

Dart Mining NL (ASX:DTM)

Unearthing the Mineral Riches of NE Victoria

James Chirnside - Managing Director

NWR Communications Resources Conference, 19th November 2020



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.



ASX:DTM

Corporate Directory

◀ Corporate Metrics

- ASX Code - DTM
- Shares on Issue – 99.94m
- Options on Issue – 34.56m
- Market Capitalisation @ \$0.19 = ~A\$18.9m

◀ Board

- James Chirnside – Chairman & Managing Director
- Dr. Denis Clarke – Independent Director
- Luke Robinson – Independent Director
- Julie Edwards – Company Secretary

◀ Management

- Steve Groves – Senior Geologist, Head of Exploration
- Ben Hines – Senior Geologist, Field Operations
- Dean Turnbull – Senior Geologist, Founder
- Michael Roberts – Finance & Administration

◀ Service Providers

- Accounting, Co. Sec, ASX – Lowell Accounting Services
- Audit - Morrows
- Legal Advisors – Resources Law International
- Taxation, R&D – International Technology Group
- Environment & Cultural Heritage – Biosis
- Mining Engineering – Simon Law & Associates
- Metallurgical Consulting – David Foster
- Laboratory Services – ALS Limited



Summary Update

2020 Developments

- Sharp share-price recovery from COVID lows in March 2020
- Strong performances in Precious and Base metals markets from COVID lows
- Rights Issue successfully concluded raising \$5m
- Commencement of multi-project drilling program from early September 2020
- Drilling Pipeline – Buckland, Sandy Creek, Granite Flat, Rushworth
- Recent ~1,500 km² EL applications lodged over base metals prospectivity in East Gippsland
- High grade gold results returned from recent Buckland Gold project drilling.
- Large quantity of assay results pending
- Through its COVID-19 management plan, Dart continues to operate in the field with restricted access sites and isolated camps

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EXPLORATION AND REDISCOVERY OF VICTORIAN GOLD FIELDS

Dart has accumulated an exceptional and commanding tenement position that covers a number of Central and North Eastern Victoria's historic goldfields where ~3% of the world's gold was produced from the 1850's – 1920's. Early miners were – due to circumstances at the time - extracting only super high-grade (>31g/t) Gold close to surface

We now know that those operations were the tip of the iceberg.....

- The success of operations such as Kirkland Lake's Fosterville mine, and the Stawell Gold mine has refocused Australian gold exploration across Victoria and attracted significant international interest
- Historically, Victoria has one of the world's greatest gold endowments and contemporary technologies combined with modern exploration techniques is uncovering significant opportunities across many old mining districts
- Current US\$ and A\$ gold prices have driven a new rush to gold exploration as global production continues to shrink with large-scale discoveries becoming rare
- With A\$ Gold near record historic highs and production margins amongst the highest of any industry sector we look favourably on the Junior Exploration sector for the foreseeable future

Dart Mining holds a ~6,000km² exploration portfolio in NE, Eastern and Central Victoria with numerous high-quality Lode style Au, Porphyry Cu-Au-Ag-Mo-Zn, Li, and REE targets



REGIONAL SETTING – North East and Central Victoria

Dart Mining is focused on exploration and re-discovery of historic Victorian goldfields

We aim to deliver a significant, large-scale, gold resource for development, leading to profitable gold mining operations

- **Nine Historic Goldfields**

- Buckland, Rushworth, Sandy Creek, Granite Flat, Dart, Mt Elmo, Saltpetre, Zulu, Upper Indi

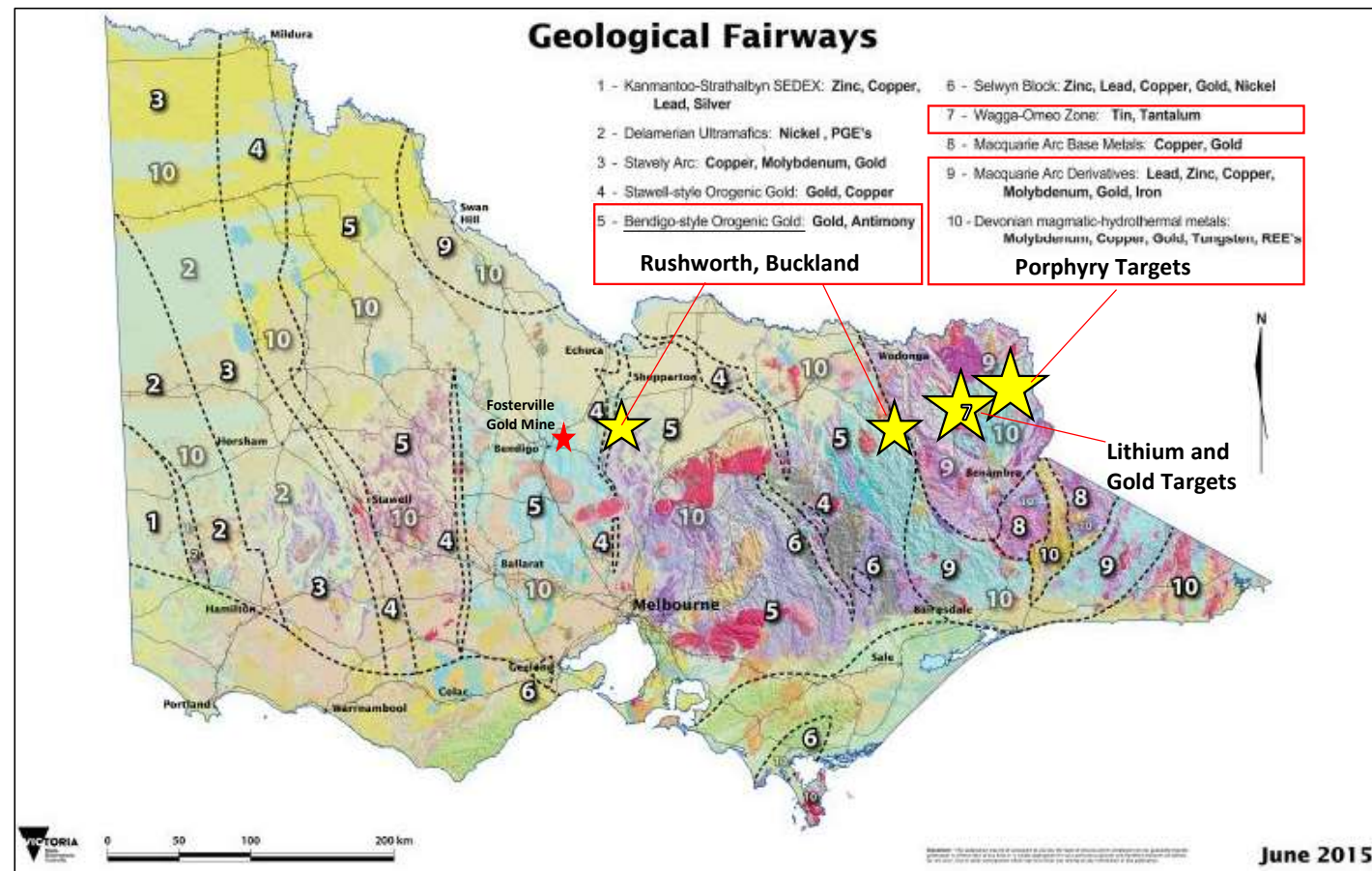
- **New Porphyry Province**

- Mt Unicorn discovery in 2008
- Numerous other mineralised porphyries offering Au, Cu, Mo, Zn, prospectivity

- **First hard-rock Lithium discovery on the east coast of Australia**

- ~3,000 LCT pegmatite dykes
- 4 types of Lithium mineralisation
- Significant Tin/Tantalum

NE Victoria is a polymetallic district prospectively amongst the best in Australia



EXPLORATION PROJECTS

Gold Prospects (9 Historic Goldfields)

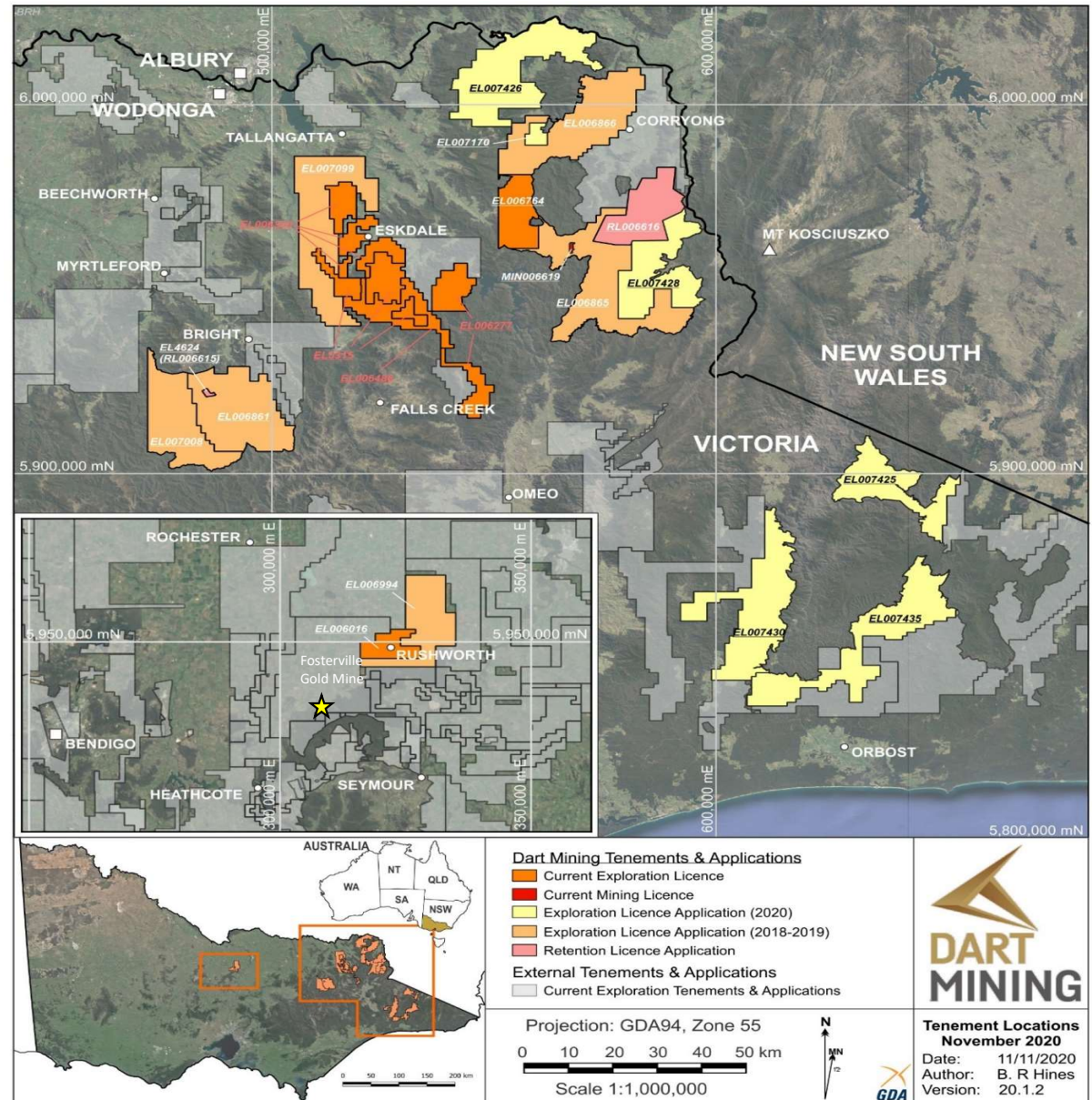
- Buckland Gold Project
- Sandy Creek
- Granite Flat / Empress
- Rushworth
- Mt View Project
- Dart Goldfield
- Onslow Reefs
- Zulu / Saltpetre Gap
- Mt Elmo

Porphyry Prospects (7 identified porphyry targets)

- Staceys – Au, Cu
- Gentle Annie – Cu, Au, Mo
- Mt Morgan – Mo, Ag, Sn, Au
- Empress / Empress South – Cu, Au
- Mt Unicorn – Mo, Cu, Ag, Zn
- Copper Quarry – Cu
- Shippen Gully

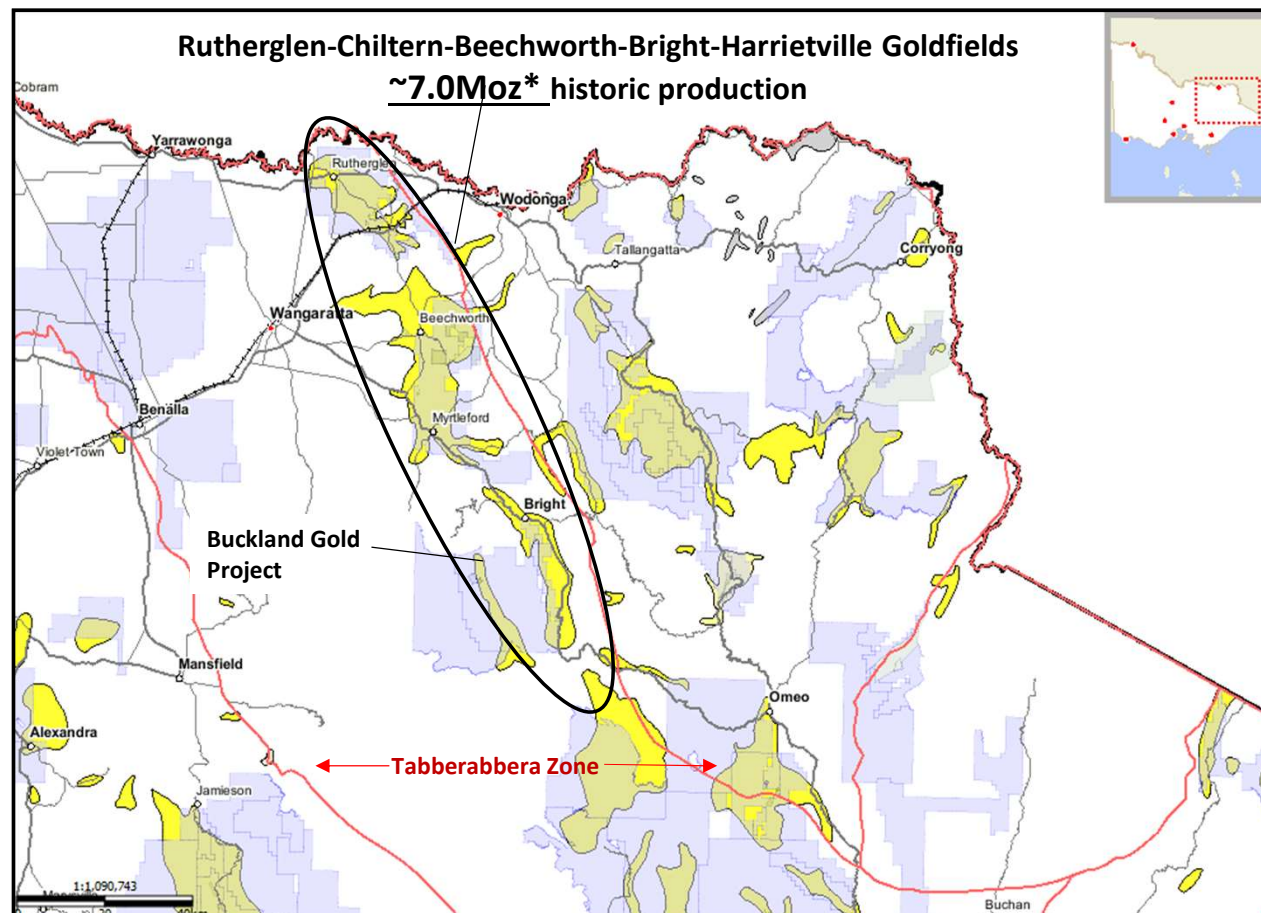
Lithium Prospects (~3,000 Li Cs Ta Dykes)

- Eskdale Work Area – Li, Sn, Ta, Cs, Nb
- Glen Wills Work Area – Li, Sn, Ta, Cs



BUCKLAND GOLD PROJECT - *Regional Gold Endowment*

- Buckland lies at the eastern structural edge of the Tabberabbera Zone ('TZ')
 - TZ is an area renowned for gold fertility
 - GSV interpret the TZ to be an extension of the world class gold-endowed Bendigo Zone
- Buckland is at the southern end of a prolific NW-trending gold-producing corridor (~7.0Moz historic production*)
- At Buckland, Dart has identified a 17.5km long major stacked shear zone hosting high grade gold in quartz in multiple structures
- The Buckland shear zone also hosts broad zones of disseminated gold mineralisation
- Thick gold mineralisation has been intersected in drilling 180 – 200m below surface



*historic production figures from: PHILLIPS G.N., 2010. Victorian Gold Province, Australia: A Contemporary Exploration Guide. *GeoScience Victoria Special Publication*

BUCKLAND GOLD PROJECT

Location

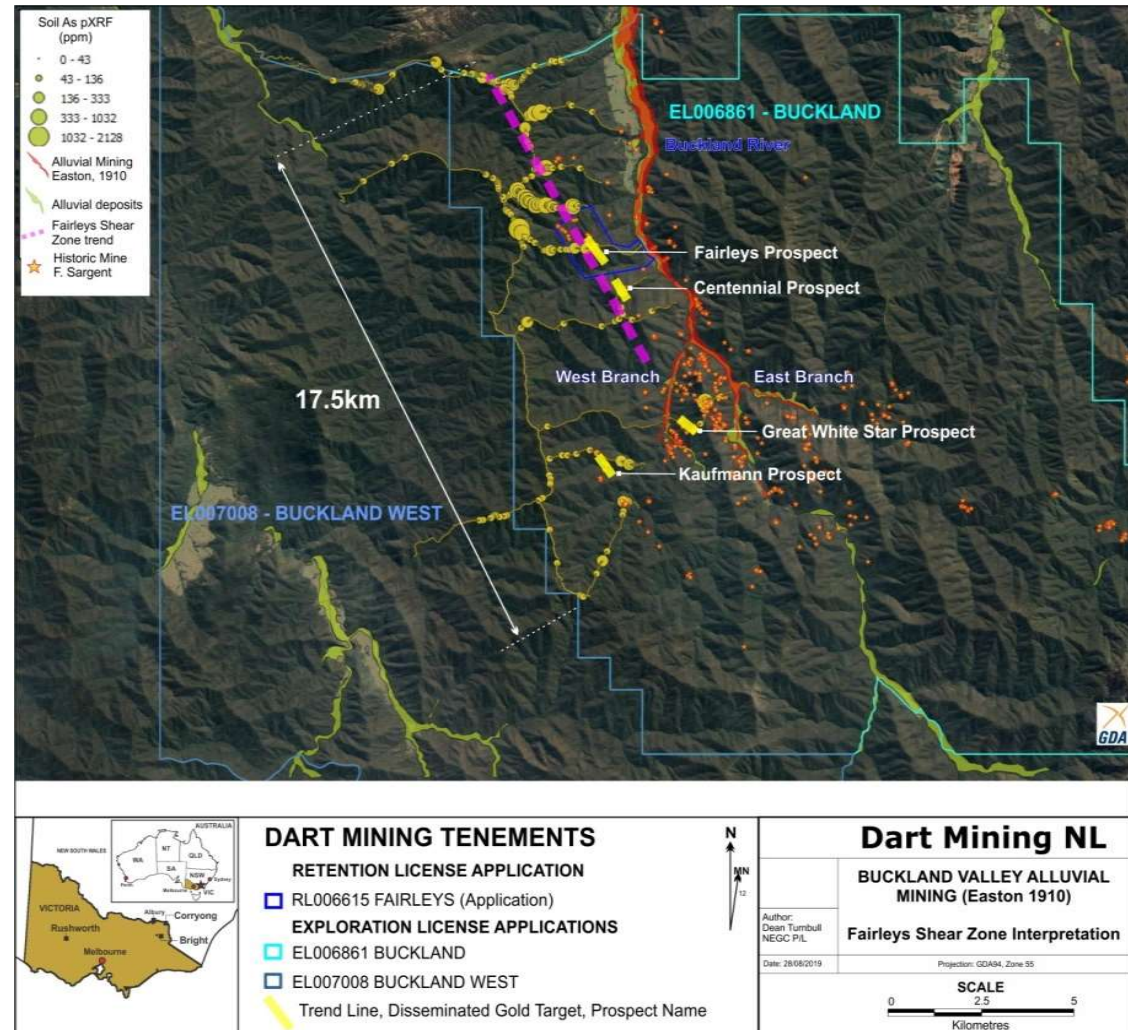
- Part of ~7.0Moz Rutherglen-Beechworth-Harrietville gold district
- Historic Primary + Alluvial production
- Buckland shows extensive shallow primary workings (>100) but low primary production (it's all still in the ground!)

Scale

- 17.5km strike identified from ~7,000 surface samples
- Multiple parallel stacked structures identified
- Thick mineralisation intersected >180m below surface
- Mineralisation extends to over 10m width at surface and down hole

Style

- Shear hosted, orogenic gold system
- Strong association of gold with arsenic
- Similarities with Bendigo and Fosterville style of gold mineralisation
- Multiple mineralization styles evident
 - Surface outcropping with vein-hosting high grade gold
 - Broad zones of disseminated sulphide hosted low and mid grade gold in altered wall rock



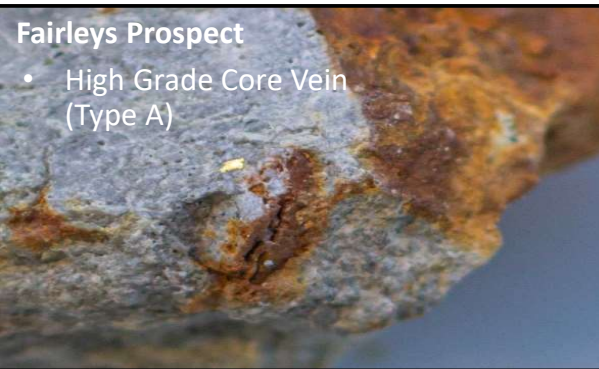
BUCKLAND GOLD PROJECT

MINERALISATION STYLE

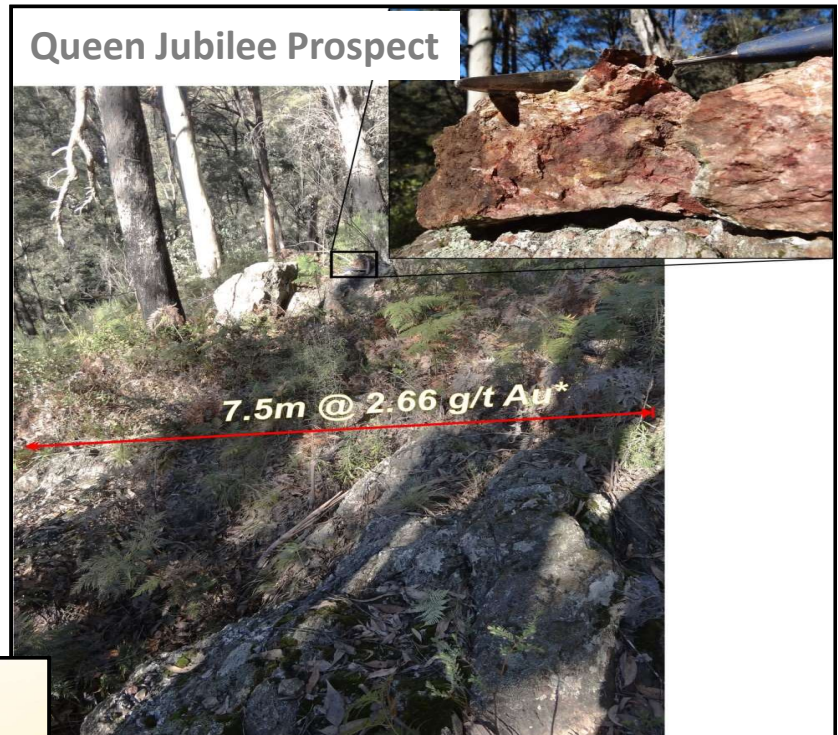
Recent ground exploration highlights from Buckland goldfields (ASX Announcement February 2020):

Rock chip and grab sample results

- 60.8g/t Au – grab sample
- 83.9g/t Au – grab sample
- 87.9g/t Au – grab sample
- 1m @ 48.5g/t Au – outcrop rock chip
- 7.5m @ 2.66g/t Au – outcrop rock chip
- 4m @ 9.79g/t Au – outcrop rock chip
- 14m @ 2.19g/t Au – outcrop rock chip



Up to 7.68g/t Au



(ASX Announcements February 2020, August 2019)

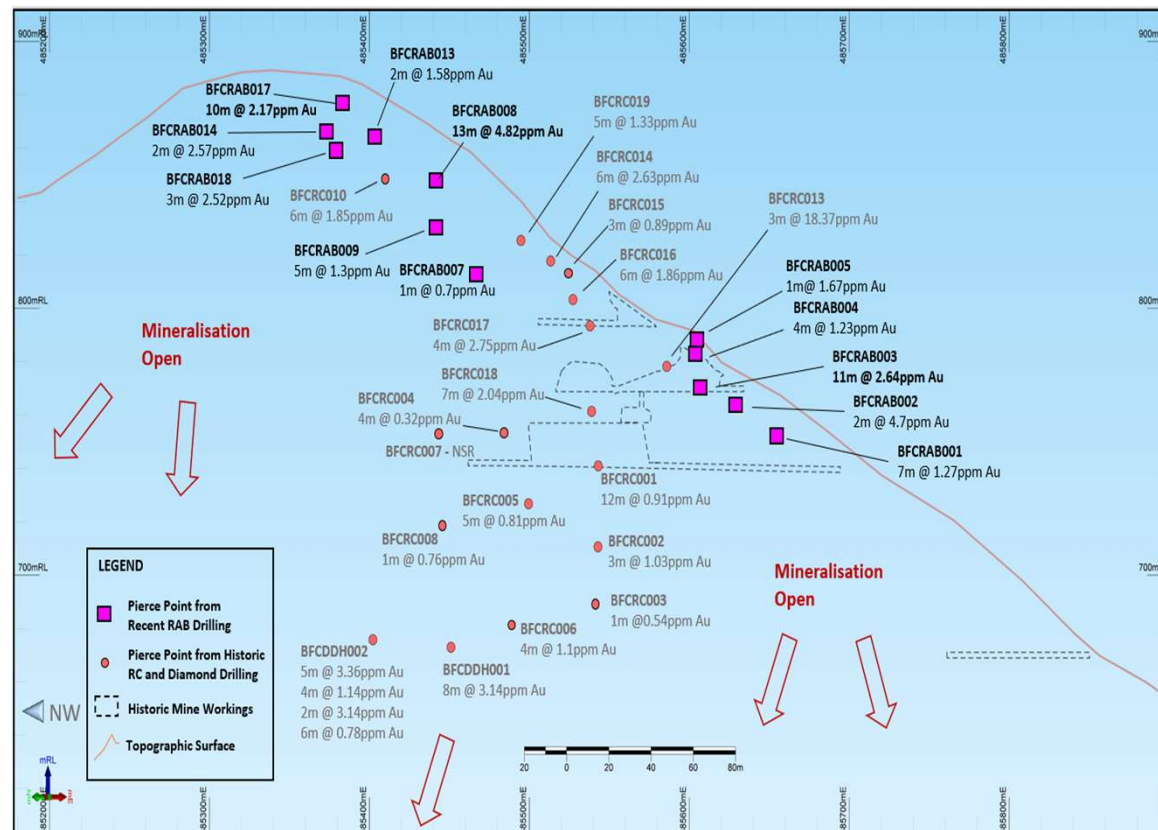
BUCKLAND GOLD PROJECT

RECENT DRILLING HIGHLIGHTS (ASX Announcement 19 October 2020)

Gold mineralization at the Fairley's Prospect has been extended by the recently completed (18 hole) RAB drilling program.

Significant intervals include:

- **13m @ 4.82 g/t Au** from 12m in BFCRAB008
 - Incl. **2m @ 11.6 g/t Au** from 20m
 - **11m @ 2.64 g/t Au** from 28m in BFCRAB003
 - Incl. **3m @ 7.49 g/t Au** from 29 m
 - **10m @ 2.27 g/t Au** from 4m in BFCRAB017
 - Incl. **2m @ 5.52 g/t Au** from 7m
 - **2m @ 4.70 g/t Au** from 17m in BFCRAB002
 - **3m @ 2.62 g/t Au** from 26m in BFCRAB018
 - **7m @ 1.27 g/t Au** from 19m in BFCRAB001
 - **5m @ 1.30 g/t Au** from 32m in BFCRAB009
- Mineralisation remains open and untested along strike and at depth
 - Fairley's forms only a small part of the 17.5km long gold and arsenic anomalous, multi-structure Buckland Gold Project, Dart Mining's highest priority exploration project.

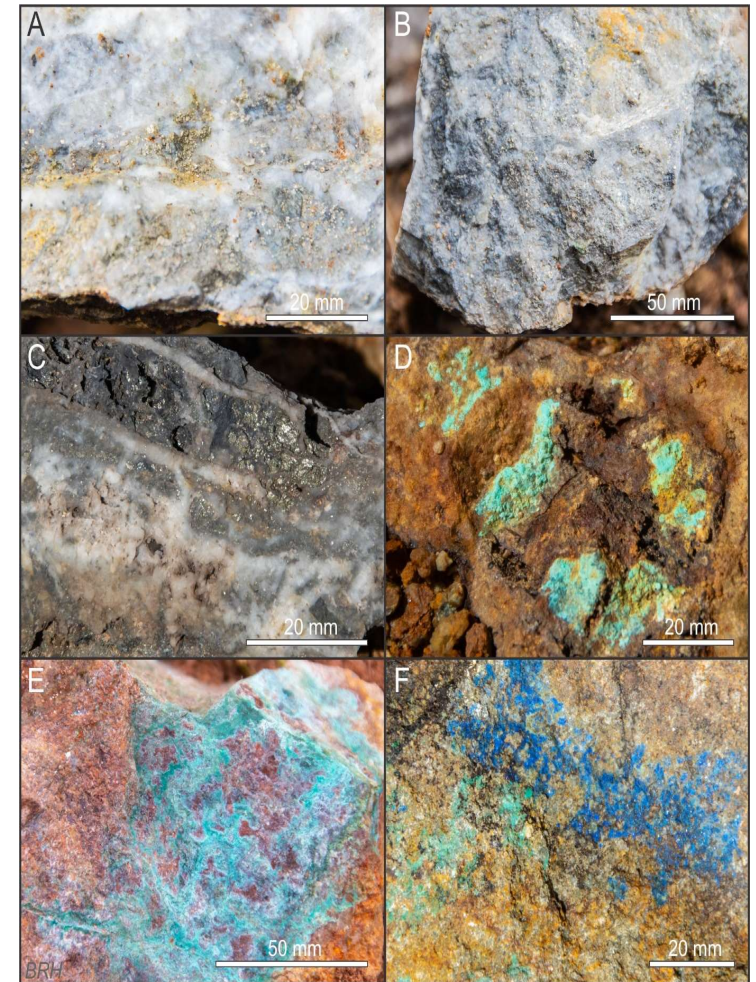
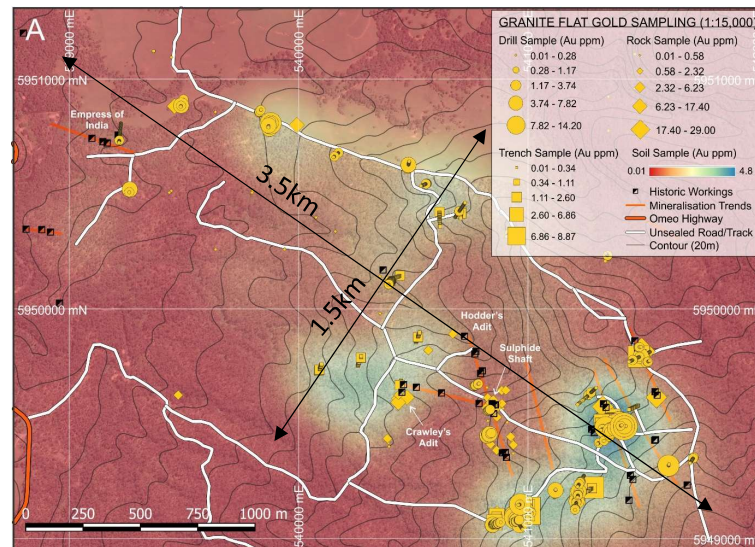


GRANITE FLAT GOLD PROJECT

Orogenic Gold with Porphyry Potential

Located approximately 74 km southeast of Albury-Wodonga

- Previous exploration includes 71 shallow RC and Diamond drillholes
- Large intersections of significant Au, Ag, Bi, Cu, Pb, Zn identified by past drilling, trenching and rock chip sampling
- Extensive gold and copper soil anomalies
- Strong, coincident geophysical and geochemical anomalies remain to be investigated
- Both orogenic gold and multi-commodity porphyry-style mineralisation potential
- Host rocks display a complex geological history - great potential as a porphyry target due to the polyphase Devonian Banimboola Quartz Monzodiorite (BQM)
- **>1000m RAB drilling program underway**
- **Results are pending**



Examples of copper mineralisation styles and species from Granite Flat.

(Figures from ASX Announcement 27/10/2020)



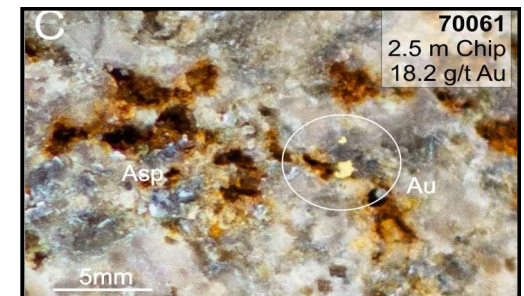
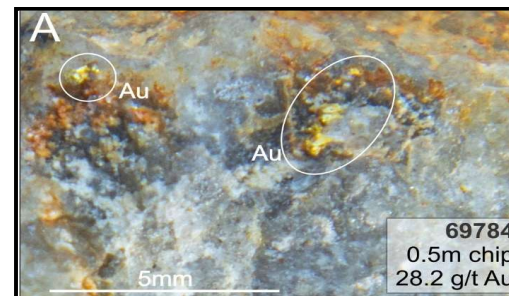
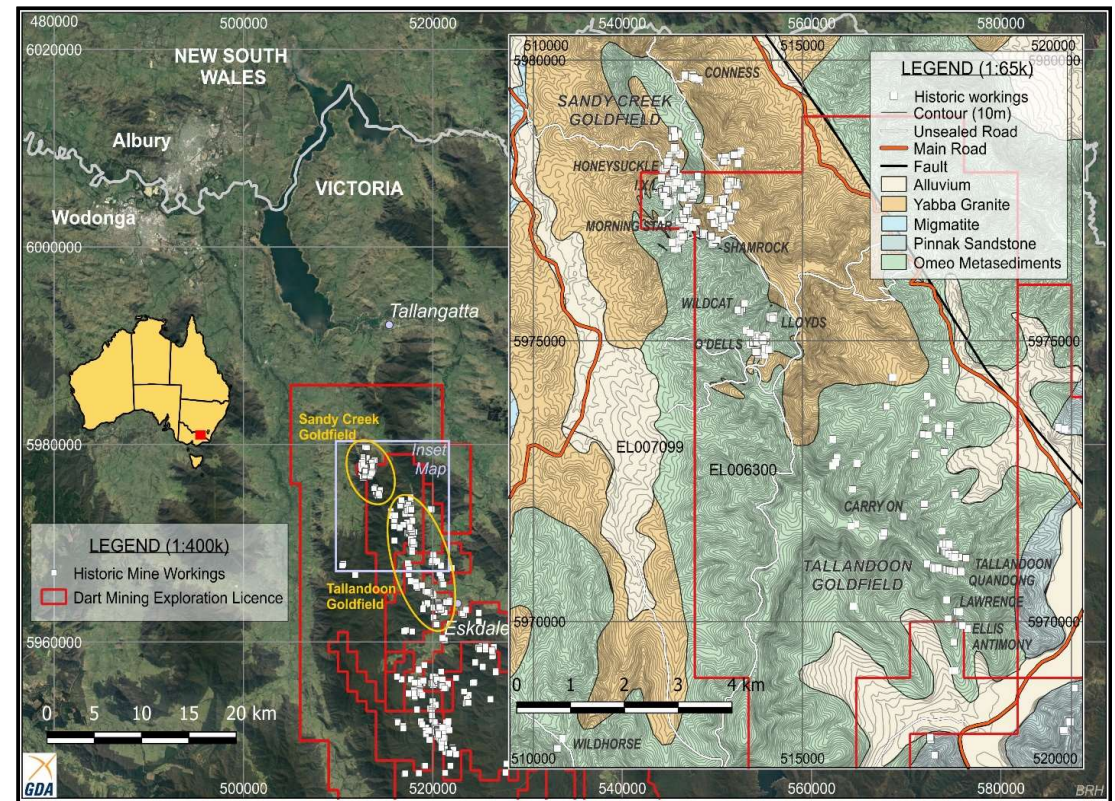
SANDY CREEK GOLD PROJECT*

Location

- 60 km south of Albury-Wodonga in Northeast Victoria
- The Sandy Creek and Tallandoon goldfields are known for historical production of exceptionally high-grade gold from narrow lodes (up to 3,500 g/t).

Recent Work

- Multiple occurrences of disseminated gold-sulphide mineralisation in hydrothermally altered granites
- High-grade gold occurring with antimony-lead-zinc-gold-silver silica-sulphide mineralisation identified at Tallandoon
- An orthogonal fault system that has focused gold mineralisation, redefining the exploration model for this area
- Petrological studies have identified multiple possible mineralisation styles, including orogenic lode and intrusion-related styles
- Dart completed 993m of exploratory RAB drilling at multiple sites at Sandy Creek during October
- Results are pending



(*ASX Announcement 03/07/2020)

SANDY CREEK GOLD PROJECT cont..

- Chip sampling has identified several zones of high-grade quartz-free gold and disseminated sulphide mineralisation associated with altered granites

Ellis Antimony

- 0.2m @ 122 g/t Au (silica-sulphide)
- Grab samples @ 6.48% Sb, 23.8 g/t Ag, 0.68% Pb, 0.82% Zn

Shamrock

- 20.0m @ 4.0 g/t Au (true width unknown; altered granite) (including 2.5m @ 12.3 g/t Au [true width; altered granite])
- 2.0m @ 6.38 g/t Au, (including 1.0m @ 11.55 g/t Au [altered granite])

O'Dell's

- 0.8m @ 14.4 g/t Au (altered granite)
- 1.0m @ 12.65 g/t Au (altered granite)
- 0.5m @ 28.2 g/t Au (gold-silica)

Wildcat

- Grab samples at 26.2 g/t, 23.6 g/t & 10.6 g/t Au

Morning Star

- Grab sample at 140 g/t Au & 35.1 g/t Ag

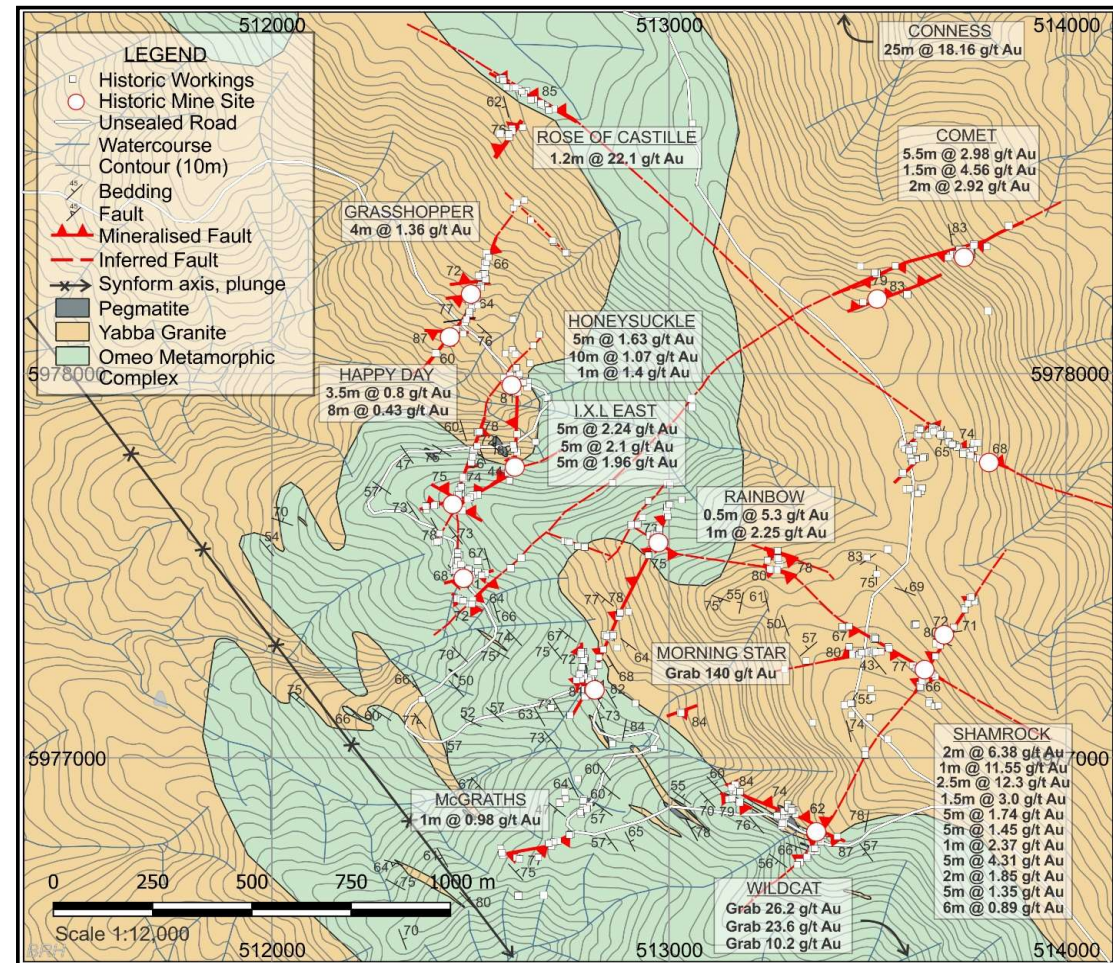
Honeysuckle

- 5.0m @ 1.63 g/t Au (along strike; altered granite)
- 10.0m @ 1.07 g/t Au (along strike; altered granite)

I.X.L East

- 14.0m @ 1.46 g/t Au

(ASX Announcement 03/07/2020)



No modern exploration activity has been undertaken on the Sandy Creek or Tallandoon Gold Fields



RUSHWORTH GOLD PROJECT

Location

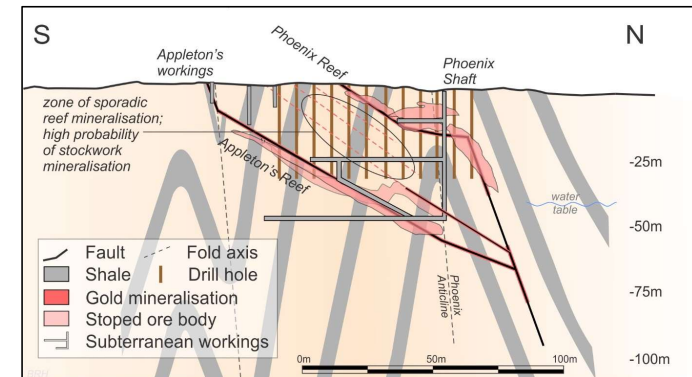
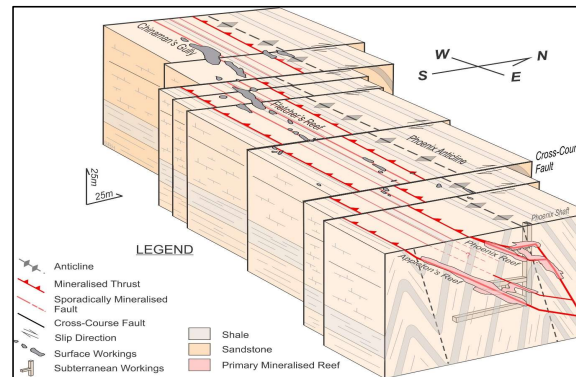
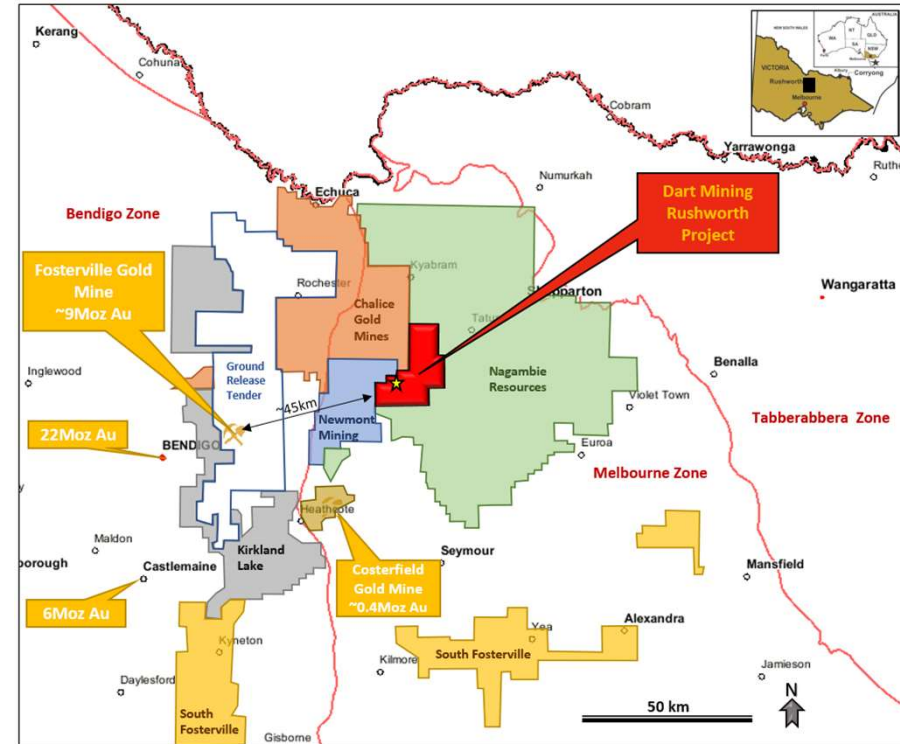
- The Rushworth Goldfield is located in Central Victoria, 45km northeast of the Fosterville Gold Mine

Profile

- Dart's tenure is surrounded by major explorers such as Newmont Mining, Chalice Gold Mines and Nagambie Resources
- Dart owns 100% of licences covering the Rushworth Goldfield
- The mineralisation at Rushworth is orogenic *epizonal* quartz-vein style that is interpreted to be genetically similar to the Fosterville high-grade gold style
 - Multiple structures evident with three primary quartz vein orientations
 - Two main parallel lines of strike, both over 7km long
 - Limited historic mining and drilling have intersected mineralised veins to 200m depth
 - Very high grade-gold historically mined
 - Very few historic mines developed below the water table (~50m depth)

Recent Work

- Dart recently commenced a ~1000m RC drill program designed to intersect multiple interpreted mineralised vein sets and provide a bulk sample to accurately assess gold content at the prospect
 - Results are pending



A NEW PORPHYRY PROVINCE IN VICTORIA

Multiple porphyry targets:

STACEY'S (Au, Cu)

- strong Au/As/Cu Geochem, mapped QF dykes

GENTLE ANNIE (Cu, Au, Mo)

- Interpreted concealed porphyry, classic geochemical and geophysical porphyry signature

GRANITE FLAT (Au, Cu)

- Large Au footprint in historic workings – Cu, Au noted in porphyritic rocks

MORGAN (Mo, Ag, Sn, Au)

- known mineralised Mo-Ag(+Au) QFP. Large classic porphyry geochemical signature

COPPER QUARRY (Cu)

- outcropping altered and mineralised QFP, strong Cu soil geochemistry, bimodal system

EMPRESS / EMPRESS SOUTH (Cu)

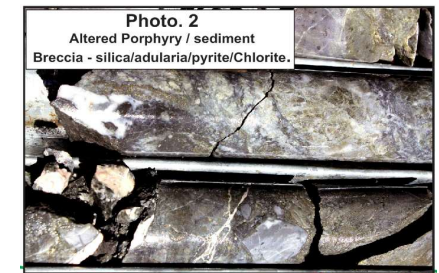
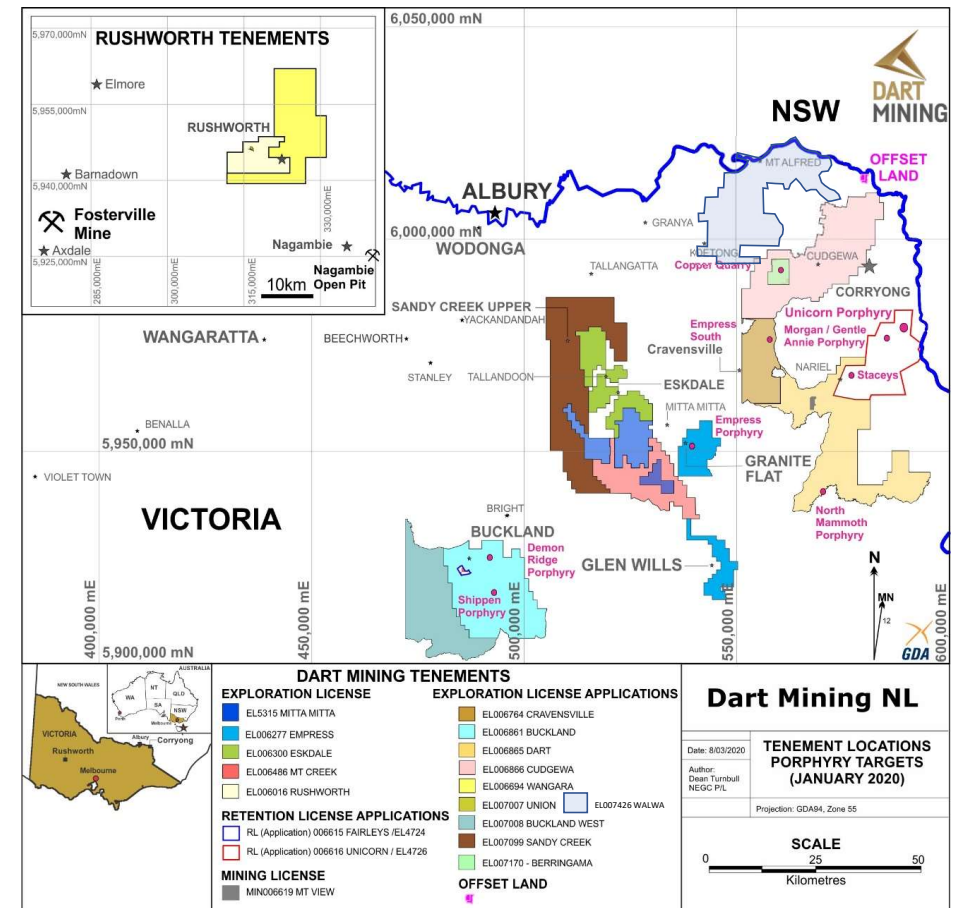
- magnetic signature with strong Cu soil geochemistry

UNICORN (Mo, Cu, Ag, Zn)

- 200Mt Mo-Ag-Cu resource in outcropping QFP. Climax-style mineralisation. Additional targets at depth and adjacent

SHIPPEN GULLY PORPHYRY

- Multiphase intrusion, silica flooded with stockwork showing Mo



TENEMENT STATUS

Tenement Number	Name	Tenement Type	Area (km2) Unless specified	Interest	Location
EL5315	Mitta Mitta ⁴	Exploration	172	100%	NE Victoria
EL006016	Rushworth	Exploration	60	100%	Central Victoria
EL006277	Empress	Exploration	165	100%	NE Victoria
EL006300	Eskdale ³	Exploration	183	100%	NE Victoria
EL006486	Mt Creek	Exploration	190	100%	NE Victoria
EL006764	Cravensville	EL (Application)	170	100%	NE Victoria
EL006861	Buckland	EL (Application)	414	100%	NE Victoria
EL006865	Dart	EL (Application)	567	100%	NE Victoria
EL006866	Cudgewa	EL (Application)	508	100%	NE Victoria
EL006994	Wangara	EL (Application)	190	100%	Central Victoria
EL007007	Union ⁴	EL (Application)	3	100%	Central Victoria
EL007008	Buckland West	EL (Application)	344	100%	NE Victoria
EL007099	Sandy Creek	EL (Application)	437	100%	NE Victoria
EL007170	Berringama	EL (Application)	27	100%	NE Victoria
EL007426	Walwa	EL (Application)	499	100%	NE Victoria
EL007428	Boebuck	EL (Application)	355	100%	NE Victoria
EL007425	Deddick	EL (Application)	341	100%	Eastern Victoria
EL007430	Buchan	EL (Application)	546	100%	Eastern Victoria
EL007435	Goonerah	EL (Application)	587	100%	Eastern Victoria
RL006615	Fairley's ²	Retention License Application	340 Ha	100%	NE Victoria
RL006616	Unicorn ^{1&2}	Retention License Application	23,243 Ha	100%	NE Victoria
MIN006619	Mt View ²	Mining License	224 Ha	100%	NE Victoria

All tenements remain in good standing at October 2019.

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 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



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