



Jade Commences 2D Seismic Program at TTCBM Gas Project

- **105km 2D seismic survey commenced covering the Red Lake contingent resource area of 246Bcf¹**
- **Aim of the survey is to;**
 - **Delineate coal seams to enhance location and direction of upcoming Pilot Production wells;**
 - **Identify structural trends to optimise potential field development; and**
 - **Extend correlation to the 2023 exploration wells, building on the contingent resource area**
- **Pilot Production program on track to commence in Q3 CY2023**

Jade Gas Holdings (ASX:JGH, **Jade** or the **Company**) is pleased to advise that the planned 2D seismic program has commenced at the flagship Tavan Tolgoi Coal Bed Methane Project (**TTCBM**) in the south Gobi region of Mongolia.

2D Seismic Survey

The 2D seismic survey will further augment the extensive data set that Jade has obtained through its exploration activities in the Red Lake area and beyond over the last few years, and incorporates learnings from a seismic program undertaken by a previous operator.

All regulatory and access requirements have been met, with local Mongolian seismic operator, Geosignals LLC, mobilising crew and equipment, including vibroseis units and wireless recording equipment, from Ulaanbaatar to the TTCBM Project site in the South Gobi region of Mongolia.

The 19 line, 105km survey includes two lines specifically following the planned trajectories of the upcoming lateral wells. The primary objectives of the survey are to:

- Delineate the coal seams to assist with geosteering the forthcoming lateral wells in the target seams, maximising contact with the coal and de-risking the wells by identifying potential geological hazards prior to drill;
- Better visualise and understand the structural architecture of the entire Red Lake area, identifying areas that have undergone structural flex that may indicate areas of improved permeability;
- Identify potential zones of seam thickening where resource concentration will be higher; and

- Integrate the successful corehole drilling in the north of the area to extend field limits of the current 246 Bcf¹ unrisked Gross 2C Contingent Resources.

Commenting on the Seismic campaign, Jade Executive Director, Joe Burke, said:

"The data captured under this Seismic program is an important step to assist our technical team as they continue planning for the upcoming pilot production drilling later this year.

The Company has delivered outstanding gas performance results from the Red Lake gas field, and as we move forward with larger scale works, Jade continues to demonstrate the near-term and significant clean energy potential for Mongolia and our potential customers."



Figure 1 – Vibroseis truck at TTCBM Project location showing ease of land access for the crew.

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Authorised for release on behalf of the Board by Joseph Burke, Executive Director.

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¹ Refer ASX Release dated 23 August 2022. The Company confirms that it is not aware of any new information or data that materially affects the information included in this market announcement and that all the material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

About Jade Gas Holdings Ltd

Jade Gas Holdings Limited is a gas exploration company focused on the coal bed methane (**CBM**) potential of Mongolia. Jade's flagship project is the Coal Bed Methane gas project over the Production Sharing Agreement (**PSA**) area of Tavantolgoi XXXIII unconventional oil basin, (**TTCBM Project**). Jade will operate and manage the project through its subsidiary Methane Gas Resource LLC (**MGR**), a joint venture (**JV**) company partnering with Erdenes Methane LLC (**EM**), the representative of the Mongolian Government. The JV was formed with the intention to explore, develop and produce gas from the TTCBM Project permit (Jade 60%, Erdenes Methane LLC 40%), located in the South Gobi region of Mongolia.



Jade's JV partner, EM, was awarded the PSA over the TTCBM Project area in April 2020, after completion by MGR of the requirements of a Prospecting Agreement (**PA**) held by JV partner EM over the area. In accordance with the JV agreements, Jade managed, operated and fully funded the fulfillment of the PA requirements during that period. Following approval by the Cabinet of Mongolia in October 2020, the PSA rights and obligations were fully transferred to the JV company MGR.

Jade has also acquired two new prospective CBM permits, Shivee Gobi and Eastern Gobi. Both permits cover an area of over 18,000km² and are well located within existing coal basins and near coal deposits and mines.

It is the strategy of Jade to seek to develop all of its projects so that gas produced may, in the long-term, provide a reliable supply option to the oil and gas product market and the power sector in Mongolia, both to the capital city of Ulaanbaatar and also regional areas. Achievement of this strategy would partially displace the imported gas and gas liquid products, reduce higher carbon emitting fuel sources such as coal and diesel, the result of which would be the improvement in air quality of Ulaanbaatar city and other towns.

Supporting Mongolia's energy transition is a key priority for Jade, and success will result in:

- Improving Mongolia's energy independence
- Supporting Mongolia's significant future energy demand growth
- Decarbonizing the economy by improving the energy mix with cleaner fuel sources
- Environmental and health benefits for the people and country of Mongolia.