

Quarterly Activities Report

For the period ended 30 June 2023

28 July 2023

The Kathleen Valley Lithium Project remains on target for first production mid-2024.

Significant increase in mining and construction activity during the June quarter, with the first mill feed and DSO produced and stockpiled, and a step change in progress made on both process plant and power station infrastructure build.

Highlights

- Ongoing commitment to safety: no Lost-time Injuries (**LTI**) recorded for the period;
- Total of 326,000 site hours worked, up from 211,000 in the March quarter, reflecting ramp-up of construction and mining activities;
- Full Open Pit Mining Services Contract awarded to Iron Mine Contracting Pty Ltd, to execute and complete surface mining operations for next three years;
- Total Material Movement (**TMM**) for the quarter increased to 1.55M bulk cubic metres (**BCM**), supporting stockpiling of ore for production, and waste material for the Run-of-Mine (**ROM**) pad and Tailings Storage Facility (**TSF**) construction;
- Direct Shipping Ore (**DSO**) material also stockpiled, with additional sampling and sorting test work completed. Technical and commercial evaluation of DSO strategy progressed as planned, with execution decision anticipated September quarter;
- Evaluation of competitive bids from tier 1 contractors for the Underground Mining Services package progressed ahead of anticipated contract award in August as planned;
- Substantive progress made on process plant construction, with more than 50 percent of concrete poured by the end of June;
- Structural steel erection commenced and substantially progressed on the dry plant, secondary screening and grinding areas, and concentrate storage facility completed;
- Critical long-lead items, including SAG mill, magnetic separators, pumps, concentrate filters and fine ore bin, all arrived on site to schedule;
- The Accommodation Village now 85 percent complete with 600 rooms commissioned and ready for use, with more than 450 currently occupied;
- Significant progress on the Hybrid Power Station: solar farm earthworks completed, 21,000 solar panels delivered to site for installation, construction of the wind turbine access road commenced, gas generation facility underground conduits nearing completion and 1,000 tonne crane for the wind turbine erection successfully trial-assembled off site in Perth;
- Central 90-metre communications mast safely erected by Dilji Corporation, a Tjiwarl contracting business, to provide 4GBps aggregate tie-in link to tie into Telstra's fibre optic network;
- Prospective commercial opportunities advanced, including agreement to farm into Olympio Metals' Mulline and Mulwarrie Lithium Projects; and
- Cash at bank as of 30 June was \$305.4 million, with \$118.8 million drawn down from \$300 million Ford finance facility in the quarter. \$181.2 million remains undrawn under Ford Facility as of 30 June.

Liontown's Managing Director, Tony Ottaviano said:

"With the ongoing support of our contractors and suppliers, Liontown made excellent progress on the development of the Kathleen Valley Lithium Project. Open pit mining is ramping up to build stockpiles ahead of production, the process plant and hybrid power station are taking shape and the accommodation village is almost complete with 600 rooms now commissioned and ready for use. It's hard to imagine that we had six caravans onsite last October and to see the speed of progress and quality of the work being done by our team and partners is truly amazing.

"One project that was particularly pleasing to see completed during the quarter was the erection of Kathleen Valley's 90-metre communications mast by Tjiwarl business Dilji Corporation. This is an early example of our commitment to engaging the Tjiwarl, the Traditional Owners of the land on which Kathleen Valley is located, in both the development of the Project and Traditional Owner businesses. More will follow.

"We have now formally confirmed Iron Mine Contracting as our open pit mining contractor for the three-year life of surface mining, and we look forward to appointing a suitably qualified and experienced contractor as our underground mining contractor for Kathleen Valley shortly.

"I am proud of the culture we are developing at Liontown as we grow our company, especially the intense focus on doing the job safely. The efforts of the workforce to date have ensured we remain on schedule as we rapidly move this tier-one asset towards commercial production."

Sustainability

Health and Safety

Development of robust Health and Safety structure and systems continued across the quarter:

- No LTIs recorded;
- Strong focus on safety-based leadership reinforced through consistent routines and inspections across work fronts and interfaces between teams; and
- Fitness for work programs was another dedicated focus with blanket and random drug and alcohol testing on site, which achieved high adherence to standard of <0.5% failure rate.

Environmental, Social and Governance (ESG)

Key ESG activities progressed during the quarter:

- Wind Farm Mining Lease approval received in June, with ground works commencing immediately with objective to minimise disturbance footprint;
- Multiple heritage site-based surveys and consultation with Tjiwarl Aboriginal Corporation (Tjiwarl AC) progressed;
- Incremental updates to the mining proposal and works approvals progressed, including optionality for DSO;
- Drone survey technology utilised to increase accuracy of ecological surveys to assist with regulatory compliance and future permitting requirements;
- Considerable focus on site-wide clearing permits and compliance;
- Compilation and updates to the Native Vegetation Clearing Permits and compliance;
- Numerous Miscellaneous Licences have been submitted and progressed for development of the water infrastructure and production water bores; and
- Quarterly Native Title Report submitted to Tjiwarl AC.

Kathleen Valley Mining Operations

Open Pit Mining

In May, the full open pit mining services contract was awarded to Iron Mine Contracting Pty Ltd.¹ The scope of works includes drilling and blasting, load and haul, haul road construction and maintenance, and pit dewatering associated with both the Mt Mann and Kathleen's Corner open pits, plus the construction of ROM pad and tails dam outer walls.

Mining volumes continued to ramp up during the quarter with TMM of 1.55M BCM from both the Kathleen's Corner and Mt Mann open pits. Ore stockpiles continued to build on the ROM pad, with the ROM footprint now substantially complete. Material identified for potential DSO was also stockpiled.

¹ ASX announcement 10 May 2023



Figure 1: Kathleen's Corner open pit



Figure 2: Tailings Storage Facility 1

Open pit mining activities are on schedule to be completed in August at the Mt Mann pit, in preparation for underground mining activities commencing in the December quarter.

Extensive underground mine planning and tender evaluation remained on track throughout the quarter, focused on commencement in the December quarter.

The inner wall of the TSF 1 was progressed to schedule, leveraging waste sourced predominately from Kathleen's Corner pit. All mined waste from mining activities is planned to be used to build the ROM pad and TSF walls to minimise surface disturbance at Kathleen Valley. Installation of plastic high-density polyethylene (HDPE) lining, included in scope as part of Liontown's water recovery initiatives, is planned to occur in the September quarter ahead of water filling.



Figure 3: ROM Pad



Figure 4: Mt Mann pit and future underground mine access point

Direct Shipping Ore

The opportunity to monetise DSO material as a potential early source of revenue continued to be progressed with further material stockpiled through the quarter.

Ore sorting test work achieved strong results and prospective customers were also provided bulk samples to conduct their own test work. Financial and technical evaluation work progressed as planned during the quarter, including engagement with potential crushing, screening and sorting contractors.

A decision to proceed with DSO is planned for the September quarter.

Kathleen Valley Project Development

Process plant and Infrastructure

The June quarter saw a ramp up in focus on concrete and civil works, site earthworks, and erection of first structural steel at the process plant in accordance with our construction schedule:

- To date more than 50 percent of concrete has been safely poured at the process plant, with major progress on the crushing circuit and the suspended milling area, ahead of SAG mill installation in the September quarter.
- Dry plant (crushing and screening) civil works are substantially complete with steel erection commenced.
- Critical long-lead equipment arrived on site throughout the quarter, including the SAG mill, fine ore bin, magnetic separators, concentrate filters and slurry pumps.
- The concentrate storage shed was completed in the quarter, with site warehouse and reagents storage buildings also well advanced.
- Offsite fabrication of plant office buildings advanced with site installation to commence early in the September quarter.



Figure 5: Process plant construction



Figure 6: Concrete pour at the fine ore bin



Figure 7: Fine ore bin segments arriving on site



Figure 8: Concentrate storage shed

Grade Control Drilling (Underground)

Underground grade control drilling commenced late in the quarter (from surface) at Mt Mann, ahead of the planned mining in the December quarter.

Contracts and Procurement

The Open Pit Mining Services Contract was awarded to Iron Mine Contracting Pty Ltd for drilling and blasting, loading and hauling of ore and waste from open pit excavations, haul road construction and maintenance, and dewatering of open pit excavations services. The contract is valued at approximately \$240 million over three years.

The spodumene concentrate haulage contract tender process was substantially progressed during the quarter and subsequently awarded to integrated logistics solutions provider Qube Holdings Limited (subsequent to quarter end).² The contract is valued at approximately \$175 million over five years. Provision has been made for services to be provided earlier to support DSO, as Liontown nears completion of processing and offtake options. As well as providing the opportunity to generate early revenue for Liontown, selling and shipping DSO will allow the Company to trial the haulage logistics chain before first production commences from Kathleen Valley in mid-2024.

The Underground Mining Services (**UMS**) tender process advanced with extensive due diligence and bid evaluation completed in the quarter. Kathleen Valley will be one of the preeminent mining operations in Australia, and the Company has continued to work with Tier 1 contractors ahead of the award of the UMS contract. Noting the withdrawal of one tenderer subsequent to end of the quarter, the Company remains on track to award in August, with planned commencement of underground development in the December quarter.

Structural Mechanical Piping (**SMP**) and Electrical and Instrumentation tenders were also advanced for the dry and wet portions of the process plant. The award of these tenders is anticipated mid-September quarter.

Following review of underground power requirements, final evaluation and award of the gas supply contract is anticipated in the September quarter to enable key logistics equipment to be purchased well ahead of site gas requirements.

Non-Process Infrastructure

Power

Significant progress was achieved during the quarter on the 95MW Kathleen Valley Hybrid Power Station across multiple fronts:

- Pad preparation for the solar farm was completed and more than 21,000 solar panels (of a total 30,936) were delivered to site during the quarter, ahead of planned installation commencing in late July. Installed solar capacity will reach 16MW of power and 27MW of gas generation through gas fired engines has been ordered and on schedule.
- Fabrication of the five wind turbine components progressed off site and preparation for the specialised concrete foundation pour is underway. Each wind turbine will stand 210m high and generate 6MW of energy, contributing to one of the largest off-grid renewable power stations in Australia.
- One of Australia's largest cranes with a lifting capacity of more than 1,000 tonnes, which will be used to erect the turbines, was successfully trial-assembled in Perth and will be transported to site late in the September quarter.
- Site preparation work commenced on access roads and laydown areas for the wind turbines on the other side of the Goldfields Highway, following receipt of the lease and clearing permits.

² ASX announcement 19 July 2023



Figure 9: Aerial view of the solar farm



Figure 10: Fabrication of wind turbines



Figure 11: Earthworks for wind turbines



Figure 12: 90-metre-high communications mast being erected

Communications Infrastructure

A 90-metre-high communications mast was erected in April to provide a 4GBps aggregate link tie-in to Telstra’s fibre optic network. The Wide Area Network services enabled by the mast will supply increased bandwidth and data redundancy on site, with installation of a site-wide 5G network planned for the December quarter.

The communications mast project was safely executed by the Dilji Corporation, an Indigenous business focused on technology, science and communication sectors.

Water Exploration, Permitting and Extraction Update

Ground water drilling program progressed to schedule throughout the quarter, with a total of 27 exploration bores drilled to date and six production bores developed. Further water supply and recycling/ optimisation options continue to be progressed.

The main pipeline headworks design for the Eastern borefield were also advanced in the quarter and long lead pumps purchased ahead of planned installation later this year.

Jones Creek Crossing

Civil construction of a permanent on-site road crossing over Jones Creek progressed during the quarter, to support sustainable water and traffic flow through an area of significance to the Tjiwarl Traditional Owners. Engineering and construction has been carefully designed with input from the Tjiwarl in order to minimise disturbance to the area and enable seasonal water flows through the Creek. Construction of the crossing is anticipated to be completed early in the September quarter.



Figure 13: Jones Creek Crossing site works underway



Figure 14: Aerial view of Jones Creek Crossing

Village

The Dragonfly Accommodation Village rapidly progressed towards delivering 660 high-quality rooms on site, with 600 commissioned for use. More than 450 rooms were occupied by the end of the quarter. In addition, a further 100 temporary rooms have been hired to cater for peak construction requirements, with services installed in June to support these rooms.

Commissioning of central services is the focus for the September quarter, including the gym, multipurpose court, training room and wet mess.



Figure 15: "Dragonfly" accommodation village



Figure 16: Camp outlook

Business Development

Buldanian Exploration

Liontown has been actively exploring the Buldanian Project since early 2018 after acquiring 100 percent of the rights to lithium and related metals. The Company initially focused on the spodumene-bearing Anna pegmatite, partially delineated by previous nickel and gold explorers, with drilling by the Company subsequently defining a maiden Indicated and Inferred Mineral Resource Estimate (MRE) of 15Mt @ 1.0% Li₂O.

Anna Resource

Exploration and in-fill drilling at the Anna deposit was completed, with all assays now received. Re-modelling of the geological data has recently been completed by external consultants and is currently being reviewed by the Company. An update to the Mineral Resource Estimate for the Anna deposit will be reported in due course, however, based on the Company's preliminary assessment the initial indications are that there will be no material change. Metallurgical test work also commenced in this quarter.

North West (NW) Prospect

Drilling of the NW Prospect progressed with a total of 43 RC drill holes for 8,500m and two diamond drill holes for 1,124m over the course of quarter. Drilling focused on testing previously identified targets and testing extensions to the north and south of previously reported hole BDR0203 (10m at 1.1% Li₂O and 5m at 1.3% Li₂O).³ Deep diamond drilling was utilised to test for 'feeder' zones and structural repeats to depths of 600m.

Analysis of results from the drilling programme at the NW Prospect is on-going with approximately 67% of the assays still outstanding. Mineralisation intersected to date is thin and relatively low grade, with limited depth continuity. The diamond holes did not exhibit any obvious spodumene mineralisation. It appears that the NW Prospect may be at the lower interface of the spodumene zone with limited potential below the known outcrop.

Kathleen Valley Exploration

No exploration work was undertaken at Kathleen Valley during the quarter, other than the grade control drilling previously noted.

Farm-ins

In April, Liontown and Olympio Metals (ASX: OLY) announced a farm-in agreement for Olympio's Mulline and Mulwarrie Lithium Projects (the **Projects**) in the Eastern Goldfields of Western Australia.

Under the terms of the agreement, Liontown will complete 1,100 soil samples across the Projects and make an initial assessment before progressing to a possible Stage 1 earn-in. Liontown may elect to progress further investments within set time frames to increase its exposure to the Projects. Exploration work on the Projects commenced in the June quarter.

Subsequent to the end of the quarter, Red Mountain Mining Limited (ASX: RMX) announced a farm-in agreement with LBM (Aust) Pty Ltd, a wholly owned subsidiary of Liontown, to acquire an 80 percent interest in the Monjebup Rare Earth Project, consisting of 321 blocks covering ~910km² in southern Western Australia. Red Mountain are required to issue 40 million shares to Liontown and spend not less than \$500,000 within the 24 month farm-in period to earn their interest. Red Mountain shall also grant Liontown a 2% net smelter royalty upon earning their interest.

³ ASX announcement 21 March 2022

Also subsequent to the end of the quarter, Liontown reached agreement with the owners of E36/876, including Mila Resources plc (LON: MILA), providing Liontown a right to acquire up to 80% of the lithium rights under E36/876, approximately 8 km to the south of the Kathleen Valley project. Under the terms of the agreement, Liontown will invest \$100,000 in Mila through an unsecured convertible loan note. Liontown may acquire a 51% interest in the lithium rights within 18 months by paying \$200,000 and a further 29% interest in the lithium rights within 5 years paying a further \$2,000,000.

Market Update

Lithium markets

Lithium prices recovered from 12-month lows reached early in the quarter. Price recoveries were led by China, where restocking of lithium products took place after a period of strong price falls. Although electric vehicle demand is expected to post strong year-on-year growth in China of ~30 percent,⁴ concerns over the health of the domestic economy, which is currently the largest market for electric vehicles, and therefore lithium demand, continues to weigh on sentiment.

Metal Bulletin battery grade lithium carbonate spot prices rallied to finish the quarter at US\$41.5/kg, 43 percent higher than the 12-month lows they touched in April of US\$29/kg. Over the full year to end June 2023, battery grade lithium carbonate prices averaged US\$64.8/kg according to Metal Bulletin.⁵

Spot prices for battery grade lithium hydroxide were more resilient, finishing the quarter at US\$46/kg, 14 percent higher than the 12-month lows of US\$40.5/kg. Over the full year to end June 2023, battery grade lithium hydroxide prices averaged US\$70.2/kg according to Metal Bulletin.⁶

Spodumene prices ended the year at 12-month lows, finishing at US\$3,750 per tonne. Average prices over the quarter were US\$4,365 per tonne, while over the past year to end June 2023 prices averaged US\$6,482 per tonne, reaching historic peaks in November 2022 of over US\$8,287 per tonne.⁷

The medium to long-term outlook for Liontown lithium continues to be attractive, with consistent periods of supply deficits expected into the end of this decade. The Company continues to see robust demand from its customers, including automakers, battery producers, cathode suppliers and refiners, with geopolitical pressures and risks increasing the attractiveness of Australian lithium.

Electrification continues at pace, with electric vehicle and stationary storage markets continuing to demonstrate year-on-year growth. This drives demand for lithium well into the end of the decade and beyond as electric vehicles make up a larger portion of all new car sales.⁸

Stationary storage has surprised many this year in the scale of demand growth. BloombergNEF expect it to double year-on-year and grow around 23 percent annually on average out to 2030.⁹ This fundamental shift towards electrification will drive strong demand for lithium, with expectations market demand will increase fivefold from 2021 to 2030.¹⁰

Market Engagement

Liontown's Managing Director and Chair undertook investor engagements by presenting at the Macquarie Australia and Resources Rising Stars conferences, respectively.

⁴ International Energy Agency forecast taken from Global EV Outlook 2023.

⁵ Metal Bulletin's Lithium carbonate 99.5% Li₂CO₃ min, battery grade, spot prices cif China, Japan & Korea, \$/kg.

⁶ Metal Bulletin's Lithium hydroxide monohydrate LiOH.H₂O 56.5% LiOH min, battery grade, spot price cif China, Japan & Korea, \$/kg.

⁷ Metal Bulletin's spodumene min 6% Li₂O, spot price, cif China, \$/tonne.

⁸ International Energy Agency forecast electric vehicle sales will grow from 9% of all vehicle sales globally to 30% by 2030, according to its Global EV Outlook 2023.

⁹ BloombergNEF [1H 2023 Energy Storage Market Outlook, March 2023](#).

¹⁰ Based on 2030E lithium demand of 3.57 Mt LCE, sourced from BloombergNEF Transition Metals Outlook, January 2023.

Corporate

Change of Registered Office and Principal Place of Business

Liontown Resources Limited changed its registered office and principal place of business to Level 2, 32 Ord Street West Perth Western Australia 6005.¹¹ The Company's phone number and postal address remains the same.

The Company plans to consolidate its office accommodation and bring all its Perth-based employees together under one roof in the second half of the year, bringing added business synergy and cultural benefits.

Tenement Schedules and expenditure

In accordance with ASX Listing Rule 5.3, refer to Appendix 3 for a listing of tenements. During the quarter, the Company spent \$2.31 million on exploration and evaluation activities and \$5.2 million on administration costs.

Payments reported in Appendix 5B, Section 6.1 and 6.2, relate to Directors' salaries and fees and consulting fees paid to Director related parties.

Cash Position

The Company's cash balance as at 30 June 2023 was \$305.4 million.

In April 2023, the Company drew down \$118.8 million under the \$300 million finance facility with Ford. As at 30 June 2023, \$181.2 million remains undrawn under the Ford facility.

Forward Looking Statement

This announcement contains forward-looking statements which involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

This announcement has been approved for release by the Board of Directors.

Further Information

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¹¹ ASX Announcement 16 June 2023

About Liontown Resources

Liontown Resources (ASX:LTR) is an emerging Tier-1 battery minerals producer. Our aim is to be an ESG leader and a globally significant provider of battery minerals for the rapidly growing clean energy market. As we transition from explorer to producer, we are committed to incorporating the right approach and foundation from the outset and ESG principles underpin all decisions. We currently control two major lithium deposits in Western Australia and aim to expand our portfolio through exploration, partnerships and acquisitions. In addition, we look to participate in downstream value-adding where control of the deposit provides a strong competitive advantage. To learn more, please visit: www.ltresources.com.au

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Appendix 1

Kathleen Valley Lithium Project Overview

The Kathleen Valley Lithium Project (**Kathleen Valley** or the **Project**) is located in Western Australia, approximately 680km north-east of Perth and 350km north-north-west of Kalgoorlie, within the Eastern Goldfields of the Archaean Yilgarn Craton (Figure 13). Liontown commenced work at Kathleen Valley in 2017 and has since defined a world-class Mineral Resource Estimate of **156Mt @ 1.4% Li₂O and 130ppm Ta₂O₅** and completed a Definitive Feasibility Study (**DFS**) which has confirmed the potential for a long-life, standalone mining and processing operation.

Liontown’s Board approved the full development of Kathleen Valley in June 2022. The Final Investment Decision (**FID**) followed execution of offtake agreements with LG Energy Solution, Tesla and Ford Motor Company (Ford), together with a A\$300 million debt facility with leading global automaker, Ford.

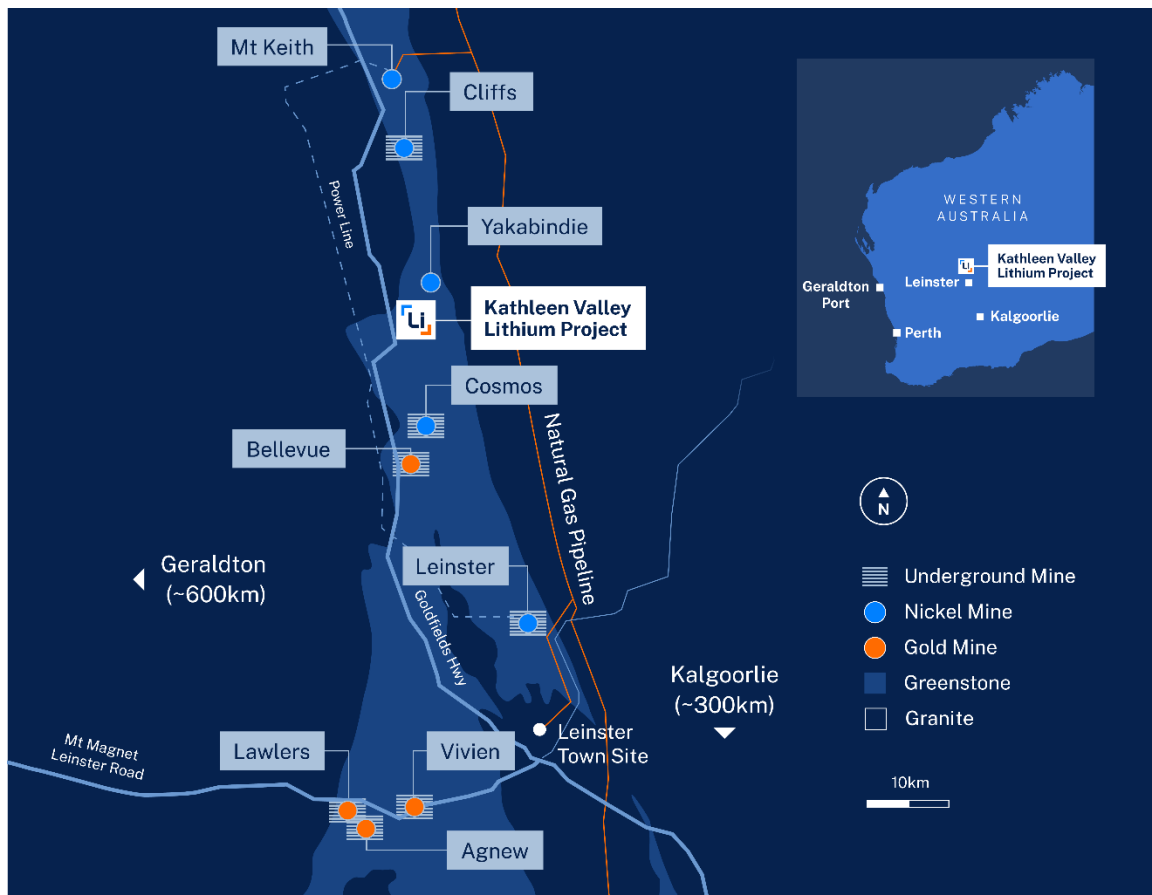


Figure 13: Kathleen Valley Lithium Project – Location and Geology Map

Appendix 2

Competent Person Statements

The Information in this Report that relates to Mineral Resources for the Kathleen Valley Project is extracted from the ASX announcement “Strong progress with Kathleen Valley Definitive Feasibility Study as ongoing work identifies further key project enhancements” released on 8 April 2021 which is available on www.ltresources.com.au. The Company confirms that it is not aware of any other new information or data that materially affects the information included in the original market announcement and 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.

Kathleen Valley Project – Mineral Resource Estimate as at April 2021

Resource category	Tonnes (Million)	Li ₂ O (%)	Ta ₂ O ₅ (ppm)
Measured	20	1.3	145
Indicated	109	1.4	130
Inferred	27	1.3	113
Total	156	1.4	130

- Notes:
- Reported above a Li₂O cut-off grade of 0.55%.
 - Tonnages and grades have been rounded to reflect the relative uncertainty of the estimate.

The Information in this Report that relates to Exploration Results for the Buldania Project is extracted from the ASX announcement “Positive Drilling Results Confirm Growth Potential at Buldania Lithium Project, WA” released on 21 March 2022 which is available on www.ltresources.com.au. The Company confirms that it is not aware of any other new information or data that materially affects the information included in the original market announcement and 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.

The Information in this Report that relates to Mineral Resources for the Buldania Project is extracted from the ASX announcement “Liontown announces maiden Mineral Resource Estimate for its 100%-owned Buldania Lithium Project, WA” released on 8 November 2019 which is available on www.ltresources.com.au. The Company confirms that it is not aware of any other new information or data that materially affects the information included in the original market announcement and 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.

Anna Deposit, Buldania Project – Mineral Resource as at October 2019

Resource category	Tonnes (Million)	Li ₂ O (%)
Indicated	9.1	1.0
Inferred	5.9	1.0
Total	15.0	1.0

- Notes:
- Reported above a Li₂O cut-off grade of 0.5%
 - Tonnages and grades have been rounded to reflect the relative uncertainty of the estimate

Appendix 3

The following information is provided in accordance with ASX Listing Rule 5.3 for the Quarter.

1. Listing of tenements held in Australia (directly or beneficially):

Country	Project	Tenement No.	Registered Holder	Nature of interests		
Australia	Kathleen Valley	M36/264	LRL (Aust) Pty Ltd (wholly owned subsidiary of Liontown Resources Limited).	100% - nickel claw back rights retained by other party		
		M36/265				
		M36/459				
		M36/460				
		M36/696	LRL (Aust) Pty Ltd	100%		
		E36/879				
		L36/236				
		L36/237				
		L36/248				
		L36/250				
		L36/251				
		L36/255				
		L36/256				
		L36/261				
		L36/262				
		L36/263				
		L36/270				
		L53/253				
		L53/254				
		L53/255				
		L53/256				
		G36/52			LRL (Aust) Pty Ltd	0% - pending application
		L53/263				
		L53/264				
		L53/265				
		L36/264				
		L36/265				
		L36/266				
		L36/267				
		L36/268				
		L53/266				
		L53/267				
E36/1041						
L36/271						
L36/272						
L36/273						

Country	Project	Tenement No.	Registered Holder	Nature of interests
		L36/274		
		L36/275		
		L36/276		
		L36/278		
		L36/279		
		L36/280		
		L53/272		
		L53/273		
		L53/274		
		L53/277		
		L53/278		
		L53/279		
		L53/280		
		L53/281		
		L53/282		
		L53/283		
		L53/284		
		L53/285		
		L53/286		
		L53/287		
		L53/288		
		L53/289		
		L53/290		
		L36/281		
	L36/282			
	L36/283			
	Buldanía	E63/856	Avoca Resources Pty Ltd	100% of rights to lithium and related metals secured by Lithium Rights Agreement
		P63/1977		
		M63/647		
		M63/676	0% - pending application	
		E63/1660	Buldanía Lithium Pty Ltd	100%
		E63/2267	LRL (Aust) Pty Ltd	0% - pending application
	E63/2268			
Monjebup	E70/6042	LBM (Aust) Pty Ltd	100%	
	E70/6043			
	E70/6044			

2. Listing of tenements acquired (directly or beneficially) during the quarter:

Nil

3. Tenements disposed, relinquished, reduced or lapsed (directly or beneficially) during the quarter:

Nil

4. Listing of tenements applied for (directly or beneficially) during the quarter:

Country	Project	Tenement No.	Registered Holder	Nature of interests
Australia	Kathleen Valley	L53/277	LRL (Aust) Pty Ltd	0% - pending application
		L53/278		
		L53/279		
		L53/280		
		L53/281		
		L53/282		
		L53/283		
		L53/284		
		L53/285		
		L53/286		
		L53/287		
		L53/288		
		L53/289		
		L53/290		
		L36/281		
		L36/282		
		L36/283		

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

Liontown Resources Ltd

ABN

39 118 153 825

Quarter ended ("current quarter")

30 June 2023

Consolidated statement of cash flows	Current quarter	Year to date (12 months)
	\$A'000	\$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers	-	-
1.2 Payments for		
(a) exploration & evaluation	(4,682)	(10,391)
(b) development	-	-
(c) production	-	-
(d) staff costs	(2,533)	(6,931)
(e) administration and corporate costs ¹	(1,803)	(8,819)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	2,962	10,820
1.5 Interest and other costs of finance paid	(311)	(322)
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	-	-
1.8 Other (Business Development) ²	(379)	(1,060)
Other (Corporate Recharges) ³	1	79
1.9 Net cash from / (used in) operating activities	(6,745)	(16,624)

1. Includes GST arising from investing and financing activities in accordance with UIG 1031.

2. Relates to business development costs including offtake and financing activities.

3. Receipt of corporate recharges from Minerals 260 Ltd.

2. Cash flows from investing activities		
2.1 Payments to acquire:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	(2,551)	(3,570)
(d) exploration and evaluation	-	-
(e) investments ⁴	(5,003)	(11,403)
(f) other non-current assets - mine properties in development ⁵	(103,672)	(229,268)

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter	Year to date (12 months)
		\$A'000	\$A'000
2.2	Proceeds from the disposal of:	-	
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	16
	(d) investments	-	-
	(e) 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	(111,226)	(244,225)

4. Relates to refundable security payments for the \$25 million guarantee with Export Finance Australia and other guarantee security payments.

5. Includes costs associated with the development of the Kathleen Valley Project.

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	298
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of share options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(25)	(48)
3.5	Proceeds from borrowings	118,749	118,749
3.6	Repayment of borrowings ⁶	(408)	(561)
3.7	Transaction costs related to loans and borrowings ⁷	-	(5,227)
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	Net cash from / (used in) financing activities	118,316	113,211

6. Repayments related to lease liabilities.

7. Costs associated with the Ford debt facility.

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	305,093	453,076
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(6,745)	(16,624)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(111,226)	(244,225)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	118,316	113,211
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	305,438	305,438

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5. Reconciliation of cash and cash equivalents	Current quarter	Previous quarter
at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	\$A'000	\$A'000
5.1 Bank balances	304,467	305,093
5.2 Call deposits	-	-
5.3 Bank overdrafts	-	-
5.4 Other (provide details) ⁸	971	-
5.5 Cash and cash equivalents at end of quarter (should equal item 4.6 above)	305,438	305,093

8. Retention funds held in trust under the Building and Construction Industry (Security of Payment) Act 2021.

6. Payments to related parties of the entity and their associates

- 6.1 Aggregate amount of payments to related parties and their associates included in item 1
- 6.2 Aggregate amount of payments to related parties and their associates included in item 2

Current quarter
\$A'000
376
-

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

7. Financing facilities available

Note: the term "facility" includes all forms of financing arrangements available to the entity.

Add notes as necessary for an understanding of the sources of finance available to the entity.

- 7.1 Loan facilities^A
- 7.2 Credit standby arrangements
- 7.3 Other (please specify)
- 7.4 **Total financing facilities**

Total facility amount at quarter end	Amount drawn at quarter end
\$A'000	\$A'000
300,000	118,749
-	-
-	-
300,000	118,749

7.5 Unused financing facilities available at quarter end

181,251

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

A: On 29 June 2022 Lontown executed a Funding Facility with a Ford subsidiary (see ASX announcement "Lontown executes Binding Offtake Agreement with Ford" on 29 June 2022). The senior-secured debt facility of A\$300 million has an interest rate of BBSW + 1.5% and a maturity date of 5 years from supply commencement date. The facility has security over the Kathleen Valley project assets and shares in the borrower (a wholly owned subsidiary of Lontown Resources Limited).

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (item 1.9)	(6,745)
8.2 Payments for exploration & evaluation classified as investing activities (item 2.1(d))	-
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(6,745)
8.4 Cash and cash equivalents at quarter end (item 4.6)	305,438
8.5 Unused finance facilities available at quarter end (item 7.5)	181,251
8.6 Total available funding (item 8.4 + item 8.5)	486,689
8.7 Estimated quarters of funding available (item 8.6 divided by item 8.3)⁹	72
<p>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "NA". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</p>	
<p>8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:</p>	
<p>8.8.1 <input type="checkbox"/> Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?</p>	
<p>Answer: Not Applicable</p>	
<p>8.8.2 <input type="checkbox"/> Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?</p>	
<p>Answer: Not Applicable</p>	
<p>8.8.3 <input type="checkbox"/> Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?</p>	
<p>Answer: Not Applicable</p>	
<p>Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.</p>	
<p>9. The prescribed calculation excludes outgoings related to other investing activities. Outgoings in section 2.1 (f) relate to development expenditure on the Kathleen Valley Project which is the main activity of the Company. If this were to be included in the Estimated quarters of funding available calculation, the number of quarters would reduce from 72 to 4.</p>	

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.

Date:28 July 2023.....

Authorised by:By the board.....
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow 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. If this quarterly cash flow 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.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.