

ASX Release

19th September 2024

FIELD RECONNAISSANCE CONFIRMS ANTIMONY AT TALLANDOON

Dart Mining NL (ASX:DTM) (“Dart Mining” or “the Company”) is pleased to announce the initial observations from a field reconnaissance visit to the Tallandoon Antimony prospects within the Company’s 100% owned Exploration Licences EL006300 & EL007754 in the North East of Victoria.



Figure 1: Grab sample (Sample ID: 217566) from the Carry On mine waste dump showing massive sulphide antimony mineralisation (grey mass on left of image) within quartz veining.

ANNOUNCEMENT HIGHLIGHTS

- Antimony mineralisation observed in waste rock from the historic “Carry On” antimony Mine (Figure 1)
- Antimony mineralisation also observed within waste rock of the historic “The Antimony Mine” (Figure 2)
- Visual inspections indicate significant Stibnite presence, with Initial pXRF results confirming elevated antimony levels.
- 20 samples have been submitted for multi-element analysis.
- Field observations support previous Dart grab sampling from the “Ellis Antimony” Mine which returned 6.48% Sb ([ASX: DTM July 2020](#))

DTM’s Chairman, James Chirnside, commented: “Field activities conducted at the Tallandoon Historic Goldfield reconfirm the prospectivity of the Tallandoon area as a very prospective region for antimony mineralisation. The Company eagerly awaits the assay results to confirm the concentration of antimony, following positive Antimony identification from initial pXRF results.”

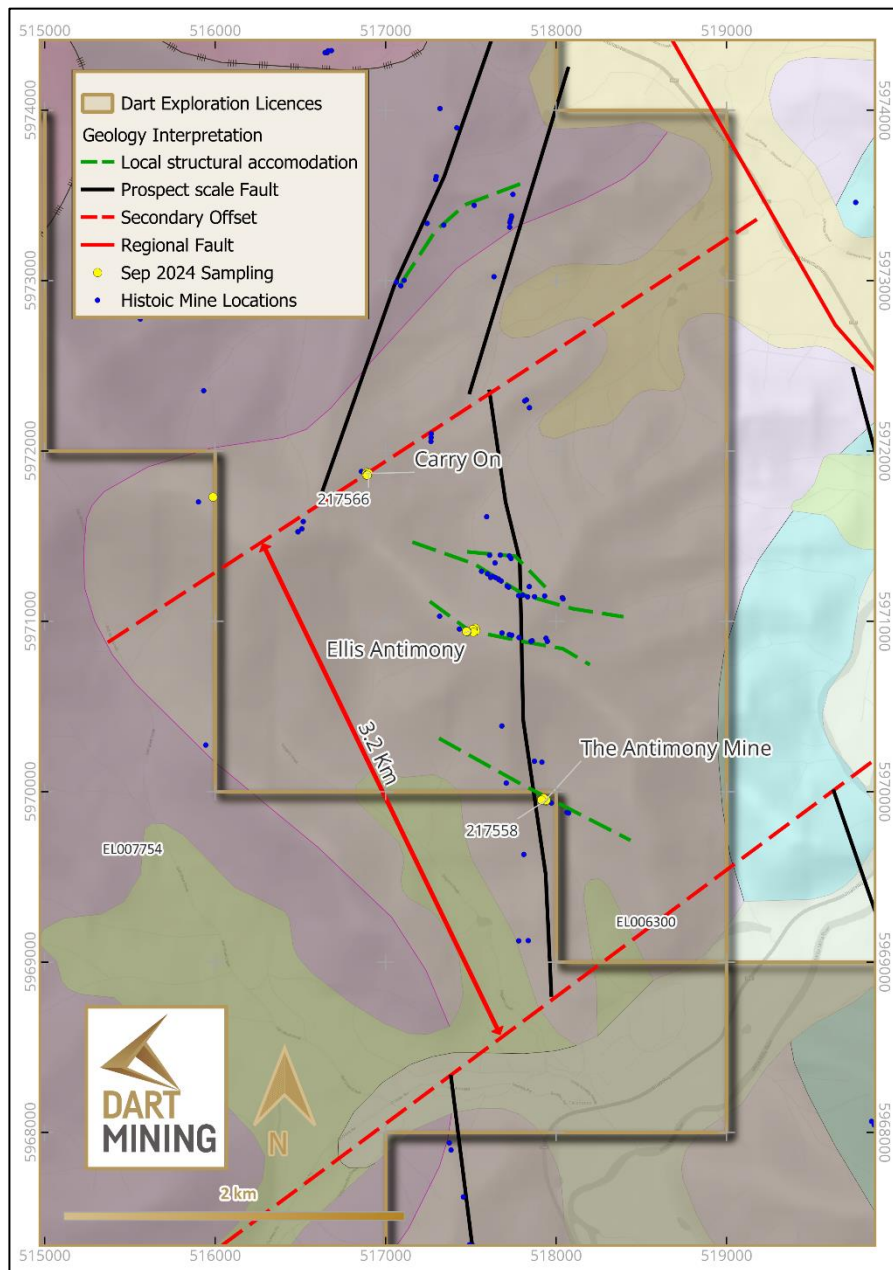


Figure 2: Tallandoon antimony sampling locations

SAMPLING DETAILS

Mapping and sampling were conducted over 2 days, with 20 samples taken from waste dumps surrounding the historic mines. Material discarded as waste from the historic mining activities was dominated by Quartz with sporadic sulphide mineralisation observed. 2 key samples were collected, (217566 – Figure 1 and 217558 -Figure 4) which both showed significant stibnite mineralisation within the host quartz rock.

Sample 217566 included large, elongated crystals and massive sulphide occurrences of fine grained Stibnite, within the quartz host. Sample 217558 mineralisation was observed as a 2 parallel veinlets of stibnite mineralisation also within quartz.

The presence of antimony as massive sulphide and crystalised form within waste rock dumps of two historic mines separated by 3.4km confirms the prospectivity and supports the initial sampling completed by Dart in 2020 ([ASX: DTM July 2020](#)).

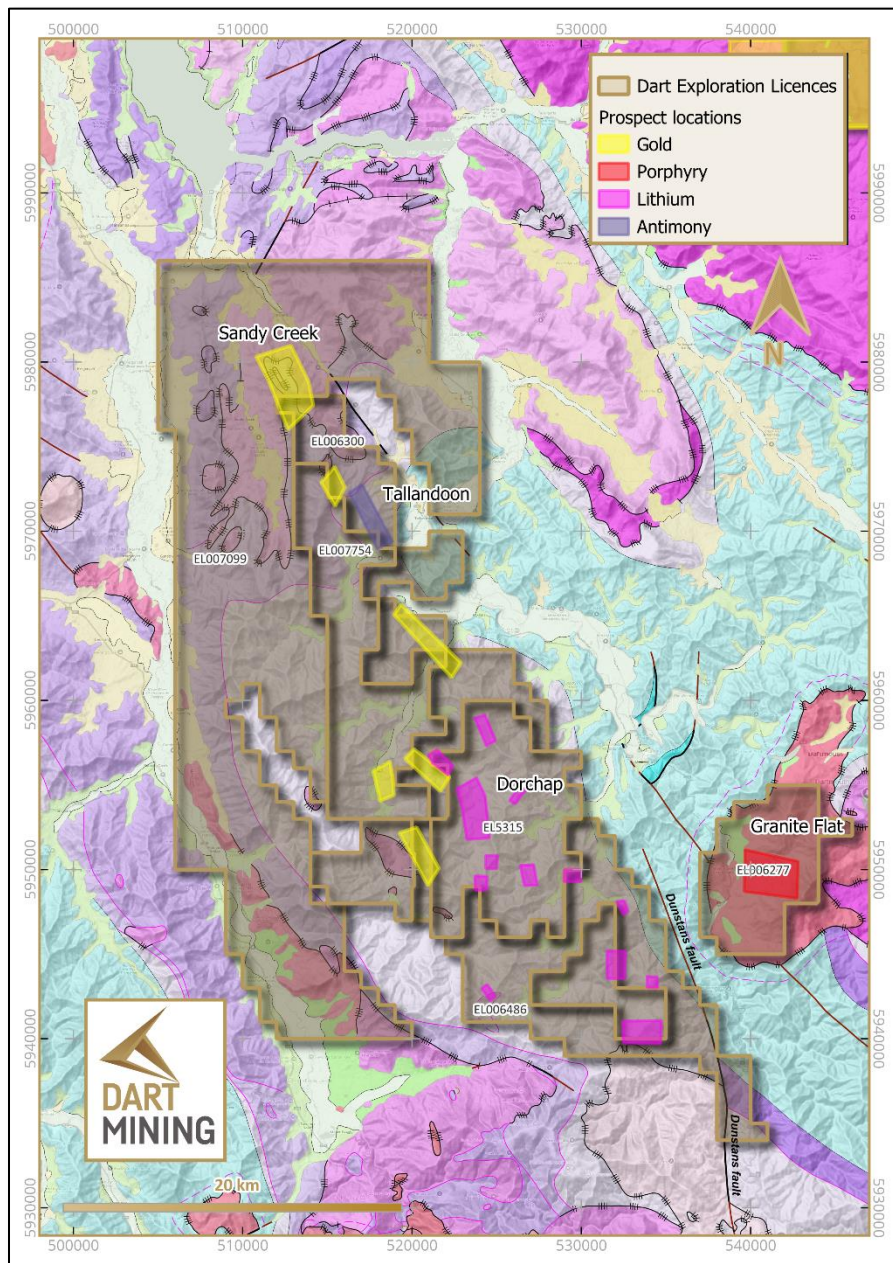


Figure 3: Dorchap Project Prospectivity

TALLANDOON PROJECT DETAILS.

The Tallandoon Antimony Prospect is an area of historic antimony mining conducted from 1914 through to 1945. The area of interest is dominated by biotite schists, with numerous granitic dykes intruding through the area. Mineralisation is dominantly associated with dyke boundaries (Carry On Mine) and quartz reefs (The Antimony Mine & Ellis Antimony Mine), with abundant arsenopyrite, sphalerite and Galena along with Stibnite (antimony bearing mineral).

Large scale secondary offset faults crosscut the region caused by the regional Lochart Gap Fault in the North East of the region. Local scale quartz reefs are formed in a North West – South Eastly orientation, likely as a series of large scale tension vein arrays to the north south prospect scale faulting corridor forming between the secondary offset structural set (Figure 2). The Carry On Mine is located on a granitic dyke intrusive, with massive sulphide Stibnite mineralisation reported on both contacts up to 3 to 4 feet (0.9m – 1.2m wide (Mining & Geological Journal Vol3, No 1, March 1947).



Figure 4: Grab sample (Sample ID: 217558) from the Antimony Mine showing veinlet of Antimony within quartz veining.

Approved for release by the Board of Directors.

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About Dart Mining

In August 2024 Dart Mining (ASX:DTM) entered into a binding agreement to purchase the Triumph Gold Project, this is Dart's first step into an advanced intrusion related gold system project in Queensland. Dart will look to develop a regional presence in Queensland through advanced stage intrusion related and epithermal gold projects. Dart Mining will continue to evaluate several historic goldfields in Central and Northeast Victoria including the Rushworth Goldfield and the new porphyry and lithium province in Northeast Victoria identified by Dart. The area is prospective for precious, base, and strategic metals including Lithium, Gold, Antimony, Silver, Copper, Molybdenum, Zinc and Tin. 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.

Competent Person's Statement

The information in this report has been prepared, compiled, and verified by Mr. Owen Greenberger (B.Sc. Geology), a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr. Greenberger is Head of Exploration for Dart Mining. Mr. Greenberger has sufficient experience that is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a competent person as defined in the 2012 Edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr. Greenberger consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Forward-Looking Statement

Certain statements contained in this document constitute forward-looking statements. Forward-looking statements include, but are not limited to, Dart Mining's current expectations, estimates and projections about the industry in which Dart Mining operates, and beliefs and assumptions regarding Dart Mining's future performance. Such forward-looking statements are based on a number of estimates and assumptions made by the Company and its consultants in light of experience, current conditions and expectations of future developments which the Company believes are appropriate in the current circumstances. When used in this document, words such as; "anticipate", "could", "intends", "estimate", "potential", "plan", "seeks", "may", "should", and similar expressions are forward-looking statements. Although Dart Mining believes that its expectations presented in these forward-looking statements are reasonable, such statements are subject to known and unknown risks, uncertainties and other factors, which may cause the actual results, achievements and performance of the Company to be materially different from the future results and achievements expressed or implied by such forward-looking statements. Investors are cautioned that forward-looking information is no guarantee of future performance and accordingly, investors are cautioned not to place undue reliance on these forward-looking statements.

APPENDIX 1

TENEMENT STATUS

All tenement applications continue to pass through the approvals process with the tenements remaining in good standing as of the 31st August 2024 (Table 1 – Figure 5).

Table 1. TENEMENT STATUS

Tenement Number	Name	Tenement Type	Area (km ²) Unless specified	Interest	Location
EL5315	Mitta Mitta ^{4&5}	Exploration Licence	148	100%	NE Victoria
EL006016	Rushworth ⁴	Exploration Licence	32	100%	Central Victoria
EL006277	Empress ⁵	Exploration Licence	87	100%	NE Victoria
EL006300	Eskdale ^{3&5}	Exploration Licence	96	100%	NE Victoria
EL006486	Mt Creek ⁵	Exploration Licence	116	100%	NE Victoria
EL006764	Cravensville	Exploration Licence	170	100%	NE Victoria
EL006861	Buckland	Exploration Licence	414	100%	NE Victoria
EL007007	Union	Exploration Licence	3	100%	Central Victoria
EL006994	Wangara	Exploration Licence	190	100%	Central Victoria
EL007008	Buckland West	Exploration Licence	344	100%	NE Victoria
EL007099	Sandy Creek ⁵	Exploration Licence	437	100%	NE Victoria
EL006865	Dart	Exploration Licence)	567	100%	NE Victoria
EL006866	Cudgewa	Exploration Licence	508	100%	NE Victoria
EL007170	Berrigama	Exploration Licence	27	100%	NE Victoria
EL007430	Buchan	EL (Application)	546	100%	Gippsland
EL007435	Goonerah	EL (Application)	587	100%	Gippsland
EL008161	Colbinannin	EL (Application)	458	100%	Central Victoria
EL008542	Star of the West	EL (Application)	2	100%	Central Victoria
EL007425	Deddick	Exploration Licence	341	100%	Gippsland
EL007428	Boebuck	Exploration Licence	355	100%	NE Victoria
EL007426	Walwa	Exploration Licence	499	100%	NE Victoria
EL007754	Tallandoon ⁵	Exploration Licence	88	100%	NE Victoria
RL006615	Fairley's ²	Retention License	340 Ha	100%	NE Victoria
RL006616	Unicorn ^{1&2}	Retention License	23,243 Ha	100%	NE Victoria
EL9476	Woomargama	Exploration Licence	85	100%	New South Wales
EL9516	Brewarrina	Exploration Licence	185	100%	New South Wales

All tenements remain in good standing as of 31 August 2024.

NOTE 1: Unicorn Project area subject to a 2% NSR Royalty Agreement with Osisko Gold Royalties Ltd dated 29 April 2013.

NOTE 2: Areas subject to a 1.5% Founders NSR Royalty Agreement.

NOTE 3: Areas are subject to a 1.0% NSR Royalty Agreement with Minvest Corporation Pty Ltd (See DTM ASX Release 1 June 2016).

NOTE 4: Areas are subject to a 0.75% Net Smelter Royalty on gold production, payable to Bruce William McLennan.

NOTE 5: Tenements subject to conditions noted in the SQM earn-in agreement ([Dart Mining ASX December 2022 SQM Earn-In](#))

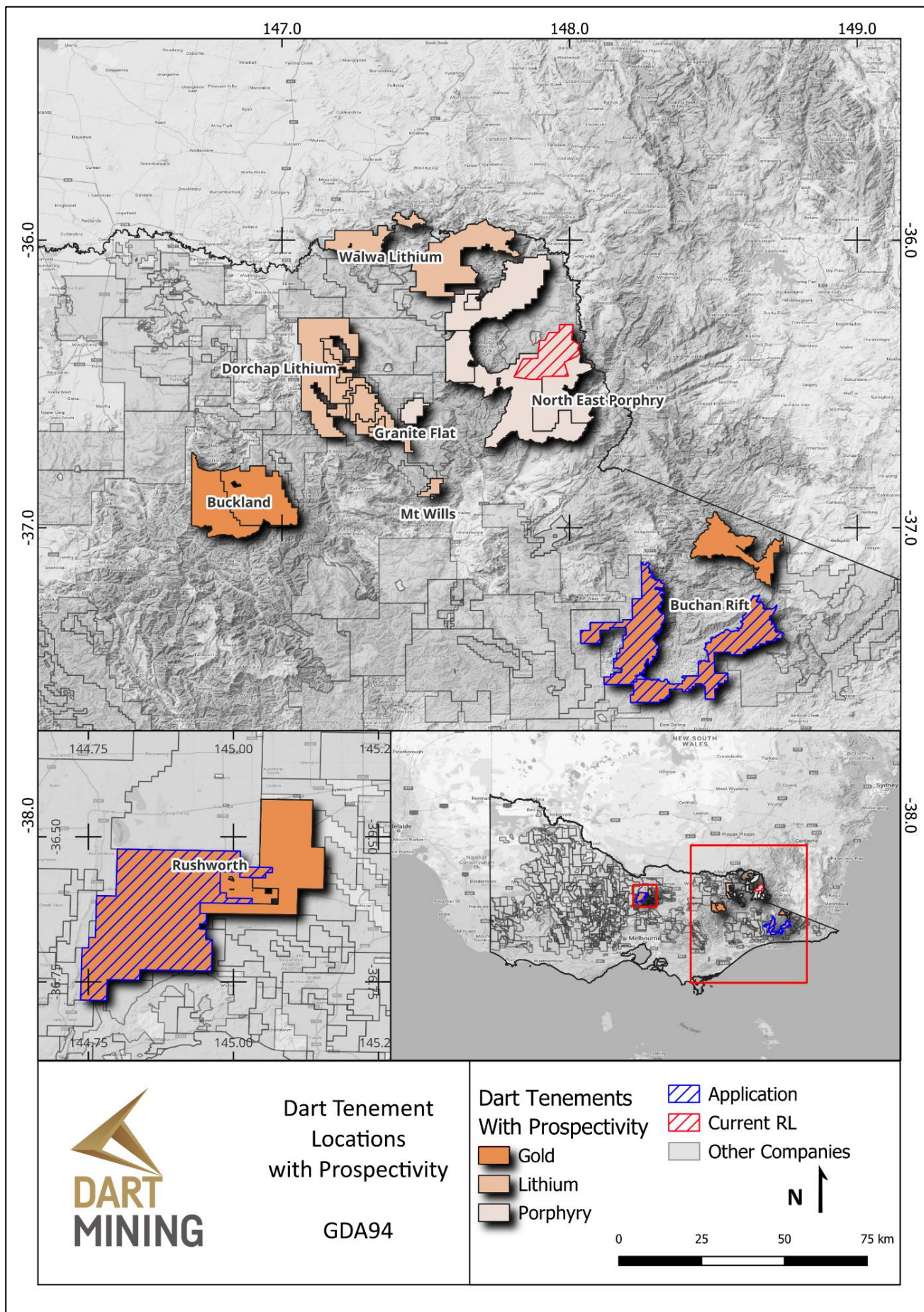


Figure 5: Dart Mining NL Tenements