Project and Corporate Update

Highlights

- **Significant technical de-risking desktop work confirms high-grade natural hydrogen potential at Gawler Hydrogen Project (PEL 803) successfully delineating multiple reservoir–seal pairs and key source rocks (Hiltaba Granite).**
- **Planning is advanced for a high-impact integrated soil-gas and groundwater geochemical survey targeting field mobilisation in early 2026 to validate desktop work and assess near-surface hydrogen anomalies.**
- **The majority of conditions for the Gawler Hydrogen Project transaction previously announced on 23 June 2025 are met or waived with the final step being regulatory Change of Control approval with the Department of Mines and Energy, South Australia (DEM).**
- **Global strategic positioning as Prominence Energy Ltd has been selected as one of four WA companies to join the prestigious Australian Clean Hydrogen Delegation to H2MEET Korea 2025 Asia's largest hydrogen exhibition providing global access.**
- **Strengthened technical team with the appointment of Mr Harvey Keon as Technical Advisor, materially boosting exploration capability with specialised expertise in natural hydrogen and helium systems.**

The Board of Prominence Energy Ltd (ASX: PRM) ("**PRM**" and "**Company**") is pleased to provide an update on its corporate and project activities.

Gawler Hydrogen Project

Technical evaluation of the Gawler Hydrogen Project Petroleum Exploration License ("**PEL**") 803 continues to substantially build confidence in the block's world-class natural hydrogen potential, validating it as a strategic asset in South Australia's emerging clean energy corridor.

Geological interpretation delivers promising initial results

Detailed desktop geological and geophysical interpretation has been highly successful, delineating multiple high-potential hydrogen source rocks within PEL 803. These include:

- The Hiltaba Granite as a significant radiolytic source
- Ferrolysis processes within biotite-rich rocks
- The potential for deep-seated, high-flux hydrogen pathways

Crucially, the technical team has also successfully delineated multiple reservoir–seal pairs in favourable stratigraphic configurations across the entire PEL 803 area. This work significantly de-risks the exploration strategy and provides clear, high-priority targets for upcoming field work.

High-Priority Geochemical Survey Planning Underway

Planning is now well advanced for an integrated, high-impact soil-gas and groundwater geochemical survey. This crucial program is designed to deliver the first direct surface dataset across the Gawler Hydrogen Project area. The survey will:

- Provide valuable, independently verifiable baseline data to validate and enhance the desktop interpretations
- Directly assess the presence and intensity of near-surface natural hydrogen and helium anomalies

The survey design is nearing completion, with field mobilisation targeted for early 2026, subject to final regulatory approvals. This critical step will accelerate the Company towards its maiden drilling campaign.

Corporate Update

All conditions precedent for the execution of the Gawler Hydrogen Project transaction have now been met or waived, with the exception of regulatory approval for the Change of Control for PEL 803, which is currently in progress with the Department for Energy and Mining ("**DEM**"), South Australia, and PRM does not anticipate any impediments

PRM has been selected as one of only four Western Australian companies chosen by Invest and Trade WA to participate in an Australian Clean Hydrogen and Carbon Capture & Storage Delegation to H2MEET Korea 2025, held from 4th - 7th December 2025 at the KINTEX Exhibition Centre, Seoul.

Hosted by the Australian Trade and Investment Commission (Austrade) Korea, the mission focuses on emerging trade and investment opportunities in the clean hydrogen and CCS sectors. H2MEET (Hydrogen Mobility + Energy + Environment + Technology) is Asia's largest integrated hydrogen exhibition, bringing together global leaders in hydrogen technology, manufacturing, infrastructure, and policy.

By participating, PRM gains direct access to regional hydrogen technology and investment networks, supporting the Company's broader strategy to position itself as a contributor to the global low-carbon energy transition.

The Company is also pleased to announce the appointment of Mr Harvey Keon (Geologist) to its technical team as Technical Advisor. Harvey holds a BSc in Applied Geology and Environmental Biology (Distinction) and First Class Honours in Earth & Planetary Science from Curtin University.

Through his previous role at 2H Resources, a subsidiary of Buru Energy Limited (ASX:BRU), Harvey designed and executed soil-gas sampling programs across the Yilgarn Craton, integrating field measurements with micro-Gas Chromatograph (μGC) analysis for trace hydrogen and helium detection. His combination of field, analytical, and stakeholder engagement experience makes him a valuable addition to the PRM technical team.

PRM's *COO*, Dr Krista Davies, *commented on the results*:

"We are very pleased with the momentum building across the Gawler Hydrogen Project as we move toward completion of the transaction and final regulatory approvals. The technical work completed to date continues to reinforce the project's strong potential and strategic importance within South Australia's emerging hydrogen corridor.

PEL 803 offers significant exploration upside in a new and largely untested hydrogen province. Alongside our broader portfolio, it represents a transformative growth opportunity for Prominence Energy, positioning the Company to participate meaningfully in Australia's transition to low-carbon energy while creating long-term value for shareholders"

Authorised for release by the Board of Prominence Energy Ltd.

About Prominence Energy

Prominence Energy Ltd is an Australian Securities Exchange (ASX:PRM) listed energy company headquartered in Perth. PRM's investment strategy is to identify very high ROI (Return on Investment) opportunities, that can be secured at an early stage at close to 'ground floor' valuations. The experienced team at Prominence therefore reviews scores of opportunities before short listing a select few to actively pursue. In addition to conventional oil and gas projects, PRM will consider potential Helium, Green Energy and particularly Green Hydrogen investment opportunities. Current key opportunities include a 100% Working Interest in the Big Apple Prospect in the Gulf of Mexico, targeting a high potential and sizeable gas prospect, a 20% interest in Umine and a 10% interest in ECOSSAUS Ltd. ECOSSAUS has an early mover advantage in seeking to establish Australian solution-mined salt caverns, that can -be used for on demand energy reserves such as gas or hydrogen.

About Natural Hydrogen

Natural hydrogen (also known as "white hydrogen" or "geologic hydrogen") is hydrogen that is formed from natural processes within the earth and accumulates underground. Naturally occurring accumulations of hydrogen are present all over the world and can be identified using conventional, low cost and non-invasive exploration methods. It can be produced and used as a renewable and non-polluting source of energy. When hydrogen is combusted (burnt) for energy, the only byproduct is water vapour, making natural hydrogen a true zero-carbon fuel. Natural hydrogen represents a hydrogen supply with the lowest production costs, environmental impact and life-cycle emissions when compared to manufactured forms of hydrogen.