



JADE GAS

Investor Presentation

121 Mining Investment – Hong Kong

(ASX: JGH)

March 2023

JADEGAS.COM.AU

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All references to dollars, cents or \$ in this presentation are to Australian currency, unless otherwise stated.

Competent Persons Statement

The hydrocarbon Contingent Resource estimates in this presentation have been compiled by Mr Mark Pitkin who is an employee of Jade. Mr Pitkin is an experienced Reservoir Engineer and Manager, with over 30 years’ experience in the upstream oil & gas sector working for small and mid-size independents. He is a member of SPE and holds a BE in Petroleum Engineering from University of New Wales and is a qualified petroleum reserves and resources evaluator (QPRRE) as defined by ASX listing rules.

The hydrocarbon Prospective Resource estimates in this presentation have been compiled by Mr Adam Craig who is an employee of RISC as part of the Independent Technical Specialists Report prepared for the Prospectus dated 14 July 2021. Mr Craig is a highly experienced Geoscientist and Manager, with over 30 years’ experience in the upstream oil & gas sector working for small and mid-size independents, as well as NOC related entities. He is a Certified Practising Geologist, a member of AAPG, PESA, EAGE, MAICD, and a Fellow of the Geological Society. He holds BSc in Geology from Curtin University, Western Australia and is a qualified petroleum reserves and resources evaluator (QPRRE) as defined by ASX listing rules.

Investment Highlights



CLEAN ENERGY, DECARBONISATION AND ON-SHORING OPPORTUNITY

Global energy imbalance has created demand for natural gas which is acknowledged as an essential transitional step towards renewable energy sources. Mongolia is largely reliant on China and Russia for diesel and coal fire power.



MONGOLIA IS READY FOR A NEW DOMESTIC ENERGY INDUSTRY

Mongolia is poised for a new domestic energy industry: Government JV aligned and determined to build a domestic gas market for independent and cleaner energy.



LARGE SCALE GAS RESOURCE ESTABLISHED WITH FURTHER POTENTIAL

Globally significant gas exploration results delivered with high gas content and pipeline spec composition. Initial sizeable coal bed methane unrisks Gross 2C Contingent Resource booked of 246Bcf¹, with further substantial gas potential established gas field at Tavan Tolgoi over a 45km strike.



HUGE UNMET ENERGY NEED >500MW ON DOORSTEP

Demonstrated market demand with offtake interest from Mongolia's largest gas distributor (UB Metan LLC), a local major mine developer and the strong potential for more to come.



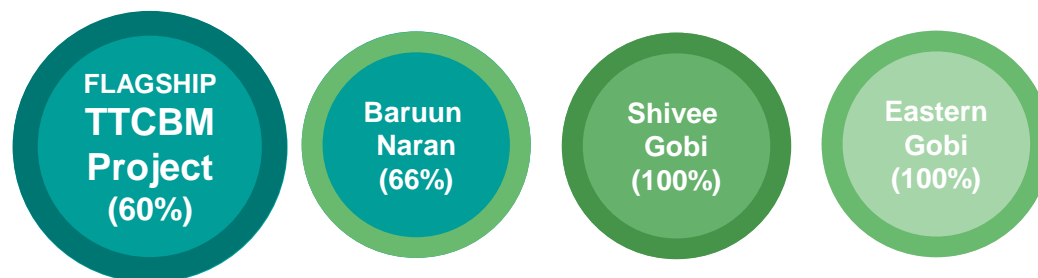
TEAM IN PLACE WITH THE RIGHT EXPERIENCE TO DELIVER

Experienced management team with substantial exploration and production experience. Exploration success has largely been driven by the quality of the TTCBM Project permit, and the team and their ability to execute

¹ Refer ASX release dated 23 August 2022

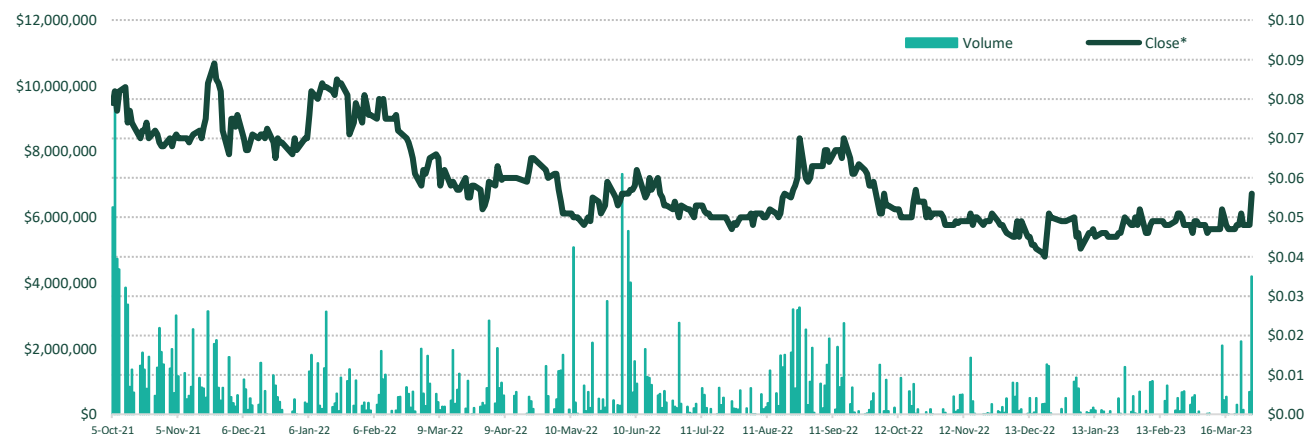
Jade Gas Corporate Summary

Four Core CBM Assets



Gross Contingent Resources (Bcf)	246 ¹	-	-	-
Gross Prospective Resources (Tcf)	1.0 ²	0.1 ³	2.0 ⁴	3.4 ⁴

Share Price



Capital Structure

ASX Ticker	JGH
Share price – 28 March 2023	\$0.056
Shares on issue ⁵	1,576m
Options and performance shares	195.5m
Market Capitalisation⁵	~\$88m
Cash at 31 December 2022	\$3.2m

Board of Directors

Dennis Morton	Non-Executive Chairman
Chris Jamieson	MD and CEO
Joseph Burke	Executive Director
Peter Lansom	Non-Executive Director
Dan Eddington	Non-Executive Director

¹ Refer ASX release dated 23 August 2022

² Refer RISC 2021 independent evaluation report in Prospectus dated 14 July 2021. The Prospective Resource has not been adjusted for the Red Lake Contingent Resources booking nor the exploration drilling in the east of the TTCBM Project permit

³ Refer ASX release dated 19 August 2022

⁴ Refer ASX release dated 28 April 2022

⁵ Assumes allocation of 178.6 million shares to UBM completed

Quality Portfolio of Mongolian CBM Permits

Four high quality permits covering in excess of 19,000 km² in existing coal basins

Tavan Tolgoi Coal Bed Methane (TTCBM) Project

- Jade (60%), Erdenes Methane LLC (40%), permit area 665 km²
- Drilling defining coal seam extensions from the Tavan Tolgoi coal mine
- Maiden unrisked Gross Contingent Resources¹:
 - 1C: 118 Bcf, 2C: 246 Bcf and 3C: 305 Bcf
- Exploration well success at Vista-1 and Brownhill-1

Shivee Gobi Permit

- 100% ownership; permit area of 8,317 km²

Eastern Gobi Permit

- 100% ownership; permit area 9,691 km²

Baruun Naran Permit

- 66% ownership; JV with MMC
- Success at BNG-1 and BNG-2

Sizeable coal deposits and CBM potential within known coal basins



2U Gross Prospective Resources (Tcf)

TTCBM	BNG	Shivee Gobi	Eastern Gobi
1.0 ²	0.1 ³	2.0 ⁴	3.4 ⁴

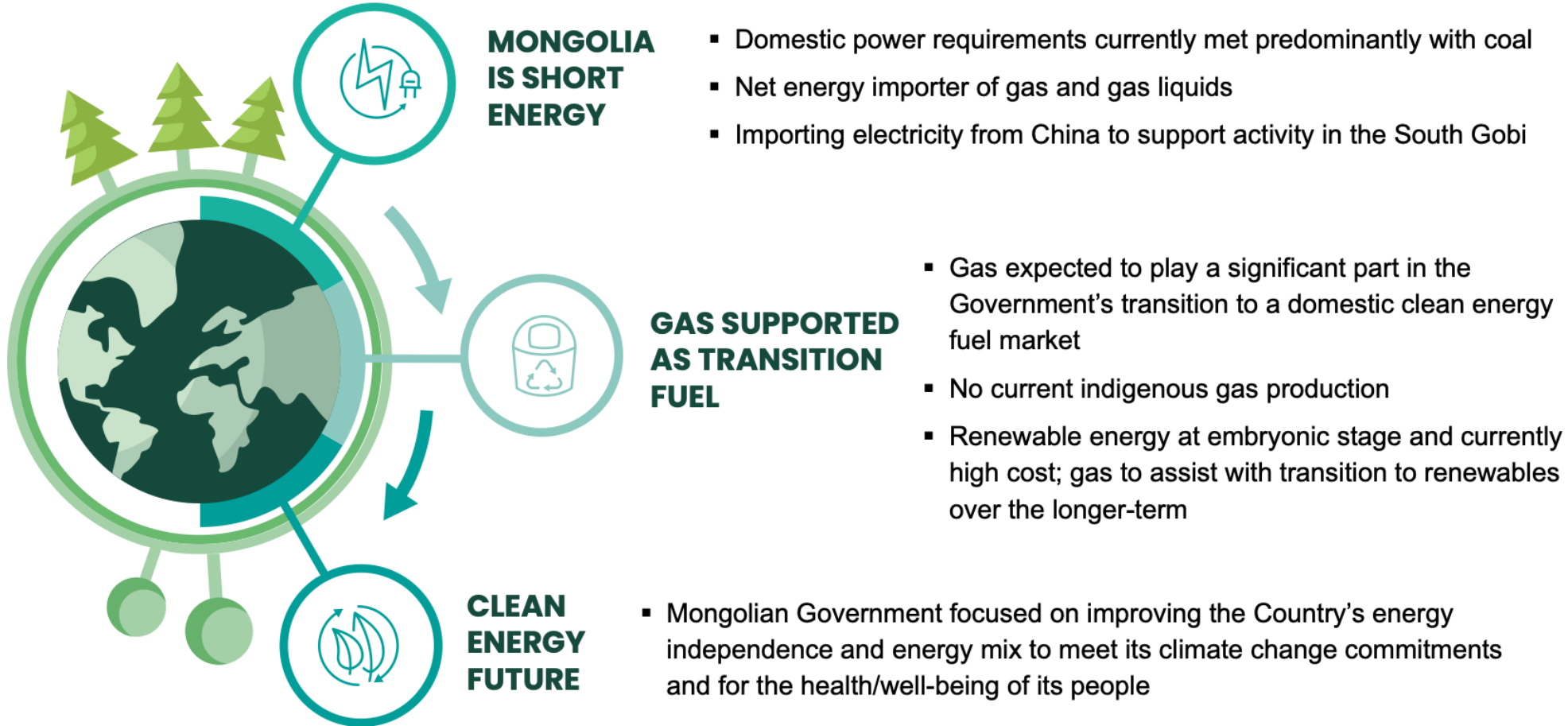
1. Refer ASX release dated 23 August 2022

2. Refer RISC 2021 independent evaluation report in Prospectus dated 14 July 2021. The Prospective Resource has not been adjusted for the Red Lake Contingent Resource booking nor the exploration drilling in the east of the TTCBM Project permit

3. Refer Jade Prospectus 30 September 2021 for further details (Figure 12: Prospective Resource Range (Gross) estimated by RISC)

4. Refer ASX release dated 28 April 2022

Mongolia is Ready for a New Domestic Energy Industry



Huge Energy Need on our Doorstep

More than 500MW of future power demand within 200km of TTCBM Project

- Positive ongoing discussions with mining operations close by
- MOU's signed with:



XANADU MINES

- Mongolia's largest importer of LNG, currently supplying customers in UB
- Provider of gas-powered generator equipment (up to 50MW)
- Developer of Tier 1 copper-gold Kharmagtai deposit in the South Gobi

- Additional opportunities in CNG/LNG for transport sector being progressed
- Small distance to market due to grid proximity



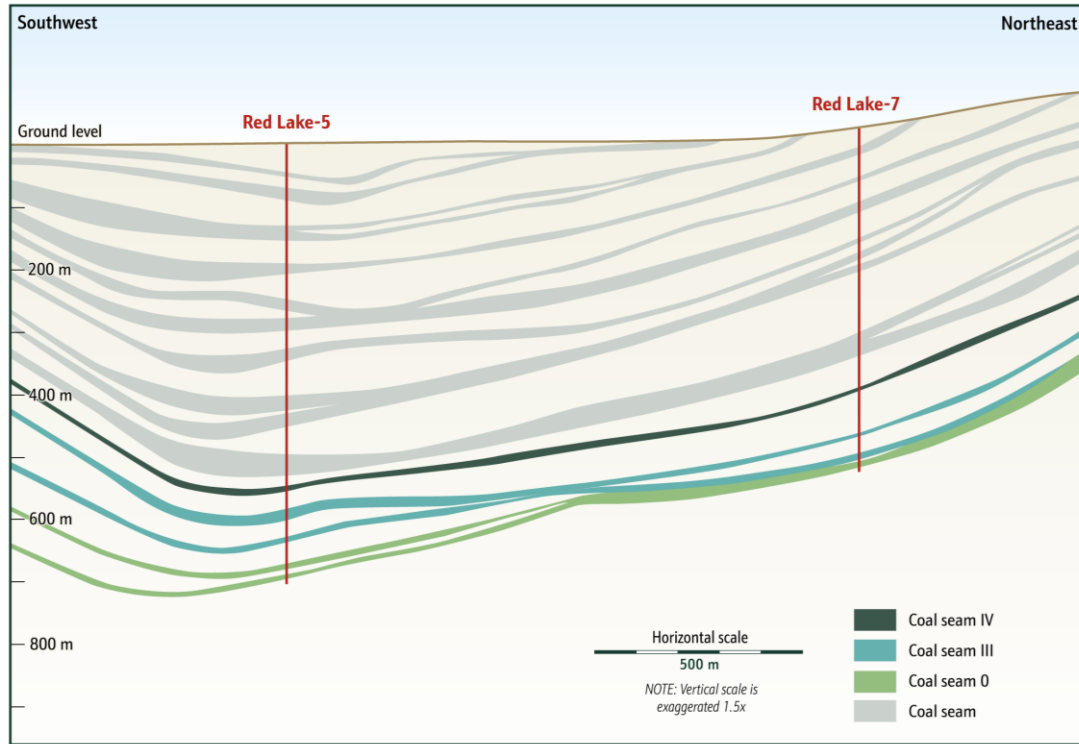
\$10.7 million strategic placement to UB Metan LLC

UBM estimates it will need in the order of 400,000 tonnes of LNG per annum

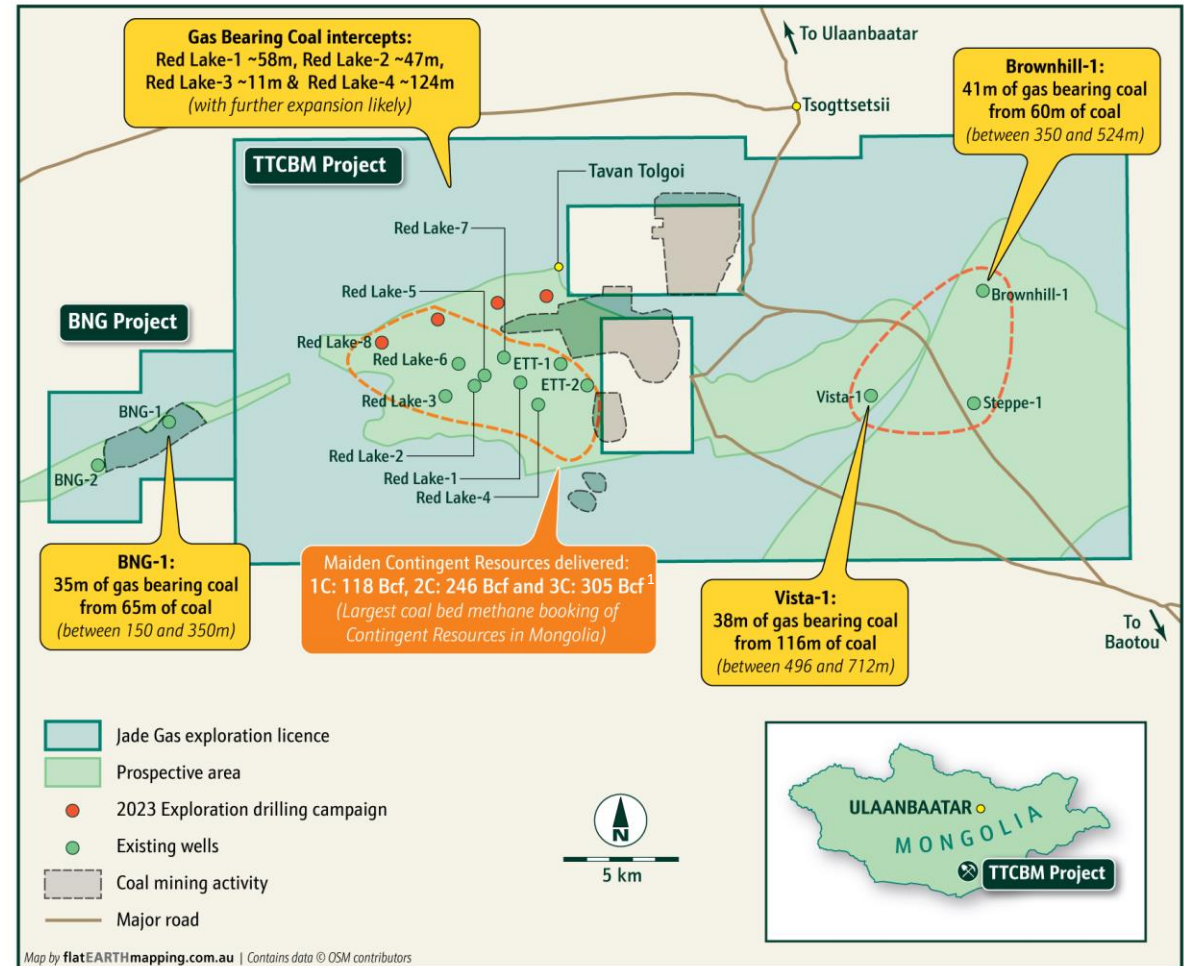
- Strategic Placement of 178.6 million shares to UBM raising A\$10.7 million (before costs)
- Placement proceeds to be primarily used for Pilot Production to deliver first gas
- UBM is Mongolia's largest importer of gas and will become a 19.9% shareholder
- The issue price of A\$0.06 per share represents a:
 - 27.7% premium to the last closing price of JGH shares on 9 March 2023 of A\$0.047 per share; and
 - 23.7% premium to the 30-day volume weighted average (VWAP) price of JGH shares.



Outstanding Results to Date



- **Gas content:** 12-18m³/t; **Gassy coals:** Average of 60 metres in Red Lake wells; **Gas composition:** 98% methane in coal seam III and 0, 92.5% methane in coal seam IV
- **Exploration success:** Play fairway now extends over ~45 km

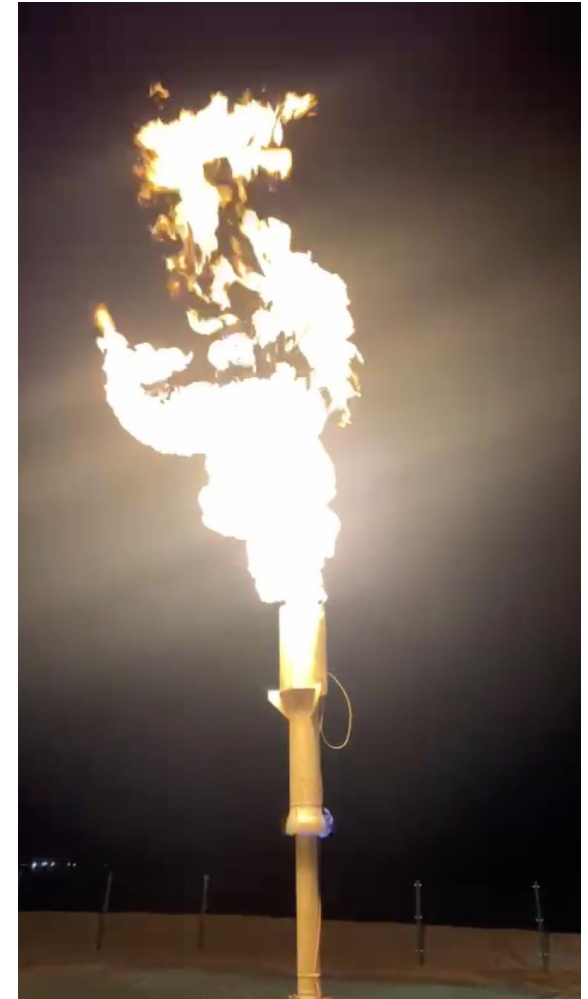


1. Refer ASX release dated 23 August 2022

Extended Testing Commenced

Jade Gas Generates Gas Flare During Extended Testing

- Extended testing of the Red Lake-5 and Red Lake-7 wells has commenced
- Testing expected over a 3-month period
- Important information from the testing will assist the design and drilling of Pilot Production lateral wells later in the year
- Objectives:
 - Confirm stabilised inflow rates to assist in predicting performance of upcoming lateral wells
 - Obtain water samples from the coal seams to ascertain water quality and management requirements
 - Liberate gas from the coal seams to obtain a flowing gas sample for compositional analysis, which is expected to support the high methane contents observed from the coal samples at surface



Exploration Success Provides Pathway to Production

RED LAKE

- Multi well Red Lake drilling campaign has delivered:
- Gross unrisked 2C Contingent Resource of 246 Bcf¹
- Gas content of 12-18m³/t
- Avg 60 metres of gassy coals in Red Lake wells
- Gas composition of 92.5% - 98% methane

EXPLORATION SUCCESS

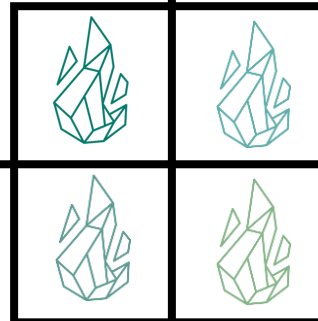
- Gas play across ~45km strike
- TTCBM: Vista-1 and Brownhill-1 extend gas play east
- BNG: BNG-1 and BNG-2 extend gas play west

DOWNSTREAM OPPORTUNITIES

- > 500MW of energy demand within 200km
- Potential to deliver energy requirement consisting of gas baseload, solar, wind and battery
- Three MOU's signed; further partnership discussions advancing post Contingent Resources booking

MULTIPLE CATALYSTS

- Extended Production Testing (Red Lake-5 and -7)
- Encouraging downstream customer discussions progressing
- Expanded exploration program
- Pilot Production testing



¹ Refer ASX release dated 23 August 2022

Summary



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