

Liontown Resources unearths another record thick high-grade lithium intersect at Kathleen Valley

By Lorna Nicholas

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Liontown Resources' latest record intersection is 90m grading 1.3% lithium from 209m down hole.

[Liontown Resources \(ASX: LTR\)](#) has pulled up another record lithium intersection from a current resource expansion drilling program at the Kathleen Valley lithium-tantalum project in Western Australia.

This latest intersection was 90m wide grading 1.3% lithium from 209m down hole.

It beats the previous record intersection of [52m at 1.4% lithium from 199m](#) that was reported in late April.

Mineralisation remains open at depth and to the north-west, with Liontown speculating the results indicate the shallow-dipping Kathleen's Corner pegmatites are merging with the Mt Mann pegmatites at depth.

"With the resource drilling program now in its final phases, we have been able to generate some exceptional results from within what has clearly emerged as a feeder zone for the Kathleen Valley lithium deposit," Liontown managing director David Richards said.

"The combination of this thick, high-grade core to the deposit below the current conceptual open pit, together with the flat lying geometry of the shallower portions of the pegmatite swarm, could potentially drive a significantly larger and deeper open pit that may present a very attractive mining proposition," he added.

Exploring Kathleen Valley

It is expected the drilling program will be finished within the next two weeks and has involved 105 reverse circulation holes.

To-date, total drilling at Kathleen Valley has comprised 294 holes for 43,819m, including 252 reverse circulation holes for 39,257m and 42 diamond core holes for 4,562m.

Liontown has set an exploration target for the project of up to 31 million tonnes at 1.5% lithium and this is in addition to the maiden resource of 21.2Mt at 1.4% lithium and 170 parts per million tantalum.

Metallurgical test work on Kathleen Valley lithium indicates a saleable spodumene concentrate can be produced.

An updated resource estimate is scheduled for release mid-next month and will underpin further feasibility studies including ongoing metallurgical test work.

Prior to market open, shares in Liontown were at \$0.084 each.