

30 September 2026

## Kathleen Valley Expansion Final Investment Decision

**Board approves Kathleen Valley Expansion, lifting five-year steady-state average concentrate production to ~780,000 dmt a year**

### Key points

- FID approved to expand Kathleen Valley, lifting steady-state spodumene concentrate production to a targeted five-year average of ~780,000 dmt a year from FY30 (on an SC5.4 basis), peaking at more than 800,000 dmt in FY34, with ore processing capacity increasing from approximately 2.8 Mtpa to 4.2 Mtpa.<sup>1</sup>
- Approved expansion capital of \$389 million<sup>2</sup> (inclusive of previously announced FY27 expansion expenditure of \$60-70 million and contingency), with forecast payback from incremental cashflows of approximately 2.5 years from the end of construction<sup>3</sup>.
- Main scope of works includes:
  - **Mining (\$145 million):** pre-production mine development, resource definition drilling and enabling infrastructure.
  - **Processing and non-process infrastructure (\$244 million):** addition of a ball mill and upgrades to the magnetic circuit, flotation circuit, concentrate handling, tailings management, paste plant, power distribution, water and accommodation.
- Targeted average steady-state unit operating costs of \$840-\$920/dmt FOB and sustaining capital of \$90-\$100 million a year for five years from FY30.
- Additional spodumene concentrate to be sold through a combination of spot sales and potential new offtake arrangements. The tonnes are uncommitted, which provides flexibility to consider customer pre-payments and offtake contracts linked to spodumene prices as well as spot.
- Expansion intended to be funded through existing cash and operating cash flow based on consensus pricing forecast and scheduled for completion by the end of Q2 FY29.
- FY27 guidance for concentrate production (390,000–440,000 dmt) and unit operating costs (\$1,050–1,250/dmt sold FOB) is unchanged. FY27 total capital expenditure guidance is updated to \$435–495 million (from \$320-370 million) to include Expansion capital approved at FID.
- An estimated 210 full-time equivalent (FTE) roles created during construction, plus a further 185 ongoing roles at Kathleen Valley once the Expansion is complete, across Liontown and our contractor partners.

<sup>1</sup> Refer to Cautionary Statement on page 2.

<sup>2</sup> Capital costs are stated in real terms (A\$, as at 30 September 2026) and exclude general inflation.

<sup>3</sup> Construction completion is estimated at the end of Q2 FY29.

**Cautionary Statement:**

The production inventory and forecast financial information referred to in this announcement comprise Proved Ore Reserves (6%), Probable Ore Reserves (72.5%) and Inferred Mineral Resources (21.5%). The Inferred material included in the inventory is 18.7Mt @ 1.24% Li<sub>2</sub>O. The inferred material has been scheduled such that less than 9% of the Inferred material is mined in the first five years (which is expected to cover the payback period) and less than 21% of the Inferred material is mined in the first 10 years, with the remainder mined through to the end of the mine life.

The Inferred material does not have a material effect on the technical and economic viability of the Expansion. There is a lower level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised.

Liontown Limited (ASX: LTR) (the **Company**) is pleased to announce that its Board of Directors has made the Final Investment Decision (**FID**) to proceed with the Kathleen Valley Expansion (the **Expansion**).

The Expansion is expected to deliver first incremental tonnes in FY28, targeting steady-state five-year average annual production ~780,000 dmt per annum of spodumene concentrate (SC5.4) from FY30, anticipated to peak at over 800,000 dmt in FY34.

Total approved capital related to the Expansion is \$389 million (inclusive of the \$60-70 million of previously announced pre-FID expenditure in FY27 and contingency) and will be spent between FY27 and FY29.

The Expansion represents efficient capital expenditure by debottlenecking the process plant, which was designed and built to scale up. The decision to proceed with the Expansion is timed to take advantage of the built-in optionality, supported by improved market conditions, and is in line with the Company's strategy of developing Kathleen Valley to its full potential.

**Liontown's Managing Director and CEO, Tony Ottaviano, said:**

*"The Kathleen Valley Expansion is expected to lift our concentrate production by over 50% to a five-year average of 780,000 dmt from FY30, making Kathleen Valley one of the most significant hard-rock operations in the world.*

*"The scale of the expansion brings two advantages, in lower unit costs and the ability to play a more meaningful role with our customers and with participants across the battery value chain.*

*"This expansion is capital efficient with one of the lowest capital costs per tonne among recent brownfield lithium projects and will be fast to market, as much of our operation was built for this expansion from day one.*

*"Our internal analysis uses the market's forecast for pricing and supports our intention to fund this expansion from our own balance sheet and operating cash flow.*

*"When the Expansion is completed, it gives Kathleen Valley a scale that positions Liontown for sustained performance through the cycle, not just in the good years."*

## Expansion

The decision to proceed with the expansion of the Kathleen Valley Lithium Operation is expected to lift concentrate production from Kathleen Valley to an average of approximately 780,000 dmt a year over the first five years of steady state production from FY30, peaking at over 800,000 dmt in FY34. Delivering this increase is in line with the Company's strategy of developing Kathleen Valley to its full potential and requires coordinated investment across the underground mine, the processing plant and supporting site infrastructure, as set out below.

Additional investment in the underground mine is expected to lift the ore mining rate from the 2.8 Mtpa targeted under the November 2024 mine plan to a sustained rate of approximately 4.1 Mtpa from FY30.

The expansion of the process plant focuses on adding a ball mill to the grinding circuit and debottlenecking the existing plant. Together, these are expected to lift processing capacity to match the expanded mining rate.

The Expansion will be delivered by a dedicated Owner's team. Key long-lead items, including the ball mill, were ordered as part of the early works, reducing schedule risk. Construction work on site has commenced as part of the early works, with completion of the Expansion expected by mid-FY29.

## Mining

Following completion of the Kathleen's Corner Open Pit in December 2025, Kathleen Valley is a fully underground mine.

The November 2024 mine plan was designed to deliver a 2.8 Mtpa production rate from the end of FY27, focusing on high-margin tonnes from the Mount Mann Underground to adapt to the low-price lithium environment. This necessitated deferring mining of Kathleen's Corner Underground (formerly named North West Flats) until FY31.

As part of the Expansion, development of Kathleen's Corner Underground has now been accelerated to complement the Mount Mann Underground, made possible by the embedded expansion optionality in the November 2024 mine plan. Each ore body is intended to operate independently, with its own infrastructure and multiple access points designed for operational flexibility. An optimised mine design, including access to the Kathleen's Corner Underground from the existing Open Pit, reduces underground development by approximately 45,000m compared to the previous design.

The mining scope includes development and resource definition drilling for Kathleen's Corner Underground, and fixed infrastructure including electrical substations and primary ventilation.

Under the updated mine plan, ore mining rates increase progressively from FY27, reaching a sustained rate of approximately 4.1 Mtpa by the end of FY29.

The production targets for the Kathleen Valley Lithium Operation (as Expanded) are underpinned by the Company's existing Mineral Resources and Ore Reserves that have been prepared by a Competent Person in accordance with the JORC Code (2012 Edition) and announced to the ASX on 25 September 2025 and as updated in the FY26 Annual Report released on 31 August 2026, which are available at [www.liontown.com](http://www.liontown.com).

### Processing and non-process infrastructure

Kathleen Valley's process plant was originally built with a design capacity of ~2.8 Mtpa with optionality to accommodate future expansion.

Expansion of the process plant is focused on utilising latent capacity in a plant already built to scale to 4.2 Mtpa. Design capacity will be increased from 2.8 Mtpa to 4.2 Mtpa by installing a new ball mill in the grinding circuit, upgrading magnetic separation, and debottlenecking the tailings line, pumps, and piping. The paste plant will be upgraded for dual-train operation, and targeted improvements will be made to the existing crushing and screening circuit.

Upgrades to the site's paste plant, will also include additional binder storage, upgraded mixers and a third paste pump to allow both processing trains to operate simultaneously.

**Concentrate Production Profile (kdmmt)**

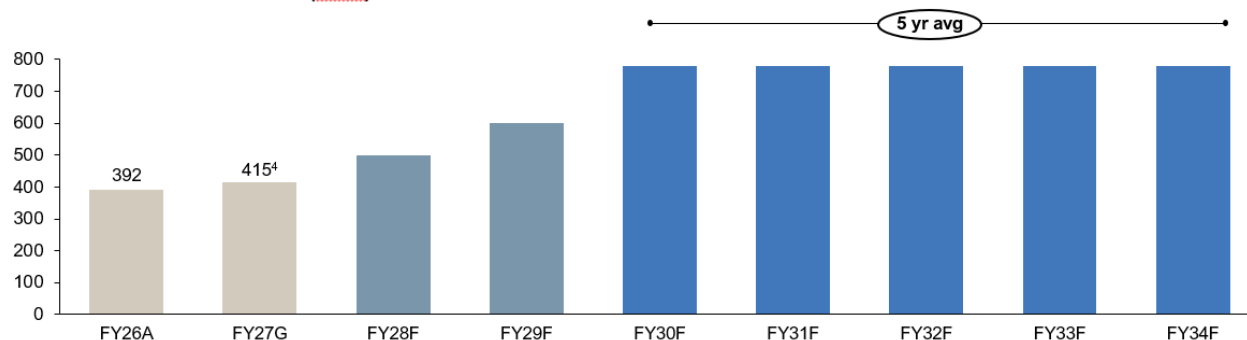


Figure 1 Indicative concentrate production profile (kdmmt)

The Expansion increases expected demand on Kathleen Valley's power, water and accommodation infrastructure as the underground mine and processing plant ramp up. The Expansion scope includes additional power distribution. We are also working with our power provider to upgrade the power station with additional thermal, solar and battery storage, keeping the operations aligned with our target of more than 60 per cent renewable energy as demand grows.

Additional tailings storage capacity has also been scoped for development from the early 2030s, extending the site's tailings capacity beyond its existing facility.

The site's accommodation village will be expanded to support a larger operating workforce, with an estimated additional 185 ongoing FTE roles from across Liontown and our contractor partners, together with a temporary camp for the construction workforce during the delivery period.

<sup>4</sup> Represents midpoint of FY27 guidance for concentrate production.

### Capital estimate

The approved capital estimate for the Expansion is \$389 million (inclusive of previously announced FY27 expansion expenditure of \$60-70 million and contingency). The capital estimate comprises the following key components:

| Expansion Capital components | \$m        |
|------------------------------|------------|
| Mining <sup>5</sup>          | 145        |
| Processing <sup>6</sup>      | 137        |
| NPI <sup>6</sup>             | 107        |
| <b>Total</b>                 | <b>389</b> |

### Key Expansion Parameters and Assumptions

| Expansion Parameters                                                                | Unit                | Life of Mine (LOM)<br>Total or Average |
|-------------------------------------------------------------------------------------|---------------------|----------------------------------------|
| Scheduled mine ore tonnes                                                           | Mt                  | 87                                     |
| Mine Life <sup>7</sup>                                                              | Years               | 20+                                    |
| 5-year average mining rate from FY30                                                | Mtpa                | 4.1                                    |
| 5-year average processing rate from FY30                                            | Mtpa                | 4.1                                    |
| LOM lithia grade <sup>8</sup>                                                       | % Li <sub>2</sub> O | 1.3                                    |
| Target average plant recovery from FY30                                             | %                   | 78                                     |
| 5-year average spodumene production from FY30 (SC5.4 basis)                         | kdmtpa              | 780                                    |
| Assumed long-term exchange rate <sup>9</sup>                                        | AUD:USD             | 0.73                                   |
| Approved capital estimate (excl. sustaining and optimisation capital) <sup>10</sup> | \$m                 | 389                                    |
| Long-term spodumene concentrate (SC6.0) price <sup>11</sup>                         | US\$/dmt, CIF       | 1,495                                  |

<sup>5</sup> Mine capital development costs have been based on the schedule of rates contained in mining contracts with current third-party mining contractors for the mining contract term and internal estimates for the balance of the estimate.

<sup>6</sup> Estimated in accordance with the AusIMM/AACE cost estimate classification, with growth allowances and contingency consistent with the estimate class.

<sup>7</sup> Mine life beyond 20 years is expected to be optimised in future iterations of the Life of Mine (LOM) schedule.

<sup>8</sup> Includes grade estimates for Inferred Resources as set out in the Cautionary Statement.

<sup>9</sup> Based on Bloomberg median forecast as of 31 August 2026.

<sup>10</sup> Inclusive of previously announced FY27 expansion expenditure of \$60-70 million and contingency. Excludes sustaining, 2.8Mtpa ramp-up development and mine infrastructure and optimisation capital.

<sup>11</sup> Long-term prices of spodumene concentrate SC6, lithium hydroxide, and lithium carbonate are based on September 2026 consensus.

| Expansion Parameters                                                    | Unit        | Life of Mine (LOM)<br>Total or Average |
|-------------------------------------------------------------------------|-------------|----------------------------------------|
| Long-term lithium hydroxide price <sup>11</sup>                         | US\$/t, CIF | 18,260                                 |
| Long-term lithium carbonate price <sup>11</sup>                         | US\$/t, CIF | 17,898                                 |
| 5-Year Average FOB Unit Operating Cost (FY30-34) <sup>12,13,14,15</sup> | \$/dmt sold | 840 – 920                              |
| 5-Year Average Annual Sustaining Capital (FY30-34) <sup>15,16</sup>     | \$m         | 90 – 100                               |
| Undiscounted payback of Expansion <sup>17</sup>                         | Years       | 2.5                                    |

### Approvals and permitting

Most expansion activities were contemplated when Kathleen Valley was established and sit within the enabling permit conditions already agreed with the regulator. Activities relating to all the mining areas of scope and most processing and non-process infrastructure scope of works require no change to the current operating approvals.

Activities that require approval from the WA Department of Water and Environmental Regulation include approval to operate the new Wastewater Treatment Plant at the MSA, water abstraction licences and a Native Vegetation Clearing Permit for footprint increases. The delivery schedule detailed below reflects the anticipated assessment and approval timeframes.

### Expansion delivery and schedule

The Expansion will be delivered by a dedicated Owner's team. Key long-lead items, including the ball mill, were ordered as part of the early works, reducing schedule risk and positioning the Project for construction.

Construction is expected to create an estimated 210 FTE roles, plus an additional 185 ongoing FTE roles post-completion at Kathleen Valley.

Construction work on site has commenced as part of the early works, and the Expansion is scheduled for completion by the end of Q2 FY29, with capital works carried out progressively across FY27, FY28 and FY29 as the mine and processing plant ramp up toward the sustained rates outlined above.

### Mine infrastructure and optimisation

Through the low-pricing cycle, capital was deferred to preserve cash. As part of the Expansion, that scope is being reinstated and sequenced to support the ramp-up. It includes delivery of the permanent Mine Services Area (MSA) and non-process infrastructure (NPI) for both the mine and the plant. The Owner's Team will

<sup>12</sup> Midpoint represents a 5-year average from FY30 once fully ramped up.

<sup>13</sup> Operating costs for the process plant have been based on contracted prices and quotations where available, with internal estimates for inputs and usage rates based on plant performance data from initial commissioning and ramp-up of the process plant, including identified optimisations and expected performance going forward.

<sup>14</sup> Inputs such as power, flights, accommodation, transport and logistics have been based on contracted prices and quotations, with internal estimates for usage rates based on plant performance data for the initial commissioning and ramp-up period of Kathleen Valley, including identified optimisations and expected performance going forward.

<sup>15</sup> Figures are presented in real terms, with no inflation applied.

<sup>16</sup> Includes mine development, mining infrastructure, plant and NPI replacement capex to support steady-state operation.

<sup>17</sup> Payback period is calculated from end of construction.

execute minor upgrades and other optimisation activities to both the process plant and paste plant concurrently.

### Offtake and marketing

The Project increases the volume of spodumene concentrate available to the market. Expansion tonnes remain uncommitted, creating flexibility to consider additional spot sales or potential new customer prepay and offtake contracts priced with reference to a spodumene index. The Company continues to receive regular inbound interest from potential new customers seeking spodumene concentrate offtake contracts.

### Funding

Liontown intends to fund the Project through existing cash (\$561 million at the end of June 2026) and operating cash flow generated by the Kathleen Valley Lithium Operation based on the consensus pricing forecast. The Company has enabled flexibility in the way that capital is deployed and can re-assess scope, defer or stop activities if market conditions change during the lifetime of the Project.

### FY27 guidance

FY27 production and unit operating cost guidance is unchanged. FY27 capital expenditure guidance has been updated to include Expansion capital approved at FID.

| Guidance metric           | Unit             | Previous    | Updated     |
|---------------------------|------------------|-------------|-------------|
| Concentrate production    | kdmt             | 390–440     | 390–440     |
| Unit operating cost       | A\$/dmt sold FOB | 1,050–1,250 | 1,050–1,250 |
| Total capital expenditure | A\$m             | 320-370     | 435–495     |

The increase in capital expenditure guidance reflects \$175-195 million of Expansion capital now scheduled in FY27, inclusive of the \$60–70 million of Expansion expenditure previously announced.

### Kathleen Valley Expansion FID webcast details

Managing Director and CEO, Mr Tony Ottaviano will host a webcast for investors, analysts and media today, at 8:00am (AWST) / 10:00am (AEST) to discuss the Company's Final Investment Decision approval for the Kathleen Valley Expansion Project.

**Webcast registration link:** [Kathleen Valley Expansion Project FID call](#)

This announcement has been approved for release by the Managing Director, Tony Ottaviano.

### Further Information

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## About Liontown

Liontown (ASX:LTR) is a responsible battery minerals provider. With our tier-one credentials, world-class assets and strategic partners, our mission is to power a sustainable future by ensuring a reliable supply of essential minerals. We currently control two major lithium deposits in Western Australia and aim to expand our portfolio through exploration, partnerships and acquisitions. To learn more, please visit: [liontown.com](https://www.liontown.com).

## Competent Person Statement

The Information in this Announcement that relates to Mineral Resources and Ore Reserves for the Kathleen Valley Lithium Operation is extracted from the ASX announcement “Kathleen Valley Mineral Resource and Ore Reserve Update” released on 25 September 2025 and as updated in the “Resources and Reserves” statement contained within the FY26 Annual Report released on 31 August 2026, which are available on [www.liontown.com](https://www.liontown.com).

### Kathleen Valley Mineral Resource at 30 June 2026

| Classification                                       | Million tonnes | Li <sub>2</sub> O % | Ta <sub>2</sub> O <sub>5</sub> ppm |
|------------------------------------------------------|----------------|---------------------|------------------------------------|
| Underground (cut-off grade = 0.6% Li <sub>2</sub> O) |                |                     |                                    |
| Measured                                             | 14             | 1.32                | 140                                |
| Indicated                                            | 106            | 1.36                | 130                                |
| Inferred                                             | 26             | 1.24                | 120                                |
| <i>Sub-total</i>                                     | <i>146</i>     | <i>1.33</i>         | <i>130</i>                         |
| Stockpiles                                           | 0.3            | 1.02                | 140                                |
| <b>Total*</b>                                        | <b>147</b>     | <b>1.33</b>         | <b>130</b>                         |

Notes: Mineral Resources are inclusive of Ore Reserves. | Reported above Li<sub>2</sub>O cut-off grades of 0.6% for underground material, which aligns with the operational activities of Kathleen Valley and the updated Ore Reserve estimate. | Figures have been depleted for mining activities for the relevant FY surfaces. Tonnages and grades have been rounded to reflect the relative uncertainty of the estimate, which may cause inconsistencies in the totals. Ta<sub>2</sub>O<sub>5</sub> grades reported to two significant figures.

### Kathleen Valley Ore Reserves at 30 June 2026

| Category/Class                            | Million tonnes | Li <sub>2</sub> O % | Ta <sub>2</sub> O <sub>5</sub> ppm |
|-------------------------------------------|----------------|---------------------|------------------------------------|
| <b>Stockpiles</b>                         |                |                     |                                    |
| Proved                                    | 0.3            | 1.02                | 139                                |
| <b>Open Pit</b>                           |                |                     |                                    |
| Proved                                    | 0.0            | 0.00                | 0                                  |
| Probable                                  | 0.0            | 0.00                | 0                                  |
| <i>Subtotal Open Pit</i>                  | <i>0.0</i>     | <i>0.00</i>         | <i>0</i>                           |
| <i>Subtotal Open Pit &amp; Stockpiles</i> | <i>0.3</i>     | <i>1.02</i>         | <i>139</i>                         |
| <b>Underground</b>                        |                |                     |                                    |
| Proved                                    | 5.4            | 1.30                | 110                                |
| Probable                                  | 63.1           | 1.32                | 119                                |
| <i>Subtotal Underground</i>               | <i>68.5</i>    | <i>1.32</i>         | <i>118</i>                         |
| <b>Total</b>                              | <b>68.8</b>    | <b>1.32</b>         | <b>118</b>                         |

Tonnages and grades are diluted and reported at a Li<sub>2</sub>O cut-off grade of 0.8%-1.15% (underground stoping) depending on the schedule period (FY2027 and FY2028 onward), mine area (Mt Mann or NW) and mining method. A marginal Li<sub>2</sub>O cut-off grade of 0.5%-0.65% has been used for underground development depending on the schedule period. The Ore Reserve is based on US\$822.50/dmt (stockpiles and open pit) and US\$898/dmt (FY2027), and US\$1,326/dmt (FY2028 onward) (underground) FOB SC6.0 pricing assumptions at US\$:AU\$ exchange rate of 0.70. | Stockpiles, open pit and underground figures exclude ore sort rejects. | Tonnages and grades have been rounded to reflect the relative uncertainty of the estimate, which may cause inconsistencies in the totals.

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 original 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 announcement.

### **Forward Looking Statements**

This Announcement contains forward-looking statements which are identified by words such as 'may', 'estimates', 'targets', 'expects', 'anticipates' or 'intends' and variations of these words or other similar words that involve risks and uncertainties. Forward looking statements in this Announcement include, but are not limited to, the FY27 Guidance, Expansion Capital estimate and specific financial and operating parameters including mining rates, recovery, unit operating costs, sustaining capital, mine development capital and growth capital. 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 Announcement, 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, targeted throughput volumes and grade, recoveries, production rates, operating and capital costs, and future realised prices according to the global spodumene market. 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 ramp-up of the Kathleen Valley Lithium Operation which may delay or impact the production and sales estimates set out in this Announcement.

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 Announcement 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 Announcement, except where required by law or the ASX listing rules.