



December Quarter 2024 Presentation

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21 January 2025

ASX: [LTR](#)

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Important Information

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This Presentation contains forward-looking statements which are identified by words such as 'may', 'could', 'believes', 'estimates', 'targets', 'guides', 'expects', 'anticipates', 'indicates' or 'intends' and variations of these words or other similar words that involve risks and uncertainties. Forward looking statements in this Presentation include, but are not limited to, the 2H FY25 Guidance and specific financial and operating parameters including ore processed, progressing grade, recoveries, unit operating costs, sustaining capital, mine development capital, growth capital, concentrate produced and concentrate sold. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions regarding future events and actions that, as at the date of this Presentation, are considered reasonable.

Key assumptions on which the Company's forward-looking statements are based include, without limitation, assumptions involved in the estimation of the Kathleen Valley Ore Reserve as well as, in particular, assumptions regarding the mining method and schedule (including the transition to underground mining in FY26), targeted throughput volumes and grade, recoveries, operating and capital costs. Forward-looking statements may be further based on internal estimates and budgets existing at the time of assessment which may change over time, impacting the accuracy of those statements. These estimates have been developed in the context of an uncertain operating environment resulting from, among other things, inflationary macroeconomic conditions, general market forces applying to the price of the Company's targeted commodity and the risks and uncertainties associated with mining and project development, including in particular, the commissioning and ramp up of the Kathleen Valley Operation which may delay or impact the production and sales estimates set out in this Presentation.

Such forward-looking statements are not a guarantee of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, the Directors and the management. This Presentation is not exhaustive of all factors which may impact the forward-looking statements. The Directors cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this Presentation will actually occur and investors are cautioned not to place undue reliance on these forward-looking statements. The Directors have no intention to update or revise forward-looking statements, or to publish prospective financial information in the future, regardless of whether new information, future events or any other factors affect the information contained in this Presentation, except where required by law or the ASX listing rules.

All references to dollars (\$) and cents in this announcement are to Australian dollars, unless otherwise stated.

Information in this Presentation regarding productions targets were first reported on 11 November 2024 in the ASX Announcement "Kathleen Valley update and H2 FY25 guidance" and are underpinned by the Company's existing Ore Reserves that have been prepared by a Competent Person in accordance with the JORC Code (2012 Edition) as released in the ASX announcement "Kathleen Valley DFS confirms Tier-1 global lithium project with outstanding economics and sector-leading sustainability credentials" on 11 November 2021 and as updated in the "Ore Reserve and Mineral Resources Statement" contained within the "FY24 Annual Report" on 27 September 2024. The production target is underpinned by Proved Ore Reserves (19%) and Probable Ore Reserves (81%). 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 announcements 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.

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Authorisation

This Presentation has been authorised for release by the Managing Director, Mr Tony Ottaviano.

The best strategies endure the cycles; ours is unchanged.

Kathleen Valley Full Potential

Become a globally significant sustainable supplier of spodumene

Downstream Expansion

Become a vertically integrated supplier to capture higher margins, create new supply chains

Liontown Full Potential

Expand portfolio through organic growth, value accretive M&A and exposure to the circular economy

ESG Performance - December Quarter 2024

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Safety

LTIFR
0.66

TRIFR
4.59

ESG

Renewable
Power
82%

Female
Workforce
23%
Increasing industry benchmark

Tjiwarl business
contracted for
light vehicle
maintenance
(photo)



Notes:

- 1. LTIFR: Lost Time Injury Frequency Rate; TRIFR: Total Reportable Injury Frequency Rate representative of rolling annual averages

Ngatjila contract signing

Highlights - December Quarter 2024



Kathleen Valley ramp-up continued to deliver strong performance, achieving positive net cashflow from operating activities in just the second quarter post first production

Mining

1.17Mt

ore mined for the quarter
(open pit + underground,
incl OSP)

(2.8Mt total material mined)

Processing

619k dmt

processed in the quarter

~2.4Mtpa

annualised run-rate

Plant

89% average SAG mill
availability for quarter
(92% in December)

55% average lithia recovery
for quarter (59% in December)

Production

88,683 dmt

spodumene concentrate
produced

246 dmt tantalite produced

Sales

81,341 dmt

concentrate shipped
(5.2% Li₂O weighted average
concentrate grade)

Operating cash flow

\$16.7M

net cash from operating
activities²

Notes:

1. Production and plant metrics represent the period 1 October 2024 to 31 December 2024.

2. Cash commissioning costs of A\$5.2m, associated with the ramp-up of the Kathleen Valley processing plant were capitalised during the quarter. In a steady state operation, these costs would be considered operating costs. As a result, adjusted net cash from operating activities were A\$11.5m.

Mining Performance

Record quarter for mining

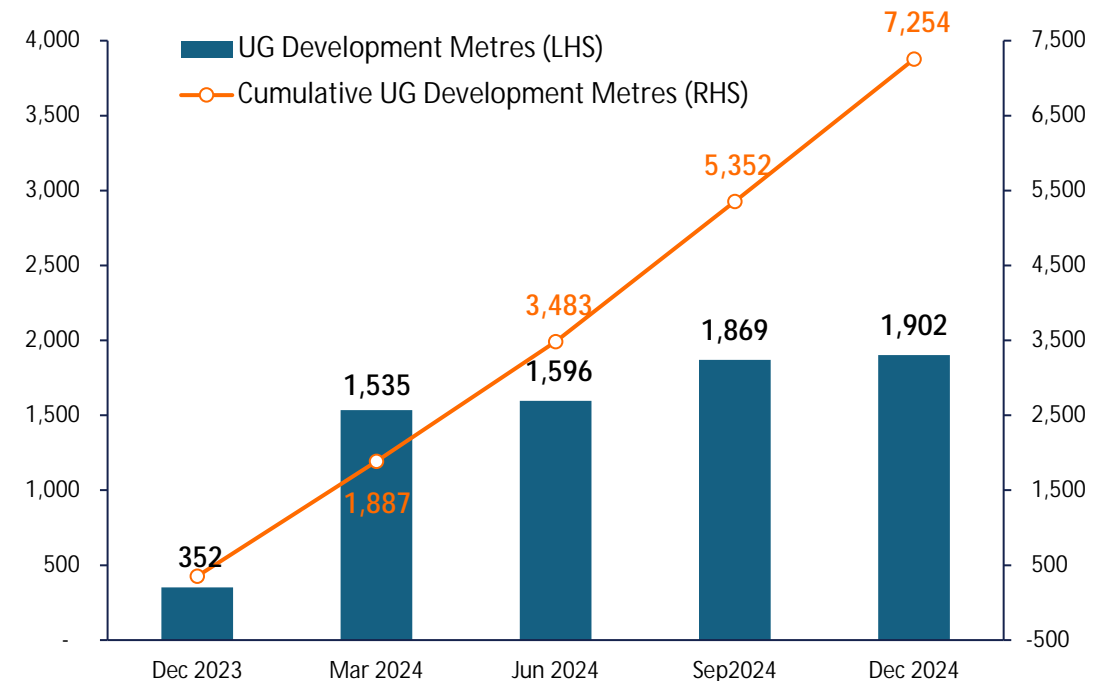
Kathleen's Corner Open Pit

- Focus on the main ore bench and ROM stockpiles for FY26 transition, with 2.6Mt material moved this quarter
- Ore recovered from main ore bench exceeded expectation, contributing to total stockpiles >1.3Mt at quarter end
- Demobilised excavator and truck fleet as part of cost-saving initiatives executed during the quarter

Underground

- 1,902 metres of development completed this quarter; with ~7,254 total metres since November 2023
- 32,448 tonnes of clean ore mined, with high jumbo productivity (average 317 metres per jumbo per month)
- Production stoping activities remain on track for Q4 FY25
- Mobilisation of third jumbo deferred until early CY26, in line with rebased 2.8Mt mine plan

Underground Development Metres



Qtr since commencing mining operations
(November 2023 - December 2024)

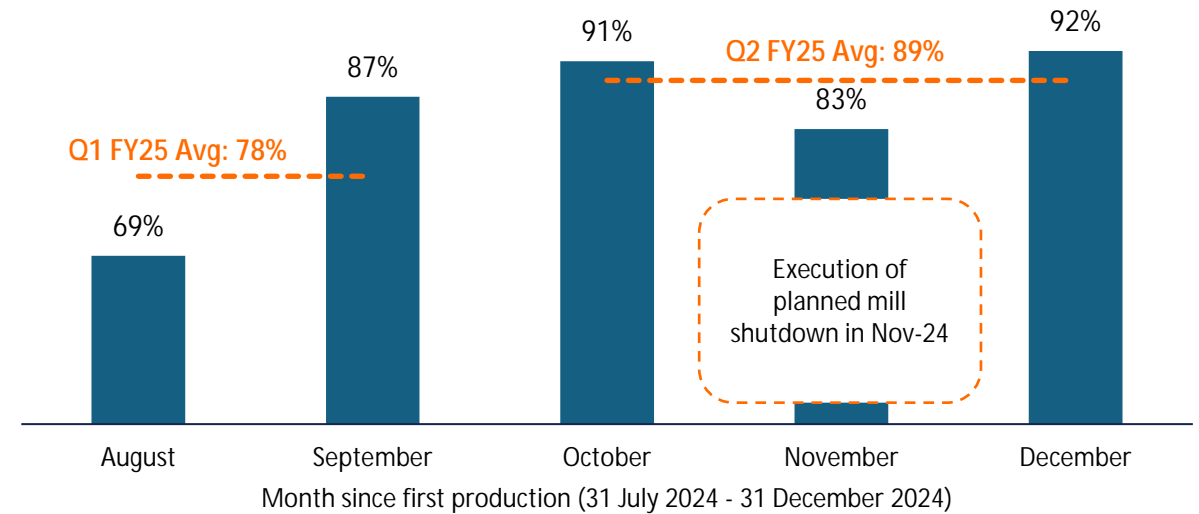
Plant Performance

Ramp-up progress continues to meet or exceed expectations

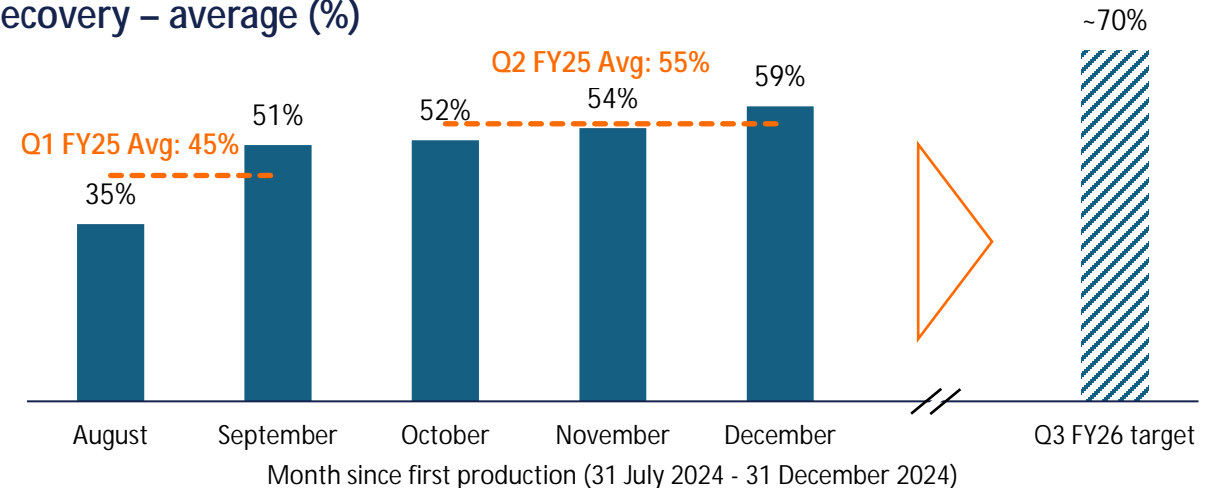
- Mill throughput exceeding targets, processed 619kt dry metric tonnes for the quarter
- SAG mill availability averaged ~89% for the quarter, reaching 92% average in December
- Lithia recovery increased by 23% or 10 percentage points (55% vs 45% in Q1 FY25); achieved 59% monthly average in December. Targeting ~70% by Q3 FY26
- Produced 88,683 dmt spodumene concentrate at 5.2% Li₂O weighted average grade for quarter



Plant Availability – average (%)



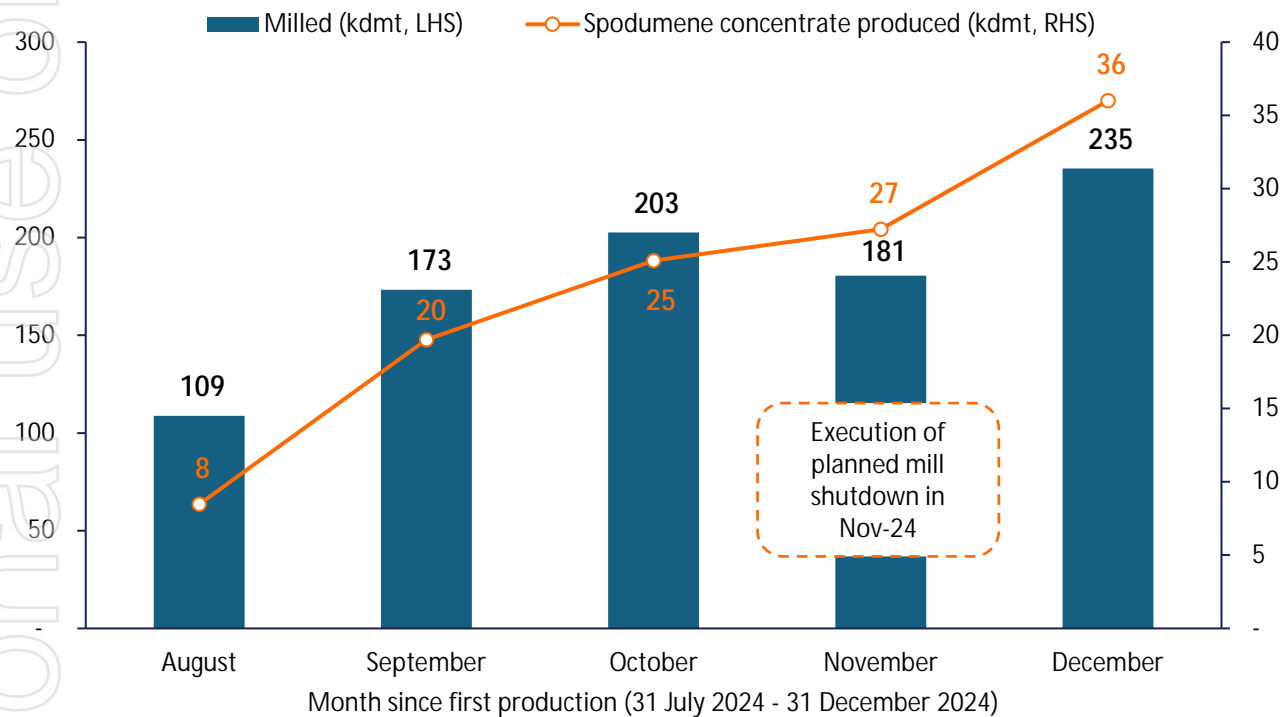
Recovery – average (%)



Production and Sales

Over 100,000 wmt (92,172 dmt) of spodumene concentrate shipped since the commencement of production at Kathleen Valley in July 2024

Plant throughput and spodumene concentrate production



Spodumene concentrate production:

- 88,683 dmt produced at 5.2% Li₂O weighted average grade for the quarter
- December saw a record 36,368 dmt produced

Shipments and Sales:

- 81,341 dmt of spodumene concentrate shipped in the quarter, with average realised price of US\$806 per tonne of SC6e²
- First tantalite produced and delivered to customers
- First shipment to long-term offtake partner LG Energy Solution
- Commercial production called with the Company's second long-term offtake customer in January 2025 (subsequent to the end of the December 2024 quarter)

Market Outlook

- Strong inbound interest from customers for any available spodumene tonnes

Notes:

1. Charts show actual performance from first ore feed to mill i.e. includes all ore commissioning activities and ramp up
2. SC6 equivalent basis

Dec Qtr FY25 - Summary Operational and Financial Metrics

Solid financial performance with net cash from operating activities of \$16.7 million¹ and \$192.9 million in cash at 31 December 2024.

Production and Sales	Units	Q2 FY25	Q1 FY25	Δ (%)
Spodumene concentrate production	dmt	88,683	28,171	215%
Spodumene concentrate sales	dmt	81,341	10,831	651%
Average Li ₂ O grade shipped	%	5.2	5.3	(1.5%)
Concentrate inventories	dmt	24,904	16,598	50%
Realised price	US\$/dmt SC6e ²	806	846	(5%)
Tantalite concentrate production	dmt	246	-	N/A

Financial Metrics	Units	Q2 FY25	Q1 FY25	Δ (%)
Revenue	A\$m	89.8	11.6	674%
Unit Operating Costs (FOB) ^{3,4}	A\$/SC6e dmt sold	1,000	N/A	N/A
	US\$/SC6e dmt sold ²	652	N/A	N/A
All In Sustaining Cost (AISC) ^{3,5}	A\$/SC6e dmt sold	1,170	N/A	N/A
	US\$/SC6e dmt sold ²	763	N/A	N/A
Cash	A\$m	192.9	263.1	(27%)

Notes:

1. Cash commissioning costs of \$5.2m, associated with the ramp-up of the Kathleen Valley processing plant were capitalised during the quarter. In a steady state operation, these costs would be considered operating costs. As a result, adjusted net cash from operating activities was \$11.5m.
2. Based on an AUD:USD exchange rate of 0.6520 being the average exchange rate for the December Quarter.
3. The Company has not declared commercial production at the Kathleen Valley processing plant as at 31 December 2024 and is currently capitalising commissioning costs in accordance with accounting standards. Notwithstanding this, the above Unit Operating Costs and AISC have been calculated as if commercial production had been declared from the commencement of the December Quarter.
4. Unit operating cost (FOB excluding sea freight and royalties) is calculated on a SC6e basis and includes mining, processing, transport, port charges, and site based general and administration costs and is net of any tantalite by-product credits. It is calculated on an incurred basis and includes inventory movements and credits for capitalised mine costs, and it excludes depreciation of fixed assets and right of use leases, and amortisation of capitalised mine costs.
5. AISC includes unit operating costs, royalties, lease payments and sustaining capital.

Revenue

- \$89.8 million revenue for the quarter

Unit Operating Costs (FOB)

- \$1,000/SC6e dmt sold
- Unit operating costs and AISC expected to normalise as ramp-up progresses

Capital

- \$45 million in capital expenditure payments related to KV Project construction costs
- Approximately \$11m remaining to be paid in H2 FY25

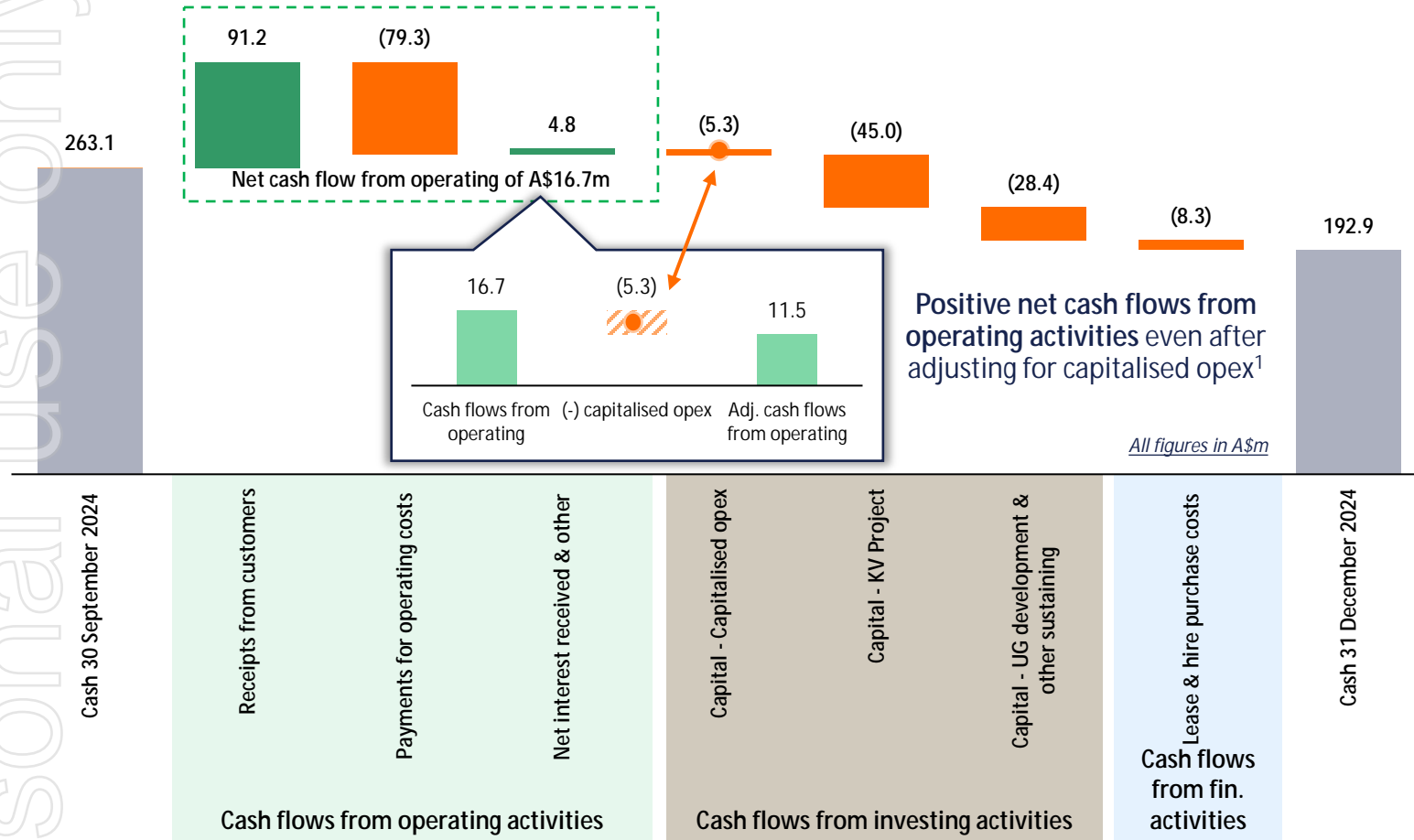
Cash

- Strong financial position, with \$192.9 million cash on hand at the end of the Quarter
- A further \$11.9m was received post end of quarter for a shipment on 25 December 2024

Cashflows reflect transition into production

Solid financial performance with net cash from operating activities of \$16.7 million² and \$192.9 million in cash at 31 December 2024.







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- \$91.2m cash receipts from customers in quarter
- Additional \$11.9m cash received in January 2025 for shipment on 25 December 2024
- Positive cashflow from operating activities of \$11.5m on an adjusted basis²
- Of the \$78.7m of cash flows from investing activities, \$45m was attributable to Kathleen Valley Project capital –
 - Total Kathleen Valley Project capital reduced by approx. \$10m, with \$11m remaining to be paid across the next 6 months
- Strong end of quarter cash position of \$192.9m
- 25k dmt saleable concentrate inventory plus 1.3Mt stockpiled ore at quarter end

Notes:
 1. Accounted for in cash flows from investing activities
 2. Cash commissioning costs of A\$5.2m, associated with the ramp-up of the Kathleen Valley processing plant were capitalised during the quarter. In a steady state operation, these costs would be considered operating costs. As a result, adjusted net cash from operating activities was A\$11.5m.

Performance summary

-  Safety continues to be our priority and ESG performance remains at the forefront – LTIFR of 0.66 (rolling annual average)
-  81,341 dmt spodumene concentrate shipped for the quarter, at 5.2% Li₂O weighted average grade. Tantalite sales commenced
-  A\$89.8 million in revenues, with positive net cash flow of \$16.7 million (\$11.5m adjusted) in first full quarter of production. \$192.9 million cash 31 December 2024, with further \$11.9 million in receivables for cargo in late December
-  Ramp-up continues to deliver strongly – record quarter for mining and processing output, meeting or exceeding plan
-  Key operating metrics performing strongly in ramp-up phase - including costs (e.g. AISC:¹ A\$1,170/t or US\$763/t), productivity (e.g. 317 meters per jumbo per month) and plant performance (e.g. 92% mill availability and 59% recovery average in December)
-  H2 FY25 guidance maintained, noting ~\$5 million project capital deferred from H1 to be incurred H2 FY25

Continued strong delivery and solid financial position provides robust foundation for future value creation

Notes:

1. All In Sustaining Cost SC6e FOB. The Company has not declared commercial production at the Kathleen Valley processing plant as at 31 December 2024 and is currently capitalising commissioning costs in accordance with accounting standards. Notwithstanding this, the above Unit Operating Costs and AISC have been calculated as if commercial production had been declared from the commencement of the December Quarter. Based on 0.6520 AUD:USD Fx.



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Appendix: Physicals Summary

Mining	Units	Q2 FY25	Q1 FY25	Δ (%)
Open pit ore mined (incl OSP)	kt	1,138	589	93%
Open pit waste mined	kt	1,506	3,361	(55%)
Strip ratio (BCM)	waste:ore	1.2	5.1	(76%)
Average Li ₂ O grade mined (open pit)	%	1.3	1.2	8%
Underground mining development metres	m	1,902	1,869	2%
Underground ore mined (incl OSP)	kt	32	19	68%
Underground waste mined	kt	145	168	(14%)
Stock Inventory	Units	Q2 FY25	Q1 FY25	Δ (%)
ROM clean ore stockpile	kt	613	309	98%
OSP stockpile	kt	599	261	130%
Post crusher stockpile	kt	83	104	(20%)
Concentrate inventory	kt	25	17	47%
Processing	Units	Q2 FY25	Q1 FY25	Δ (%)
Ore processed	kdmt	619	282	120%
Lithia feed grade (quarter average)	%	1.3	1.2	15%
Plant availability	%	89	52	71%
Lithia recovery	%	55	45	22%

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