

ASX Release

30th May 2023

DORCHAP LITHIUM DRILLING UPDATE

Dart Mining NL (ASX:DTM) ("Dart Mining" or "the Company") is pleased to announce that diamond drilling of Lithium-Caesium-Tantalum bearing pegmatites is progressing according to schedule, with 2220m drilled of the planned 3000m program.

DORCHAP RANGE Li-Cs-Ta PEGMATITES

- 2,220m of the planned 3,000m drill program has been completed
- Currently drilling the 10th hole of a planned 13-hole program
- Drilling completed on the Eagle, Fergusson's and Blair's dyke targets, with the last hole on Boone's dyke currently underway; drilling on the final target dyke at Rhoda Creek to commence shortly
- Drill targets have all previously demonstrated lithium mineralisation in surface rock chip samples
- Three holes from Eagle and Fergusson dykes currently sampled and awaiting assays



Figure 1 - DDH1 Rig 61 set up on Fergusson's Dyke, Dorchap Track

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Drilling Update

Phase 1 drilling along LCT pegmatite dykes of the Dorchap Project is well underway, with 2,220m of HQ diamond drilling completed across four of the primary lithium mineralised target dykes (Eagle, Fergusson's, Blair's, and Boone's dykes) identified in the Dorchap Range. Previously reported rock chip sampling highlights from these drill targets include:

- **Eagle Dyke:** 10m @ 0.9%¹ Li₂O and; 10m @ 1.0%² Li₂O
- **Fergusson's Dyke:** 5.6m @ 0.5%³ Li₂O
- **Boone's Dyke:** 5.5m @ 0.5%³ Li₂O
- **Rhodda Creek Dyke:** 5m @ 0.4%³ Li₂O
- **Hollow Way Dyke:** 10m @ 1.4%⁴ Li₂O and; 5m @ 1.2%⁴ Li₂O and; 4m @ 0.95% Li₂O³

NOTES: 1. ([Dart ASX April 2017](#)) 2. ([Dart ASX July 2017](#)) 3. ([Dart ASX July 2021](#)) 4. ([Dart ASX January 2019](#))

Dart Mining is pleased that drilling is progressing to schedule, despite difficult conditions and constrained site access. All nine holes completed to date have encountered pegmatite dyke(s), with the final hole currently underway at Boone's. It should be noted that the presence of pegmatite, as has been determined by visual inspection of the core, does not necessarily indicate the presence of lithium mineralisation. Core from three holes has been logged and dispatched for assay and analysis, and the Company awaits the results. Diamond drilling (HQ core) across the Dorchap Dyke Swarm is providing a wealth of knowledge on the dyke system, not only in terms of mineralogical and lithological data, but also understanding their structural setting and their geological emplacement.

Dorchap Lithium Project Summary

Dart Mining geologists first identified the lithium prospectivity of pegmatite dykes in the Dorchap Range in 2016 and set about acquiring exploration leases across the region ([Dart ASX May 2016](#); [Dart ASX August 2016](#)). These are the first recorded lithium pegmatites identified in Victoria, and are believed to have been sourced from the nearby Mount Wills Granite. A regional sampling program consisting of 826 samples has identified a strong fractionation trend across the Dorchap Range, resolving a 20×12 km zone of strongly fractionated pegmatites bearing enriched Li, Cs, Ta, Be and Sn mineralisation ([Dart ASX July 2021](#)).

Dart Mining's rock chip sampling program has seen some rewarding results, including: **16m at >530 ppm Cs₂O, 0.32% Li₂O and 104 ppm Ta₂O₅**, and grab samples at **1.57% Li₂O and 0.1% Ta₂O₅** at the Bluejacket Dyke in Glen Wills, along with **10m at 0.95% Li₂O** from the Eagle Dyke and **10m at 1.38% Li₂O** from the Holloway Dyke (Dorchap Range), and **10m at 1.22% Li₂O** from Scrubby Dyke, **1m at 838 ppm Cs₂O and 0.46% SnO₂**, and a grab sample at **9.98% SnO₂** from elsewhere in the Dorchap Range ([Dart ASX July 2021](#)). The initial, short drilling program in 2019 has been followed by an airborne LiDAR mapping program in early 2021 ([Dart ASX March 2021](#)), which has allowed additional, detailed mapping of pegmatite dykes that were previously overlooked in pockets of dense bush across the Dorchap Range.

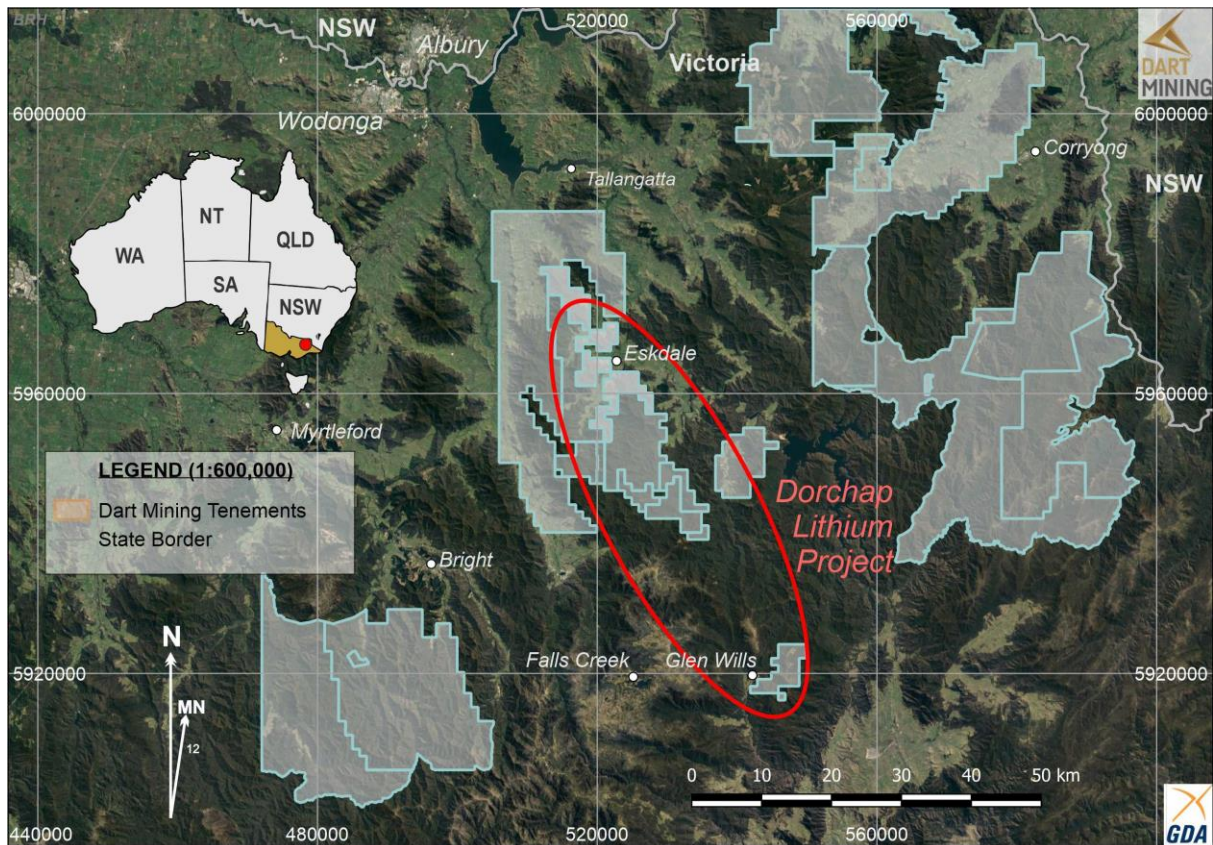


Figure 2 – Location of Dart Mining’s tenements and the Dorchap Lithium / LCT pegmatite exploration project in Northeast Victoria.

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Approved for release by the board of directors.

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About Dart Mining

Dart Mining (ASX: DTM) has the aim of evaluating and developing several historic goldfields, as well as substantiating a new porphyry province in Northeast Victoria. The area is prospective for precious, base, and strategic metals. These include Lithium, Gold, Silver, Copper, Molybdenum, Zinc, Tungsten, Tin, Tantalum, and a host of other important minerals. Dart Mining has built a strategically placed gold exploration footprint in the Central and Northeast regions of Victoria, where historic surface and alluvial gold mining indicates the existence of potentially significant gold endowment.

Additional JORC Information

Further details relating and information relating to Dart Mining's Strategic and Technology metals exploration programs can be found in Dart Mining's ASX announcements:

5th April 2023: ["Drilling Intersect LCT Pegmatite"](#)

22nd March 2023: ["Dorchap Drilling to Commence"](#)

23rd June 2022: ["Spodumene dominant in Dorchap Pegmatites"](#)

6th October 2021: ["Lithium Drilling Update"](#)

27th October 2021: ["LiDAR Points Towards Increase in Lithium Pegmatites"](#)

21st July 2021: ["Strategic & Technology Metals"](#)

18th March 2021: ["LiDAR Data Acquisition over Strategic Projects"](#)

10th February 2021: ["Exploration Strategy & Tenement Status Update"](#)

19th June 2019: ["Lithium Project Update"](#)

19th March 2019: ["Lithium Exploration Drilling to Commence at the Dorchap Project"](#)

14th November 2018: ["Lithium Exploration Update"](#)

10th September 2018: ["Exploration Update: Dorchap Lithium Project"](#)

10th May 2018: ["Significant Lithium Mineralisation in Pegmatites of the Dorchap Range, Victoria"](#)

21st December 2017: ["Lithium Exploration Update"](#)

6th October 2017: ["Lithium Tenements & Prospects"](#)

3rd April 2017: ["Lithium Exploration Update"](#)

3rd April 2017: ["Exploration Program Confirms Significant Lithium Pegmatites in NE Victoria"](#)

6th February 2017: ["Acquisition of Tenement Package"](#)

9th August 2016: ["Company Update: Lithium"](#)

1st June 2016: ["Exploration Tenement Update"](#)

18th May 2016: ["Tenement Application Update"](#)