

Independent Satellite Study Strengthens Exploration Potential Across Eyre Helium and Hydrogen Project

Highlights

Independent satellite spectral analysis has identified numerous helium, natural hydrogen and methane anomalies across the Eyre Project.

Analysis validates existing exploration targets and identifies additional prospective areas for follow-up exploration.

Anomalies occur across both granted and pending licence areas, suggesting a potentially regionally extensive natural gas system.

Prominence Energy Limited (**ASX: PRM**) ("**Prominence**" or "**the Company**") is pleased to announce that an independent satellite-based remote sensing study has identified widespread helium, hydrogen and methane anomalies across the Eyre Project, providing further evidence supporting the Company's exploration model and helping advance high-priority targets toward drilling.

Several of the strongest anomalies occur near locations where elevated gas concentrations were independently detected during PRM's recent soil gas survey, increasing confidence in the presence of an active subsurface gas system.

Prominence Energy Chief Operating Officer, Dr Krista Davies said:

"These results further strengthen confidence in the prospectivity of the Eyre Project and our understanding of the geological processes operating across the project area.

The alignment between independently derived satellite results and in-house soil gas datasets is particularly encouraging. Several spectral anomalies support existing targets and occur adjacent to locations where elevated hydrogen, helium and methane concentrations were measured during our recent soil gas survey.

As we integrate these results with geological mapping and soil gas data, we continue to refine and de-risk our exploration portfolio.

The widespread distribution of anomalies supports our view that the Eyre Project may host a large-scale natural hydrogen and helium system and reinforces its position as a highly prospective early-stage exploration opportunity."

Multiple Independent Datasets Converging on Priority Targets

The low-cost satellite study provides an additional independent dataset supporting PRM's exploration efforts at the Eyre Project. Several of the identified anomalies occur adjacent to locations where elevated hydrogen, helium and methane concentrations were recorded during the Company's recent soil gas survey (refer ASX announcement on 7 May 2026), providing multiple lines of evidence for active gas migration.

The widespread distribution of anomalies across both granted and pending licence areas suggests the geological processes responsible for gas generation and migration may operate at a regional scale. The results have also identified additional prospective areas that were not previously prioritised, expanding the Company's exploration inventory.

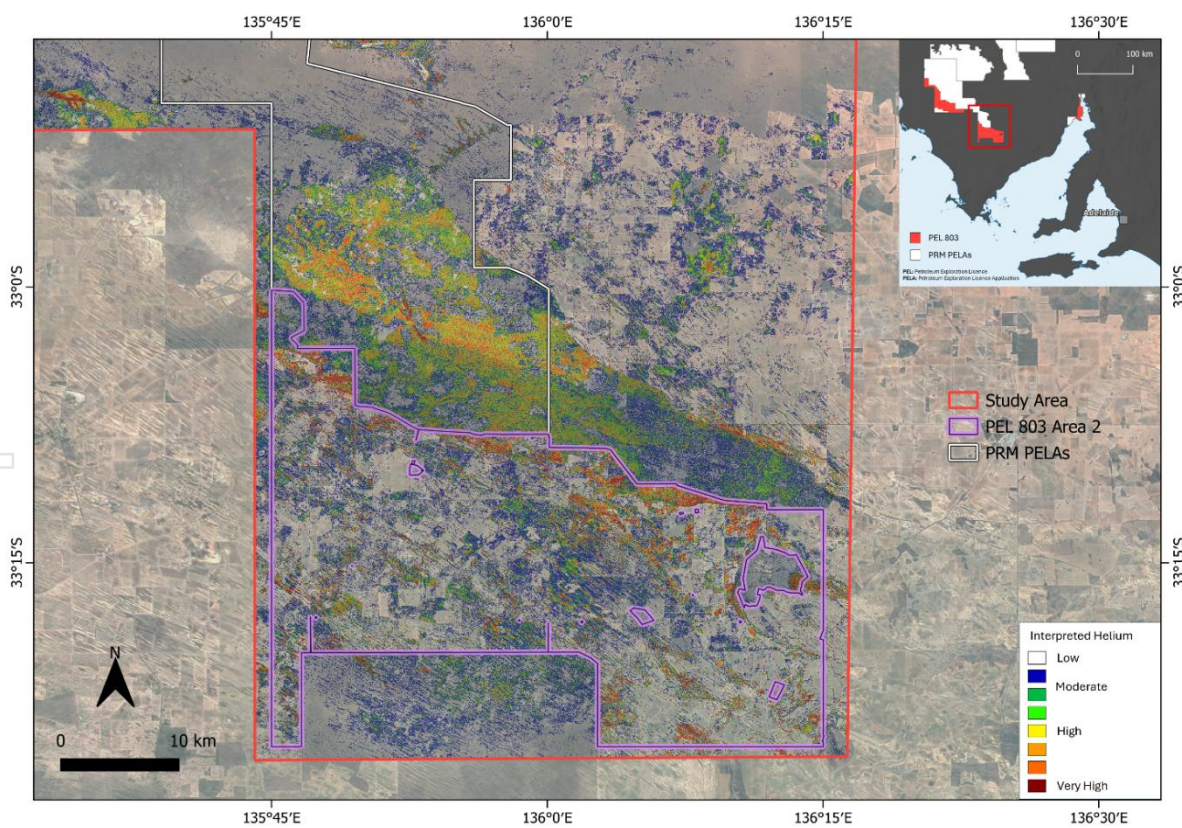


Figure 1: Helium prospectivity map derived from independent satellite analysis showing widespread anomalies across the Eyre Project, South Australia consistent with active gas migration. The categories were selected directly from the provided continuous colour bar, with thresholds chosen to divide the data into clear visual groups. These thresholds highlight relative differences in anomaly strength. The category labels ('Low', 'Moderate', 'High', 'Very High') were assigned qualitatively to match these anomaly ranges.

Methodology

The study was undertaken by remote sensing specialist Dr Neil Pendock using Sentinel-2 satellite imagery and advanced spectral processing techniques to identify surface signatures consistent with helium, natural hydrogen and methane seepage.

Gas anomaly mapping utilised an optical turbulence model incorporating spectral features associated with hydrogen and helium in the Visible Near Infrared (VNIR) region and methane in the Shortwave Infrared (SWIR) region of the electromagnetic spectrum. The resulting datasets were used to generate regional gas prospectivity maps highlighting areas exhibiting characteristics consistent with gas migration.

Next Steps

PRM is integrating the satellite analysis with gravity and magnetic interpretation, structural mapping and soil gas survey results to rank and prioritise exploration targets across the Gawler Hydrogen Project. This work will support the selection of high-confidence prospects for future drilling.

Authorised for release by the Board of Prominence Energy Limited.

About Prominence Energy

Prominence Energy Limited is an ASX-listed energy company headquartered in Perth. PRM's investment strategy is to identify very high ROI opportunities that can be secured at an early stage at close to "ground floor" valuations. In addition to conventional oil and gas projects, PRM considers helium, green energy and clean hydrogen opportunities.

About Natural Hydrogen

Natural hydrogen (also known as white or geologic hydrogen) is formed from natural processes within the earth and accumulates underground. It can be identified using conventional, low-cost, non-invasive exploration methods and represents a zero-carbon fuel, producing only water vapour when combusted.

About Helium

Helium is a naturally occurring noble gas generated through the radioactive decay of uranium and thorium within ancient crustal rocks, particularly Archean granites. Helium is a high-value, non-renewable resource with essential applications in medical imaging, semiconductor manufacturing, space technologies and cryogenics, and is currently subject to global supply constraints.

Forward-looking Statements

This document may contain certain forward-looking statements which are based on Prominence Energy Limited's expectations, estimates and assumptions as at the date of this document. Forward-looking statements are subject to risks and uncertainties that may cause actual results to differ materially from those expressed or implied. These risks include, but are not limited to, geological and technical uncertainties, operational and regulatory outcomes, environmental conditions and market factors. Forward-looking statements speak only as at the date of this document and Prominence undertakes no obligation to revise or update them to reflect future events or circumstances.