Dart Mining NL (ASX:DTM)

Re-Discovering the Goldfields of Central and North East Victoria

James Chirnside - Managing Director

Dart Mining NL EGM 4th June 2020

DART MINING

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.

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ASX:DTM

Corporate Directory

Corporate Metrics

- ASX Code - DTM
- Shares on Issue – 63.2m
- Options on Issue – 7.7m
- Market Capitalisation @ $.07 = ~A$4.5m

Board

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

Management

- Dean Turnbull – Senior Geologist, Founder
- Steve Groves – Senior Geologist, Head of Exploration
- Ben Hines – Senior Geologist, Field Operations
- 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

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Exploration and re-discovery of historic Victorian goldfields

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 worlds gold was produced from the 1850's – 1920's from shallow mining. Early miners were – due to circumstances at the time - extracting only super high-grade 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 the state and attracted significant international interest
- Historically, Victoria has one of the worlds 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 at record historic highs and production margins amongst the highest of any industry we look favourably on the Junior Exploration sector for the foreseeable future

Dart Mining holds an ~4,000km^2 exploration portfolio in NE and Central Victoria with numerous high-quality Lode style Au, Porphyry Cu-Au-Mo, Li, and REE targets

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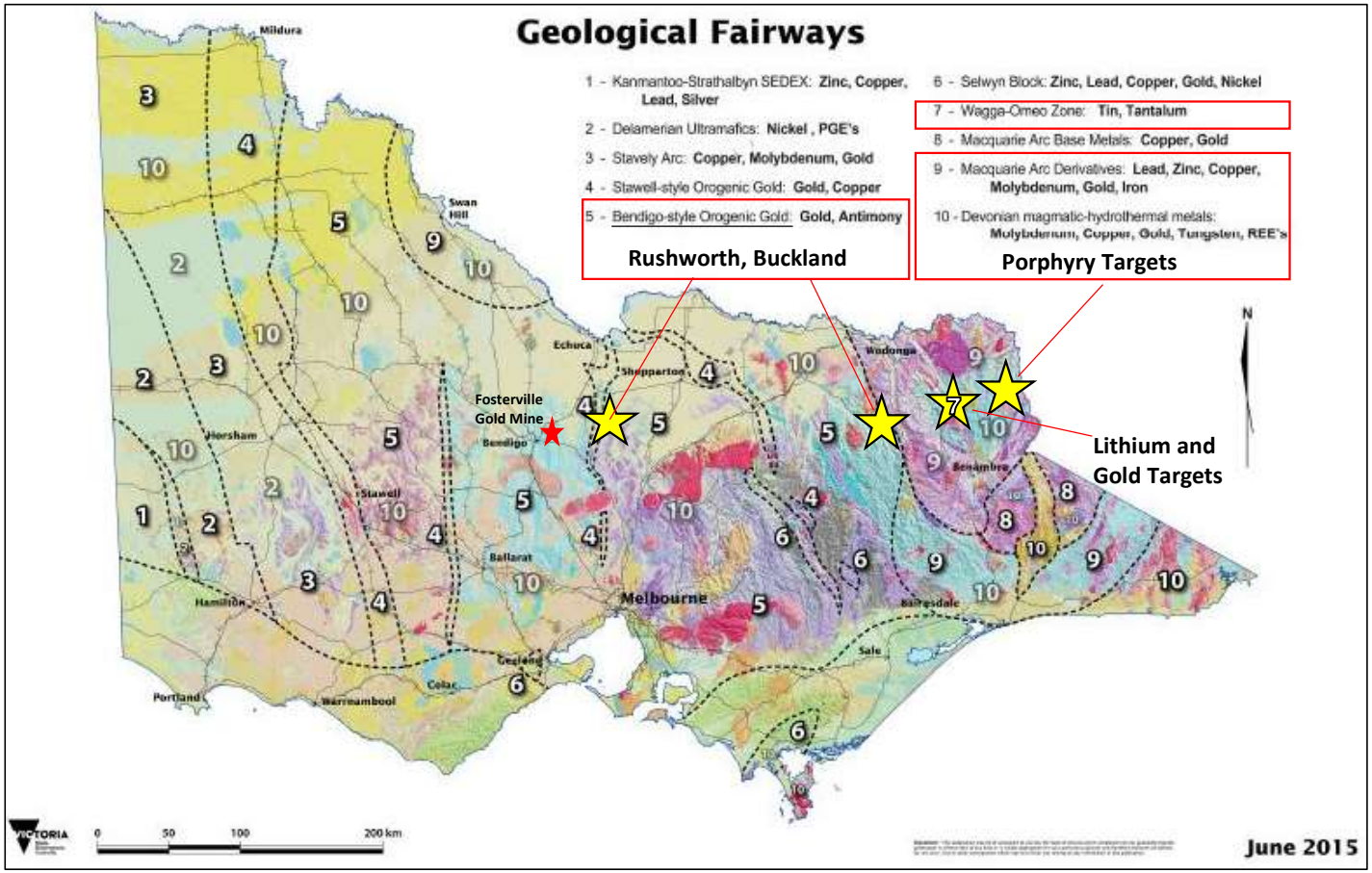
REGIONAL SETTING

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

- Gold – 9 Historic Goldfields under tenure, including:
  - Buckland Gold Project (adjacent to ~7Moz historic gold "corridor")
  - Rushworth goldfield (~45km from Fosterville Gold Mine)
- Dart has tenure over a new porphyry province in NE Victoria
  - Numerous mineralised porphyries already discovered
- Dart discovered the first hard-rock Lithium province on the east coast of Australia
  - Pegmatite field also contains significant Tin mineralisation and REE
- Dart is committed to extracting value for shareholders from all its entire tenement portfolio



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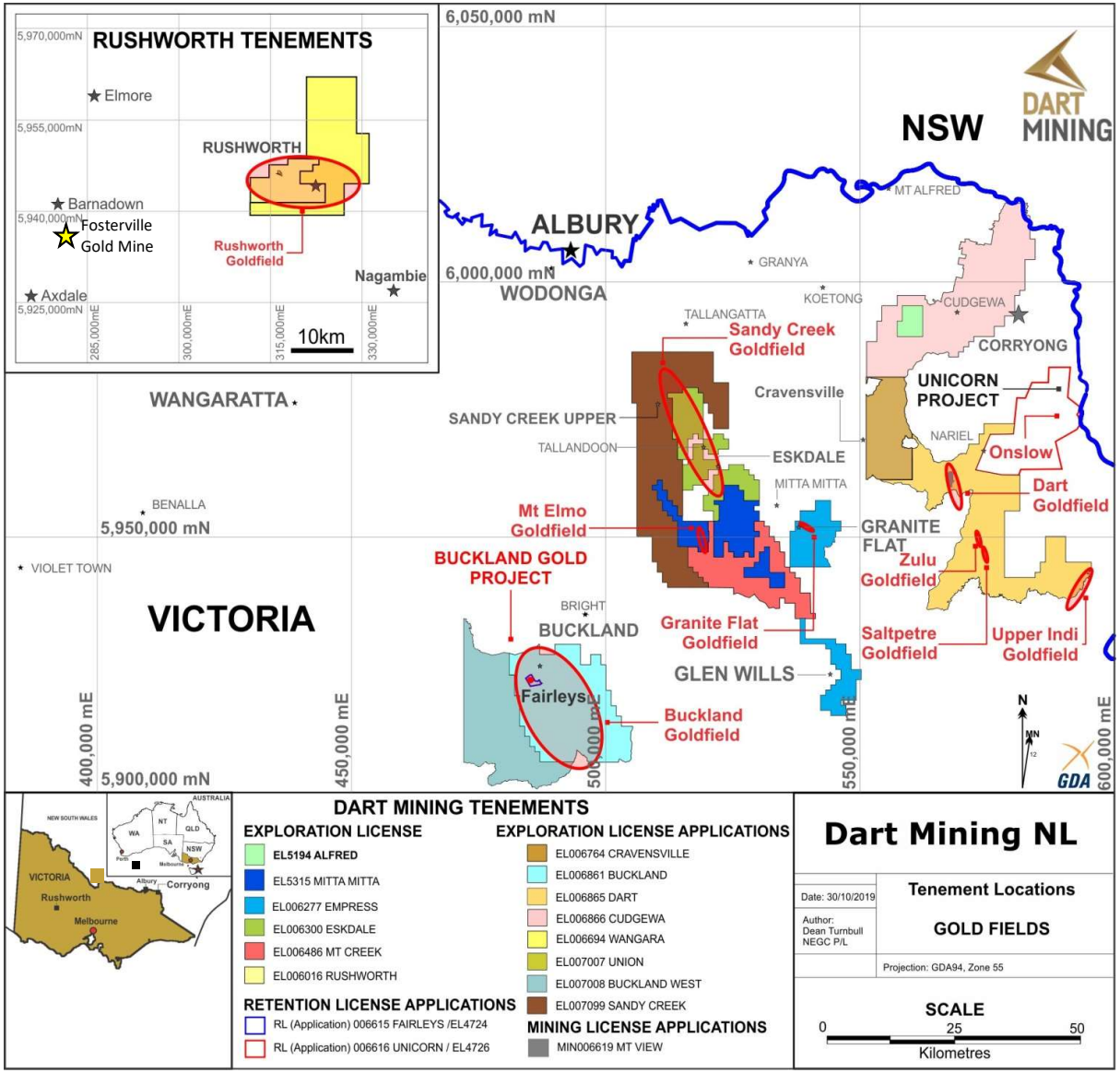
EXPLORATION PROJECTS

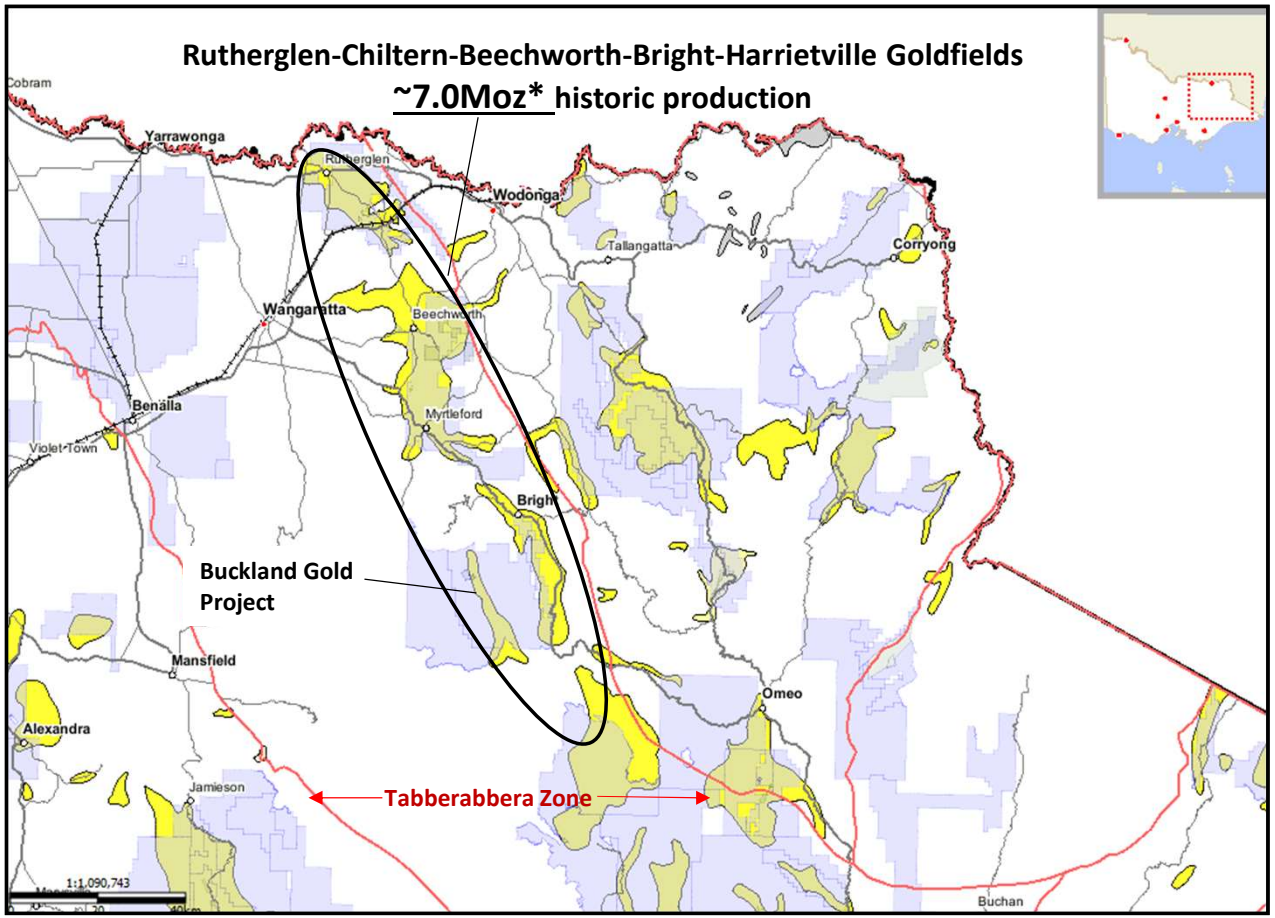
- Gold Prospects (9 Historic Goldfields)
  - Buckland Gold Project
  - Dart Goldfield
  - Mt View Project
  - Rushworth
  - Sandy Creek
  - Granite Flat
  - Onslow Reefs
  - Zulu / Saltpetre Gap
  - Mt Elmo
- Porphyry Prospects (7 identified porphyry targets)
  - Staceys – Au, Cu
  - Gentle Annie – Cu, 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

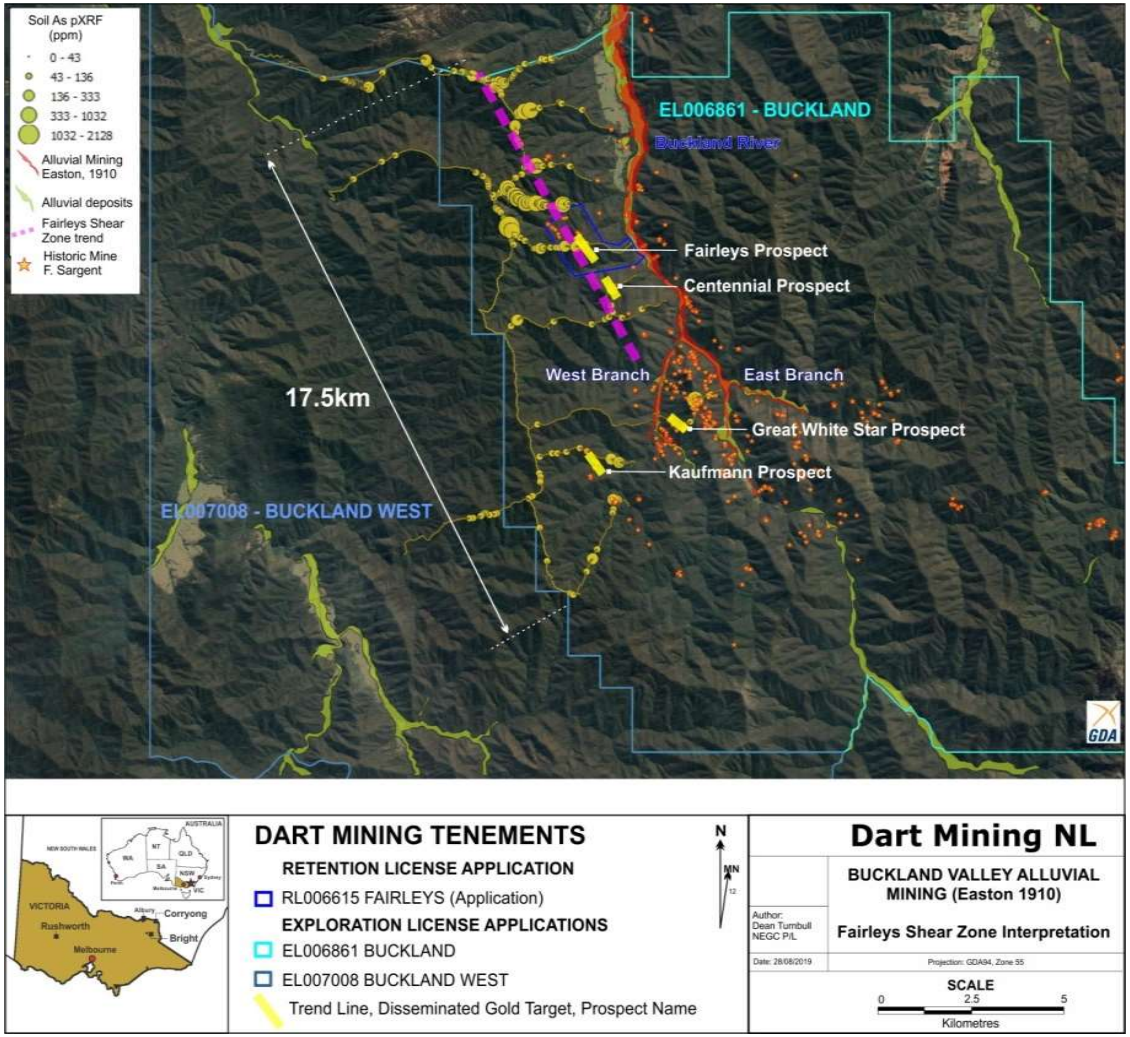
- Buckland lies at the eastern structural edge of the Tabberabbera Zone ('TZ')
  - An area renowned for gold fertility
  - GSV interpret the TZ to be an extension of the world class gold-endowed Bendigo Zone
- Buckland is at the southern end of a prolific NW-trending gold-producing corridor (~6.9Moz 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 6.9Moz Rutherglen-Beechworth-Harrietville gold district
  - 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 surface sampling
  - Multiple parallel 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



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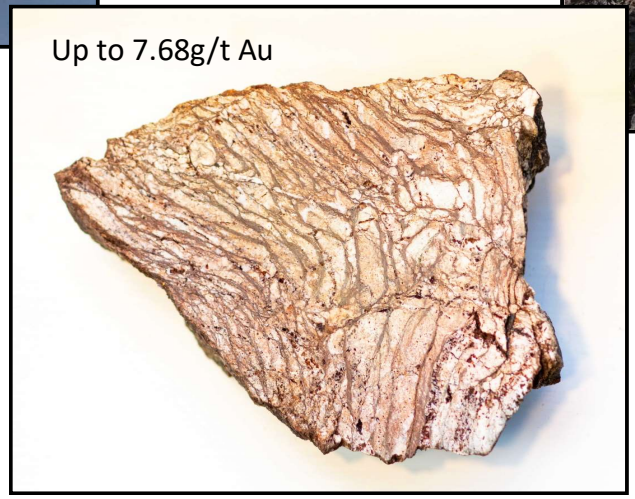
BUCKLAND GOLD PROJECT

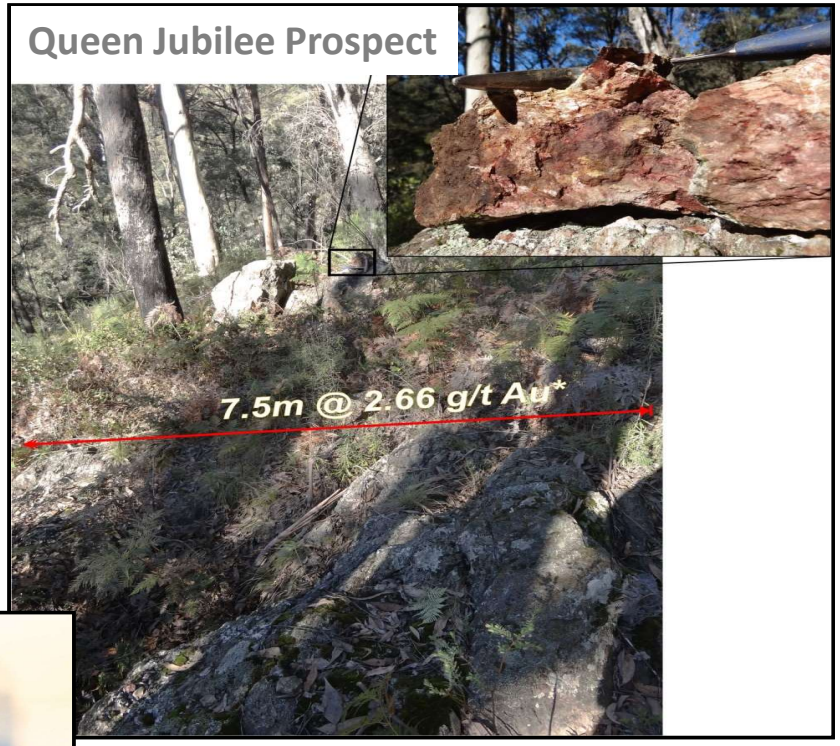
Mineralisation Style

- **Fairleys Prospect**
  - High Grade Core Vein (Type A)



  - Sheared Sediment Halo (Type B)







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(ASX Announcements February 2020, August 2019)

BUCKLAND GOLD PROJECT

Recent Exploration Results

Recent 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 – rock chip across outcrop
  - 7.5m @ 2.66g/t Au – rock chip across outcrop
  - 4m @ 9.79g/t Au – rock chip across outcrop
  - 14m @ 2.19g/t Au – rock chip across outcrop

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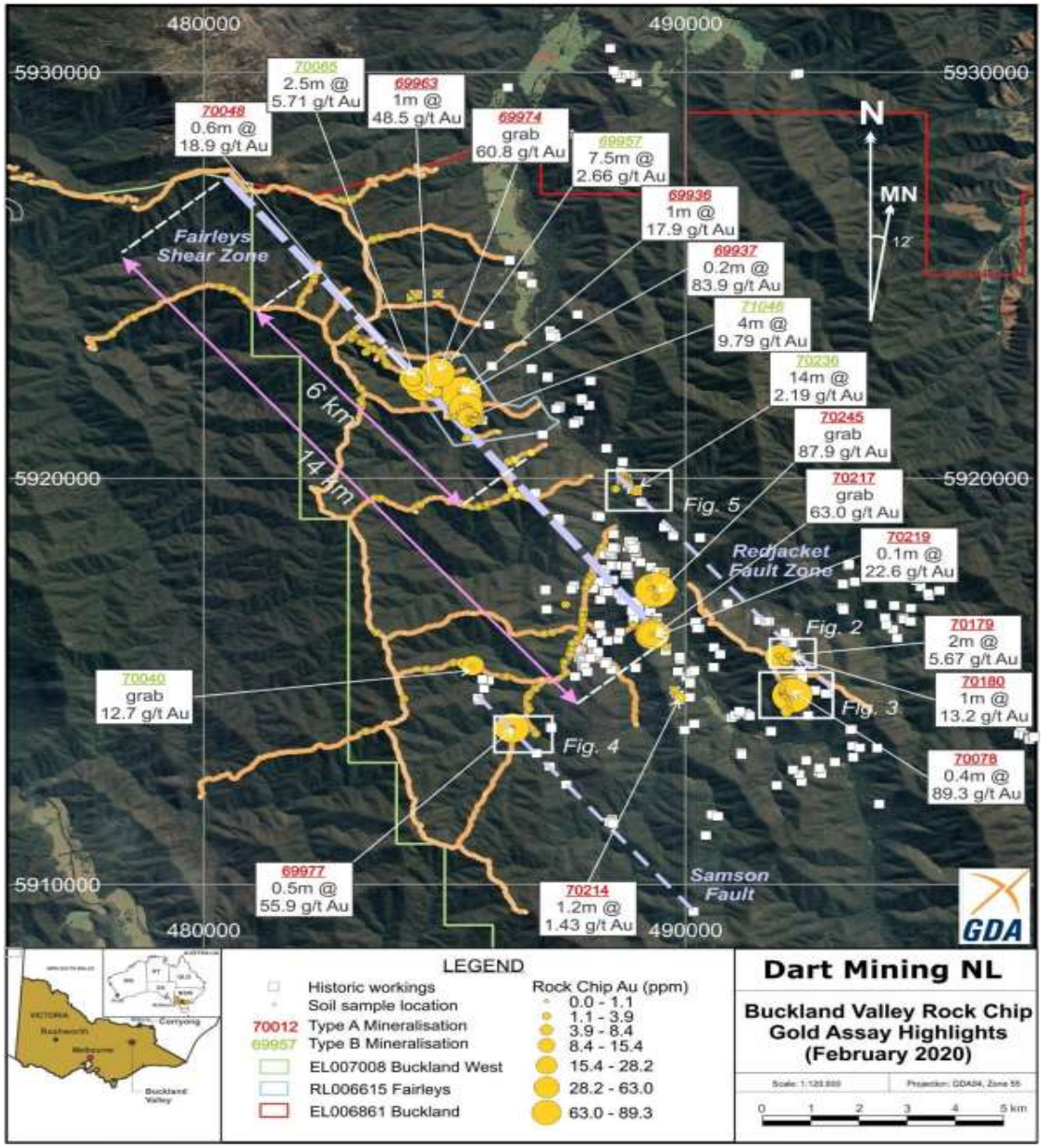

BUCKLAND GOLD PROJECT

Drilling Highlights

SHEAR-HOSTED GOLD:

- Mapping / Sampling / Drilling confirms gold mineralised shears exist at several historic prospects over the 17.5km strike length
- Limited RC and Diamond drilling around old workings at Fairlys has previously shown high grades and thick widths to exist both close to surface and at depth, demonstrating:
  - A considerable quartz vein and disseminated gold system
  - Potential for significant tonnes and mineralisation across the 17.5km long shear zone
- Highlights from limited previous drilling at Fairlys include:
  - **21m @ 1.41g/t Au (BFCDDH001)**
  - **40m @ 0.84g/t Au (BFCDDH002)**
  - **3m @ 18.37g/t Au (BFCRC013)**
  - **1m @ 6.02g/t Au (BFCRC013)**
  - **6m @ 2.53g/t Au (BFCRC014)**
  - **5m @ 2.28g/t Au (BFCRC017)**
  - **5m @2.55g/t Au (BFCRC018)**

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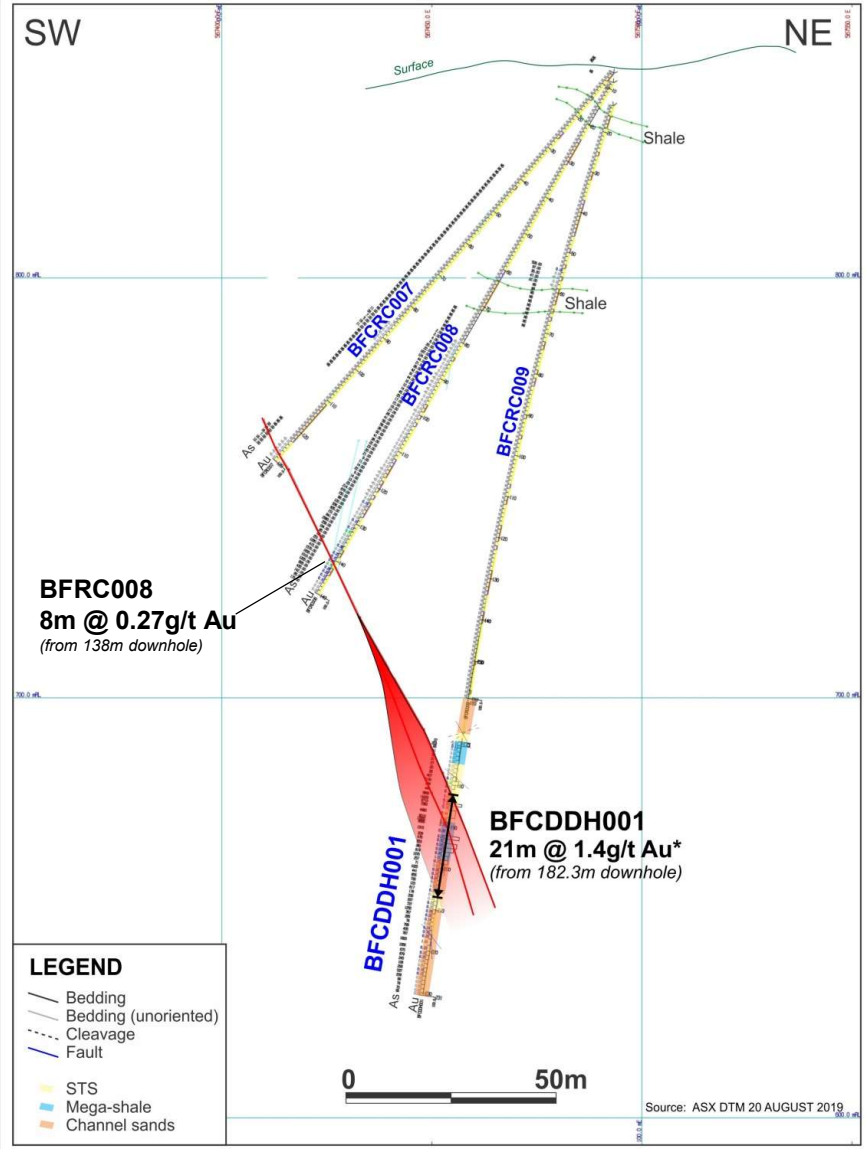
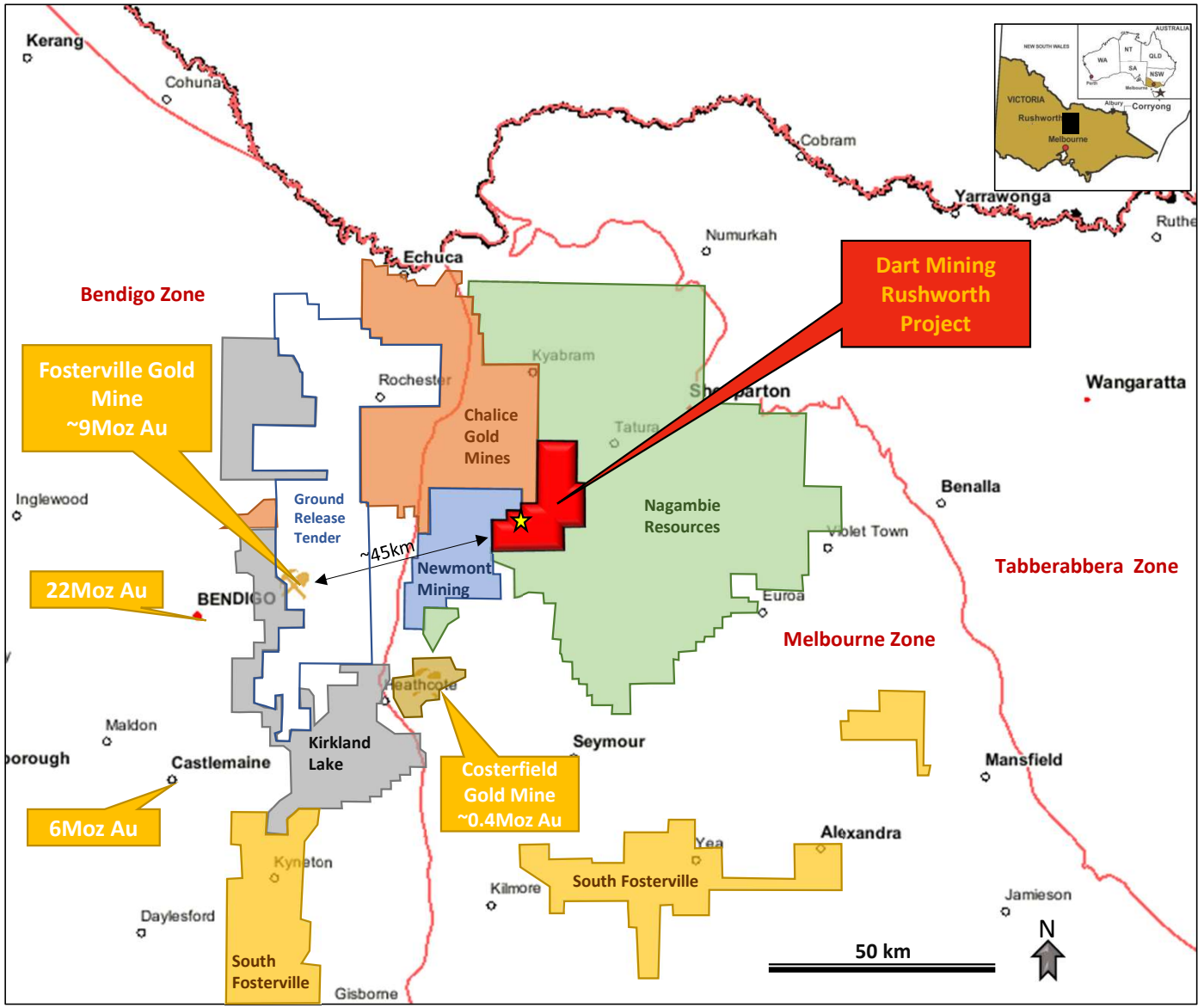


(ASX Announcement August 2019)

RUSHWORTH GOLD PROJECT

- The Rushworth Goldfield is located in Central Victoria, 45km northeast of the Fosterville Gold Mine
- Surrounded by major explorers such as Newmont Mining and Chalice Gold Mines
- 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)



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A New Porphyry Province in NE 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
- EMPRESS (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

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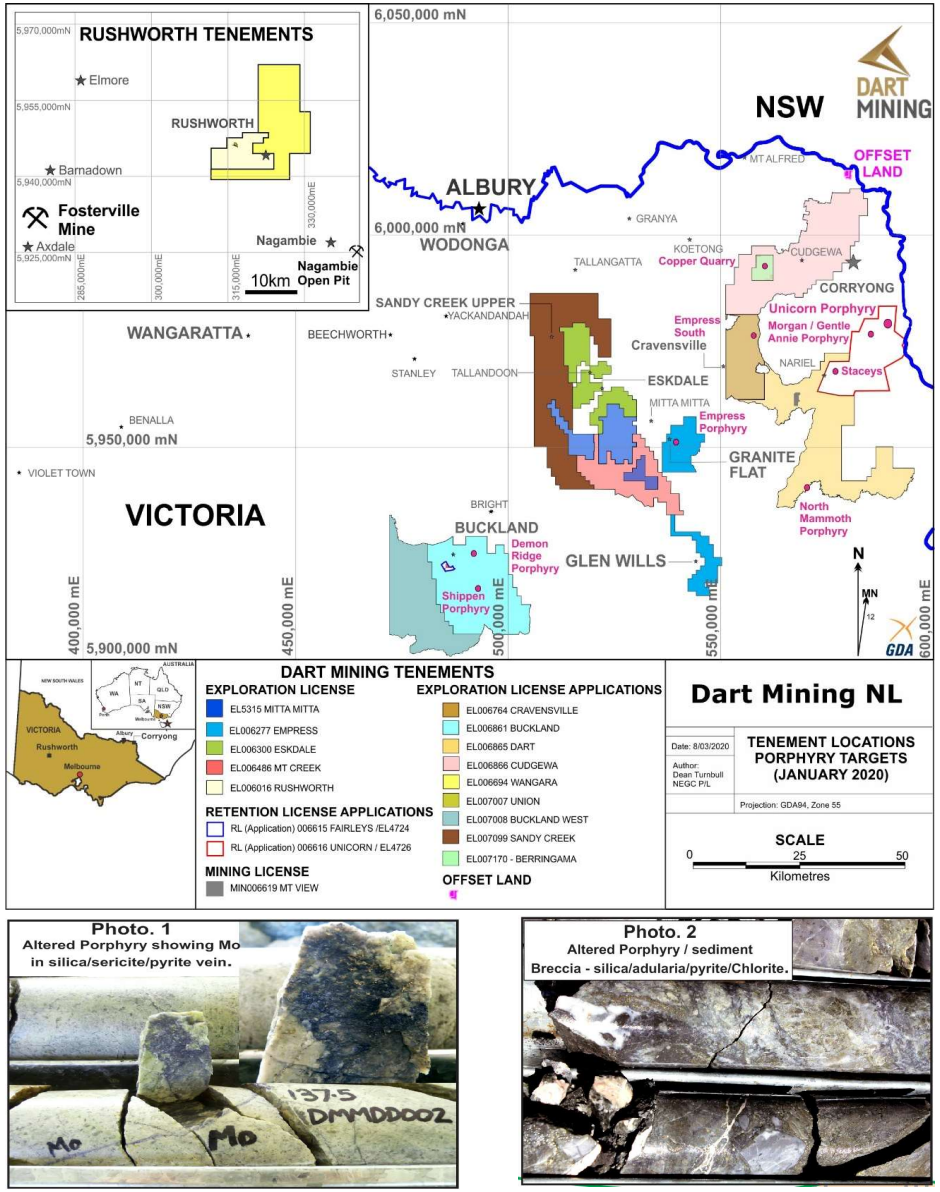

TENEMENT STATUS

Tenement Number	Name	Tenement Type	Area (km^2) Unless specified	Interest	Location
EL5194	Mt. Alfred	Exploration	27	100%	NE Victoria
EL5315	Mitta Mitta[4]	Exploration	172	100%	NE Victoria
EL006016	Rushworth[4]	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	EL (Application)	3	100%	Central Victoria
EL007008	Buckland West	EL (Application)	344	100%	NE Victoria
EL007099	Sandy Creek	EL (Application)	437	100%	NE 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 Application	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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