

Surveys to add more 'blind' targets to Charger's lithium drilling blitz

Charger's surveys are looking for "blind" pegmatite systems under cover at Bynoe. Pic: sturti via Getty Images.

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- **Geophysical surveys underway to detect any potentially large "blind" pegmatite systems at Charger's Bynoe lithium project**
- **Bynoe project next door to the 30.6Mt at 1.31% Li₂O Finniss lithium mine**
- **Nearly 12,000m of drilling has been completed to-date at Bynoe, results from mid-September**

Two separate geophysical surveys are underway to detect any potentially large "blind" pegmatite systems at Charger's Bynoe lithium project in the Northern Territory.

The Bynoe project is right next door to the 30.6Mt at 1.31% Li₂O Finniss lithium mine, which is ready to ship its first 10,000t cargo of spodumene concentrate under long-term offtake agreements.

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.

Nearly 12,000m of drilling has been completed to-date at Bynoe across 7 prospective target areas. Results will be released in batches when received and are expected from mid-September.

Meanwhile, company is carrying out an ambient noise tomography (ANT) survey over the northeast area of the underexplored Bynoe tenement as well as a ground gravity survey over a large area in the northeast of the broader project tenure.

The most recent ANT survey is a form of passive seismic surveying that has been used to successfully detect “blind” pegmatite systems that cannot be seen at surface – a useful tool at Bynoe, which has a strong weathering profile.

The gravity survey will take advantage of an observation from petrophysical testwork completed on drill core, which showed a significant density contrast between the pegmatites and the metasedimentary country rock.

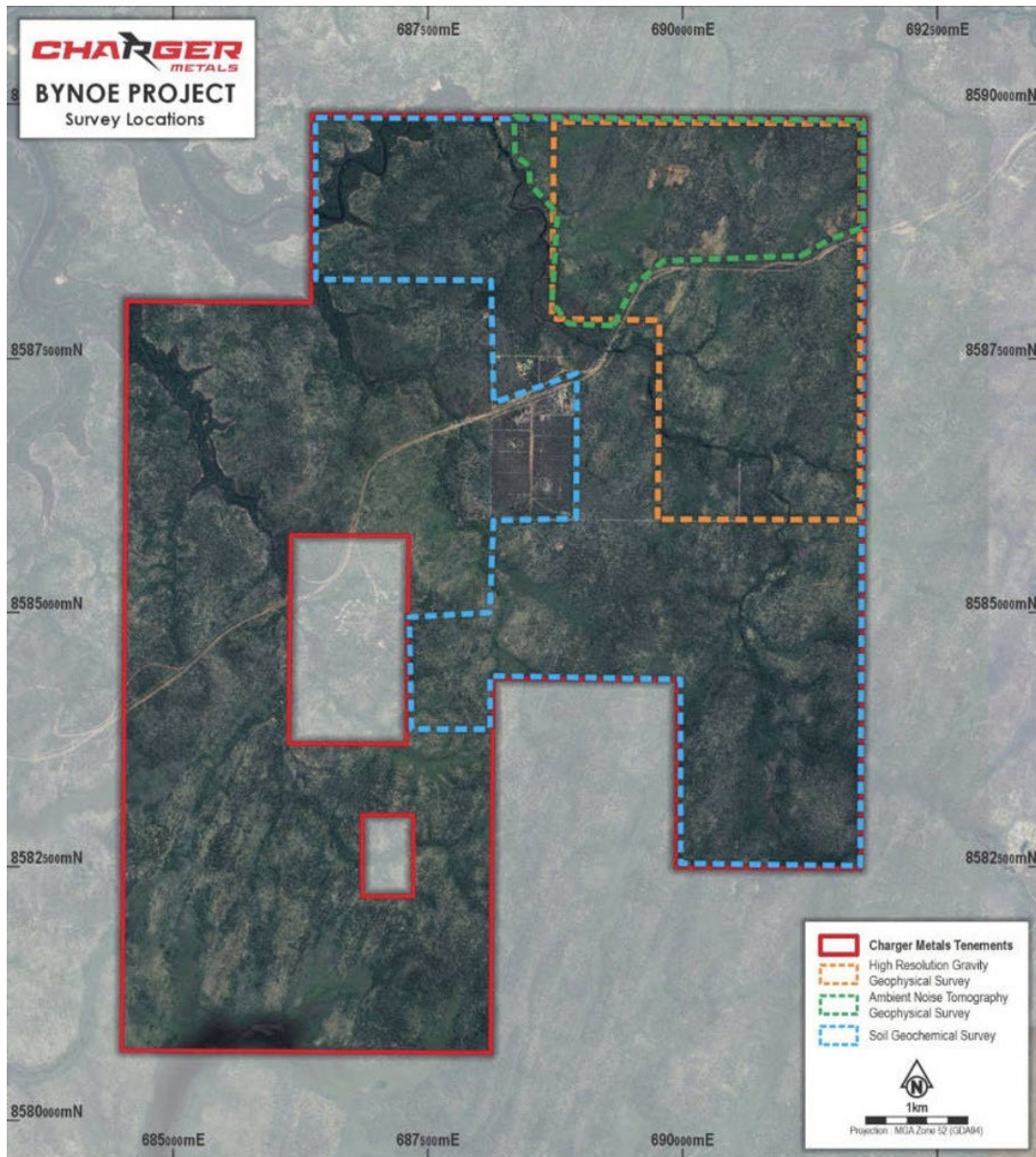
Infill geochemical sampling is also being carried out on a 200m line spacing over areas with no previous sampling or wide-spaced (400m) sampling. This is important as the known lithium-bearing pegmatites in the region typically have a strike length of 300m or less.

Drilling results pending

“The company has completed a significant amount of drilling to-date at Bynoe across several key prospect areas, and we look forward to receiving the assay results for each of the target areas that have been drill-tested so far,” managing director Aidan Platel said.

“In addition to systematically drill-testing seven of the numerous (>20) prospects already identified, the company has initiated simultaneous ANT, gravity and surface sampling surveys in key areas of the Bynoe project that are currently considered prospective yet underexplored.

“The surveys have the ability to delineate new high priority drill targets, including targets that are not apparent at surface, and we look forward to seeing the results and modelling of these surveys in October.”



Location of the surveys at the Bynoe project. Pic: Supplied (CHR).

High likelihood of success

That Bynoe is surrounded by the Finniss project is hugely positive as it is extremely unlikely that mineralisation simply stops at the tenement boundary.

Work by Charger has already uncovered plenty of evidence that Finniss mineralisation extends into Bynoe while drilling has further proved that lithium is indeed present within the project.

Should exploration prove up lithium mineralisation at scale, it is not unreasonable to believe that Charger could share some of its neighbour's success, which is always good thing.

Surveys to guide future work

It expects to complete all three surveys in the next four to six weeks and to complete modelling and target generation in October.

Charger is also continuing both RC and diamond drilling with 63 RC holes totalling 10,009m and six diamond holes totalling 1,915.16m completed to date.

The first significant batch of drill assays is expected in mid-September.

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