



The Mineral Riches of the East Coast Lachlan Fold Belt

Presentation to the 2023 Victoria Gold Mining & Exploration Forum

Wednesday 22nd February 2023 12:15 AEDT

Mr. James Chirnside – Chairman & Managing Director

ASX:DTM

FORWARD LOOKING STATEMENTS CAUTION

Certain statements contained in this document constitute forward looking statements. 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. These estimates and assumptions while considered reasonable by the Company 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.

CORPORATE PROFILE

Corporate Metrics

- ASX Code - DTM
- Shares on Issue ~ 155.26m
- Options & Performance Rights on Issue ~ 28.36m
- Market Capitalisation @ \$0.05 = ~A\$8.0 m

Key Personnel

- Mr. James Chirnside – Chairman & Managing Director
- Mr. Carl Swensson – Non-Executive Director
- Mr. Richard Udovenya – Non-Executive Director
- Ms. Julie Edwards – Company Secretary

Management

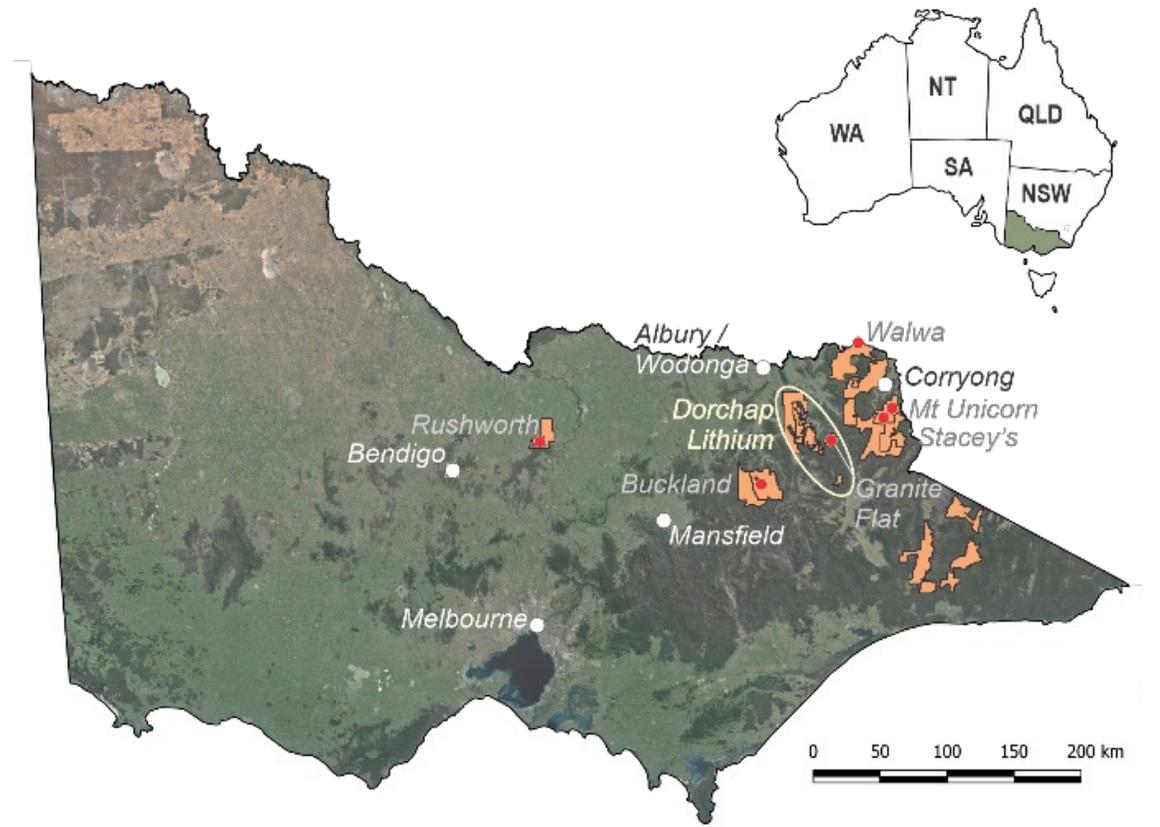
- Dr. Ben Hines – Head of Exploration
- Mr. Dean Turnbull – Founder and Senior Geologist
- Mr. Michael Roberts – Finance & Administration
- Mr. Tommy Ashley – Head of Operations

Service Providers

- Lowell Accounting Services - Accounting
- Morrows - Audit
- Resources Law International - Legal Advisors
- Biosis - Environment & Cultural Heritage
- ALS Limited, Gekko Systems - Lab Services
- AMETS – Land Management
- Mr. David Foster – Metallurgical consulting
- Mr. Simon Law – Mining Engineer and Economist

EXPLORATION LICENCES, FOOTPRINT & PROJECTS

- ~6,500 km² tenement area
- Geographic focus on NE Victoria, Eastern Victoria and NSW (Lachlan Fold Belt)
- Extensive team experience in Lachlan Fold Belt Geology
- Central Lachlan Fold Belt
 - *Silurian to Devonian granites*
 - *Three orogenic events*
- Diverse geological setting
 - *Orogenic Au*
 - *Porphyry Cu-Au, Mo-Cu-Ag*
 - *Li-Cs-Ta Pegmatites*
- Exposures to Precious, Critical, and Base metals
- Footprint includes:
 - 9 Historic Goldfields
 - >1,500 LCT Pegmatite dykes
 - 8 Au-Cu, Mo-Cu Porphyry targets



TENEMENTS STATUS

Tenement Number	Name	Tenement Type	Area (km ²) Unless specified	Interest	Location
MIN006619	Mt View ²	Mining License	224 Ha	100%	NE Victoria
EL5315	Mitta Mitta ⁴	Exploration Licence	148	100%	NE Victoria
EL006016	Rushworth ⁴	Exploration Licence	32	100%	Central Victoria
EL006277	Empress	Exploration Licence	87	100%	NE Victoria
EL006300	Eskdale ³	Exploration Licence	96	100%	NE Victoria
EL006486	Mt Creek	Exploration Licence	116	100%	NE Victoria
EL006764	Cravensville	Exploration Licence	170	100%	NE Victoria
EL006861	Buckland	Exploration Licence	414	100%	NE Victoria
EL006994	Wangara	Exploration Licence	190	100%	Central Victoria
EL007007	Union	Exploration Licence	3	100%	Central Victoria
EL007008	Buckland West	Exploration Licence	344	100%	NE Victoria
EL006865	Dart	EL (Application)	567	100%	NE Victoria
EL006866	Cudgewa	EL (Application)	508	100%	NE Victoria
EL007099	Sandy Creek	Exploration Licence	437	100%	NE Victoria
EL007170	Berringama	EL (Application)	27	100%	NE Victoria
EL007430	Buchan	EL (Application)	546	100%	Gippsland
EL007435	Goonerah	EL (Application)	587	100%	Gippsland
EL007425	Deddick	EL (Application)	341	100%	Gippsland
EL007428	Boebuck	EL (Application)	355	100%	NE Victoria
EL007426	Walwa	EL (Application)	499	100%	NE Victoria
EL007754	Tallandoon	EL (Application)	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
ELA6536	Yambacoon	EL (Application)	549	100%	New South Wales
ELA6548	Barellan	EL (Application)	159	100%	New South Wales

All tenements remain in good standing as of 30th September 2022.

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 Mininvest 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.

SUMMARY OF WORKS COMPLETED – 2022

Dorchap Lithium Project Pegmatites

- XRD identified dominant primary spodumene mineralisation

Granite Flat Cu-Au Intrusion related project

- Drill testing geophysical targets (1003m)
- Completion of soil survey (~5,030 samples)
- Additional drill testing (1221m)

Buckland Orogenic Gold

- Orientation soil survey across Shippens Gully

Rushworth Orogenic Gold Project

- Reconnaissance sampling & structural mapping
- pXRF analysis of drill pulps – geochemical characterisation
- Regional soil geochemical sampling & testing (~3,600 samples)



SUMMARY OF WORKS COMPLETED – 2022 cont....

Land Management / Tenements

- Renewals
- New applications

Corporate Activities

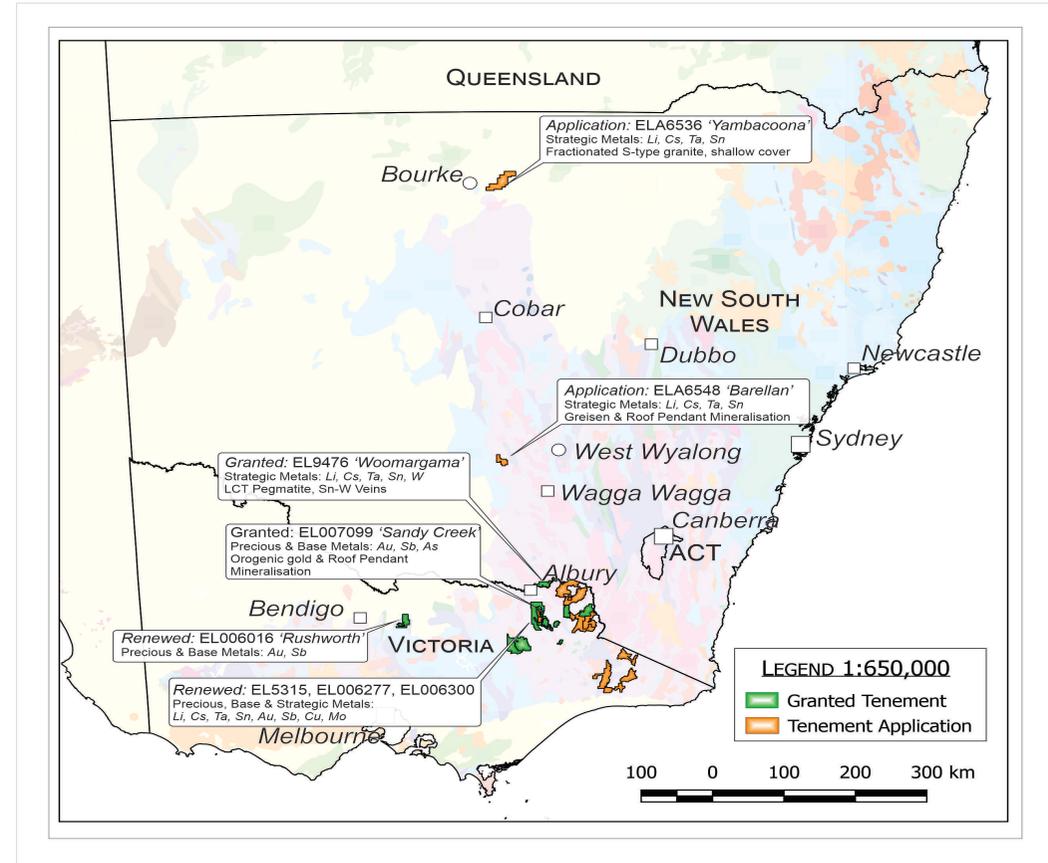
- SQM Farm-in Joint Venture
- Other corporate engagements

Work Health & Safety

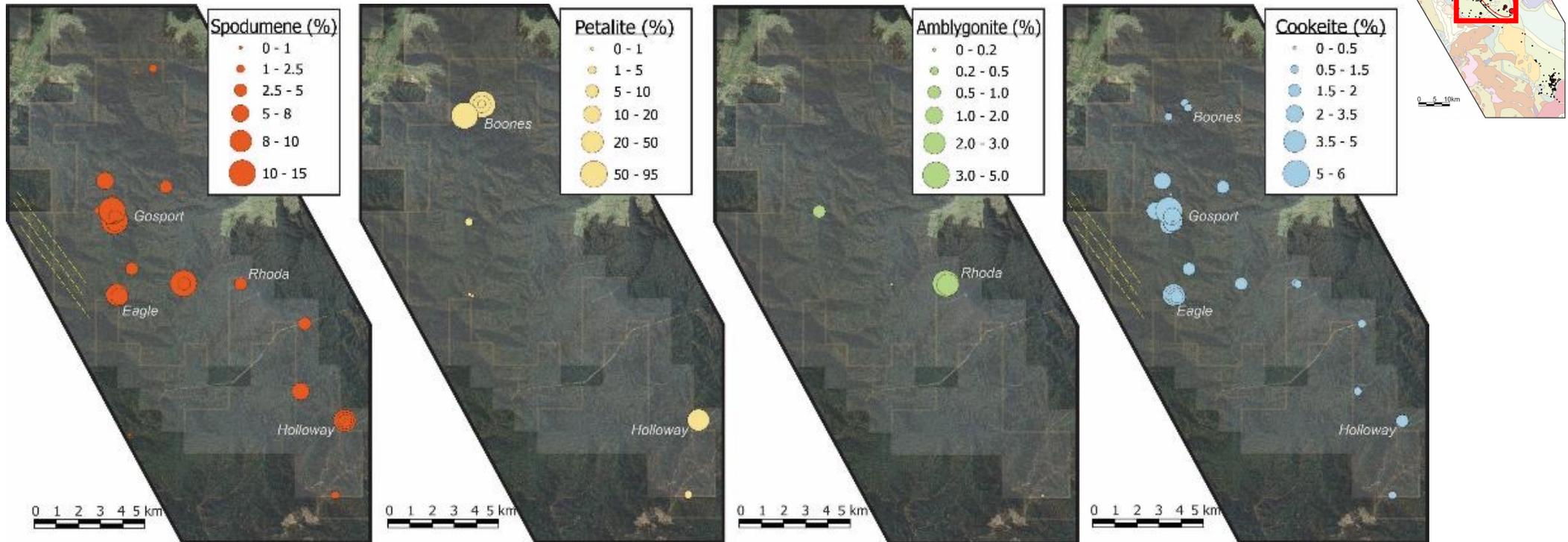
- WH&S officer appointment
- Review of procedures and reporting

Environment & Community

- Remediation of historic workings
- Drill hole remediation program following heavy rains & scouring
- Conversion of exploration camp to solar power
- Steel core trays replaced with recycled plastic core trays

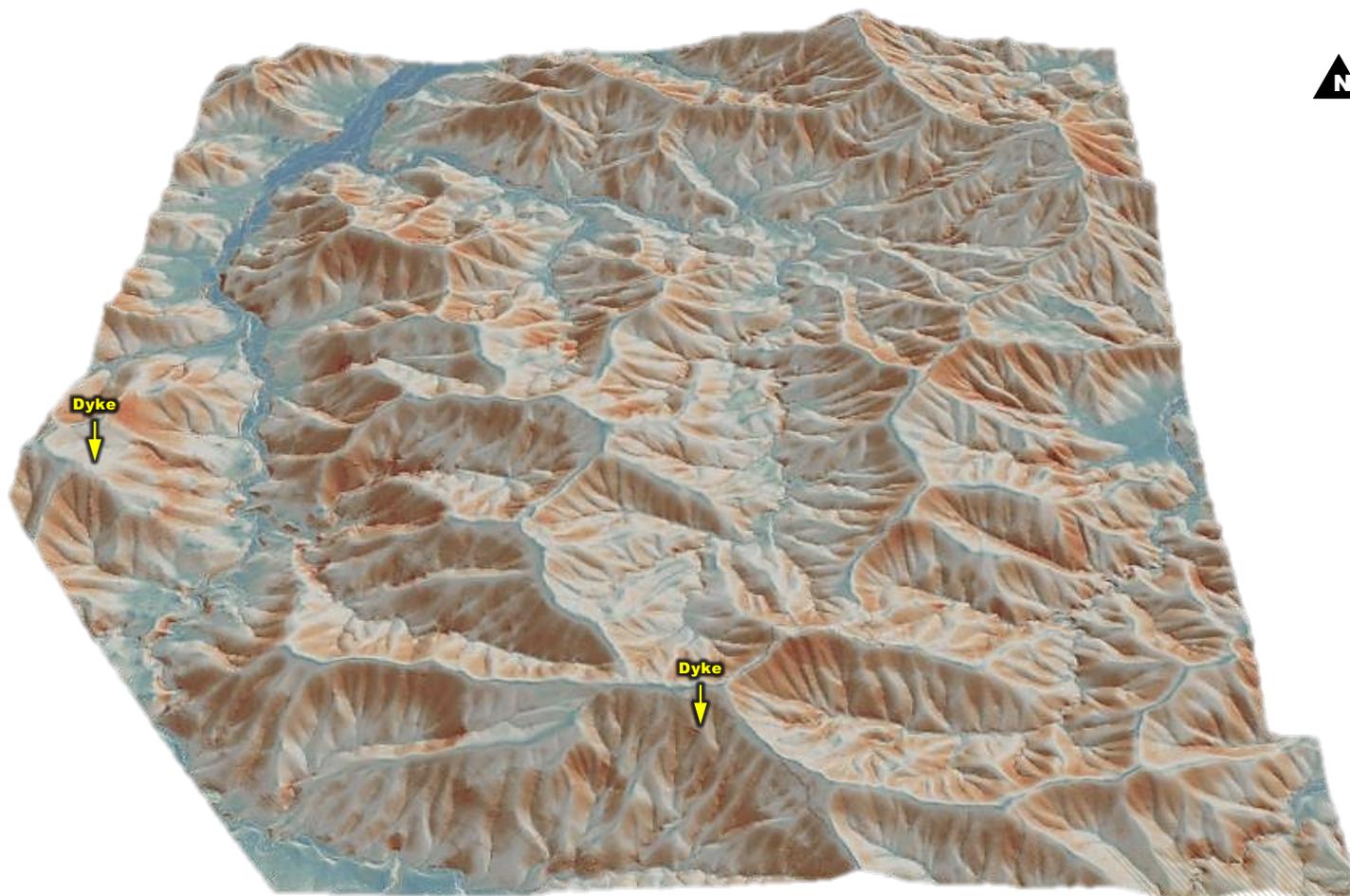


DORCHAP LITHIUM PROJECT - Mineralogy

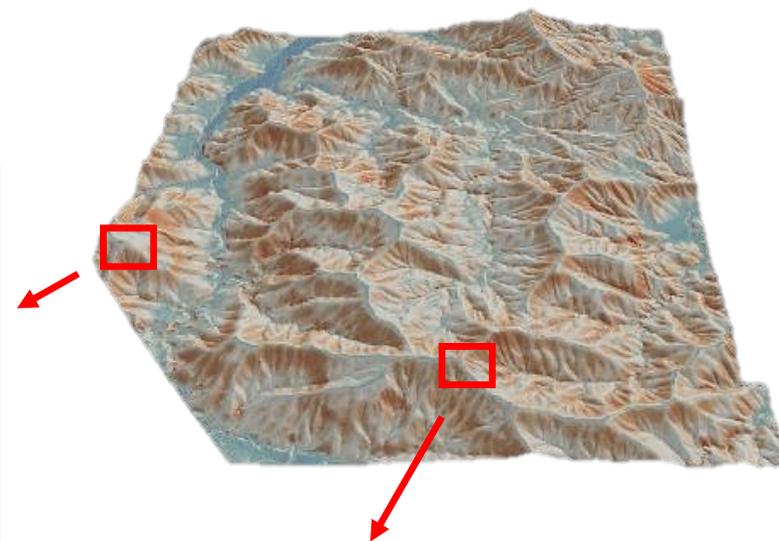
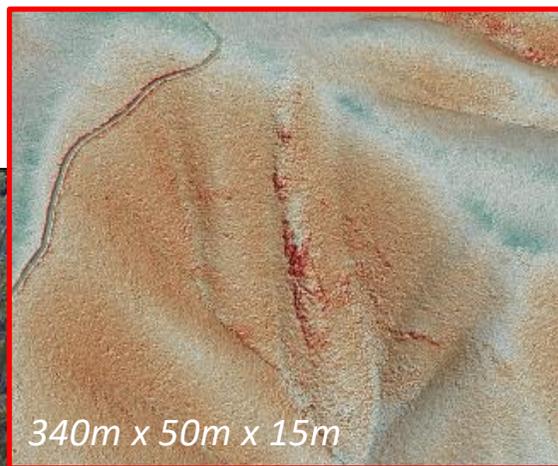


XRD analysis shows project is spodumene dominant

DORCHAP LITHIUM - LiDAR



DORCHAP LITHIUM – LiDAR cont.



GRANITE FLAT Cu-Au PROJECT- Summary

Location

- Situated adjacent to the Omeo Highway, between Mitta Mitta & Glen Wills

Scale

- 1.8x 2.4km soil Cu-Au footprint, additional anomalies *open in all directions*
- Significant remanent magnetism anomalies identified north of project footprint
- IP chargeability and resistivity anomalies identified across 1.5 x 2.0km footprint
- Significant intervals of Cu-Au mineralisation intersected up to 180m below surface

Style

- Two mineralisation styles identified:
- Intrusion-related Cu-Au – long intervals of low-grade Cu-Au
- Hydrothermal overprint – Narrow silica-sulphide veins of high-grade Au-Cu-Ag ± Pb, Zn

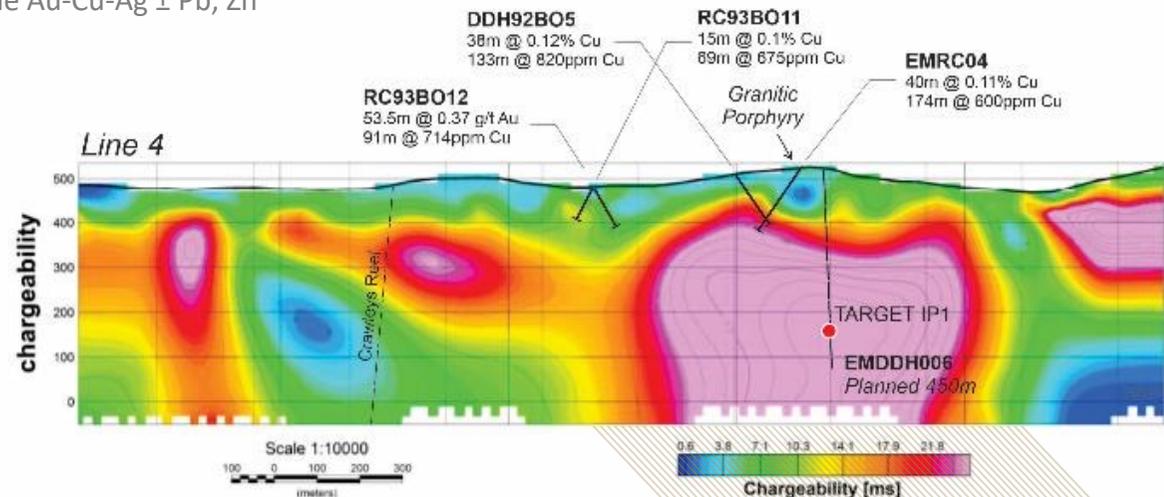
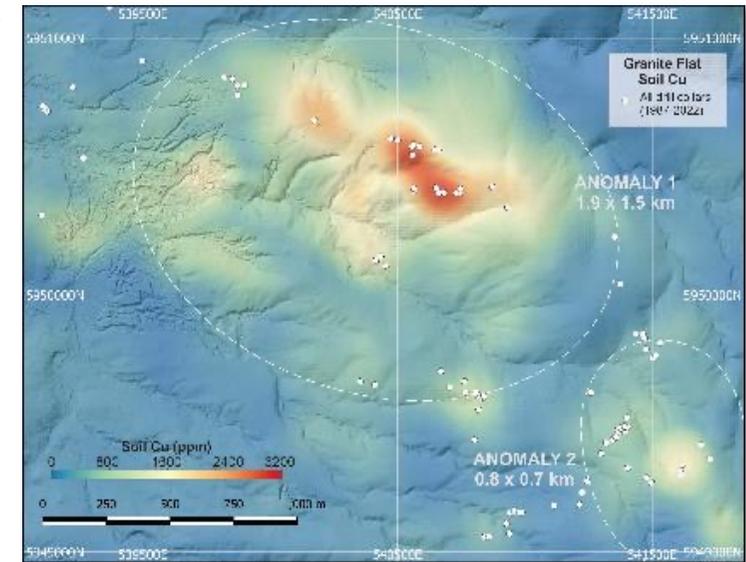
Results Highlights

Gold

- 19m @ 9.39 g/t Au, including 3m @ 41.1 g/t from 28m
- 4m @ 3.23 g/t Au, including 1m @ 7.84 g/t from 15m

Copper

- 19m @ 0.61% Cu, including 3m @ 1.52%
- 28m @ 0.35% Cu, including 9m @ 0.73% from 7m
- 40m @ 0.11% Cu including 19m @ 0.18% Cu from 35m
- 138m @ 0.09% Cu from surface (entire hole)
- 111m @ 0.07% Cu from surface



GRANITE FLAT Cu-Au PROJECT - Diamond Drilling

Low-grade targets, long intercepts

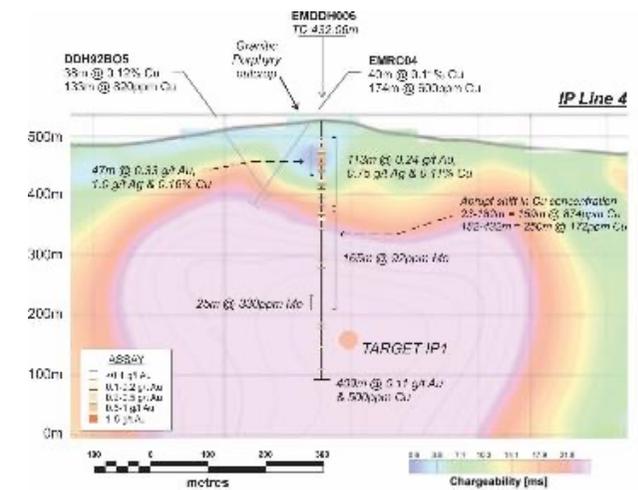
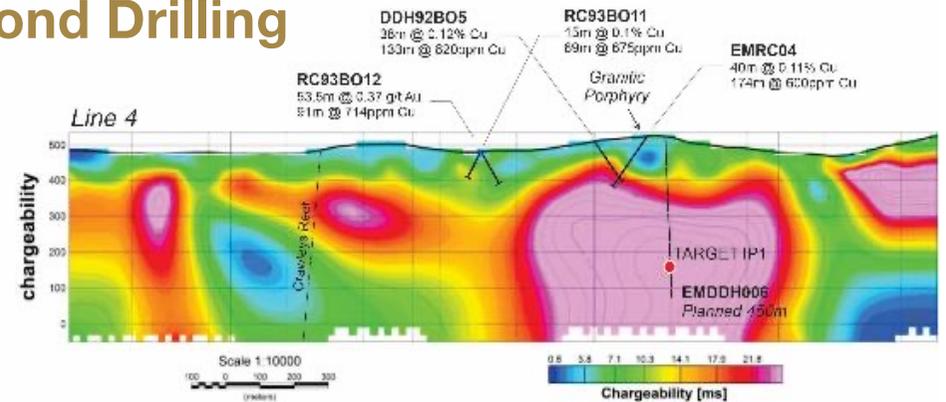
- Dominantly shallow drilling

Dart completed:

- 2,224m Diamond drilling completed (12 holes; 2022)
- 1,280m across 4 holes targeting geophysical targets
- Deepest hole on the project - 429m (Feb 2022)
- 937m targeting shallow epithermal overprint (8 holes)

Geophysical survey shows large anomalies at 200-400m below surface

- None of the geophysical anomalies identified have ever been drilled - until now
- First phase drilling of geophysical targets completed



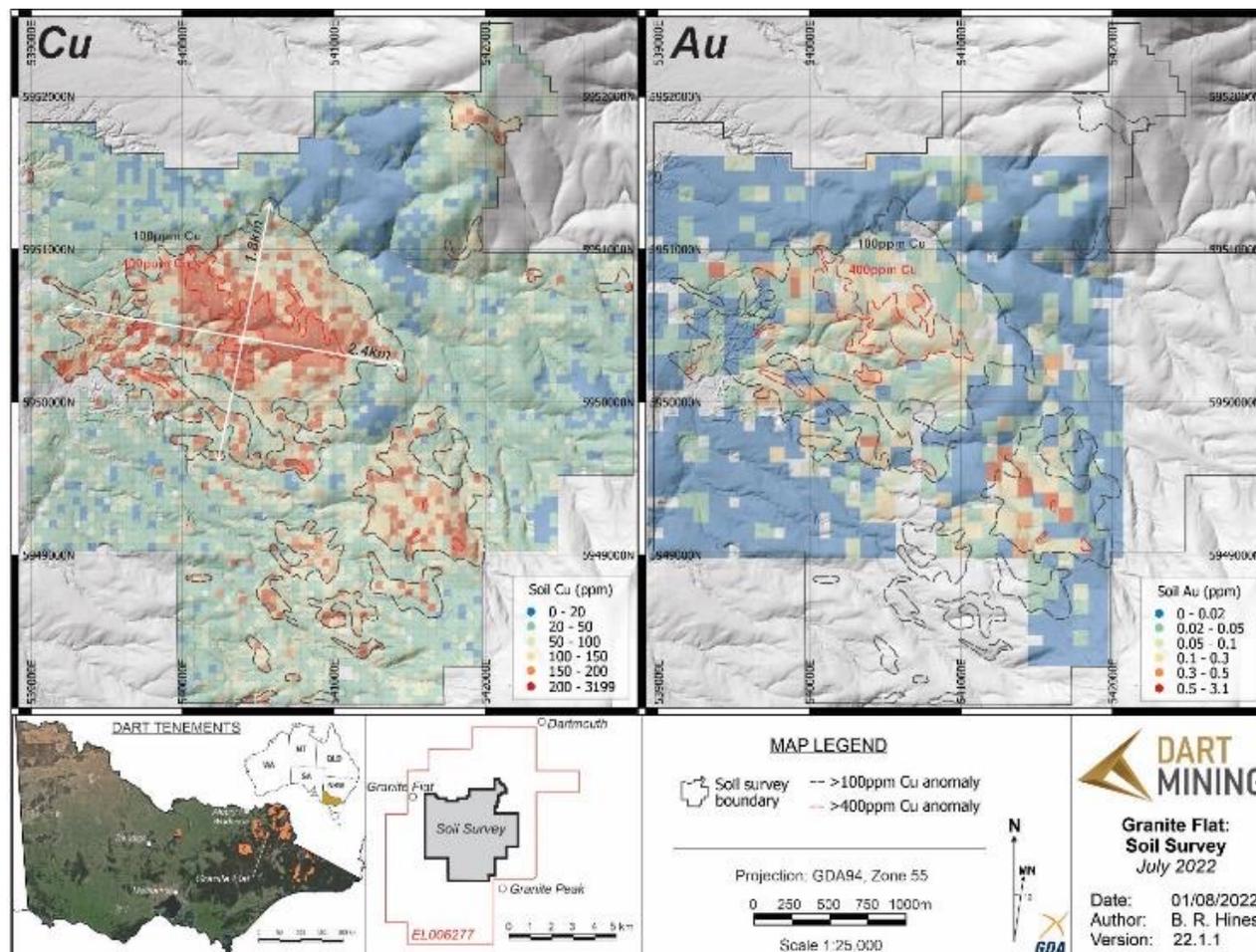
GRANITE FLAT Cu-Au PROJECT – Soil Geochemistry Survey

Regional soil grid completed

- 50x50m sample resolution
- 4x4km area sampled
- 5030 samples collected and analysed
- Subset (100x100m grid) analysed for soil gold
- Peak results 0.32% Cu & 3.1 g/t Au
- Largest anomaly spans 1.8x2.4km

In addition

- Several additional anomalies identified, including As and Pb outside of primary Cu-Au anomalies



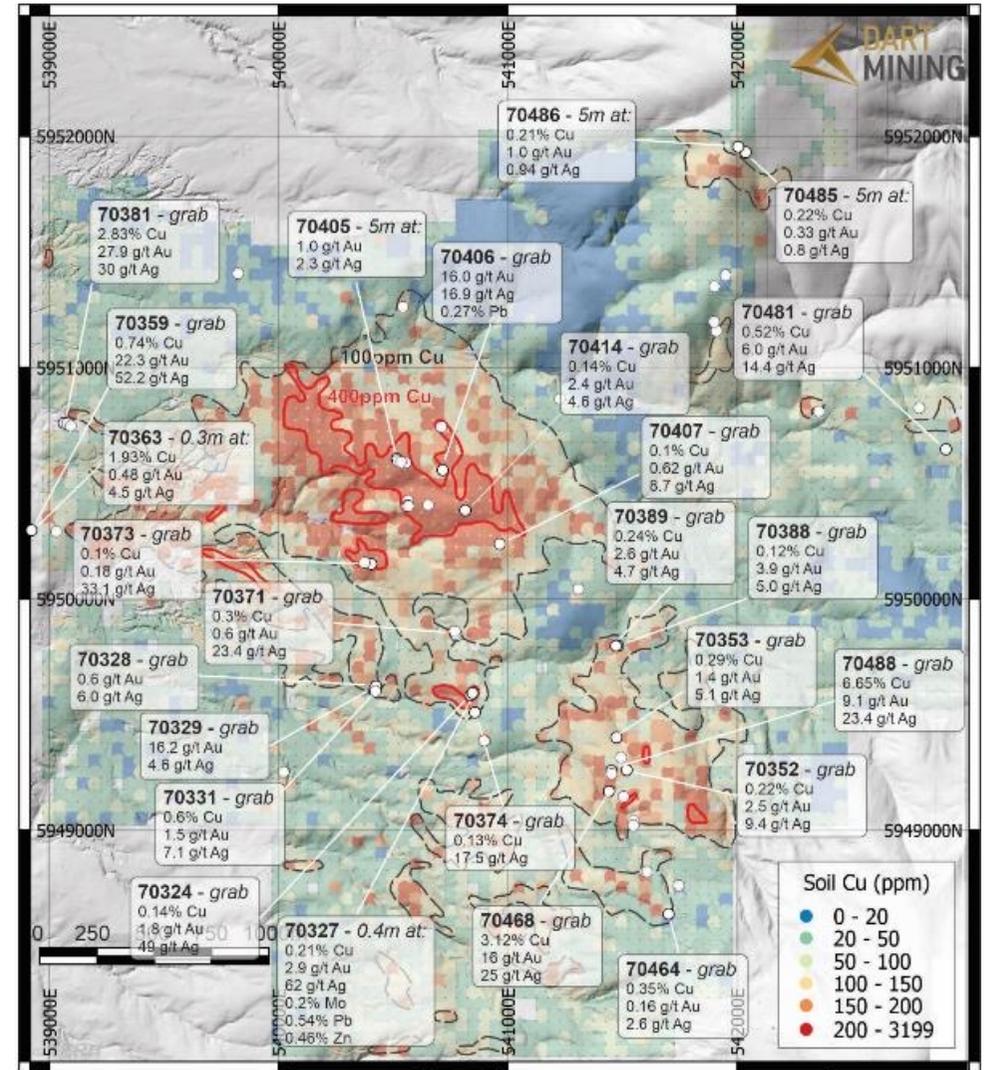
GRANITE FLAT Cu-Au PROJECT – Rock chip sampling

Surface rock chip sampling

- Surface sampling has followed up on historic workings identified in LiDAR
- Epithermal overprint - distinct geochemistry; narrow, high-grade mineralisation

Several mineralisation trends identified

- Future exploration targets
- Peak results include: **27.9g/t Au, 6.65% Cu, 49 g/t Ag**



Proposed Work Schedule 2023

Flagship Projects

Dorchap Lithium Li

- *Surface sampling program*
- *Drilling of roadside targets*
- *Drilling of off-road targets*

Granite Flat Cu-Au

- *Drilling – bulk tonnage target*
- *Drilling – high-grade targets*
- *Geophysics interpretation & review*

Other Projects

Rushworth Au

- *LiDAR acquisition*
- *Bulk sample composition & analysis*
- *Completion of soil survey*
- *Identification of drill targets*

Sandy Creek Au

- *Diamond drilling of selected deeper targets*

Buckland Valley Au

- *Diamond drilling north of Fairley's ridge*

Mt Unicorn Mo-Cu (203mt JORC resource)

- *Review and reassess project*
- *Test and assess metallurgy*
- *Drilling*

Molybdenum Price \$US / Kg, Currently ~\$US 45 / pound



- Unprecedented rundown in munitions inventories leading to rapid increase in munitions production
- Increased application in fertilisers used in food production
- Increased application in construction steel post China earthquake in 2019

SUMMARY

- Exceptional and commanding tenement position in a mineral rich, under-explored, region
- Polymetallic exposure with 14 of 32 “critical minerals” represented and anomalous across Dart’s footprint
- Renewable energy transition underpinning demand for much of the metals complex
- Many of these critical minerals are represented within Dart’s exploration portfolio
- Constructive long-term metal price fundamentals including low inventories, continuing Covid supply chain issues, and Ukraine war
- Geolocation of projects increasingly necessary to avoid unreliable or sanctioned supply dependencies
- DTM is cheap vs. peers and has higher levels of prospectivity
- Well funded with very supportive long-term shareholders

Dart Mining is a responsible, low cost, self-reliant, mineral explorer, employing a systematic and focussed exploration approach

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