over 740 acres in the U.S. and 210 square kilometers across Canada, the Company's portfolio includes the Blakelock, Hopkins, Mary's Harbour, Point Rosie, Crooked Amphibolite, Coquihalla, and Cogburn projects. Primary also holds the Arthur Lake copper project in British Columbia.

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FOR FURTHER INFORMATION PLEASE CONTACT:

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CAUTIONARY NOTE REGARDING FORWARD-LOOKING INFORMATION

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. Forward-looking information in this news release includes, but is not limited to, statements regarding the potential for natural hydrogen discovery at the Dove Creek project, the effectiveness of hyperspectral imaging and AI-driven data analysis in identifying high-priority exploration targets, the anticipated outcomes of the Phase 1 exploration program, and the Company's ability to position itself as a leader in the natural hydrogen sector.

Although the Company believes, in light of the experience of its officers and directors, current conditions, and expected future developments, 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 Company 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, including assumptions regarding the geological prospectivity of the Dove Creek project, the reliability and accuracy of hyperspectral imaging and AI-driven data analysis, and the Company's ability to successfully execute its exploration program. 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, risks associated with the accuracy of geological and geophysical data, the effectiveness of exploration technologies, inherent risks associated with the mining and hydrogen exploration industry, stock market volatility, 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 is incorporated by reference herein, except in accordance with applicable securities laws.

SOURCE: Primary Hydrogen Corp.

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