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15th September 2025

ASX RELEASE

2025 Seismic Program Completed

- **The processed seismic is providing significant insights into understanding the extent of the hydrogen and helium system within the Nemaha Project.**

- **Seismic is required to define material prospects that become drilling targets in HyTerra held leases over the Mid-Continent Rift.**

- **In parallel, an in-depth rock physics analysis was completed to assist in identifying hydrogen, porosity, and different rock types in seismic data.**

- **A very powerful in-house subsurface knowledge and competitive edge is being built based on integrated airborne surveys, seismic, rock data, fluid data, well logs, and an extensive regional geological database for safe exploration and appraisal of geologic hydrogen in the Mid-West USA.**

HyTerra Limited (ASX: HYT) (**HyTerra** or the **Company**) is pleased to announce that it has completed the acquisition and processing of its proprietary seismic program in HyTerra held leases above the Mid-Continent Rift in Kansas. This exploration program funding is sourced from an investment in the Company by Fortescue Future Industries Technologies Pty Ltd.

Seismic Update

As previously announced, a seismic acquisition program was completed earlier in the year based on results of a high-resolution airborne gravity-magnetic data acquired in March.

Since acquiring the survey, processing has been completed using external and internal resources. In conjunction with seismic processing, a rock physics study was completed by external experts to integrate newly acquired well logs from wells drilled by HyTerra, with legacy wells to quantify lithology, porosity, and fluid discrimination in the seismic domain.

Currently, HyTerra is interpreting the seismic data in conjunction with the recent airborne survey acquired over a larger area. The integration of the two different data sets has enabled a detailed understanding of the area and is enabling HyTerra to identify significant structures and trapping styles. Seismic interpretation continues to be a critical requirement for HyTerra to select any drilling locations and drill them safely.

The integration of airborne surveys, seismic data, rock data, fluid data, well logs, and regional geological understanding provides considerable in-house subsurface knowledge and a competitive edge to identify and safely drill geologic hydrogen targets.

Figure 1: *Seismic acquisition in April 2025. Alder Grey Videography*

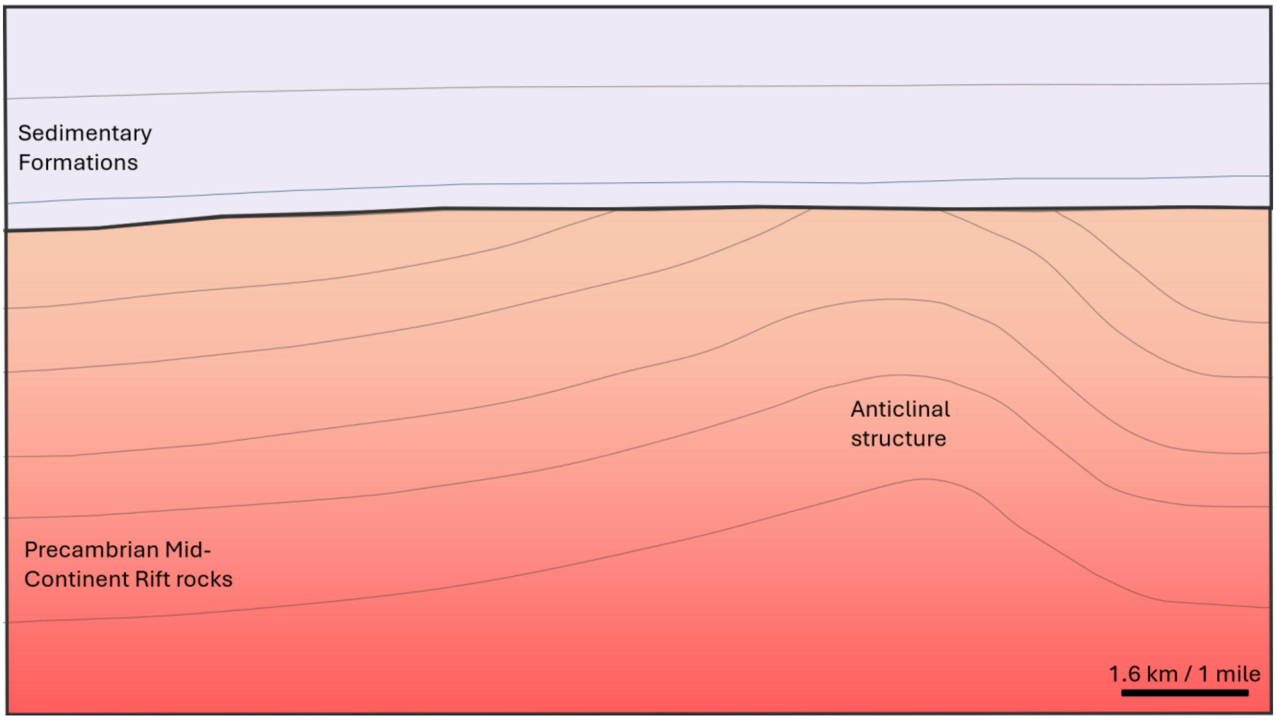

Figure 2: *Geological cross-section based on preliminary interpretation of new seismic data showing a major structural feature and potential drilling targets within HyTerra leases. Cross-section is approximately 10 miles (16 km) wide and 2.5 seconds two-way-time (TWT) in depth. Vertical exaggeration, geometry, and structure simplified for clarity.*

Avon McIntyre, Executive Director *commented "It's great to see the results of the hard work from the team and our supporting experts. Integration of the three critical datasets being multiple airborne surveys data, high quality seismic, and recent well data has been rewarding. When combined with rock physics and geochemistry, this becomes a very powerful dataset for HyTerra to utilise. We are making tremendous progress on derisking geologic hydrogen in the Mid-West USA based on geoscience foundations."*

This announcement has been authorised for release by the Board of Directors.

For more information:

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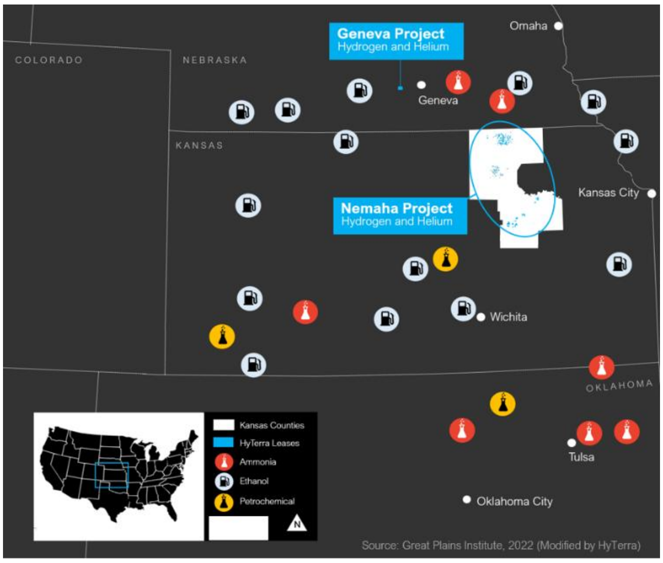
HyTerra. A World of Opportunity.



Exploring for geologic hydrogen and helium resources near major industrial hubs. HyTerra was the first company to list on the ASX with a focus on geologic hydrogen, which is generated naturally by the Earth. Geologic hydrogen potentially has much lower production costs and carbon emissions than man-made hydrogen.

Our Nemaha Project in Kansas, USA, holds 100% owned and operated leases across the emerging Nemaha Ridge geologic hydrogen and helium play fairway. Our Geneva Project in Nebraska, USA, is a 16% earn-in interest in a Joint Development with Natural Hydrogen Energy LLC targeting geologic hydrogen and helium. Both projects could be connected via existing transport infrastructure to multiple nearby off-takers, including ammonia manufacturers, and petrochemical plants.
For more information please see the latest corporate presentation: www.hyterra.com

Important Risk Commentary:

It is important to note that there remains both geological and potential development risks with these projects and the Company's commercial and business objectives. This is an emerging frontier with the potential to unlock significant low-carbon hydrogen gas supplies but with equally significant risk and uncertainty. Key risks include the presence, concentrations, recovery, and commercial potential of both hydrogen and helium gases. *For more information on risks please refer to the ASX release 'Entitlement Issue Prospectus' on April 8th, 2024: https://wcsecure.weblink.com.au/pdf/HYT/02793318.pdf.*

Forward Looking Statements:

This release may contain forward-looking statements. These statements relate to the Company's expectations, beliefs, intentions or strategies regarding the future. These statements can be identified by the use of words like "anticipate", "believe", "intend", "estimate", "expect", "may", "plan", "project", "will", "should", "seek" and similar words or expressions containing same. These forward-looking statements reflect the Company's views and assumptions with respect to future events as of the date of this release and are subject to a variety of unpredictable risks, uncertainties, and other unknowns. Actual and future results and trends could differ materially from those set forth in such statements due to various factors, many of which are beyond our ability to control or predict. These include, but are not limited to, risks or uncertainties associated with the discovery and development subsurface gas reserves, cash flows and liquidity, business and financial strategy, budget, projections and operating results, gas prices, amount, nature and timing of capital expenditures, including future development costs, availability and terms of capital and general economic and business conditions. Given these uncertainties, no one should place undue reliance on any forward-looking statements attributable to HyTerra, or any of its affiliates or persons acting on its behalf. Although every effort has been made to ensure this release sets forth a fair and accurate view, we do not undertake any obligation to update or revise any forward-looking statements, whether as a result of new information, future events or otherwise. Nothing contained in this announcement, nor any information made available to you is, or and shall be relied upon as, a promise, representation, warranty or guarantee as to the past, present or the future performance of HyTerra.