



ASX ANNOUNCEMENT

21 August 2020

AMEC Investor Briefing Investor Presentation

Trigg Mining Limited (ASX: TMG) (Trigg or the Company) is pleased to release a copy of the presentation to be provided by Keren Paterson, Managing Director, as part of the *Association of Mining and Exploration Companies (AMEC)* Investor Briefing commencing at 9:00am (AWST)/ 11:00am (AEST) on Saturday, 22 August 2020 in Perth, Western Australia.

Investors or shareholders who would like to attend this event **in-person** or **online** can register by following the link below:

<https://www.eventbrite.com.au/e/amec-investor-briefing-22-august-2020-tickets-111931674652>

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

Authorised by:

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Managing Director
Trigg Mining Limited

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AMEC INVESTOR BRIEFING
22 AUGUST 2020

***The new
Sulphate of Potash
growth story on the ASX***

Trigg Mining –
exploring and developing
the Lake Throssell SOP Project
in Western Australia

Keren Paterson
Managing Director & CEO



OUR MISSION

We're helping to secure the world's most nutritious food sources by exploring and developing long-life, low-cost, primary sources of organic Sulphate of Potash (SOP).



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

100% ownership of two solar Sulphate of Potash projects located near Laverton in Western Australia:

1

Lake Throssell SOP Project
High-grade results of up to 14,800mg/L SOP

2

Lake Rason SOP Project
Inferred Mineral Resource of 6Mt SOP¹

1,500km² of strategic tenure- close to energy and transport infrastructure

Over 380km² of playa lakes and 140km of paleochannels - **all prospective for SOP mineralization**

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

¹: See Competent Person Statement.



Total Drainable Mineral Resources (TDMR): ASX announcements - Australian Potash (05/08/2019), Salt Lake Potash (11/10/2019), Kalium Lakes (01/07/2020) and Trigg Mining (02/03/2020). All figures are rounded.



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

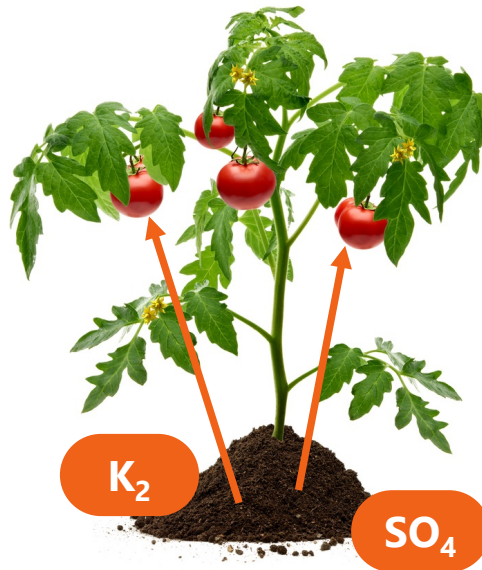
(K_2)

- › 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

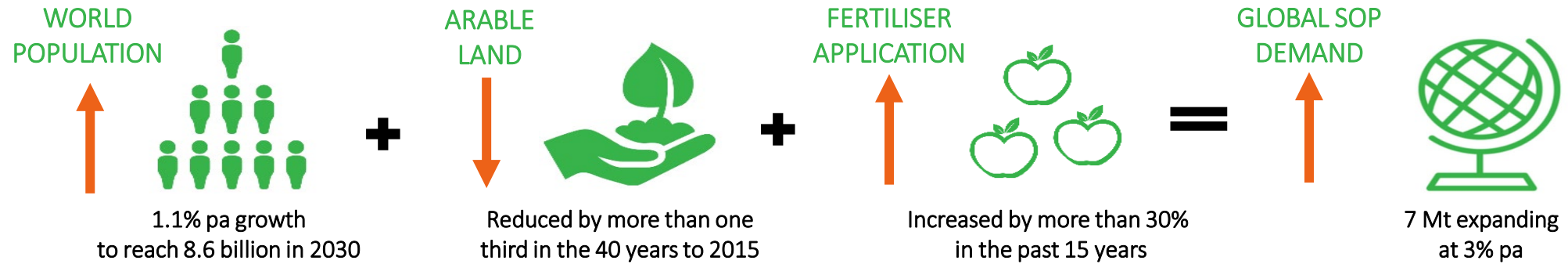


Vs. MURIATE OF POTASH (MOP)

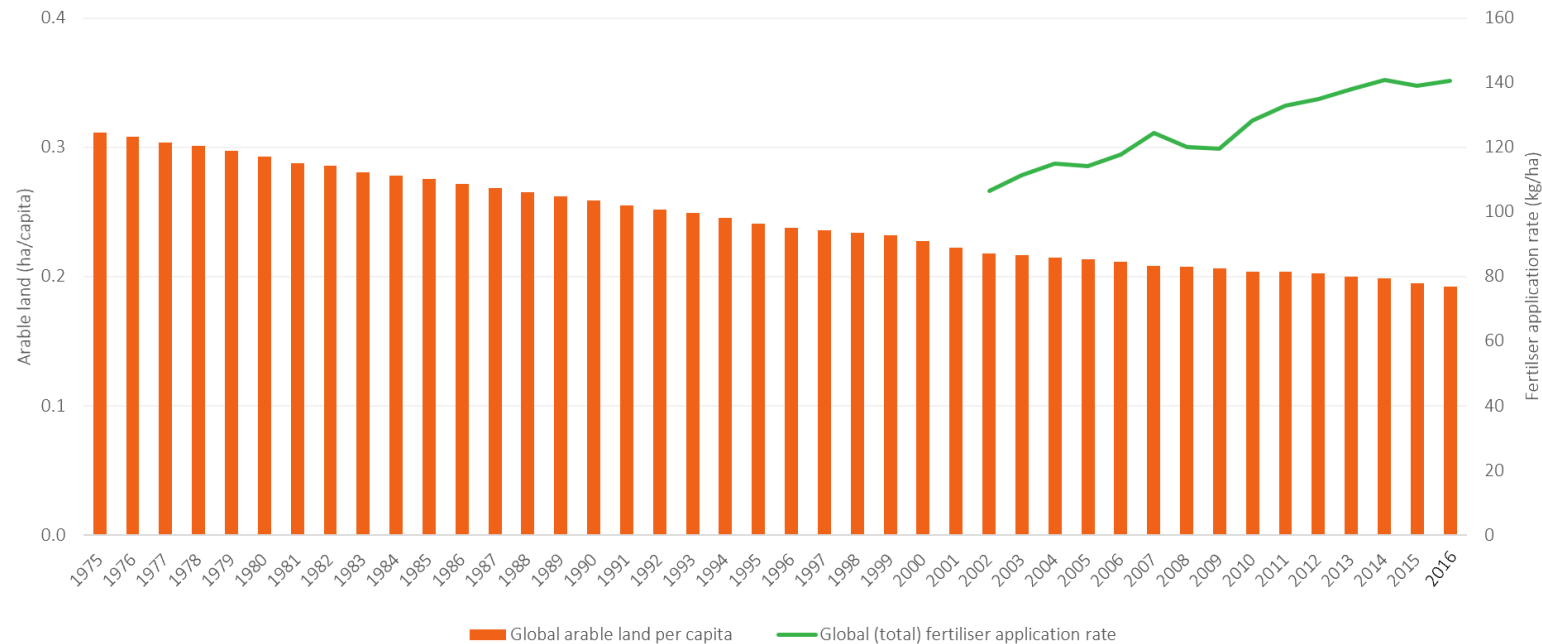
Muriate of Potash (Potassium Chloride) is a cheaper, more abundant source of potash, BUT it contains almost 50% chloride which is detrimental to chloride-sensitive crops and arid soils. It also contains no sulphur.



STEADY DEMAND GROWTH DRIVEN BY MEGA TRENDS



Global arable land and fertiliser application rates

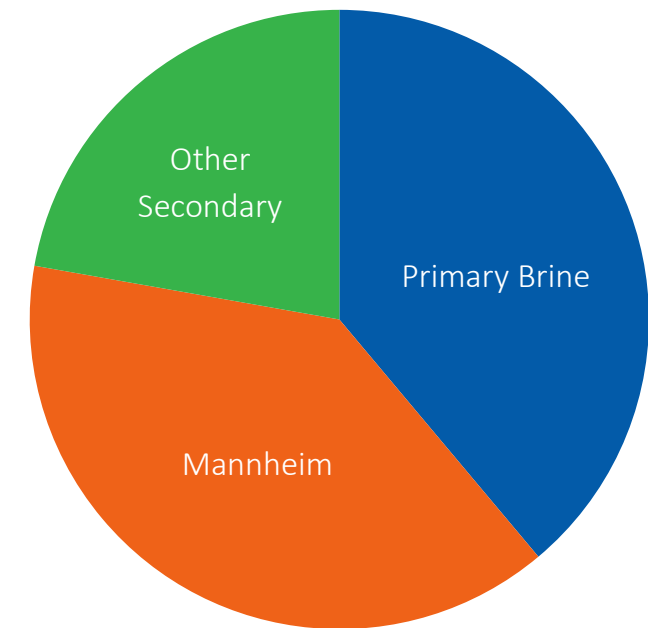
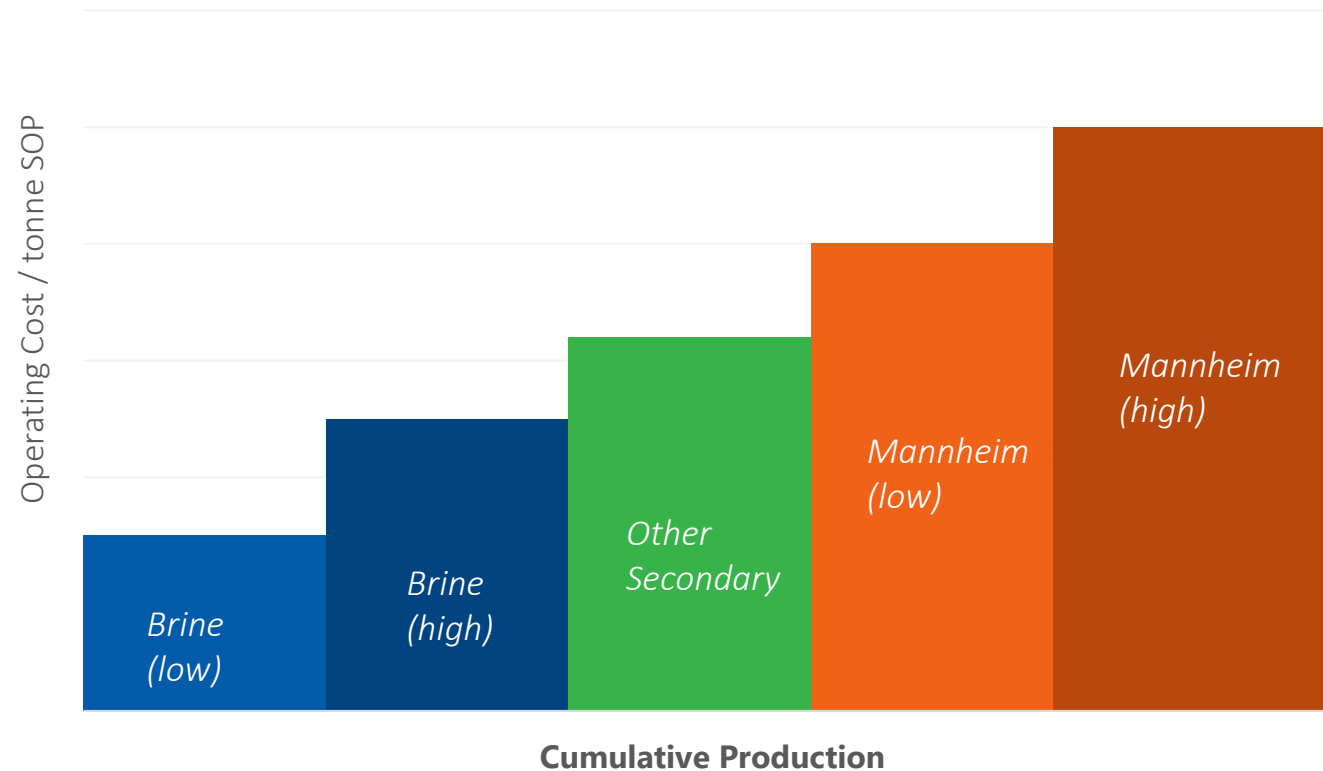


Sources: United Nations, World Bank CRU



BRINE SOP – LOWEST COST PRODUCTION

Primary production of SOP from naturally occurring brines is the lowest cost source of SOP but is unable to meet global demand of ~7Mtpa. The Mannheim Process is an energy intensive chemical process producing hydrochloric acid as a waste product, but is needed to meet global demand, creating an industry price floor well-above the cost of brine sources.



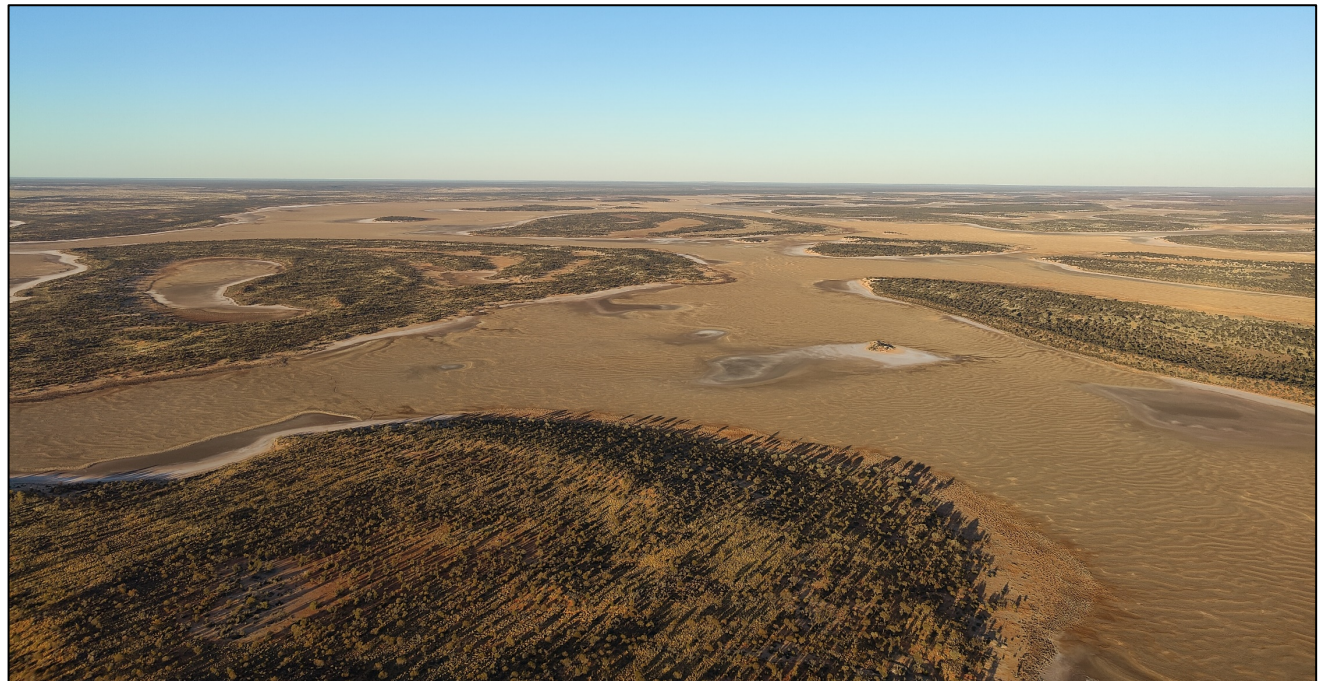
PROJECT GEOLOGY / HYDROGEOLOGY

The Lake Throssell and Laverton Links SOP Projects are located near the terminus of major palaeovalley catchments underlain by high potassium source rocks.



The two Projects lie near the terminus of extensive palaeo-valley 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 palaeochannels and salt lakes (evaporite systems) for millions of years.

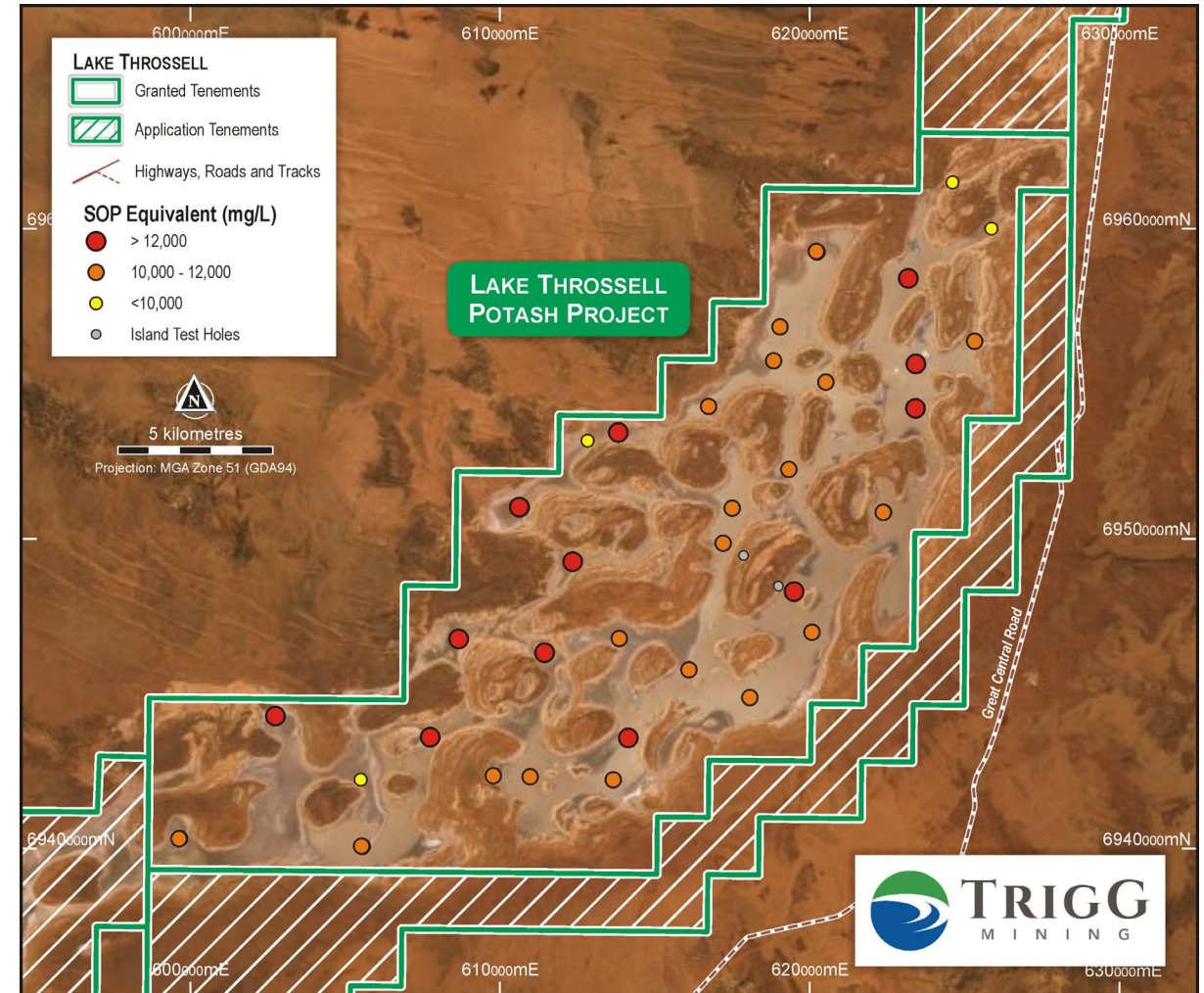


LAKE THROSSELL SULPHATE OF POTASH PROJECT

A High-Grade Sulphate of Potash Discovery

HIGHLIGHTS OF RECENT EXPLORATION

- Highest grade so far - 14,800 mg/L SOP
- Recent 26-hole rotary drilling program drilled to a depth of up to 10m returned **average grade of 11,300mg/L SOP**
- 90% of all holes drilled to date returning grades exceeding 10,000mg/L SOP



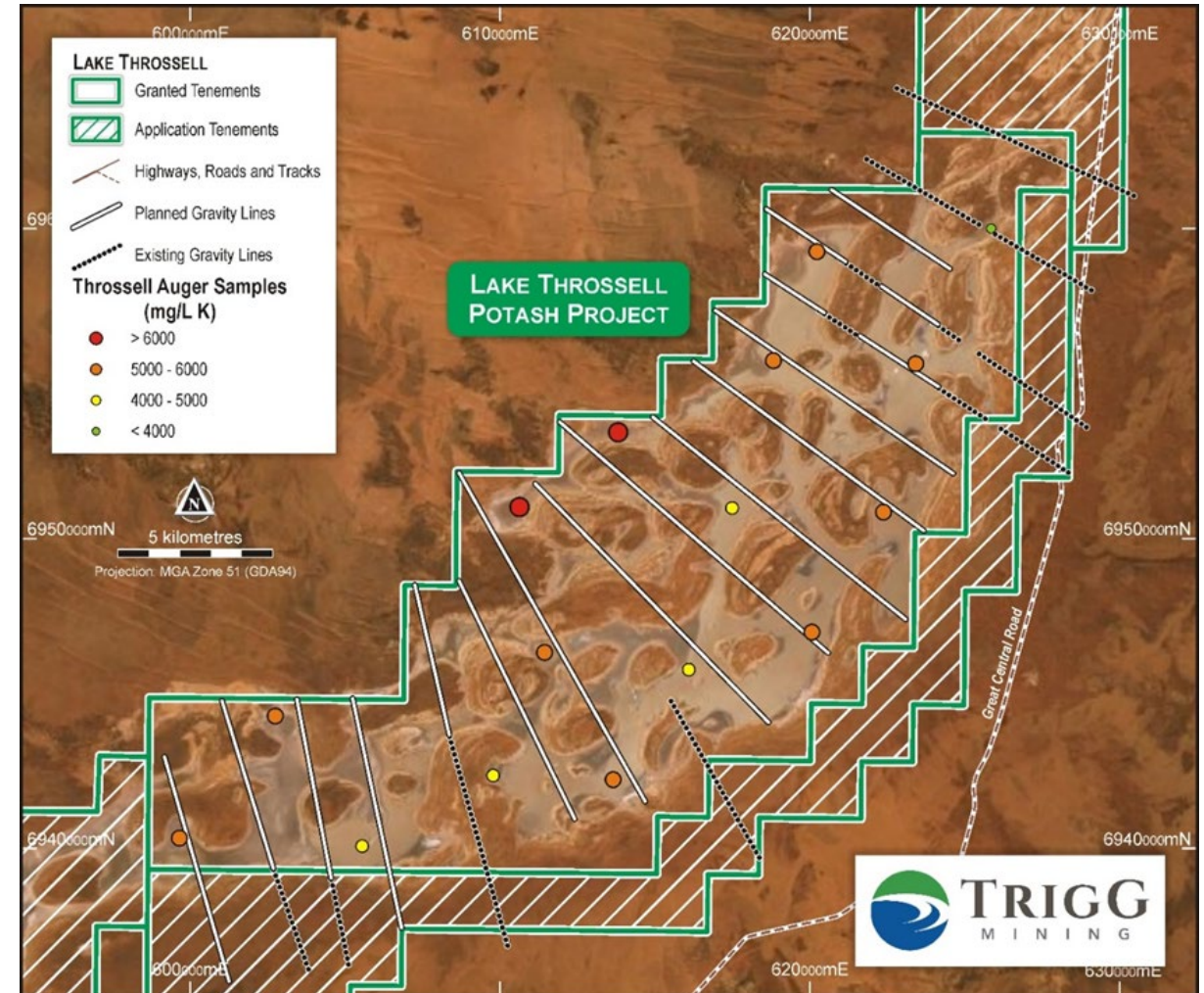
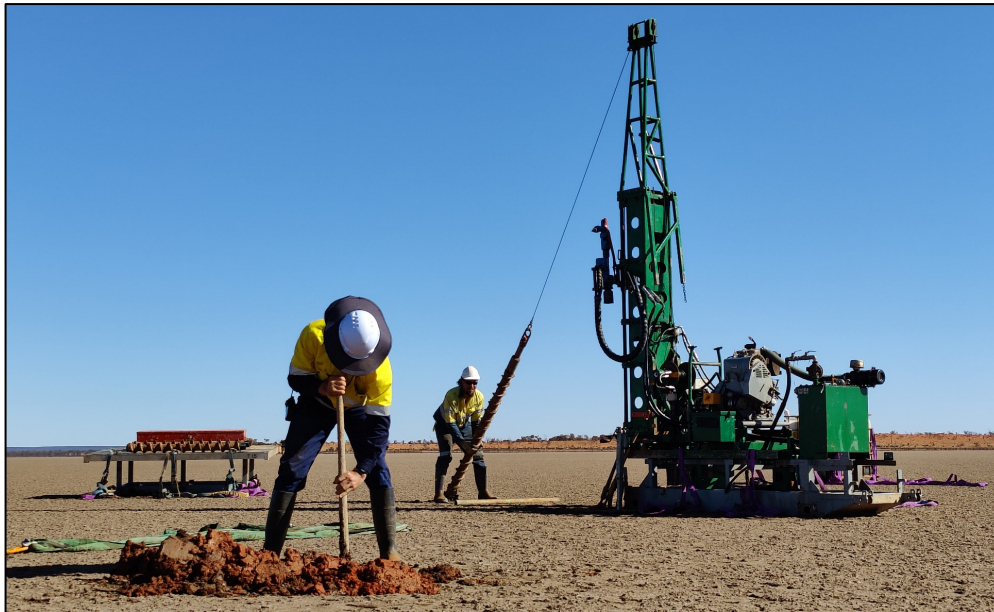
LAKE THROSSELL SULPHATE OF POTASH PROJECT

A High-Grade Sulphate of Potash Discovery

GRAVITY CONFIRMS PALAEOVALLEY TARGETS

- Initial ground gravity survey in March 2020 - several interpreted palaeovalley positions, targeting the basal aquifer
- July 2020 in-fill gravity being analysed - will refine drill-hole targets for the air-core program planned later this Quarter¹

These channels have strong potential to host large-scale SOP endowment



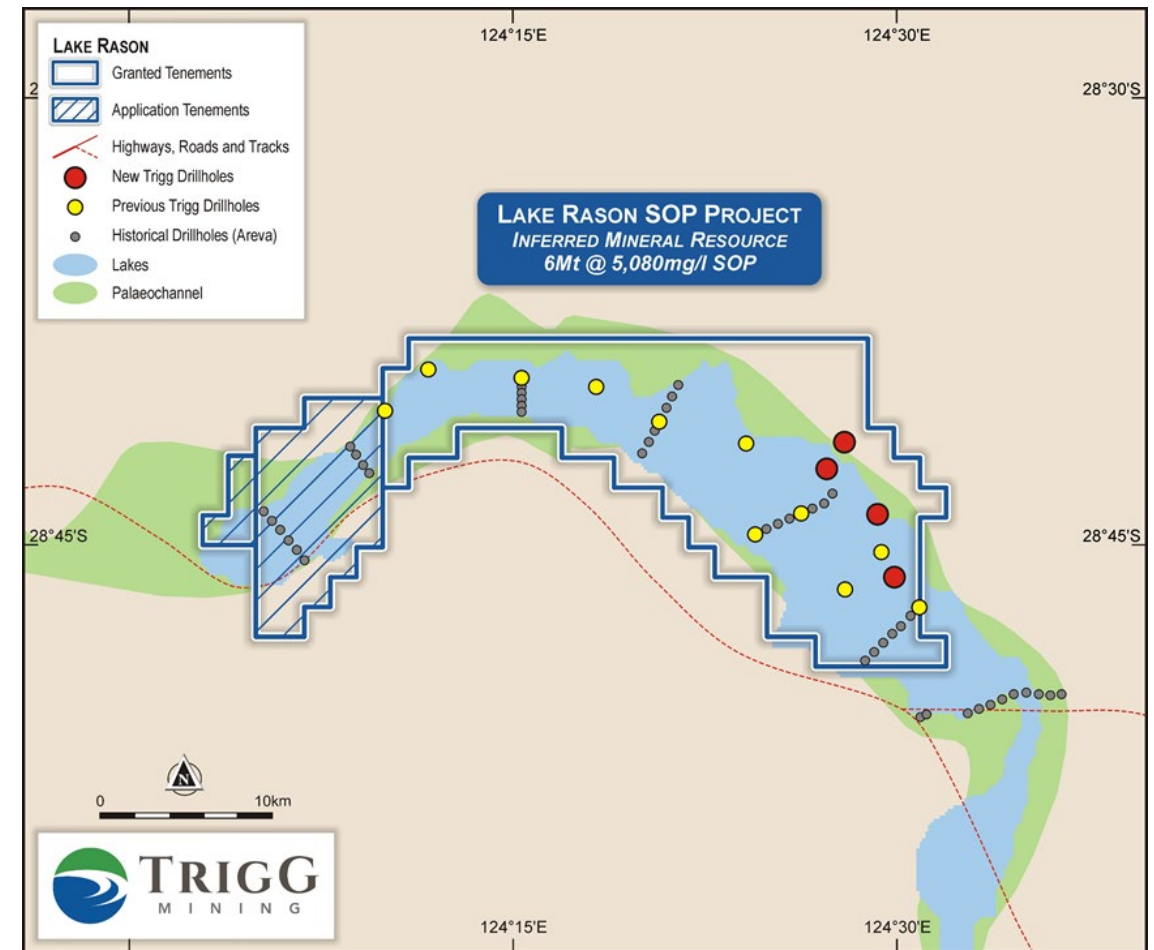
1. Subject to final approvals

LAKE RASON SULPHATE OF POTASH PROJECT

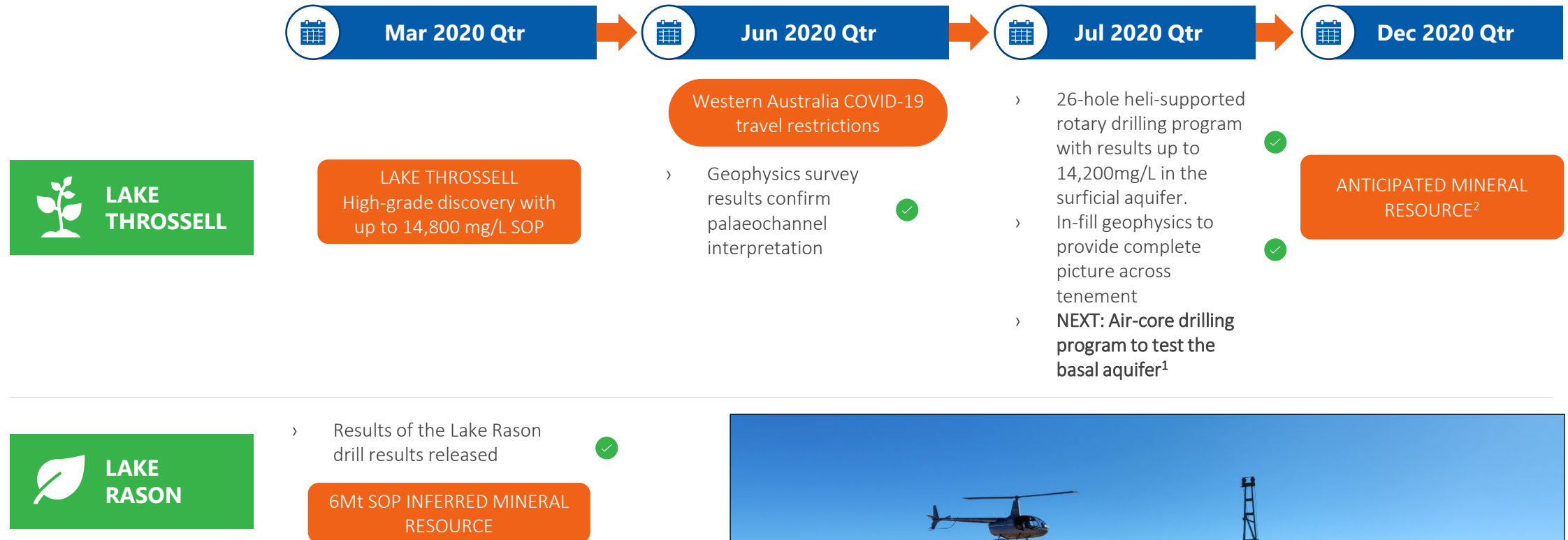
The Lake Rason Project covers 500km² including 194km² of playa lake and 64km of interpreted palaeochannel.

POTENTIAL SATELLITE PROJECT

- Inferred Mineral Resource of **6Mt @ 5,080 mg/L SOP**¹
- Potential to increase volume and grade to the west within new tenement applications, with the westernmost hole (LRTAC001) returning results of up to 6,645 mg/L SOP



RAPID PROJECT ADVANCEMENT



1. Pending drill availability and final approvals
2. Pending drill results
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TRIGG MINING LIMITED (ASX:TMG)

BOARD OF DIRECTORS AND EXECUTIVE LEADERSHIP



Keren Paterson
Managing Director & CEO

BEng (Mining) MBA AdvDipCorpGov FAusIMM MAICD
WA First Class Mine Manager
A recognised mining industry leader with +20 years' international experience spanning the mining value chain - from green-fields exploration through to mine development, operations management, M&A and mining services.



Mike Ralston
Non-Executive Chairperson

BComm ACMA
Experienced mining executive, company director and former managing director of an ASX listed resource company, experienced in corporate management and finance.



Bill Bent
Non-Executive Director

BSc (Chem Eng) MBA
Experienced corporate advisor, chemical engineer and former managing director of an ASX listed resources company.



Karen Logan
Company Secretary

BCom Grad DipAppCorpGov FCIS FGIA FFin GAICD
Chartered Company Secretary with extensive compliance, capital raising, M&A and IPO experience.



Neil Inwood
Technical Manager

Bsc (Geol), PGradDip(Hydro), MSc(Geol), FAusIMM
+25 years international experience in mining, exploration geology, project management and review.



Jason Cherry
Exploration Manager

MSc, BSc, MAIG
+15 years international experience leading exploration programs in potash, uranium, gold and base metals with significant experience exploring palaeochannel systems.

CAPITAL STRUCTURE

Fully Paid Ordinary Shares

Quoted 40,200,000

Escrowed 17,787,500

Total Fully Paid Ordinary Shares 57,987,500

Share Price (20/08/20) \$0.13

Cash (30/06/20) \$1.8 million

Market Capitalisation \$7.5 million

20c Options (listed & unlisted) 30,137,500

25c Options (unlisted) 2,000,000

Performance Rights vesting on significant milestones 4,235,626

Shareholders

Directors and Management 20%

WHY INVEST IN TRIGG MINING?

- ✓ Strong global market and demand fundamentals driven by global mega trends
- ✓ Low-risk jurisdiction – Western Australia
- ✓ Strategic landholding – 100% rights to 1500km² of tenure across two Solar SOP Projects
- ✓ Well supported by infrastructure – roads, rail, airports and two gas pipelines
- ✓ Lake Throssell – A rapidly growing **high-grade discovery**
- ✓ Lake Rason – **6Mt Inferred Mineral Resource** with potential to expand to the west
- ✓ 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 13 of the prospectus dated 24 April 2019. 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 the prospectus and announcements dated 16/12/2019, 29/01/20, 02/03/20, 26/03/20 and 10/08/2020. 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.

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
Mixed	5,020	0.38	1910	0.07	351	2,330	20,900	5,200	1.83	9.91
Crete	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

A globally proven method, harvesting the natural power of the sun to produce SOP.



Pumping from Trenches
and Bores



Solar Evaporation



SOP Fertiliser



Purification



Harvesting



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