4 December 2025

ASX Announcement

Additional Resource Table Information

Following consultation with ASX, Gold Hydrogen Ltd (ASX:**GHY**, the **Company**) provides additional information in respect of the prospective resource statements contained within the Company's announcements released 24 November 2025 and 2 December 2025.

The appended documents include the previously released announcements together with the additional information.

This announcement has been authorised for release by the Company Secretary.

On behalf of the Board
Karl Schlobohm
Company Secretary

For Company Enquiries Contact:

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Karl Schlobohm – Company Secretary / CFO
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24 November 2025

ASX Announcement

Ramsay Project Operational Update

Natural Hydrogen and Helium Confirmed in Ramsay 3 Well

Highlights:

- **On the back of the strategic investment from Toyota Motor Corporation, Mitsubishi Gas Chemical and ENEOS Xplora, the Company's 2025 drilling campaign has commenced.**
- **The Ramsay 3 well, located 2.3km from the Ramsay 1 and Ramsay 2 well sites, was spudded on Monday 10 November 2025.**
- **Elevated levels of Natural Hydrogen were confirmed by the SLB DQ1000 gas detector in the Parara Limestone, whilst Helium was similarly confirmed at elevated levels at several depths within the Kulpara Dolomite formation.**
- **The confirmation of Natural Hydrogen and Helium confirms the potential continuity of the Natural Hydrogen and Helium sub-surface systems within the Parara Limestone and Kulpara Dolomite sections of the Ramsay Project.**
- **Multiple samples have been collected for third party laboratory analysis, and gas monitoring and sampling will continue.**

The Directors of Gold Hydrogen Limited (**Gold Hydrogen**, ASX: **GHY**, the **Company**) are pleased to provide a preliminary operational update on the Ramsay 3 well.

Drilling at Ramsay 3 commenced on 10 November 2025, this being the third dedicated Natural Hydrogen and Helium exploration well in Australia, and a follow-up to the successful Ramsay 1 and 2 wells. Over the past week, the surface casing on Ramsay 3 was set at 143m, at the top of the Parara Limestone section. Natural Hydrogen was measured in the mud gas from the commencement of drilling out of the surface casing at a shallow depth of 148m and was also detected in several zones within the Parara Limestone section.

Elevated Helium levels were also noted at several depths within the Kulpara Dolomite formation.

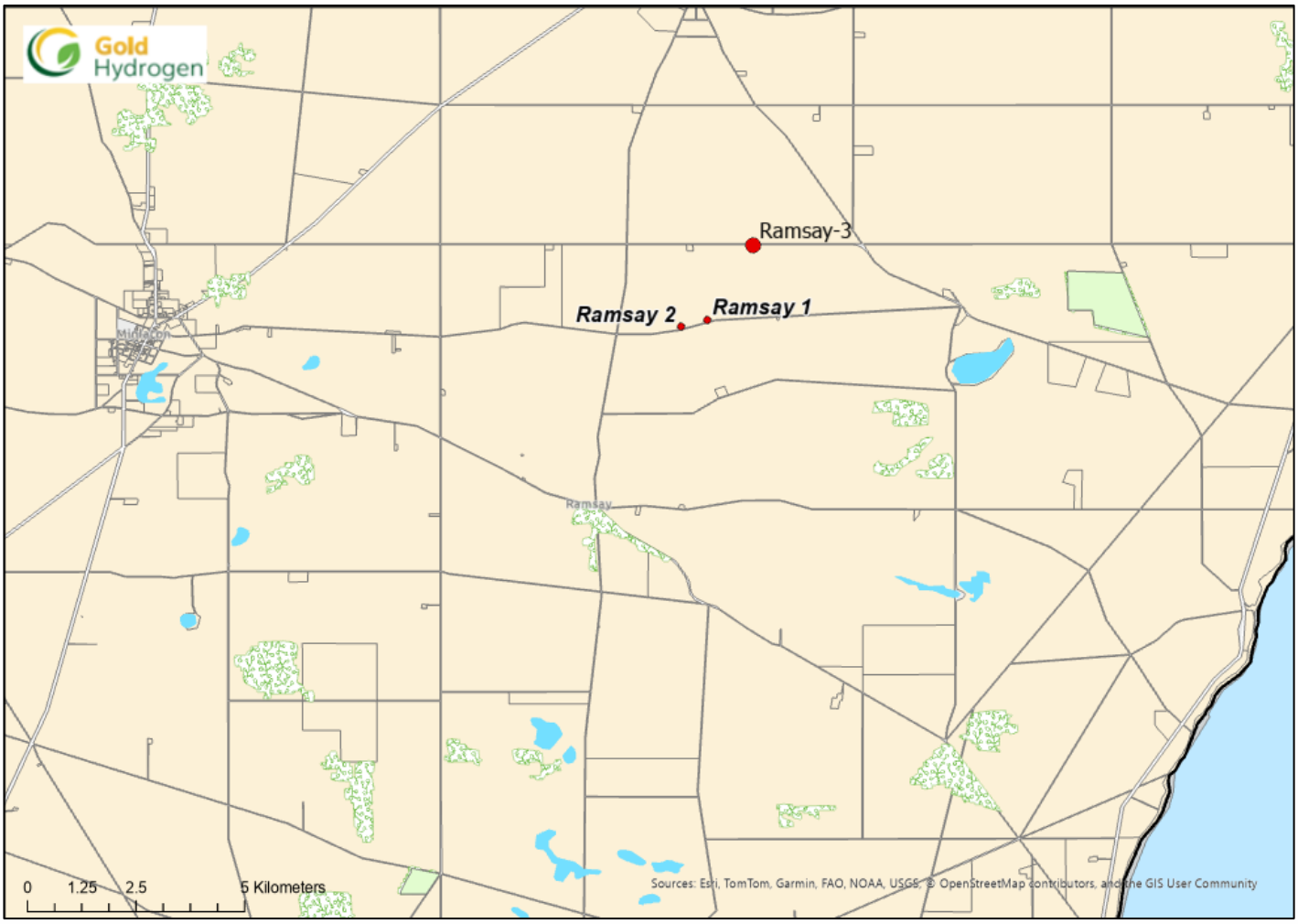

Figure 1: Location of the Ramsay 3 well in relation to the Ramsay 1 and Ramsay 2 wells drilled by the Company in 2023

During the drilling operation, continuous mud gas monitoring has been carried out using SLB's mud logging system (DQ1000 gas chromatograph), and numerous mud gas samples have been collected and sent to Petrolab in Adelaide for testing. Results of the testing will be received over the coming weeks, and once received and interpreted, a further market update will be made. Although the gas shows are preliminary and indicative, Ramsay 3 has confirmed the presence of Natural Hydrogen and Helium in the Yorke Peninsula sub-surface as determined by the Ramsay 1 and 2 wells drilled by the Company in 2023.

Gold Hydrogen Managing Director, Neil McDonald said: *"Confirmation of elevated levels of Natural Hydrogen and Helium at Ramsay 3 is very exciting. This helps demonstrate the potential for the extension of the Natural Hydrogen system previously identified by the Company in the Parara Limestone. This could be instrumental in any future reassessment of the Company's potential resource base for the Ramsay Project. Further to this, the confirmation of Helium gas shows in the Kulpara Dolomite section of Ramsay 3 is also indicative of the potential for Helium system continuity. This is very exciting due to the world shortage and demand for Helium which is an extremely expensive commodity. We look forward to receiving the laboratory results, and the ongoing testing program."*

Important Risk Commentary

It is important to note that there remain both geological and potential development risks associated with the Ramsay Project and the Company's commercial and business objectives. These risks relate to the presence, recovery and potential volumes of both Natural Hydrogen and Helium, but also due to the location of the gas systems within agricultural areas and the proximity to National Parks on both Yorke Peninsula and Kangaroo Island, requiring significant landholder and community engagement. The worldwide, Federal and South Australian Government and industry efforts to secure Hydrogen as an alternative energy source provides confidence that any technical and social concerns may be overcome.

About Gold Hydrogen

Gold Hydrogen is focused on the discovery and development of world class Natural Hydrogen and Helium gases in a potentially extensive province in South Australia. This region had its Natural Hydrogen and Helium potential confirmed by the Company via its maiden 2023 / 24 drilling and well testing campaigns.

The domestic and global demand for Hydrogen and Helium, combined with new exploration techniques and experienced personnel, provides Gold Hydrogen with an extraordinary opportunity to define and ultimately develop a new Natural Hydrogen and Helium gas province.

The combined natural hydrogen permit area of the Gold Hydrogen group is in excess of 75,000km^2. Gold Hydrogen holds one granted petroleum exploration license (the Ramsay Project - PEL 687) and its two 100% owned subsidiary companies (White Hydrogen Australia and Byrock Resources) hold an additional seven (7) applications for Natural Hydrogen and Helium exploration within South Australia.

The Company's Prospective Resource Statements are appended as **Tables 1 and 2**.

Gold Hydrogen is also the preferred applicant for four (4) gas storage exploration licenses applications (GSELA) covering an area of 8,107km^2 within the Yorke Peninsula portion of PEL 687 in South Australia. These storage licence applications are in addition to the granted exploration licence and application licences. A 100% owned Gold Hydrogen subsidiary, Sustainable Minerals Group Pty Ltd, also holds a mineral lease on the Yorke Peninsula potentially prospective for iron-oxide, copper and / or gold mineralisation.

The group's permit areas are characterised by low population densities, cooperative stakeholders and aspects of the natural environment suited to the exploration and development of a future natural hydrogen gas province. Gold Hydrogen places considerable importance on close liaison with landholders, traditional owners and all other stakeholders, and this approach has led to the grant of its key tenement PEL 687 in South Australia. The Company intends to continue to invest in these efforts.

Figure 2: Photo of the drill rig at the Ramsay 3 well

Further Information

Further information on the Gold Hydrogen group, its projects, and its Board and Management can be found on the Company's website (www.goldhydrogen.com.au) together with a copy of the Company's Replacement Prospectus of 29 November 2022.

Gold Hydrogen also has accounts on LinkedIn and Twitter (@GHY_ASX), and copies of market releases will be emailed to all interested parties who register via info@goldhydrogen.com.au

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This announcement has been authorised for release by the Managing Director.

On behalf of the Board
Karl Schlobohm
Company Secretary

For Company Enquiries Contact:

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Table 1 – Prospective Resource Statement for Natural Hydrogen

Gold Hydrogen's Ramsay Project: Prospective Resources* of Hydrogen in '000 Tonnes – 30 Sept 2021										
PEL	**Prospects**	**SPE PRMS Sub-class**	**1U Low Estimate**	**2U Best Estimate**	**Mean**	**3U High Estimate**		**Pg**	**Pd**	**Pc**
PEL 687	**All Prospects and Leads**		**207**	**1,313**	**4,187**	**8,820**		**22%**	**48%**	**10%**
Yorke Peninsula										
PEL 687	Ramsay FB	Prospect	124	931	2,712	6,989		22%	50%	11%
PEL 687	Ramsay Lst	Prospect	10	70	191	492		26%	50%	13%
PEL 687	Maitland	Lead	7	26	40	92		17%	35%	6%
Kangaroo Island										
PEL 687	Navigator	Lead	34	152	280	678		19%	40%	8%
PEL 687	Kanmantoo	Prospect	32	134	237	569		25%	40%	10%

*** This estimate of Natural Hydrogen Prospective Resources must be read in conjunction with the notes below, and it should be noted that the estimated quantities of Natural Hydrogen that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery and a risk of development. Further exploration, appraisal and evaluation is required to determine the existence of a significant quantity of potentially recoverable Natural Hydrogen.**

Notes:

1. This reserves statement presents Gold Hydrogen's Prospective Resources. Gold Hydrogen currently has no Reserves and no Contingent Resources.
2. Estimates are assessed to comply with the ASX Listing Rules for Prospective Resources and SPE-PRMS 2018 with the understanding that naturally occurring hydrogen may be considered a hydrocarbon since it has energy content and can be used stand alone and/or blended with sales gas. "U" implies Prospective Resources.
3. Per ASX Listing Rules 5.28.4 and 5.28.5 estimates are unrisked and aggregated arithmetically by category, hence caution that the aggregate low estimate may be a very conservative estimate and the

aggregate high estimate may be a very optimistic estimate due to the portfolio effects of arithmetic summation.

4. Probabilistic methods are used to prepare the estimates. The distribution of the estimates is the "full distribution" and has not been truncated by application of the MEPS (minimum economic pool size concept).
5. The Reference Point is at the wellhead/edge of lease (i.e. wellhead facilities) so the estimates have no deduction for flare, vent or fuel consumed in operations.
6. Pg (Chance of Geologic Discovery), Pd (Chance of Development) and Pc (Chance of Commerciality = Pg x Pd) are calculated as a weight average of the P50's of the H2 ('000 Tonnes) of the prospects.
7. Pg incorporates Play Risk and Prospect Risk.
8. Pd incorporates an assessment across all SPE-PRMS Commerciality Criteria (i.e. not just economics).
9. Information in the table is rounded. Some totals in the tables may not add due to rounding.
10. This reserves statement:
    a. is based on, and fairly represents, information and supporting documentation prepared by the qualified petroleum reserves and resources evaluators listed in note 14 below. Details of each qualified petroleum reserves and resources evaluator's employment and professional organisation membership are set out in note 14 below;
    b. has been approved by Luke Titus, who is a qualified petroleum reserves and resources evaluator and whose employment and professional organisation membership details are set out in note 14 of this reserves statement;
    c. is issued with the prior written consent of Luke Titus and Teof Rodrigues & Associates ("TRA" - involving Teof Rodrigues, Paul Strong, and Greg Horton, whose employment and professional organisation membership details are set out in note 14 of this reserves statement) as to the form and context in which the estimated Natural Hydrogen resources and the supporting information are presented.
11. There is no change to information or additional information, since the effective date of 30 September 2021, that Gold Hydrogen and TRA are aware of that would materially change the estimates in this reserves statement.
12. Gold Hydrogen engages independent experts TRA to evaluate reserves and resources.
13. Qualified Petroleum Reserves and Resources Evaluators are:

Name	**Employer***	**Professional organisation**
Luke Titus	Gold Hydrogen	SPE
Teof Rodrigues	Teof Rodrigues & Associates	SPE, PESA
Paul Strong	Teof Rodrigues & Associates	GSL, AAPG, PESA
Greg Horton	Teof Rodrigues & Associates	SPE

* As at 30 September 2021

Table 2: Prospective Resource Statement for Helium

Gold Hydrogen Prospective Resources* of Helium in Bcf - Ramsay Project (PEL 687 Yorke Peninsula) 21 February 2024											
PEL	**Prospects**	**SPE PRMS Sub-class**	**Formation**	**1U Low Estimate**	**2U Best Estimate**	**Mean**	**3U High Estimate**		**Pg**	**Pd**	**Pc**
PEL 687	**All Prospects**		**All Formations Total**	**7**	**41**	**96**	**243**		**17%**	**60%**	**10%**
PEL 687	**Ramsay Fault Block**	**Prospect**	Kulpara Formation	0.8	3.6	7.0	17.1		29%	60%	17%
			Winulta Formation	0.1	0.6	1.6	4.0		12%	60%	7%
			Fractured Basement	0.7	3.8	6.9	16.7		13%	60%	8%
			Total	**2**	**8**	**15**	**38**		**20%**	**60%**	**12%**
PEL 687	**South of Ramsay Fault Block**	**Prospect**	Kulpara Formation	2.1	12.8	30.5	77.6		23%	60%	14%
			Winulta Formation	0.3	2.4	7.7	19.8		8%	60%	5%
			Fractured Basement Hilbata Suite	1.6	10.3	25.5	65.2		12%	60%	7%
			Fractured Basement Yorke Peninsula Heel	1.4	7.7	17.0	42.7		12%	60%	7%
			Total	**5**	**33**	**81**	**205**		**16%**	**60%**	**10%**

*** This estimate of Helium Prospective Resources must be read in conjunction with the notes below.**

These Helium Prospective Resources are estimated quantities of helium that may potentially be recovered by the application of a future development project(s) relate to undiscovered accumulations. These estimates have both an associated risk of discovery (Pg) and a risk of development (Pd). Further exploration, appraisal and evaluation is required to determine the existence of a significant quantity of potentially recoverable Helium.

Notes:

1. This table presents Gold Hydrogen's Prospective Resources for Helium in the Ramsay Field of Yorke Peninsula only. Gold Hydrogen currently has no Reserves and no Contingent Resources.
2. Estimates are assessed to comply with the ASX Listing Rules for Prospective Resources and SPE-PRMS 2018. SPE have provided guidance regarding the Extension of PRMS Principles to Non-Hydrocarbon/Non-Traditional Situations including Helium (and Hydrogen).
   Refer: https://www.spe.org/en/industry/reserves/non-hydrocarbons/

3. Per ASX LRs 5.28.4&5 estimates are unrisked and aggregated arithmetically by category, hence caution that the aggregate low estimate may be a very conservative estimate and the aggregate high estimate may be a very optimistic estimate due to the portfolio effects of arithmetic summation.
4. Probabilistic methods are used to prepare the estimates. The distribution of the estimates is the "full distribution" and has not been truncated by application of the MEPS (minimum economic pool size) concept.
5. The Reference Point is at the wellhead/edge of lease (i.e. wellhead facilities) so the estimates have no deduction for flare, vent or fuel consumed in operations.
6. Pg (Chance of geologic Discovery), Pd (Chance of Development) and Pc (Chance of Commerciality = Pg x Pd) are calculated as a weight average of the P50's of the Helium Bcf (Billion Cubic Feet) of the prospect formations.
7. Pg incorporates Play Risk and Prospect Risk.
8. Pd incorporates an assessment across all SPE-PRMS Commerciality Criteria (i.e. not just economics).
9. Information in the table and throughout the Report is rounded. Some totals in the tables may not add due to rounding.
10. There is no change to information or additional information, since the effective date of 21 February 2024, that Gold Hydrogen and TRA are aware of that would materially change the estimates in this reserves statement.

QPRRE Statement

The Prospective Resource Statement in this announcement is based on, and fairly represents, information and supporting documentation prepared by independent consultants “Teof Rodrigues & Associates” (Mr Teof Rodrigues, Mr Paul Strong and Mr Greg Horton) and Mr Billy Hadi Subrata, Chief Technical Officer for Gold Hydrogen, with an effective date of 21 February 2024.

The Prospective Resource Statement has been included in this announcement:

(1) under the approval of Mr Billy Hadi Subrata, Chief Technical Officer for Gold Hydrogen, who is a Qualified Petroleum Reserves and Resources Evaluator; and

(2) with the prior written consent of Mr Billy Hadi Subrata and “Teof Rodrigues & Associates” (Mr Teof Rodrigues, Mr Paul Strong and Mr Greg Horton) as to the form and context in which the helium prospective resource statement and supporting information are presented.

The employment and professional organisation membership details of Mr Billy Hadi Subrata, Mr Teof Rodrigues, Mr Paul Strong and Mr Greg Horton are as follows:

Name	Employer	Professional organisation
Billy Hadi Subrata	Gold Hydrogen	SPE
Teof Rodrigues	Teof Rodrigues & Associates	SPE, PESA
Paul Strong	Teof Rodrigues & Associates	GSL, AAPG, PESA
Greg Horton	Teof Rodrigues & Associates	SPE

Prospective Resource Statements

The Prospective Resource Statements for Natural Hydrogen and for Helium have been included in this announcement under the approval of Mr Billy Hadi Subrata, Chief Technical Officer for Gold Hydrogen, who is a Qualified Petroleum Reserves and Resources Evaluator. Mr Hadi Subrata confirms that, as at the date of this announcement, there are no changes to information or additional information, since the effective dates, that would materially change the estimates of prospective resources quoted.

Forward Looking Statement / Future Performance

This announcement may contain certain forward-looking statements and opinion Forward-looking statements, including projections, forecasts and estimates, are provided as a general guide only and should not be relied on as an indication or guarantee of future performance and involve known and unknown risks, uncertainties, assumptions, contingencies and other important factors, many of which are outside the control of the Company and which are subject to change without notice and could cause the actual results, performance or achievements of the Company to be materially different from the future results, performance or achievements expressed or implied by such statements. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. 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 Gold Hydrogen Limited.

2 December 2025

ASX Announcement

Ramsay Project Operational Update

Ramsay 3 Drilling Successfully Completed - World Class Elevated Levels of Natural Hydrogen Confirmed at up to 97% Purity

Highlights:

- **Following the strategic investment from Toyota Motor Corporation, Mitsubishi Gas Chemical and ENEOS Xplora, the Ramsay Project 2025 drilling campaign continues with the completion of Ramsay 3 and the mobilisation of the rig to Ramsay 4.**
- **Ramsay 3 spudded on Monday 10th of November 2025 and reached total depth of 884.2m on 27th November 2025. Production casing was run to total depth on 29th November 2025, and the rig was released from Ramsay 3 on 30th November 2025.**
- **Several zones of elevated levels of Natural Hydrogen and Helium were detected and evaluated by the SLB DQ1000 gas detection system across multiple intervals within the Parara and Kulpara formations and in the Hiltaba Granite.**
- **World class elevated levels of Natural Hydrogen purity of up to 97% (air corrected) have been confirmed by initial analysis of samples taken from the Parara Formation. Further laboratory analysis of samples taken is ongoing.**
- **Baker Hughes wireline log interpretation, including nuclear magnetic resonance, acoustic imaging and resistivity imaging, supports intervals with favourable porosity, natural fracturing and fluid mobility characteristics consistent with the Company's Natural Hydrogen model.**
- **Gas responses in Ramsay 3 correlate with key intervals in Ramsay 2, confirming continuity of these zones up-dip across ~2.3 km, significantly strengthening the geological model for a laterally persistent Natural Hydrogen and Helium system.**
- **Results of the formation evaluation program will continue to be analysed including third party lab analysis of Natural Hydrogen and Helium for samples collected. This will drive the scope for the Completions and Well Testing Program for the project, planned for Q1 2026, where long lead items have already been ordered.**
- **The rig is now shifting and rigging up to drill Ramsay 4, located 500m north of Ramsay 2.**
- **Further updates will be provided following completion of the Ramsay 4 drilling.**

Gold Hydrogen Managing Director, Neil McDonald said: *"The Ramsay 3 well has demonstrated the continuation of the promising Natural Hydrogen and helium play from Ramsay 2 to Ramsay 3, a distance of 2,300m. Although it is at an early stage of analysis, to confirm world class levels of Natural Hydrogen purity at up to 97% (air corrected) and confirming multiple zones where Natural Hydrogen and Helium has been intersected is extremely promising. Ramsay 3 appears to be similar to that of the successful Ramsay 2 well, and this well will now be completed for a future extended well test. Ramsay 4 will now be drilled to further appraise the world-leading Ramsay project, and an extensive formation evaluation program is planned."*

The Directors of Gold Hydrogen Limited (**Gold Hydrogen**, ASX: **GHY**, the **Company**) are pleased to provide an operational update as follows:

Ramsay 3 has now reached total depth of 884.2m and a complete set of wireline logs has been acquired and production casing run. The wireline logs have identified several anomalous gas zones (ie. elevated levels) utilizing the SLB DQ1000 gas detection tool, and detailed petrophysical analysis by Baker Hughes of the full suite of wireline logs including Nuclear Magnetic Resonance (NMR), acoustic and resistivity imaging logs. Stacked gas zones have been identified through several prospective formations including the Parara, Kulpara and Hiltaba Granite.

Preliminary results and Baker Hughes wireline log interpretation indicate continuity of Natural Hydrogen gas zones found in Ramsay 2 up-dip to Ramsay 3 over a distance of 2.3km. Air-corrected Natural Hydrogen purities of up to 97% have been obtained from sampled intervals in the Parara Formation. Samples collected throughout the drilling of Ramsay-3 continue to be tested/analysed and several have been sent to laboratories for independent noble gas analysis. The rig will now move to the Ramsay 4 drill site, located 500m from Ramsay 2 to further appraise the Ramsay Project's resource potential.

Production casing has been run to the bottom of the Ramsay-3 well with a fiber optic line attached which will enable temperature and acoustic measurements to be taken across the depth of the well. These measurements will assist in understanding the reservoir performance. The 7" casing well installation will enable installation of an Electronic Submersible Pump (ESP), perforating elevated gas zones and production testing with a temporary surface production facility, which will also have a gas compressor integrated. The Completions and Well Test Program is scheduled to take place early in 2026 following the completion of the drilling campaign, and the scope will be finalized once formation evaluation datasets have been integrated from the wells. The Completions and Well Test Program will be a test of the Natural Hydrogen and Helium flow potential of several prospective formations, which will be assisted by additional data provided by the fiber optics and bottom hole gauges.

Image 1: Ramsay Project Wellsite location Map

Image 2: Ramsay-3 wellsite during drilling

Image 3: Running production casing in Ramsay 3. Note the fiber optic cable attached to the outside of the casing for data collection.

Table 1 – Listing Rule 5.30 Information (Preliminary)

Name:	**Ramsay 3**
Location (UTM zone 53 GDA2020)	
X	749096 mE
Y	6151186 mN
Permit	**PEL 687**
Entity holders(s)	**Gold Hydrogen 100%**
Resources	**Hydrogen, Helium**
Formation	**Parara, Kulpara, Winulta and Hiltaba basement**
Gross thickness and net pay thickness	**85m gross**
Geological rock type	**Limestones, Dolomites, Dolomitic Sandstones and fractured Granites**
Depth of the zones tested	**148-870m**
Type of test and duration	**Calibrated mud gas log data and Isotubes**
Phase recovered	**Gas**
Other types of recovery	**N/A**
Flow rates, choke size, volumes recovered	**N/A**
Fracture stimulation	**N/A**
Material non hydrocarbons	**Hydrogen, Helium, Nitrogen, CO2**

Insufficient information is presently available to determine net pay thickness.

Important Risk Commentary

It is important to note that there remain both geological and potential development risks associated with the Ramsay Project and the Company's commercial and business objectives. These risks relate to the presence, recovery and potential volumes of hydrogen, but also due to the location of the resource within agricultural areas and the proximity to National Parks on both Yorke Peninsula and Kangaroo Island, requiring significant landholder and community engagement. The worldwide, Federal and South Australian Government and industry efforts to secure hydrogen as an alternative energy source provides confidence that any technical and social concerns may be overcome.

About Gold Hydrogen

Gold Hydrogen is focused on the discovery and development of world class natural hydrogen gas in a potentially extensive natural hydrogen province in South Australia. This region has only recently had its natural hydrogen potential identified by the Company. The domestic and global demand for hydrogen, combined with new natural hydrogen exploration techniques and experienced personnel, provides Gold Hydrogen with an extraordinary opportunity to define and ultimately develop a new natural hydrogen gas province.

The combined natural hydrogen permit area of the Gold Hydrogen group is approximately 75,332km^2. Gold Hydrogen holds one granted petroleum exploration license (the Ramsay Project - PEL 687) and its two 100% owned subsidiary companies (White Hydrogen Australia and Byrock Resources) hold an additional seven (7) applications for natural hydrogen exploration within South Australia.

The Company's Prospective Resource Statement for Natural Hydrogen is attached as **Table 2.**

Gold Hydrogen is also the preferred applicant for four (4) gas storage exploration licenses applications (GSELA) covering an area of 8,107km^2 within the Yorke Peninsula portion of PEL 687 in South Australia. These storage licence applications are in addition to the granted exploration licence and application licences.

The group's permit areas are characterised by low population densities, cooperative stakeholders and aspects of the natural environment suited to the exploration and development of a future natural hydrogen gas province. Gold Hydrogen places considerable importance on close liaison with landholders, traditional owners and all other stakeholders, and this approach has led to the grant of its key tenement PEL 687 in South Australia. The Company intends to continue to invest in these efforts.

Further Information

Further information on the Gold Hydrogen group, its projects, and its Board and Management can be found on the Company's website (www.goldhydrogen.com.au) together with a copy of the Company's Replacement Prospectus of 29 November 2022.

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This announcement has been authorised for release by the Managing Director.

On behalf of the Board
Karl Schlobohm
Company Secretary

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+61 421 888 858

QPRRE Statement

The Prospective Resource Statement in this announcement is based on, and fairly represents, information and supporting documentation prepared by independent consultants "Teof Rodrigues & Associates" with an effective date of 30 September 2021, and which forms part of the Company's Replacement Prospectus dated 29 November 2022. The Prospective Resource Statement, together with all relevant notes, also appears in the Company's ASX release of 13 January 2023.

The Prospective Resource Statement has been included in this announcement under the approval of Mr Billy Hadi Subrata, Chief Engineer for Gold Hydrogen, who is a Qualified Petroleum Reserves and Resources Evaluator. Mr Hadi Subrata confirms that, as at the date of this announcement, there is no change to information or additional information, since the effective date of 30 September 2021, that would materially change the estimates of prospective resources quoted.

Forward Looking Statement / Future Performance

This announcement may contain certain forward-looking statements and opinion Forward-looking statements, including projections, forecasts and estimates, are provided as a general guide only and should not be relied on as an indication or guarantee of future performance and involve known and unknown risks, uncertainties, assumptions, contingencies and other important factors, many of which are outside the control of the Company and which are subject to change without notice and could cause the actual results, performance or achievements of the Company to be materially different from the future results, performance or achievements expressed or implied by such statements. Past performance is not necessarily a guide to future performance and no representation or warranty is made as to the likelihood of achievement or reasonableness of any forward-looking statements or other forecast. 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 Gold Hydrogen Limited.

Table 2 – Prospective Resource Statement for Natural Hydrogen

Gold Hydrogen's Ramsay Project: Prospective Resources* of Hydrogen in '000 Tonnes – 30 Sept 2021										
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Notes:

1. This reserves statement presents Gold Hydrogen's Prospective Resources. Gold Hydrogen currently has no Reserves and no Contingent Resources.
2. Estimates are assessed to comply with the ASX Listing Rules for Prospective Resources and SPE-PRMS 2018 with the understanding that naturally occurring hydrogen may be considered a hydrocarbon since it has energy content and can be used stand alone and/or blended with sales gas. "U" implies Prospective Resources.
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10. This reserves statement:
    a. is based on, and fairly represents, information and supporting documentation prepared by the qualified petroleum reserves and resources evaluators listed in note 14 below. Details of each qualified petroleum reserves and resources evaluator's employment and professional organisation membership are set out in note 14 below;
    b. has been approved by Luke Titus, who is a qualified petroleum reserves and resources evaluator and whose employment and professional organisation membership details are set out in note 14 of this reserves statement;
    c. is issued with the prior written consent of Luke Titus and Teof Rodrigues & Associates ("TRA" - involving Teof Rodrigues, Paul Strong, and Greg Horton, whose employment and professional organisation membership details are set out in note 14 of this reserves statement) as to the form and context in which the estimated Natural Hydrogen resources and the supporting information are presented.
11. There is no change to information or additional information, since the effective date of 30 September 2021, that Gold Hydrogen and TRA are aware of that would materially change the estimates in this reserves statement.
12. Gold Hydrogen engages independent experts TRA to evaluate reserves and resources.
13. Qualified Petroleum Reserves and Resources Evaluators are:

Name	**Employer***	**Professional organisation**
Luke Titus	Gold Hydrogen	SPE
Teof Rodrigues	Teof Rodrigues & Associates	SPE, PESA
Paul Strong	Teof Rodrigues & Associates	GSL, AAPG, PESA
Greg Horton	Teof Rodrigues & Associates	SPE

* As at 30 September 2021