16 FEB 2021

ASX: TMG

ASX ANNOUNCEMENT

RIU Explorers Conference Presentation

Trigg Mining Limited (**ASX: TMG**) (**Trigg** or **the Company**) is pleased to release a copy of the presentation to be provided by Ms Keren Paterson to delegates at the RIU Explorers Conference in Fremantle, Western Australia commencing at 2:00 pm AWST today.

Investors can register online to watch the presentation via the following link:

https://www.riuexplorersconference.com.au/livestreamregistration.html

This announcement was authorised to be given to ASX by the Board of Directors of Trigg Mining Limited.

Keren Paterson .

Keren Paterson
Managing Director & CEO
Trigg Mining Limited

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RIU Explorers Conference
16 February 2021

Lake Throssell: Australia's new high-grade SOP growth project

Moving rapidly up the value curve at an exciting new Australian potash discovery

Keren Paterson
Managing Director & CEO

TRIGG MINING

ASX : TMG

#mining4farmers

THE TRIGG MINING INVESTMENT PROPOSITION

- A new entrant to WA's rapidly growing potash industry – listed Oct 2019
- Focused on a potential company-making Lake Throssell Sulphate of Potash Project
- Substantial maiden Exploration Target announced
- Large, high-grade discovery with potential to underpin a multi-decade operation
- Extensive air-core drilling program underway and recently expanded
- Maiden Inferred JORC Resource expected Q2 2021
- Economic studies underway
- Potential for integrated production hub with nearby 6Mt Lake Rason SOP Project
- Market cap of $12M – substantial upside with numerous upcoming catalysts

Early morning at Lake Throssell, looking west from the helicopter

TRIGG MINING

16 FEB 2021

ASX: TMG

ASX ANNOUNCEMENT

Significant Initial Exploration Target Highlights Large Scale Potential and High Grade of Lake Throssell Sulphate of Potash Project

Exploration success has enabled a sizeable initial high-grade Exploration Target to be estimated at Lake Throssell, with outstanding growth potential

Lake Throssell Sulphate of Potash Project – *new high-grade discovery*

- Initial JORC compliant Exploration Target defined for the emerging Lake Throssell SOP discovery.
- The Exploration Target covers a strike length of ~70km of the interpreted palaeovalley, within a total strike length of ~112km under tenure, including adjacent tenements under application.
- High grades and multiple potential aquifers encountered throughout the profile, meaning that trenching and deep production bores are possible.
- Additional tenements under application to north and south offer excellent potential to increase the Exploration Target.
- The Exploration Target demonstrates the potential for a significant, multi-decade SOP production centre at Lake Throssell, with significant competitive advantages includin proximity to infrastructure and services.

Trigg Mining Limited (ASX: TMG) (Trigg or the Company) is pleased to announce that it has defined an initial Exploration Target of approximately 7.5 to 27 million tonnes at a grade ranging between 9,000 and 10,000 mg/L SOP equivalent for its 100%-owned Lake Throssell Sulphate of Potash (**SOP**) Project, located from 170km east of Laverton in Western Australia.

The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource. It is uncertain if further exploration will result in the estimation of a Mineral Resource.

The Exploration Target is based on the results of exploration activities undertaken to date on granted tenement E38/3065, encompassing a strike length of ~36km of the interpreted palaeovalley. An

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LAKE THROSSELL SOP PROJECT

Exploration Target – 7.5-27Mt
@ 9,000-10,000 mg/L SOP

Early morning at Lake Throssell, looking east from the helicopter

CORPORATE OVERVIEW

Board of Directors

Managing Director & CEO	Keren Paterson
Non Executive Chairperson	Michael (Mike) Ralston
Non Executive Director	William (Bill) Bent

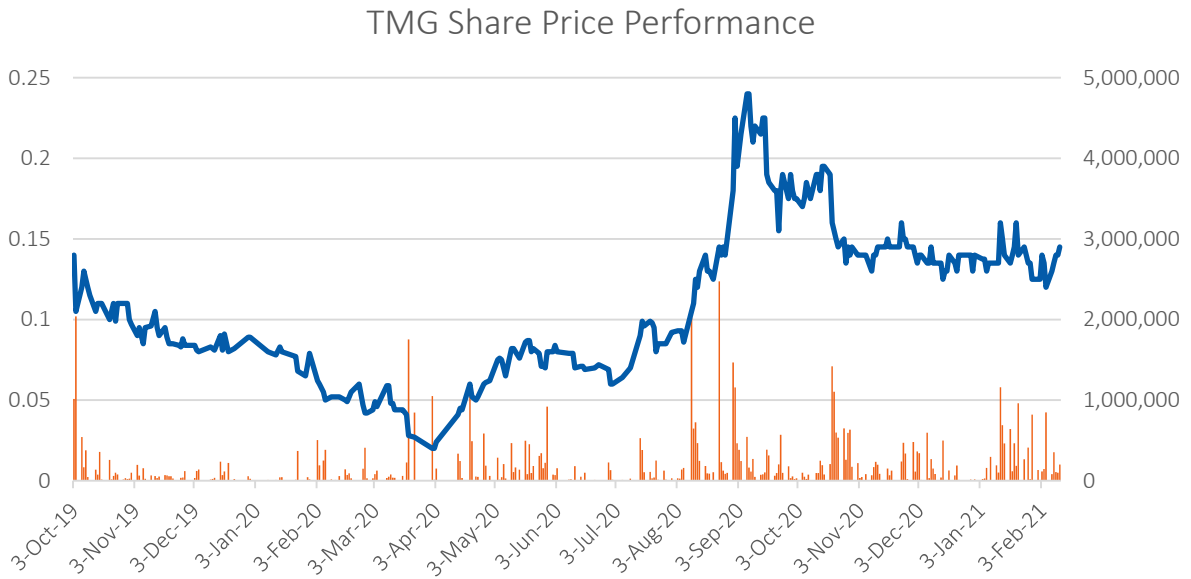
Management Team

Company Secretary	Karen Logan
Study Manager	Chris Williams
Exploration Manager	Jason Cherry

Top 10 Shareholders

Michael Ralston <Ralston Family>		6.6%
Susetta Holdings <Wheeler Family>		3.9%
KP Consulting Group <SSB>		3.6%
Julian Rodney Stephens <One Way>		3.6%
William Bent <Bent Family>		3.6%
Kenneth William Vidler		2.0%
Cajwm <Cajwm Retirement Fund>		1.9%
Silverfox Holdings <Silverfox Family>		1.8%
Keren Paterson		1.9%
Vineeta Parshotam Bathija Daksh Kumar		1.5%
	Total	30.4%

ASX Codes	TMG – Ordinary Shares TMGO & TMGOA– Listed Options
Ordinary Shares (including escrow)	80,004,761
$0.19 listed options (exp 31/10/21)	30,137,500
$0.19 unlisted options (exp 31/10/21)	3,000,000
$0.24 unlisted options (exp 07/01/23)	2,000,000
$0.25 listed options (exp 31/10/22)	10,950,326
Vendor Performance Rights	4,235,626
Share Price (12/02/21)	$0.145
Market Capitalisation (undiluted)	$12 million
Cash (31/12/20)	$3.1 million



POSITIONED TO RAPIDLY RESPOND TO GROWING DEMAND FOR HIGH-QUALITY FERTILISERS

100% ownership of two solar Sulphate of Potash Projects

1 **Lake Throssell SOP Project**
Exploration Target of 7.5 – 27Mt @ 9,000-10,000mg/L SOP[1]

2 **Lake Rason SOP Project**
Inferred Mineral Resource of 6Mt SOP[1]

1,585km^2 of strategic tenure located close to energy and transport infrastructure

Over 380km^2 of playa lakes and 175km of palaeochannels – all prospective for SOP mineralization

Experienced and passionate team successful in finding, developing and operating sustainable mines in Western Australia

Total Drainable Mineral Resources (TDMR): ASX announcements - Australian Potash (02/11/2020), SO4 Limited (11/10/2019), Kalium Lakes (23/10/2020) and Trigg Mining (02/03/2020). All figures are rounded

1. See Competent Person Statement

WHY SULPHATE OF POTASH?

WHAT IS SULPHATE OF POTASH (SOP)?

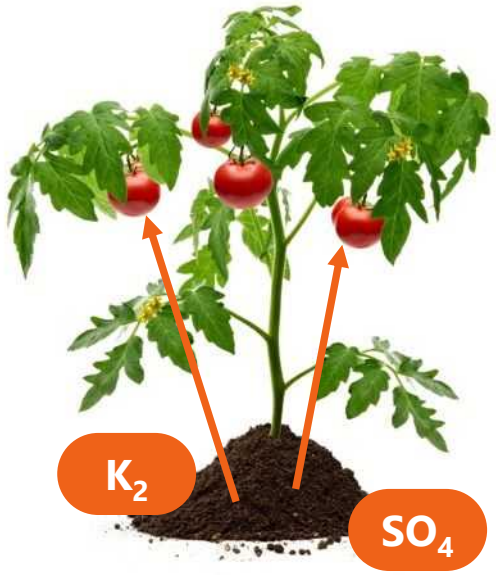
SOP (Potassium Sulphate, K_2SO_4) is an essential fertiliser for high-value, chloride sensitive crops such as fruit, vegetables, avocados, coffee beans, grapes, tree nuts, cocoa, anything grown under glass and in arid and acidic soils.

POTASSIUM	(K_2)

- Essential for all living things
- Promotes resistance to disease, drought and frost
- Improves quality, taste and appearance
- Required in large quantities for proper plant growth and optimal crop yields

SULPHATE (SO_4)	SULPHUR + OXYGEN

- Necessary for the formation of chlorophyll and plant proteins
- Increases crop yields and produce quality



Vs. MURIATE OF POTASH (MOP)	Muriate of Potash (Potassium Chloride) is a cheaper, more abundant source of potash, BUT it contains almost 50% chloride which is detrimental to chloride-sensitive crops and arid soils. It also contains no sulphur.

STEADY DEMAND GROWTH DRIVEN BY GLOBAL MEGA TRENDS

World Population ↑ 1.1% pa growth to reach 8.6 billion in 2030

+

Arable Land ↓ Reduced by more than one third in the 40 years to 2015

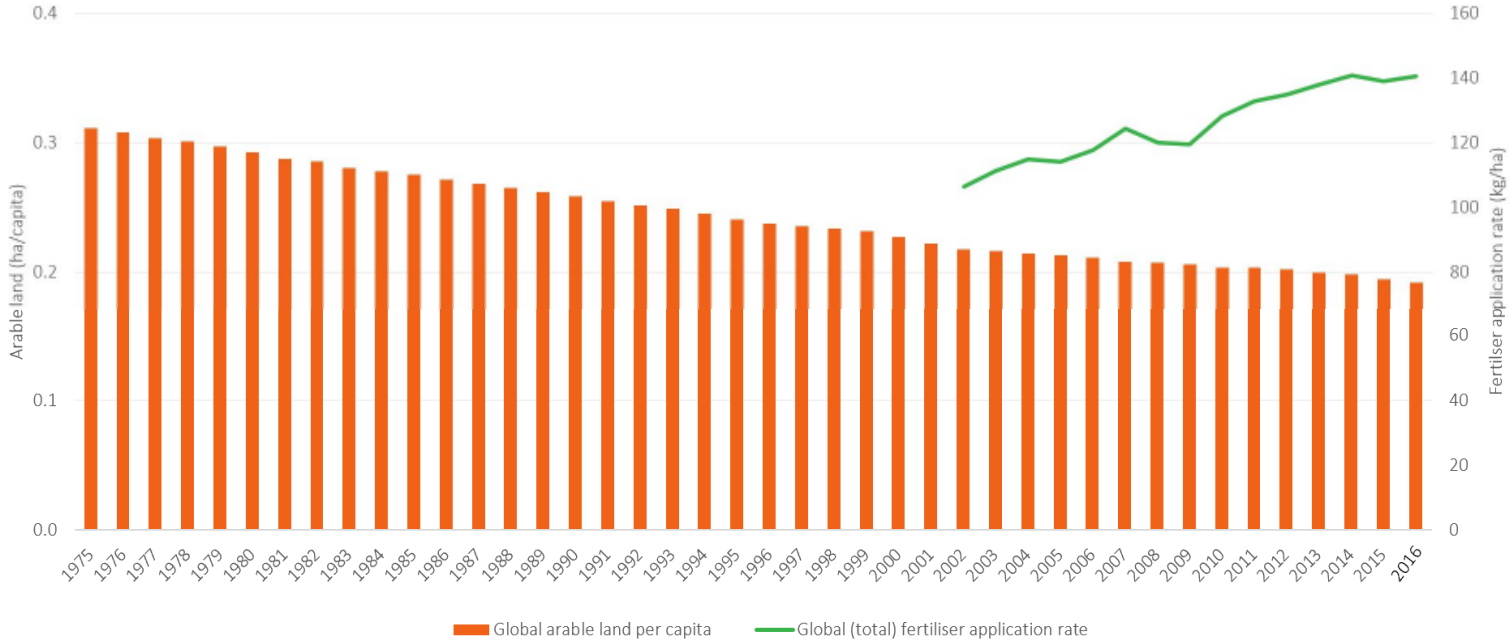
+

Fertiliser Application ↑ Increased by more than 30% in the past 15 years

=

Global SOP Demand ↑ 7 Mt expanding at 3% pa

Global arable land and fertiliser application rates

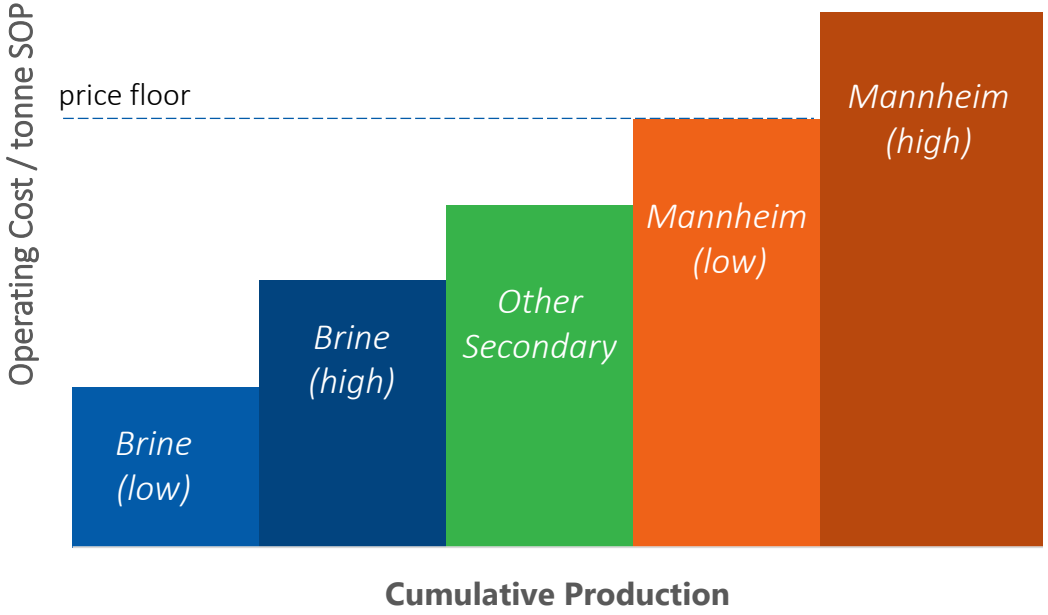


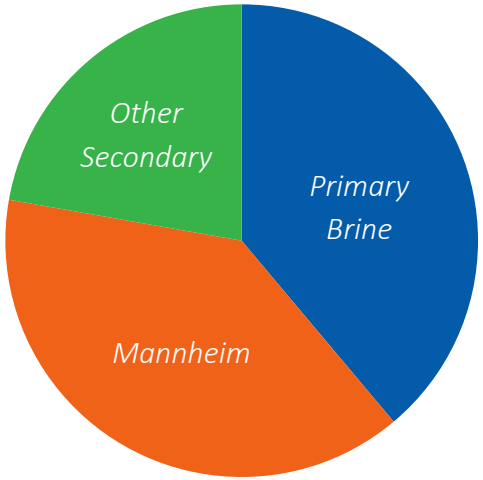
Sources: *United Nations, World Bank CRU*

BRINE SOP – LOWEST COST PRODUCTION

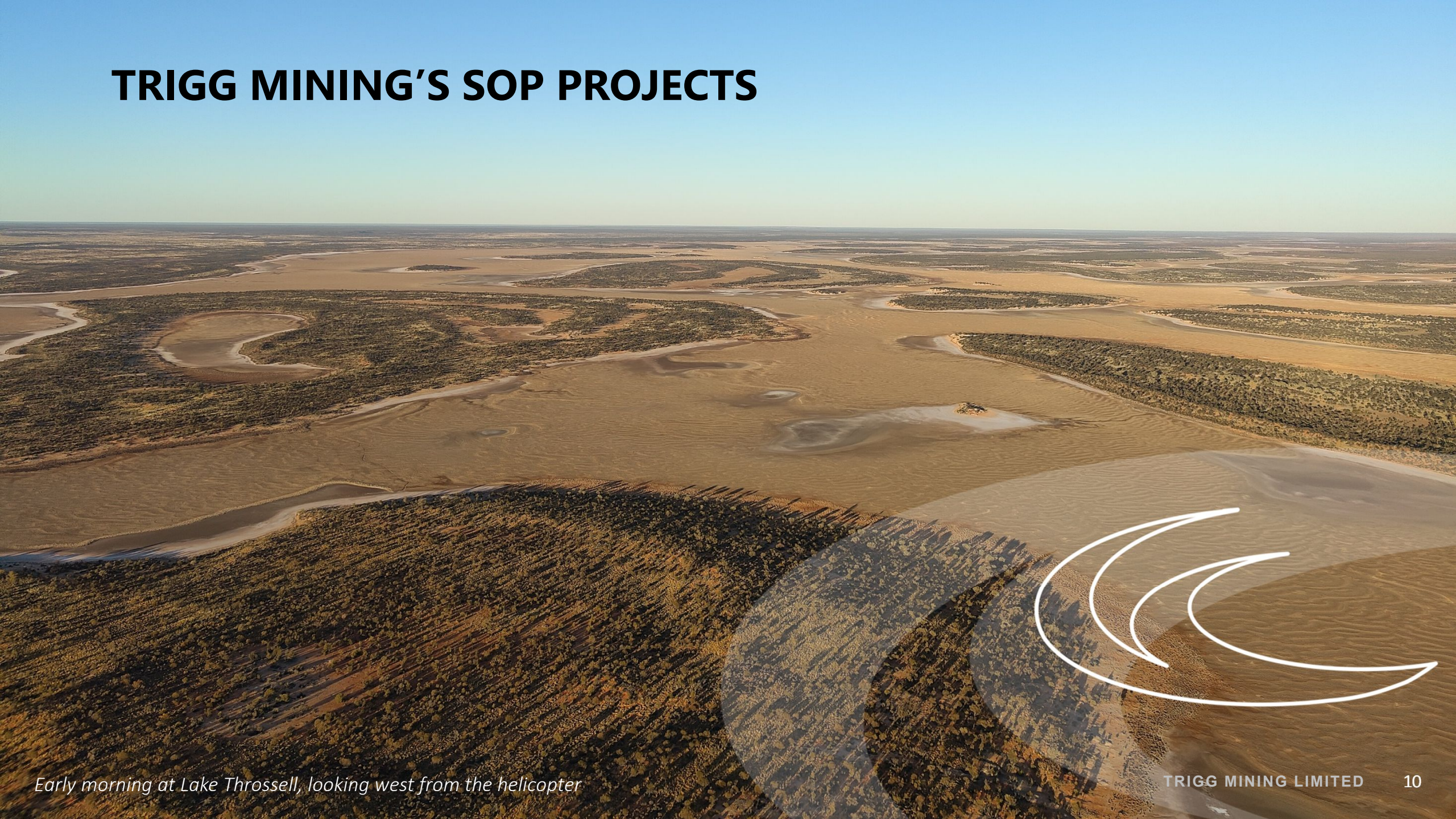
- Primary production of SOP, from brine, is the lowest cost source of SOP but there is insufficient resources available to meet global demand of ~7Mtpa.
- The Mannheim Process is required to meet demand. The process heats MOP with sulphuric acid to around 800°C, producing hydrochloric acid as a waste product.
- As both methods are needed to meet global demand the Mannheim Process creates an industry price floor well-above the cost of brine sources.

With the natural endowment of the minerals dissolved in brine and the ability to harvest solar evaporation to produce SOP, brine producers are generally low-cost producers



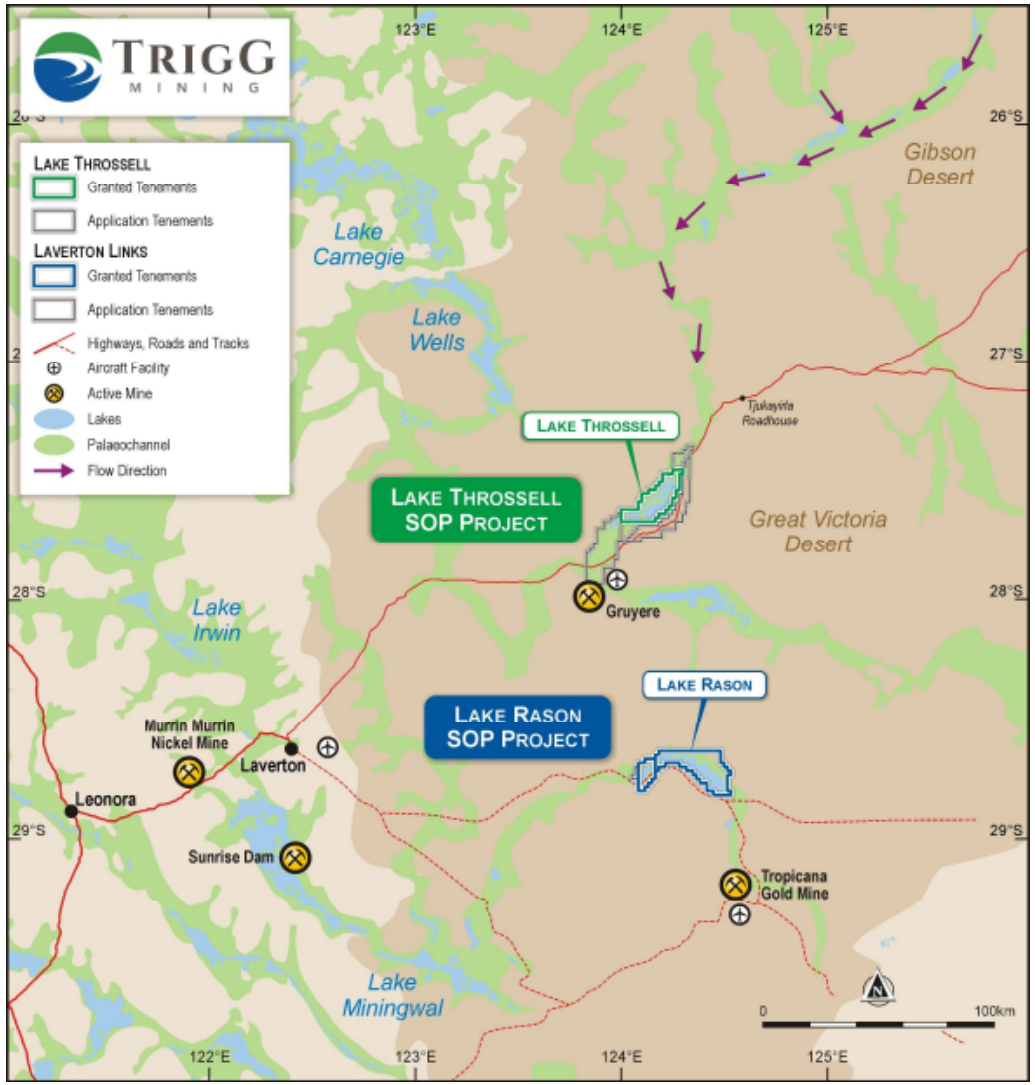


TRIGG MINING'S SOP PROJECTS



Early morning at Lake Throssell, looking west from the helicopter

GEOLOGY / HYDROGEOLOGY



The projects lie near the terminus of extensive palaeovalley catchment areas (ancient river valleys) which extend for over 500km and are underlain by potassium-bearing source rocks (granites, sandstones and salt diapirs).

Brine solutions carrying potassium mineralisation have been concentrating in the palaeovalleys and salt lakes (evaporite systems) for millions of years.


Lake Throssell

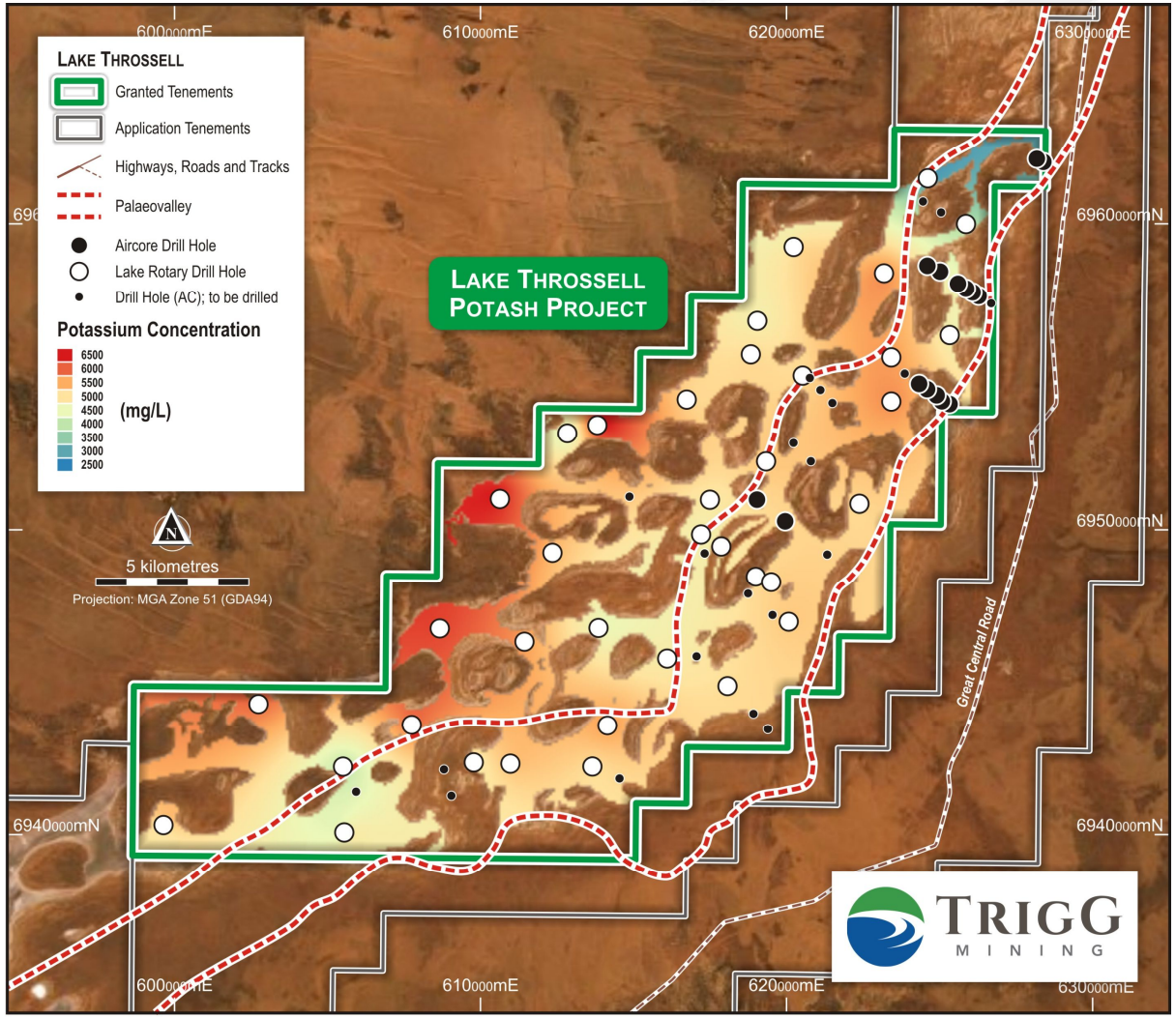
LAKE THROSSELL SULPHATE OF POTASH PROJECT

A high-grade sulphate of potash discovery

HIGHLIGHTS OF RECENT EXPLORATION

- 1,085km^2 of tenure and ~112km of interpreted palaeovalley extent
- Highest grade so far – 6,660mg/L K or 14,800 mg/L SOP equivalent

➢ Lake Throssell is a high-grade SOP discovery

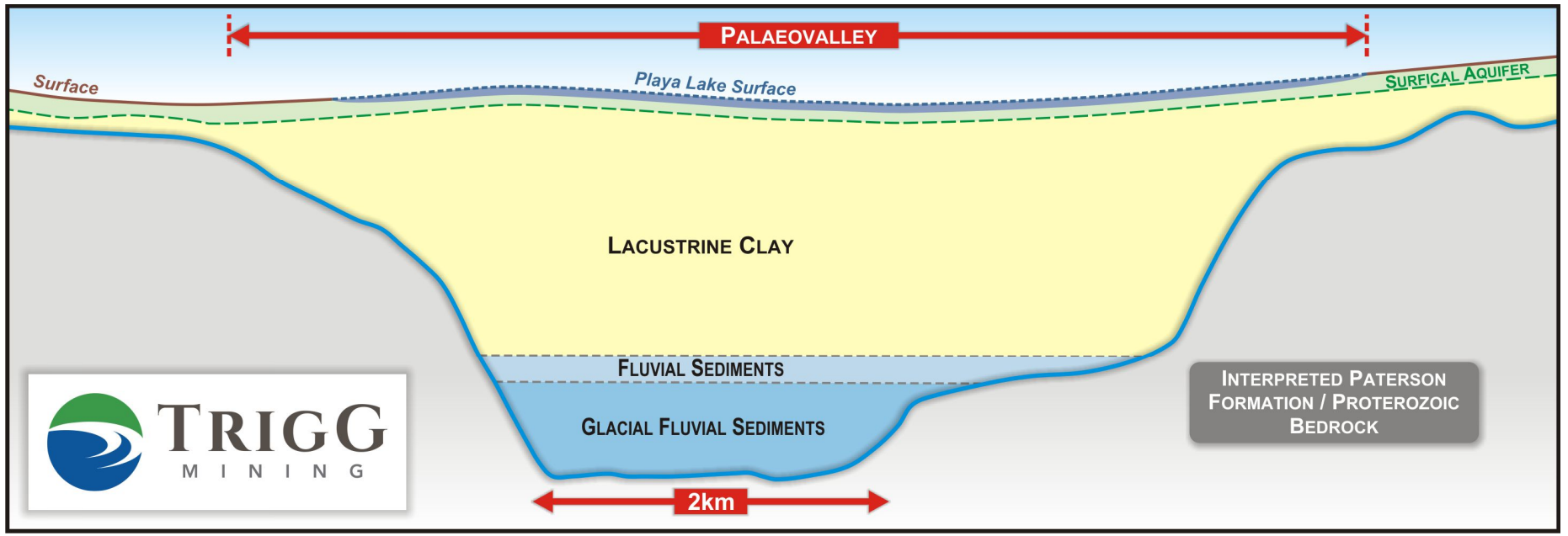


LAKE THROSSELL SULPHATE OF POTASH PROJECT

Exploration Target Highlights Large Scale Potential

HIGHLIGHTS

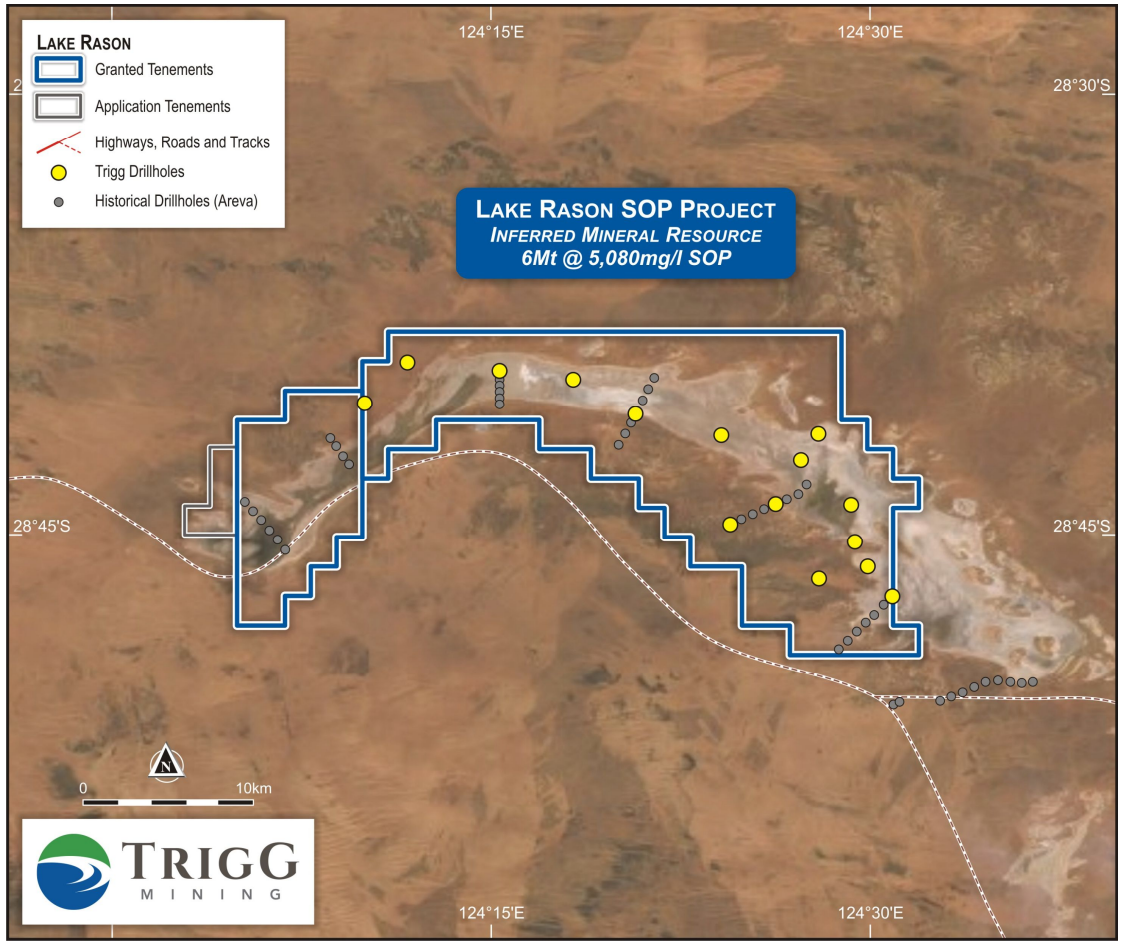
- Exploration Target of 7.5 – 27Mt @ 9,000-10,000mg/L SOP equivalent
  - A large, high-grade SOP project adjacent to infrastructure
    - ➢ With genuine potential to become a long-life, low-cost, multi-decade primary source of SOP
  - Further potential to expand with 70km of the 112km of interpreted palaeovalley in the Exploration Target
- Air-core drilling program underway and extended to ~50 holes, completion expected end of February
    - ➢ Maiden Inferred Resource – next Q2 2021



LAKE RASON SULPHATE OF POTASH PROJECT

Potential satellite project

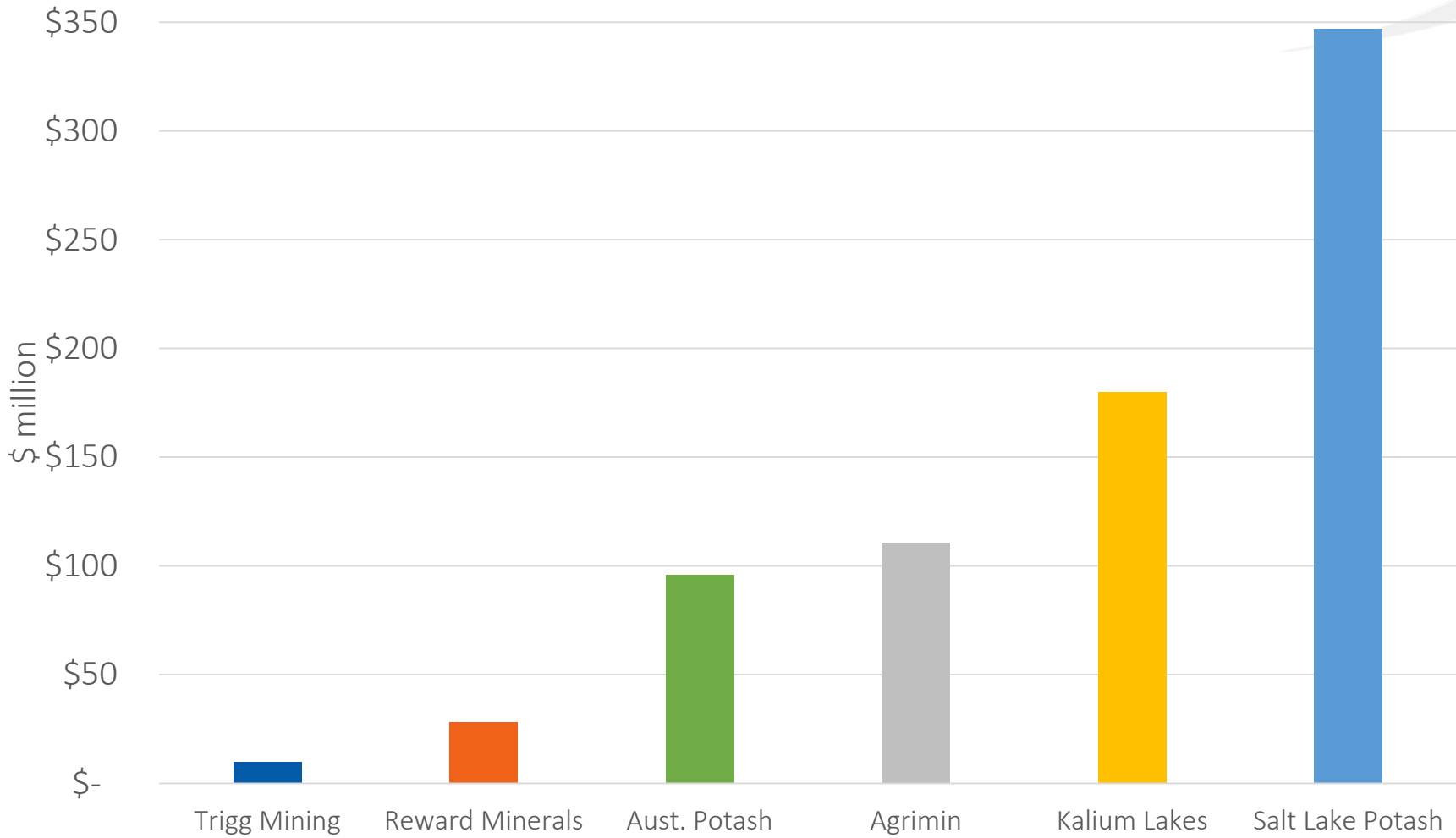
- The Lake Rason Project covers 500km² including 194km² of playa lake and 64km of interpreted palaeovalley
- Inferred Mineral Resource of 6Mt @ 5,080 mg/L SOP[1]
- Potential to increase volume and grade to the west within the newly granted tenement, with the westernmost hole drilled (LRTAC001) returning results of up to 6,645 mg/L SOP



1 See Competent Person's Statement

MARKET CAPITALISATION OF AUSTRALIAN SOP COMPANIES

Trigg Mining – a ground floor investment opportunity in an exciting new Australian growth industry



Based on share prices as at 12/02/2021

WHY INVEST IN TRIGG MINING?

TRIGG MINING

ASX : TMG

- Low-risk jurisdiction – Western Australia
- Strategic landholding – 100% rights to 1,585km^2 of tenure
- Lake Throssell – A rapidly evolving large, high-grade discovery with real potential to become a long-life, low cost primary source of SOP
- Well supported by infrastructure – roads, rail, airports and gas pipelines
- Lake Rason – 6Mt Inferred Mineral Resource with potential to expand to the west
- Strong global market and demand fundamentals driven by global mega trends
- Highly leveraged to growth
- A motivated and experienced team, driven to deliver value for shareholders

DISCLOSURES AND DISCLAIMERS

Cautionary Statement

This presentation (Presentation) is for informational purposes only and is not a prospectus, disclosure document or offer document under the Corporations Act 2001 (Cth) (Corporations Act) or any other law. This Presentation does not constitute, and is not to be construed as, an offer to issue or sell, or a solicitation of an offer or an invitation to subscribe for, buy or sell securities in Trigg Mining Limited ACN 168 269 752 (TMG).

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Forward Looking Statements

This Presentation contains 'forward-looking information' that is based on TMG's expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to prefeasibility and definitive feasibility studies, TMG's business strategy, plans, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral reserves and resources, results of exploration and related expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as 'outlook', 'anticipate', 'project', 'target', 'potential', 'likely', 'believe', 'estimate', 'expect', 'intend', 'may', 'would', 'could', 'should', 'scheduled', 'will', 'plan', 'forecast', 'evolve' and similar expressions. Persons reading this Presentation are cautioned that such statements are only predictions, and that TMG's actual future results or performance may be materially different. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause TMG's actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information. Forward-looking information is developed based on assumptions about such risks, uncertainties and other factors set out herein, including but not limited to the risk factors set out in Section 5 of the prospectus dated 17 September 2020. A copy of the prospectus may be viewed online at www.triggmining.com.au

Competent Person Statement

For information referring to the exploration results in this document, refer to announcements dated, 02/03/20, 16/02/21. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources, Exploration Target or Ore Reserves that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements; and that the information in the announcement relating to exploration results is based upon, and fairly represents the information and supporting documentation prepared by the named Competent Persons.

TRIGG MINING

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APPENDIX – LAKE RASON INFERRED MINERAL RESOURCE

Aquifer Type	Volume (10^6 m^3)	Total Porosity (-)	Brine Volume (10^6 m^3)	Specific Yield (-)	Drainable Brine Volume (10^6 m^3)	K Grade (mg/L)	SO_4 Grade (mg/L)	SOP Grade (mg/L)	Drainable Brine SOP Mass (Mt)	Total Brine SOP Mass (Mt)
Surficial	3,060	0.40	1220	0.10	306	2,290	21,400	5,100	**1.56**	6.23
Crete	5,020	0.38	1910	0.07	351	2,330	20,900	5,200	**1.83**	9.91
Mixed	230	0.30	70	0.10	23	2,390	21,900	5,320	**0.12**	0.36
Basal Sand	1,020	0.30	310	0.21	214	2,390	22,600	5,330	**1.14**	1.63
Saprolite	2,800	0.20	560	0.03	84	2,210	21,000	4,920	**0.41**	2.76
Saprock	9,310	0.10	930	0.02	186	2,050	21,000	4,570	**0.85**	4.25
Total Inferred Mineral Resource	**21,400**		**4,990**		**1,160**	**2,280**	**21,400**	**5,080**	**5.91**	**25.2**

Note: errors may be present due to rounding. Approximately 1.2Mt of Drainable SOP Mass is present in Exploration License Application E38/3437.

Total porosity and total brine SOP mass is provided to compare the total SOP tonnes with the drainable Mineral Resource. As can be seen, the total brine volume is significantly higher than reporting drainable brine volumes. For economic production, the drainable brine volume is the most important volume because only a small proportion of brine present of the total porosity following removal of drainable porosity can be typically abstracted through diffusional processes during recharge of the lake surface.

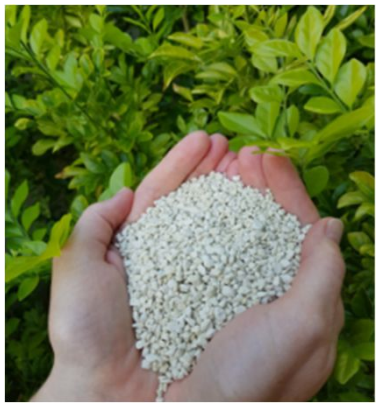
APPENDIX – SOP EVAPORATION PROCESS

PUMPING FROM TRENCHES AND BORES

SOLAR EVAPORATION

HARVESTING

PURIFICATION



SOP FERTILISER