



***Where there's smoke,  
there's fire: Charger  
confirms lithium at  
three Bynoe prospects***

ANT and ground gravity survey data is expected to be released next month. Pic: via Getty Images.

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- **Lithium mineralisation flagged at three prospects at Bynoe, next door to 30.6Mt Finniss lithium mine**
- **There are more than 20 prospect areas to test at the Bynoe project mine**
- **Field programs are now planned at Charger's Lake Johnston project**

**Charger Metals says drilling at its Bynoe project in the NT has confirmed lithium and tantalum mineralisation at three prospects.**

The Bynoe project is right next door to Core Lithium's (ASX:CXO) 30.6Mt at 1.31% Li<sub>2</sub>O Finniss lithium mine, which shipped its first 10,000t cargo of spodumene concentrate under long-term offtake agreements earlier this month.

Geochemistry, aeromagnetic programs and open file research completed by Charger Metals (ASX:CHR) indicates that multiple swarms of lithium-caesium-tantalum pegmatites extend from Finniss into Bynoe.

New assay results from 3 diamond drill holes and 60 reverse circulation (RC) drill-holes across 7 prospective target areas have confirmed lithium and tantalum mineralisation at three of the prospects: Enterprise, Utopia and 7Up.

Highlight intersections to-date include:

- **7m at 0.96% Li<sub>2</sub>O from 107m, including 5m at 1.13% Li<sub>2</sub>O from 108m (CBYRC023);**
- **16m at 0.65% Li<sub>2</sub>O from 185m, including 1m at 1.91% Li<sub>2</sub>O from 198m (CBYRC024);**

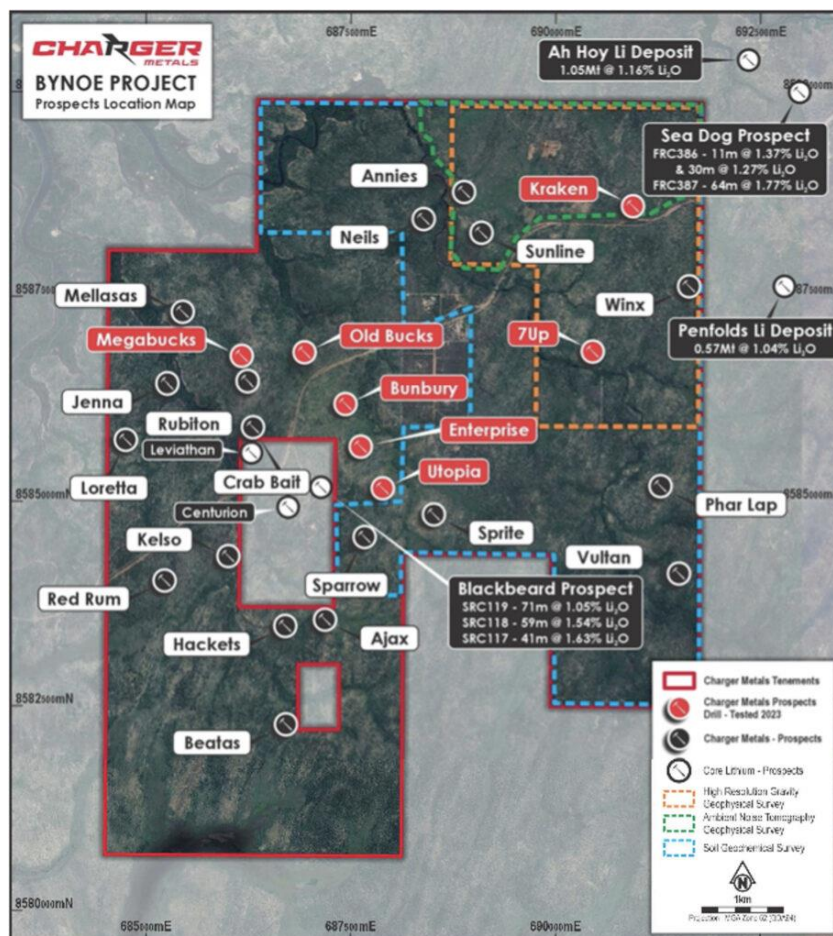
- 12m at 0.49% Li<sub>2</sub>O from 267m, including 4m at 0.84% Li<sub>2</sub>O from 275m (CBYD003);
- 5m at 0.73% Li<sub>2</sub>O from 104m, including 1m at 1.05% Li<sub>2</sub>O from 108m (CBYRC042);  
and
- 6m at 0.50% Li<sub>2</sub>O from 53m (CBYRC051).

## Where there's smoke, there's fire

“We are encouraged by the recent assay results, which confirm our observations of spodumene within pegmatites at three of the seven prospects we have drilled to-date at Bynoe,” Charger’s MD Aidan Platel said.

“Whilst the lithium results have been low-grade, where there is smoke there is fire, and we remain confident of intersecting economic lithium mineralisation given the numerous (>20) prospect areas identified within the large tenement area.”

Assay results for a further 6 holes remain outstanding and are expected over the next four weeks.



Prospect location map of the Bynoe lithium project showing the prospects that have been drill-tested to-date (in red). Core Lithium's nearby deposits and key prospects are shown for reference. Source: Supplied (CHR).

## **ANT and gravity survey data pending**

Ambient Noise Tomography (ANT) and ground gravity surveys have been completed over a large area in the northeast of the project.

The data from the geophysical surveys are being processed and modelled with the aim of detecting any potentially large “blind” pegmatite systems that do not outcrop.

Charger says ground gravity has the potential to detect significant pegmatite systems at Bynoe, particularly when modelled in conjunction with the ANT survey results.

“Given the “masking” effect at surface from the seasonally wet conditions which leach the lithium from the significant weathering profile, lithium exploration at Bynoe is difficult using the more traditional exploration methods (e.g.: rock chip sampling),” Platel said.

“As such, we have completed concurrent ANT and gravity surveys which have the ability to delineate new high priority drill targets that are not apparent at surface, across prospective yet underexplored areas of the Bynoe Project.

“We look forward to seeing the modelled results of these surveys in October.”

Additional infill surface geochemical sampling and mapping programs have also been completed in the northeast.

## **Upcoming drilling at Medcalf**

Charger is also preparing for field programs at its Lake Johnston Project in WA, which will include diamond and RC drill programmes at the Medcalf spodumene prospect, Platel said.

Previous drilling at the Medcalf prospect delineated a swam of stacked spodumene-bearing pegmatites up to 13m thick within a 100m wide, 700m long corridor.

High-grade lithium results included 4m at 1.21% Li<sub>2</sub>O from 208, 3m at 1.33% Li<sub>2</sub>O from 110m, and 3m at 1.35% Li<sub>2</sub>O from 136m.

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