QUARTERLY ACTIVITIES REPORT 30 January 2020

Quarterly Activities Report for the period ended 31 December 2019

Lake Throssell Sulphate of Potash Project

- A heritage clearance successfully completed with the Ngaanyatjarra traditional owners over Lake Throssell.
- Inaugural hand auger brine sampling program completed with **high grades up to 6,600 mg/l K (equivalent to 14,800 mg/l sulphate of potash (SOP**)) encountered with an average grade of 5,296 mg/l K (equivalent to 11,800 mg/l SOP) across 18 samples collected.
- An additional two tenement applications submitted at the Lake Throssell SOP Project, **more than doubling the project area to 752 km^2 and extending the potential strike length to 100 km** of the prospective palaeochannel under tenure.
- Planning is underway for the 2020 field program.

Laverton Links Sulphate of Potash Project

- A ground gravity survey was completed to assist with defining palaeochannel margins and aquifer targeting.
- An aircore drilling program of 26 holes for 1,880 m was completed across the Project.
- The Lake Rason Prospect area increased to 499 km^2, securing the vast majority of the Lake Rason playa with potential to enhance the anticipated Mineral Resource estimate underway.

Corporate

- Successful completion of $4.5 million Initial Public Offer and listing on the ASX**.**
- Agreement to purchase 100% of E38/3437 covering the majority of the western portion of Lake Rason, not yet held by Trigg Mining.

Trigg Mining Limited (ASX: TMG) (Trigg or **the Company)** provides the following update on activities during the December 2019 Quarter – a period which saw Trigg Mining admitted to the official list of the Australian Securities Exchange **(ASX)** and commence field exploration activities at the highly prospective Lake Throssell and Laverton Links Sulphate of Potash Projects.

Trigg Mining's Managing Director, Keren Paterson commented, *"It has been a significant quarter for Trigg, having completed the $4.5 million IPO, ASX listing and actively exploring across the Company's Sulphate of Potash Projects including geophysics surveys, a heritage clearance survey, pit sampling and aircore drilling. The results of the programs will allow Trigg to rationalise the large tenure at Laverton Links and focus exploration on the high-grade Lake Throssell SOP Project where the inaugural pit sampling results indicated free-flowing high-grade brines with assay results of up to 14,800 mg/l SOP.*

Following the announcement of the Laverton Links air core drilling program, a Mineral Resource estimate is underway for the Lake Rason Prospect and planning has commenced for the inaugural drilling program at the exciting high-grade Lake Throssell SOP Project.

Lake Throssell Sulphate of Potash Project

(E38/3065, E38/3458 and E38/3459)

The Lake Throssell SOP Project is 180 km east of Laverton, Western Australia and is situated nearby established transport and energy infrastructure (Figure 1). The Project lies adjacent to the Great Central Road which connects Laverton through to the Northern Territory and Queensland and approximately 20 km from Gold Road's Gruyere Gold Mine, airstrip and the terminus of the Yamarna Gas Pipeline. The Project comprises one granted tenement and two applications covering 752 km^2 and encompasses the highly prospective Lake Throssell playa lake and underlying palaeochannel for more than 100 km in strike length.

During the Quarter a heritage clearance survey was carried out with the traditional owners, the Ngaanyatjarra, and this was immediately followed by the inaugural hand auger brine sampling program to assess the tenor of brine within the surface aquitard (Figures 2 and 3). A total of 35 brine samples and duplicates were collected at 16 sites across the project area from a depth of up to 2 metres, with **free-flowing brines** documented at each sample site. Assay results (Figure 2) revealed **high grades of up to 6,600 mg/L K (equivalent to 14,800 mg/l SOP)** with an average grade of 5,296 mg/L K (equivalent to 11,800 mg/l SOP) (Table 1). The brine chemistry also suggests favourable characteristics for solar evaporative concentration and low levels of waste salts, with a low overall Na:K ratio of 15.5:1 and high SO_4 concentration.

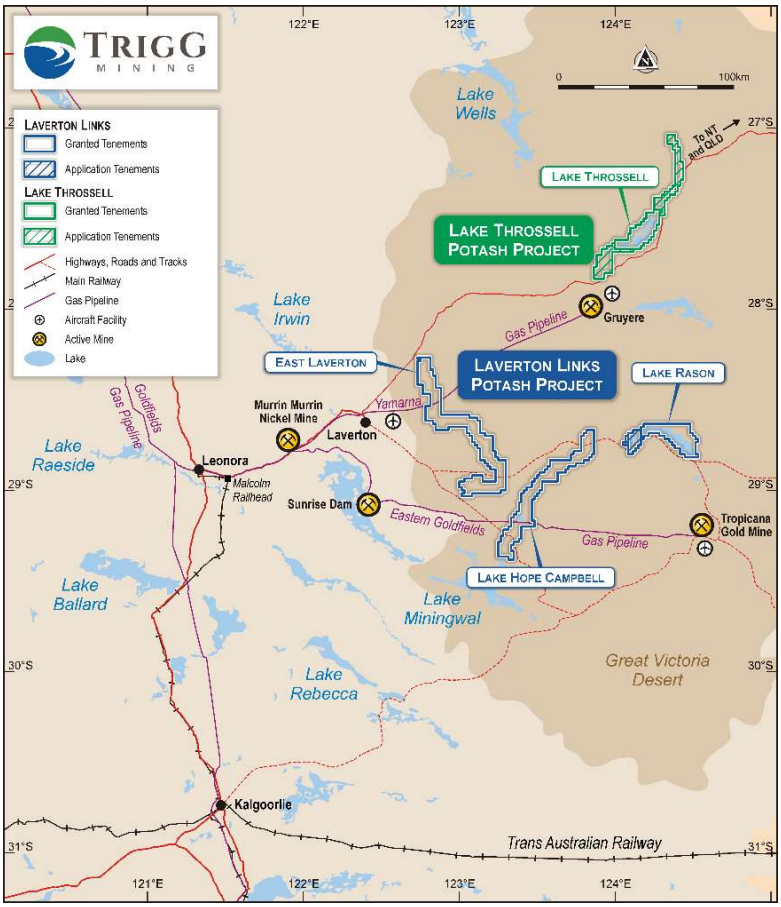

Figure 1: Location of Trigg Mining's Sulphate of Potash Projects showing established infrastructure and Project Locations

With such strong indication of the potential for mineralisation across the Lake Throssell area, the Company applied for two additional tenements during the Quarter along the interpreted underlying palaeochannel to the north and south, securing the Lake Throssell palaeo-system. Together these tenements cover an additional 434 km^2 of potential SOP mineralisation (Figure 2), taking the Lake Throssell SOP Project area to 752 km^2.

Planning is now underway for the next phase of exploration at Lake Throssell SOP Project, including:

- Further sampling of the surface aquitard;
- Aircore drilling to define the nature and tenor of basal aquifers hosted within the palaeochannel; and
- Establishing a JORC Compliant Mineral Resource.

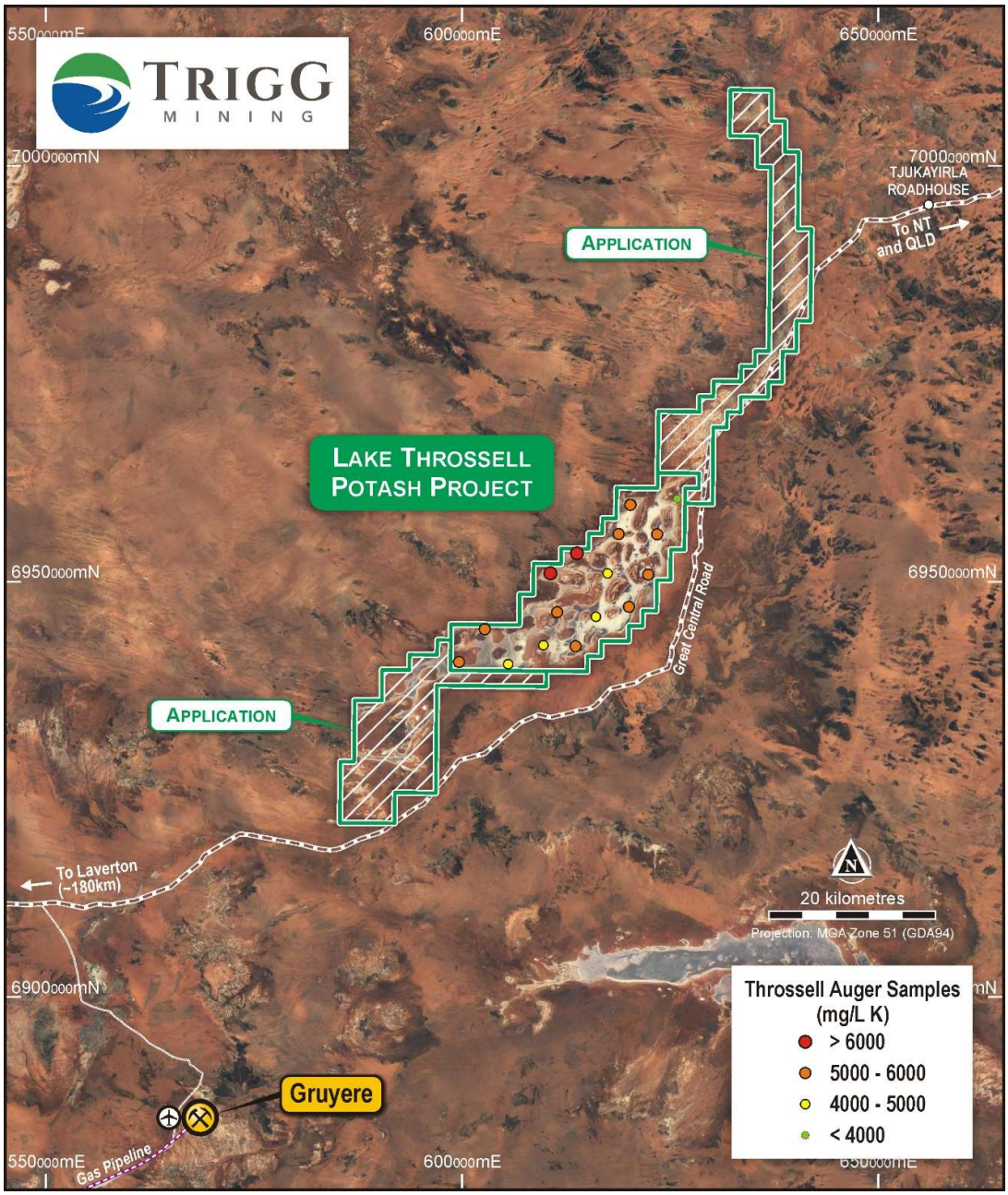

Figure 2: The Lake Throssell SOP Project Location
and potassium assay results of the inaugural brine sampling program

Figure 3: Hand auger brine sampling at Lake Throssell

Table 1: Lake Throssell Hand-auger Locations (MGA51 Z51)

Site ID	Easting	Northing	RL (m)	Water level (cm below surface)	Hole depth (cm)	K (mg/l)	SOP Equiv. [1] (K_2SO_4 mg/L)	Mg (mg/l)	Cl (mg/L)	Na (mg/l)	SO_4 (mg/l)	TDS (mg/l)
LT001	625864	6959997	364	70	120	3,840	8,55l	5,440	94,250	57,600	13,700	187,000
LT002	620233	6959250	365	30	110	5,120	11,407	9,750	145,650	85,800	25,000	284,000
LT003	618832	6955734	366	50	120	5,090	11,341	6,740	122,550	75,900	20,600	237,000
LT004	623424	6,955635	363	33	120	5,610	12,499	7,830	143,900	88,500	20,900	276,000
LT005	622383	6950849	364	32	110	5,150	11,474	6,510	136,400	82,700	18,000	256,000
LT006	617496	6950979	365	39	120	4,910	10,939	4,920	115,400	69,900	15,300	220,000
LT007	610629	6951011	363	36	110	6,580	14,660	7,180	133,600	81,000	23,900	259,000
LT008	620071	6946977	369	38	120	5,240	11,675	8,250	149,000	89,100	20,300	280,000
LT009	616099	6945768	368	39	120	4,820	10,739	5,910	125,550	78,200	18,800	235,000
LT010	611438	6946320	371	39	120	5,600	12,477	6,740	145,850	89,500	20,300	272,000
LT011	613656	6942220	365	38	120	5,040	11,229	8,170	141,300	84,900	21,700	269,000
LT012	609780	6942352	369	81	110	4,840	10,784	7,420	133,750	84,400	23,000	263,000
LT013	605549	6940072	371	51	120	4,880	10,873	7,220	118,550	72,100	20,500	231,000
LT014	599651	6940332	374	50	100	5,370	11,964	12,100	160,350	92,900	30,300	317,000
LT015	602745	6944274	370	95	110	5,980	13,323	13,300	160,150	91,900	32,400	322,000
LT016	613817	6953422	364	42	80	6,660	14,838	10,300	156,150	92,100	28,200	308,000

[1] SOP equivalent is calculated by converting the molecular mass of K to K_2SO_4 – utilising a factor of K x 2.228.
When reporting as kg/m^3 10,000 mg/l SOP is stated as 10 kg/m^3

Laverton Links Sulphate of Potash Project

The Laverton Links SOP Project (Figure 1) comprises three Prospects (Lake Rason, Lake Hope Campbell and East Laverton) for a total granted and applied area of 2,424 km^2 and covers some 293 km^2 of playa lake and 291 km of palaeochannel, all prospective for SOP mineralisation. The Prospects are located within a 35 km to 225 km radius east of Laverton, Western Australia and nearby the Tropicana Gold Mine. The Laverton Links SOP Project is accessible from Laverton via numerous roads and tracks and from Kalgoorlie via the Tropicana Gold Mine Access Road. The Eastern Goldfields and Yamarna Gas Pipelines passes directly through the Lake Hope Campbell and East Laverton Prospects.

Lake Rason Prospect

(E38/3089, E38/3298, E38/3437 and E38/3464)

The Lake Rason Prospect comprises two granted tenements and two tenement applications covering an area of 499 km^2 over the Lake Rason playa and associated underlying palaeochannel (Figure 4). Previous exploration includes ground gravity, passive seismic and an on-lake drilling program concluding in the establishment of an Exploration Target of 2.5 – 9.0 Mt SOP[1].

Drilling during the December 2019 Quarter comprised four holes for 405 m with a total of 81 brine samples collected. The program was designed to target the off-lake transition of the brine grade at the surface and at depth and encountered the northern edge of the palaeovalley and the highly weathered Paterson formation, inclusive of fluvial derived sands at depth. Assay results are expected to be received in the next quarter.

In December 2019, Trigg entered into an agreement to purchase an additional tenement, E38/3437 (96 km^2) for $20,000 (exclusive of GST), payable in shares upon grant and applied for a further tenement, E38/3464, immediately to the west of the previous tenements, adding approximately 31 km^2 of playa surface. The additional tenure at Lake Rason almost entirely secures the Lake Rason paleo-system and has the potential to enhance the anticipated Mineral Resource estimate following completion of sampling and drilling programs.

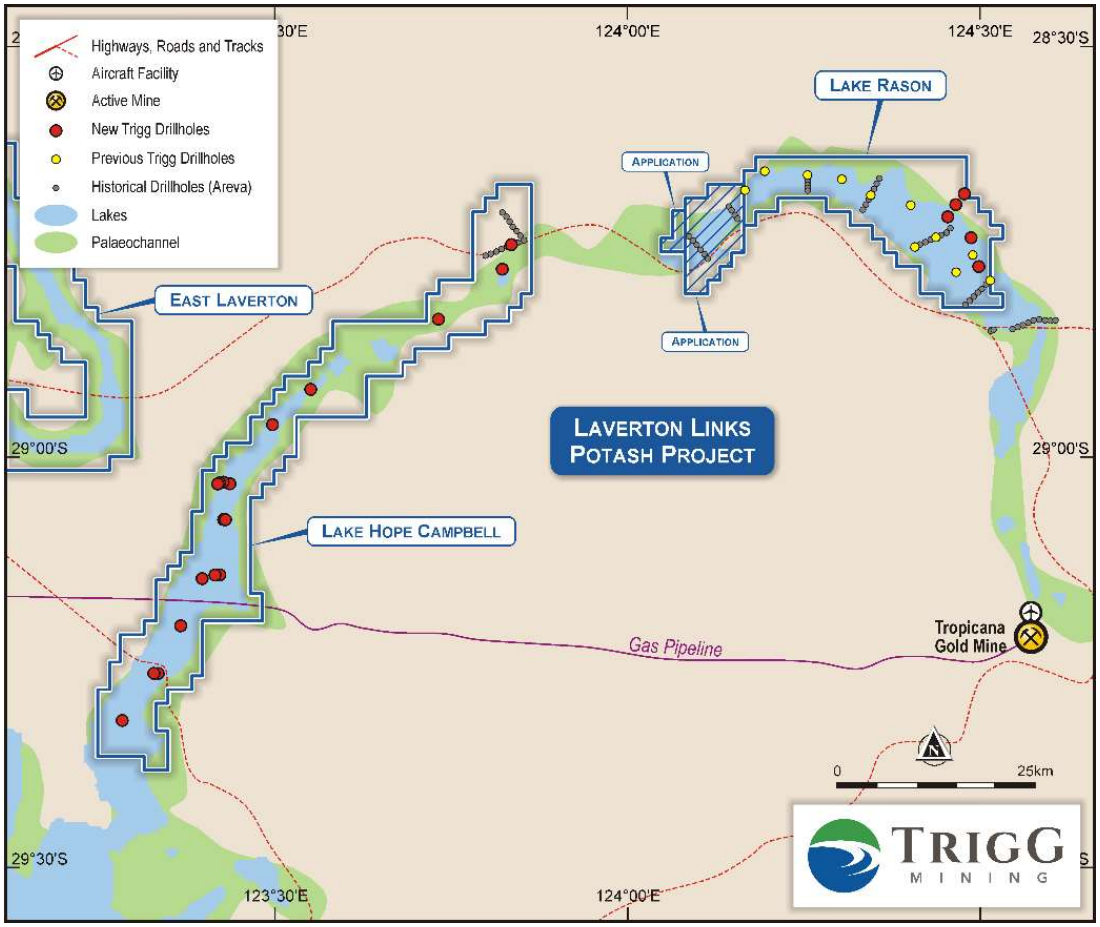

Figure 4: Sample Locations – showing infrastructure, approved and pending tenements

[1] For further details of the Exploration Target please refer to the AGM Presentation 26 November 2019. The potential Exploration Target quantity and grade is conceptual in nature and there has been insufficient exploration to estimate a Mineral Resource and that it is uncertain if further exploration will result in the estimation of a Mineral Resource.

Lake Hope Campbell Prospect

(EL38/3259 and EL39/2047)

The Lake Hope Campbell Prospect is situated approximately 120 km east of Laverton along the Lake Rason Road and comprises two granted tenements covering approximately 814 km^2 including over 100 km^2 of interpreted palaeochannel and the 35 km^2 Lake Hope Campbell (Figures 1 and 4).

A ground gravity survey comprising 298 stations along several traverses was completed during the Quarter to assist with basal aquifer targeting and palaeochannel morphology definition. This survey was completed in conjunction with the inaugural aircore drilling program, which comprised 20 holes for 1,455 m distributed along the strike length of the Prospect (Figure 6). The aim of the program was to target the palaeochannel thalweg and obtain brine and lithological samples for laboratory and Particle Size Distribution (**PSD**) analysis.

Several holes encountered thick sand sequences comprising medium-coarse grained, clean sands with occasional well-rounded very coarse pebble layers. The basal sand aquifers are up to 40 m apparent thickness in places and have a favourable high permeability, confirmed by field observations during drilling with strong brine flow rates identified from in-hole airlifts. The typical palaeovalley sequence encountered at Lake Hope Campbell is shown in the drill samples in Figure 5.

Drill transects have been completed at two locations (Sections A-B and C-D) shown in Figure 7. The results from drilling along these transects correlate with the gravity surveys and have determined the width of the palaeochannel basal sand to be between 1,000 and 1,300 m in the southern part of the project area.

Figure 5: Drilling samples at LHCACT002,
showing basal sands at the base of the drill hole (grey piles)

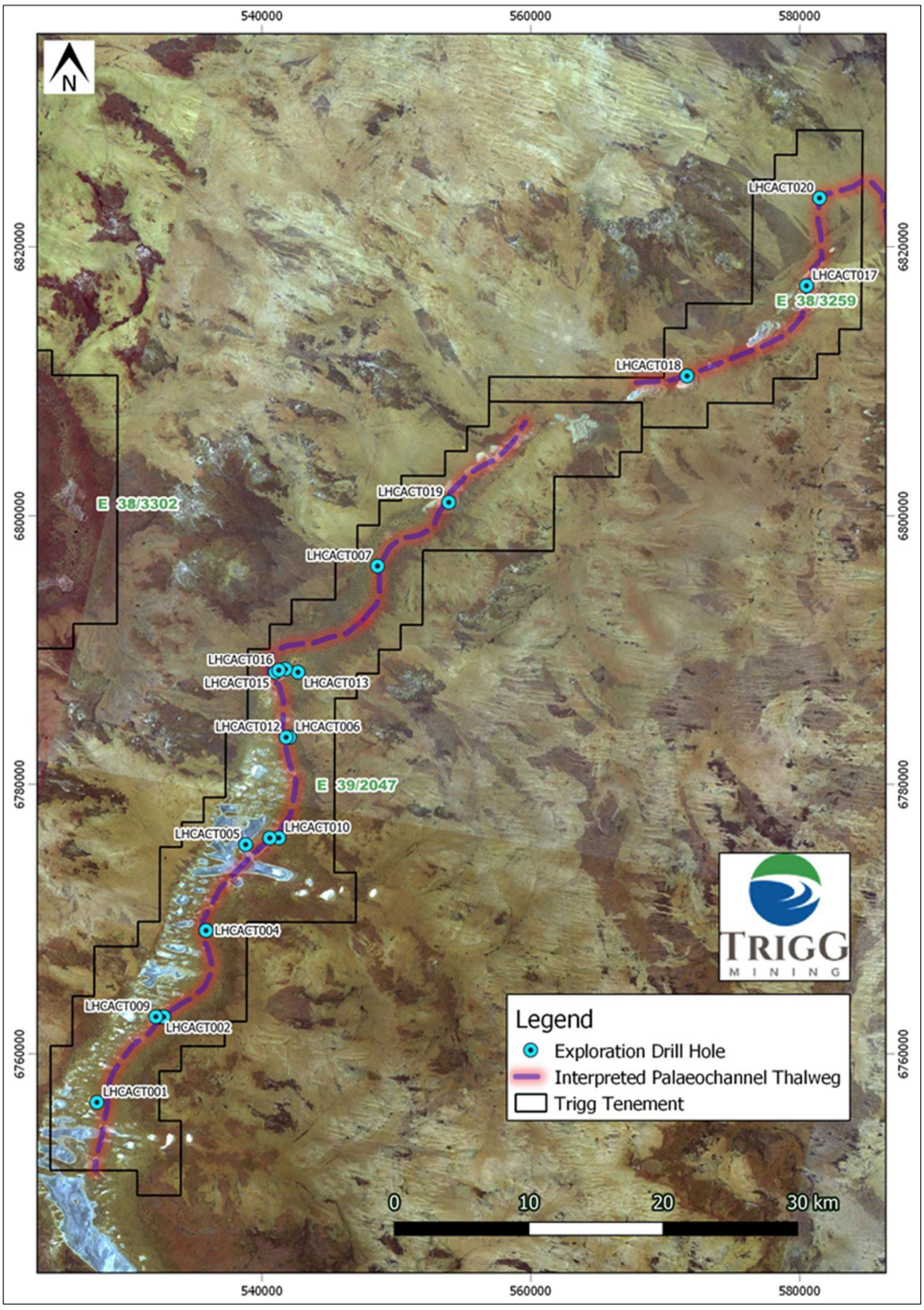

Figure 6: Aircore drilling at Lake Hope Campbell and interpreted thalweg location

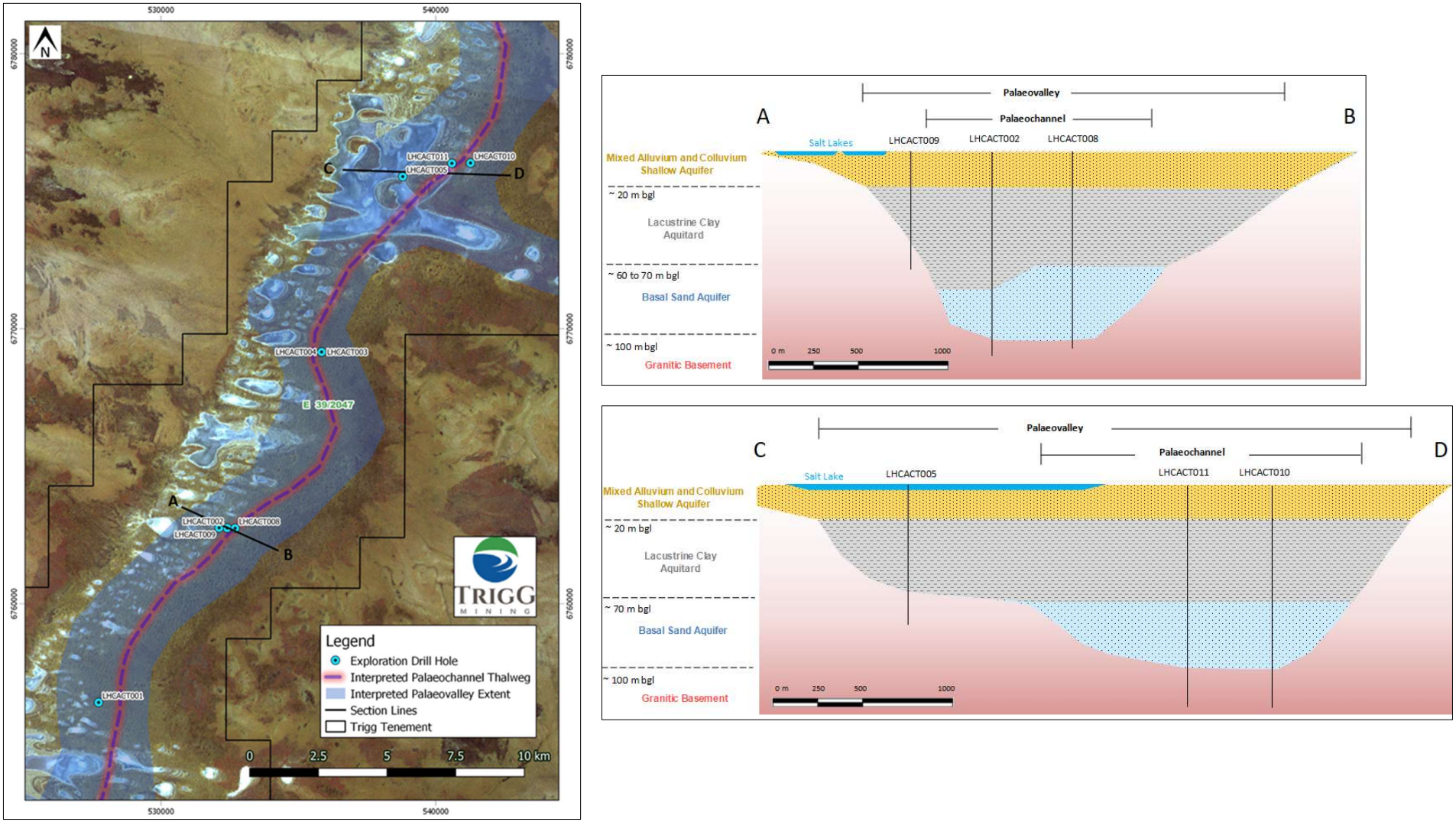

Figure 7: Drilling transects completed at Lake Hope Campbell

East Laverton Prospect

(E38/3299, E38/3300, E38/3301 and E38/3302)

The East Laverton Prospect is located approximately 35 km east of Laverton and comprises four granted tenements that cover an area of 1,118 km^2 and 130 km strike length of palaeochannel (Figure 1). Field work carried out during the Quarter included a ground gravity survey comprising 524 stations across several transects along the strike length of the palaeochannel. The gravity survey helped define the extent of the palaeovalley and assisted drill targeting of the basal sand aquifer. A single scout hole (ELACT001) was undertaken which intersected lacustrine clays and weathered granites.

Corporate

During the September 2019 Quarter, Trigg Mining completed a $4.5 million Initial Public Offer (**IPO**) which was widely supported by the Australian public, agricultural community and a large resources-focussed institutional investor.

Subsequently, the acquisition of K2O Minerals Pty Ltd, joint venture partner, was completed through the issue of 5,262,500 shares and 4,235,626 Vendor Performance Shares providing Trigg Mining 100% ownership of the Projects which now covers some 3,180 km^2 of tenements and tenement applications and 483 km^2 of lake playa surface across two Sulphate of Potash Projects in Western Australia.

On 1 October 2019, the Company was admitted to the official list of ASX and Trigg Mining's shares and options commenced trading on 3 October 2019. The IPO and ASX listing were significant milestones in the journey of the Company and the funds raised will be largely applied to the advancement of exploration and evaluation at the Laverton Links and Lake Throssell SOP Projects.

Trigg Mining Limited

Keren Paterson.

Keren Paterson
Managing Director & CEO

About Trigg Mining

Trigg Mining is looking to secure Australia's sustainable agriculture future through the exploration of essential potassium fertiliser, sulphate of potash (**SOP**), necessary for global food production and human nutrition. SOP provides essential macro nutrients for plant growth without any detrimental elements, such as chloride found in muriate of potash (MOP). In addition, SOP can be produced sustainably through the solar evaporation of potassium-rich hypersaline brine water, without the need for large open pits or waste-rock dumps.

The Trigg Mining SOP Projects are located nearby established energy and transport infrastructure for access to Australian and international agricultural markets, within a 35 – 225 km radius east of Laverton in WA and include a JORC Compliant Exploration Target. The Projects cover more than 3,180 km^2 and contain over 480 km^2 of salt lake playa and 400 km of interpreted palaeochannels (ancient underground rivers) all highly prospective for brine hosted SOP.

Competent Person Statement

For information referring to the exploration results in this document, refer to announcements dated 16/12/2019, 18/11/2019 and 3/10/2019. 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.

Schedule of Tenements

as at 31 December 2019

Tenement Number	Location	Registered Owner/Applicant	Status	Interest
E38/3065	Lake Throssell	K2O Minerals Pty Ltd	Granted	100%
E38/3458	Lake Throssell	K2O Minerals Pty Ltd	Application	100%
E38/3459	Lake Throssell	K2O Minerals Pty Ltd	Application	100%
E38/3298	Lake Rason	K2O Minerals Pty Ltd	Granted	100%
E38/3089	Lake Rason	K2O Minerals Pty Ltd	Granted	100%
E38/3437	Lake Rason	Mining Equities Pty Ltd	Application	100%
E38/3464	Lake Rason	K2O Minerals Pty Ltd	Application	100%
E38/3259	Lake Hope Campbell	K2O Minerals Pty Ltd	Granted	100%
E39/2047	Lake Hope Campbell	K2O Minerals Pty Ltd	Granted	100%
E38/3299	East Laverton	K2O Minerals Pty Ltd	Granted	100%
E38/3300	East Laverton	K2O Minerals Pty Ltd	Granted	100%
E38/3301	East Laverton	K2O Minerals Pty Ltd	Granted	100%
E38/3302	East Laverton	K2O Minerals Pty Ltd	Granted	100%

+Rule 5.5

Appendix 5B

Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/13, 01/09/16

Name of entity	
Trigg Mining Limited	
ABN	**Quarter ended ("current quarter")**
26 168 269 752	31 December 2019

Consolidated statement of cash flows		**Current quarter $A'000**	**Year to date (6 months) $A'000**
1.	**Cash flows from operating activities**		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	(661)	(766)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(77)	(115)
	(e) administration and corporate costs	(413)	(448)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	7	7
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Research and development refunds	-	-
1.8	Other (IPO costs not directly attributable to the capital raising)	(164)	(193)
1.9	**Net cash from / (used in) operating activities**	**(1,308)**	**(1,515)**

2.	**Cash flows from investing activities**		
2.1	Payments to acquire:		
	(a) property, plant and equipment	-	-
	(b) tenements (see item 10)	-	-
	(c) investments	-	-
	(d) other non-current assets	-	-

Consolidated statement of cash flows		**Current quarter $A'000**	**Year to date (6 months) $A'000**
2.2	Proceeds from the disposal of:		
	(a) property, plant and equipment	-	-
	(b) tenements (see item 10)	-	-
	(c) investments	-	-
	(d) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	**Net cash from / (used in) investing activities**	**-**	**-**

3.	**Cash flows from financing activities**		
3.1	Proceeds from issues of shares	-	4,500
3.2	Proceeds from issue of convertible notes	-	-
3.3	Proceeds from exercise of share options	-	-
3.4	Transaction costs related to issues of shares, convertible notes or options	(292)	(292)
3.5	Proceeds from borrowings	-	100
3.6	Repayment of borrowings	(100)	(100)
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	**Net cash from / (used in) financing activities**	**(392)**	**4,208**

4.	**Net increase / (decrease) in cash and cash equivalents for the period**		
4.1	Cash and cash equivalents at beginning of period	4,443	50
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(1,308)	(1,515)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(392)	4,208
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	**Cash and cash equivalents at end of period**	**2,743**	**2,743**

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter $A'000	Previous quarter $A'000
5.1	Bank balances	2,738	25
5.2	Call deposits	5	25
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	**Cash and cash equivalents at end of quarter (should equal item 4.6 above)**	**2,743**	**50**

6.	Payments to directors of the entity and their associates	Current quarter $A'000
6.1	Aggregate amount of payments to these parties included in item 1.2	(93)
6.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	-

6.3 Include below any explanation necessary to understand the transactions included in items 6.1 and 6.2

Directors' remuneration for the period.

7.	Payments to related entities of the entity and their associates	Current quarter $A'000
7.1	Aggregate amount of payments to these parties included in item 1.2	-
7.2	Aggregate amount of cash flow from loans to these parties included in item 2.3	-

7.3 Include below any explanation necessary to understand the transactions included in items 7.1 and 7.2

Not applicable

8.	**Financing facilities available** *Add notes as necessary for an understanding of the position*	**Total facility amount at quarter end $A'000**	**Amount drawn at quarter end $A'000**
8.1	Loan facilities	-	-
8.2	Credit standby arrangements	-	-
8.3	Other (please specify)	-	-

8.4 Include below a description of each facility above, including the lender, interest rate and whether it is secured or unsecured. If any additional facilities have been entered into or are proposed to be entered into after quarter end, include details of those facilities as well.

On 23 July 2019, the Company entered into a loan agreement with Michael Ralston, Non-Executive Chairperson (**Lender**) under which the Lender agreed to lend to the Company an amount of up to $250,000 (**Loan**) to facilitate the Company's ongoing working capital and expenditure requirements during the initial public offer (**IPO**) process. The Loan was unsecured and provided on interest free terms. The loan agreement was on arm's length terms and contained terms and conditions considered standard for agreements of this nature.

During the September 2019 quarter, the Company drew down $100,000 of the Loan which was subsequently repaid in full during the December 2019 quarter following completion of the IPO.

9.	**Estimated cash outflows for next quarter**	**$A'000**
9.1	Exploration and evaluation	(357)
9.2	Development	-
9.3	Production	-
9.4	Staff costs	(50)
9.5	Administration and corporate costs	(473)
9.6	Other (provide details if material)	-
9.7	**Total estimated cash outflows**	**(880)**

10.	Changes in tenements (items 2.1(b) and 2.2(b) above)	Tenement reference and location	Nature of interest	Interest at beginning of quarter	Interest at end of quarter
10.1	Interests in mining tenements and petroleum tenements lapsed, relinquished or reduced	-	Not applicable	-	-
10.2	Interests in mining tenements and petroleum tenements acquired or increased	E38/3458 Lake Throssell Northern Extension	Application	0%	0%
		E38/3459 Lake Throssell Southern Extension	Application	0%	0%
		E38/3464 Lake Rason West	Application	0%	0%
		E38/3437 Lake Rason	Purchase (subject to grant of application)	0%	0%

Compliance statement

1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.

2 This statement gives a true and fair view of the matters disclosed.

Sign here: Keren Paterson ..... Date: **30 January 2020**

Managing Director

Print name: **Keren Paterson**

Notes

1. The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position.

2. This quarterly report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, AASB 6: Exploration for and Evaluation of Mineral Resources and AASB 107: Statement of Cash Flows apply to this report including interpretation 1031 Accounting for the Goods and Services Tax with the exception of the classification of capitalised exploration expenditure and the allocation of the research and development tax incentive as an investing activity. This quarterly report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.