VERTEX MINERALS LIMITED
Hill End Presentation

High Grade Gold Mine
Aiming to have Green Credentials

June 2022 | ASX: VTX

Disclosure and forward looking statements

Competent Persons Statement

The information in this report that relates to Mineral Resources is based on information compiled by Mr. Roger Jackson, a Director and Shareholder of the Company, who is a 25+ year Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM) and a Member of Australian Institute of Company Directors. Mr. Jackson has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which he is undertaking 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. Jackson consents to the inclusion of the data contained in relevant resource reports used for this announcement as well as the matters, form and context in which the relevant data appears.

Disclaimer

This presentation contains forward-looking statements which are identified by words such as 'anticipates', 'forecasts', 'may', 'will', 'could', 'believes', 'estimates', 'targets', 'expects', 'plan' or 'intends' and other similar words that involve risks and uncertainties. Indications of, and guidelines or outlook on, future earnings, distributions or financial position or performance and targets, estimates and assumptions in respect of production, prices, operating costs, results, capital expenditures, reserves and resources are also forward-looking statements. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions and estimates regarding future eventsand actions that, while considered reasonable as at the date of this announcement and are expected to take place, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, the directors and management. We cannot and do not give any assurance that the results , performance or achievements expressed or implied by the forward-looking statements contained in this announcement will actually occur and readers are cautioned not to place undue reliance on these forward-looking statements. These forward-looking statements are subject to various risk factors that could cause actual events or results to differ materially from the events or results estimated, expressed or anticipated in these statements.

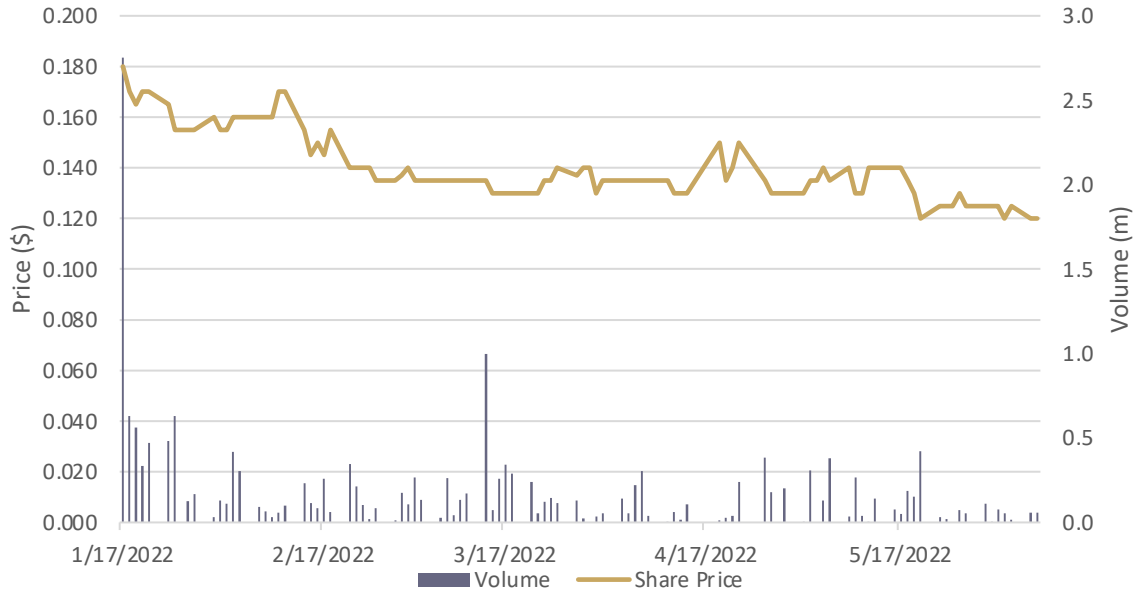
VTX Structure

Capital Structure & Cash Position

ASX Code	VTX
Shares	48.7 m
Options and performance rights	8.5 m
Market capitalisation [1]	$5.3 m
Share price [1]	$0.12
Cash [2]	$4.0 m
EV (undiluted)	$2 m
Top 20 shareholders	58.5%

[1] As at 08/06/2022 | [2] As at 31 March 2022

Share Price and Volume



Directors

Executive Chairman	Roger Jackson
Technical Director	Tully Richards
Director	Declan Franzmann

Location

NSW Gold Projects + WA Gold & Nickel

Projects in focus are located in the highly prospective Lachlan Fold Belt of Central West NSW.

Hill End

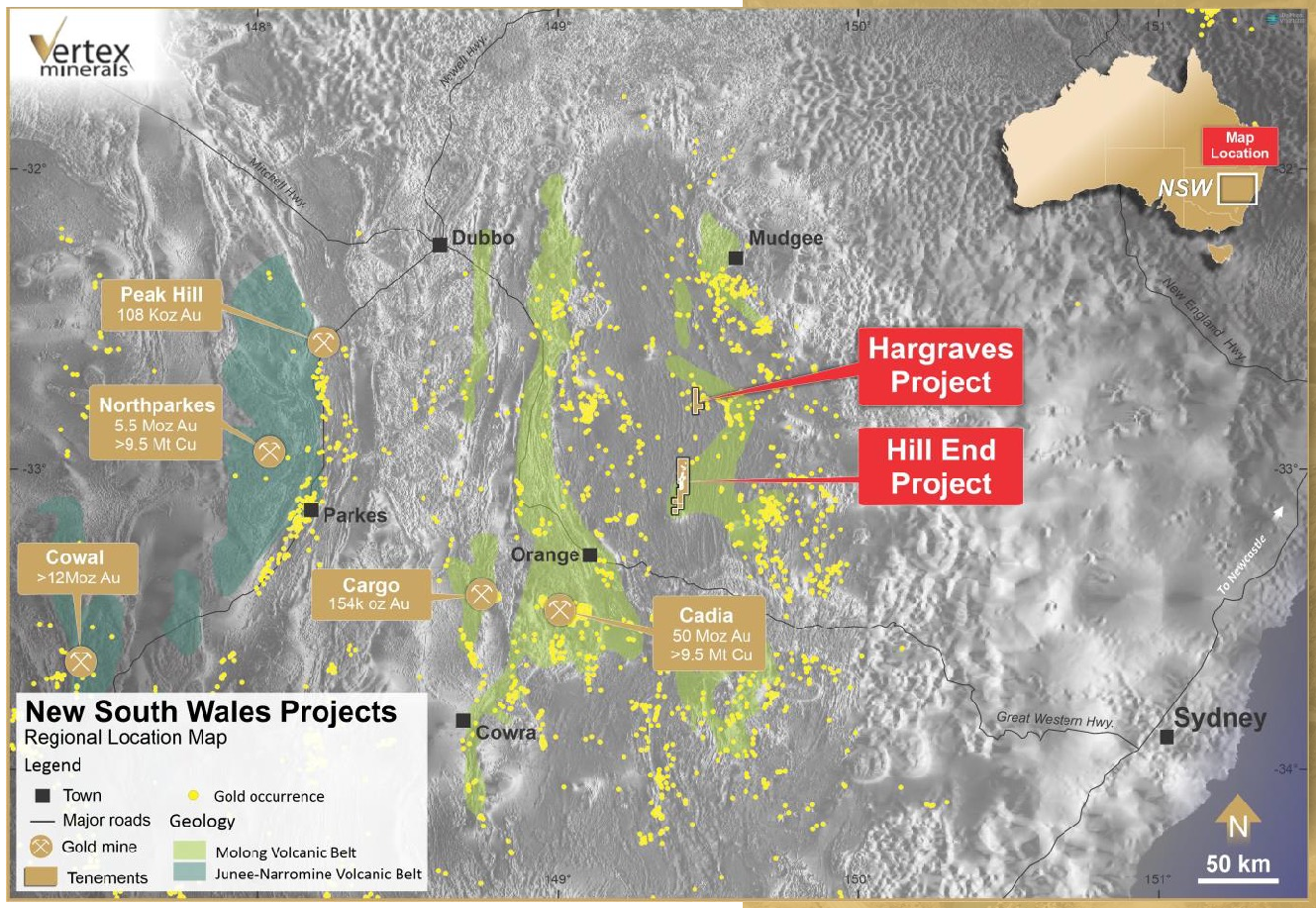
- High grade gold under ML's and EL's
- Historic resources prove exploration upside.
- Gold Strikes >14kms + 20km of ELAs
- Red Hill resource of **80,000 oz Au @ 1.7 g/t*** (currently to 150m depth)
- Red Hill drilling commences later this month
- Reward (Underground) being resourced now

Hargraves

A Total of **2.3Mt @ 2.38g/t Au** for **177koz Au*** in accordance with JORC 2012 Code.

* Refer to Resource Table in Appendix

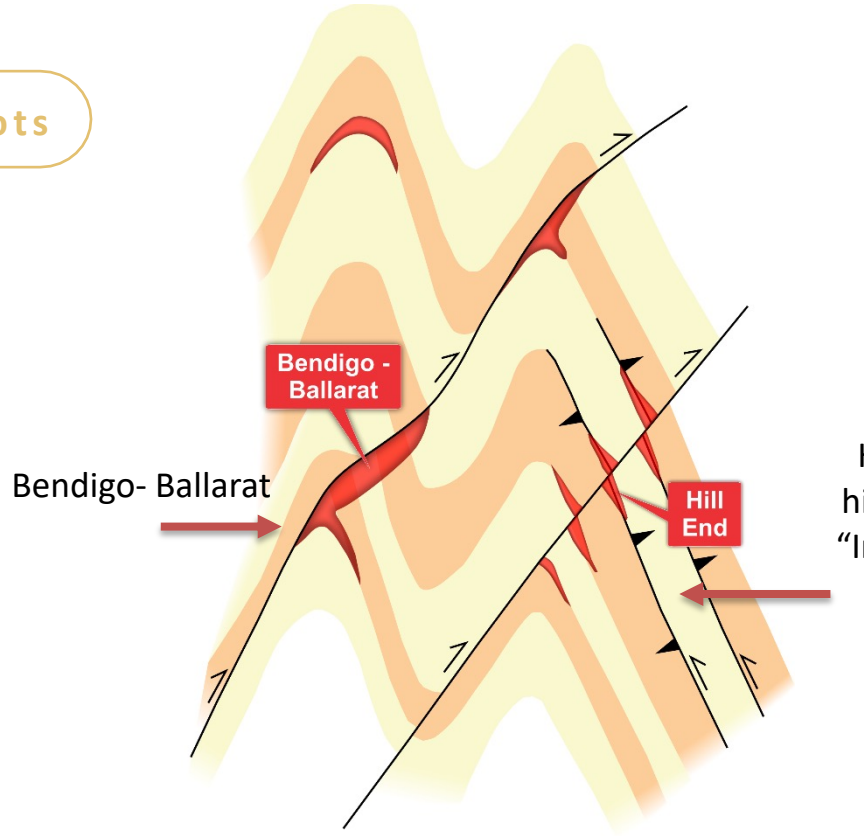
Significant exploration potential exists at both projects.



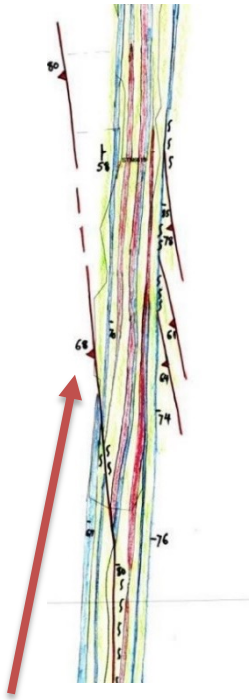
Targeting high grade extensions

A Model for formation of high-grade gold shoots

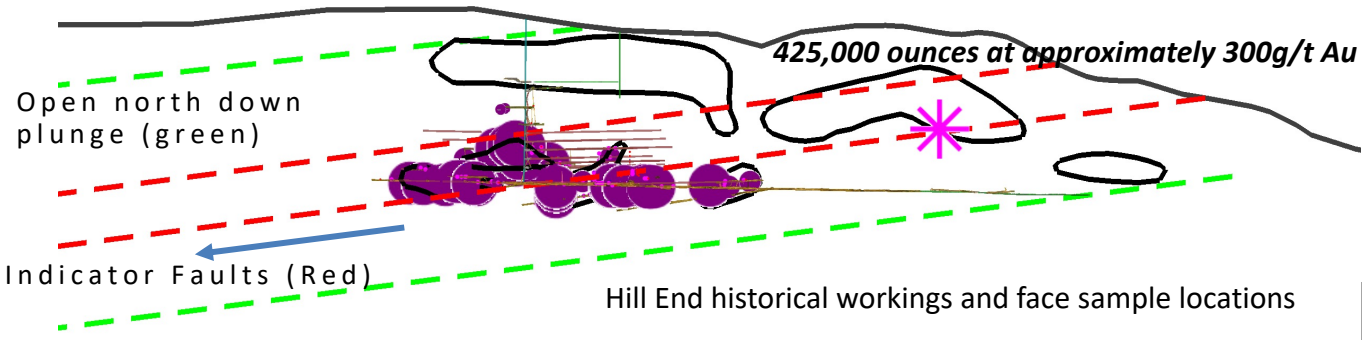
- High-grade mineralisation controlled by late stage, high-angle reverse faults. Similar to model to Bendigo-Ballarat/Fosterville.
- 5 unique mineralisation events identified.
- High-grade repetitions are likely to occur where the high-angle reverse faults controlling mineralisation intersect additional bedding parallel lodes on stratigraphic positions above and below the defined mineralisation.
- Multiple positions already defined consistent with this model, forming a northerly plunge to the mineralisation.
- Stacked, bedding parallel, reverse fault controlled mineralisation confirmed in backs mapping and extensive face sampling program completed during 2008 trial mining and underground mapping and sampling program.



Hill End, high angle "Indicator" reverse faults



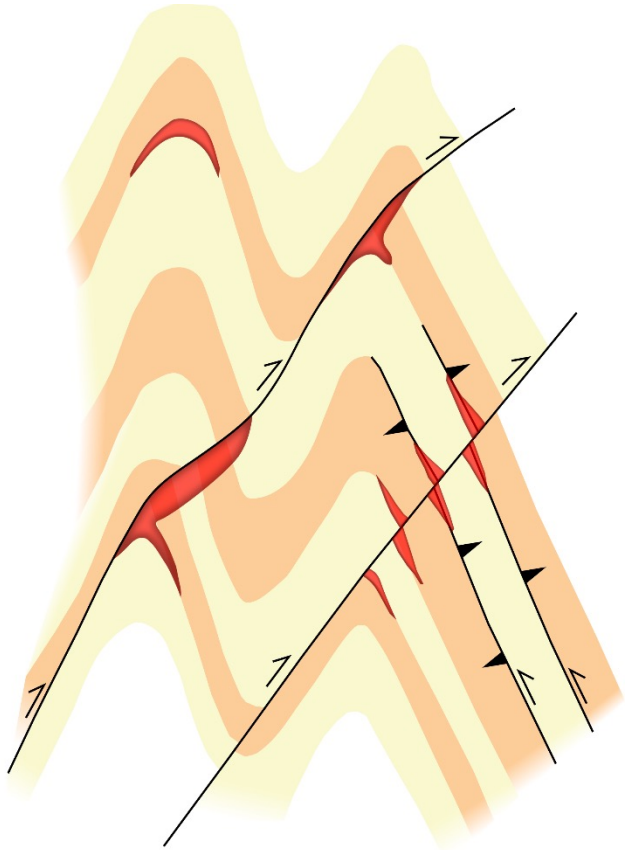
High angle reverse faults in 683 level mapping



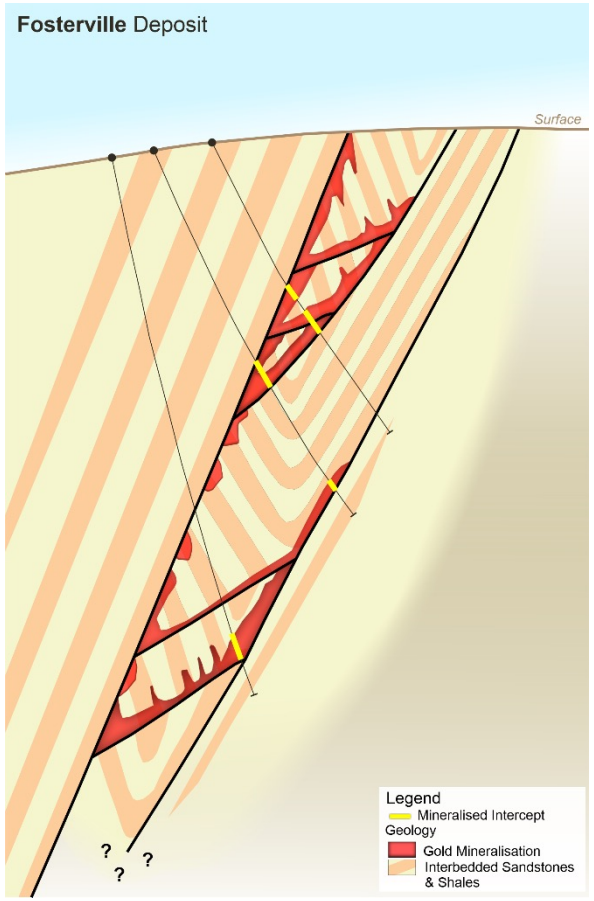
Hill End historical workings and face sample locations

Hill End geology

Hill End similarities to Fosterville



- Host turbidite sequence of sandstones, siltstone and shales/ black shales
- E-W compression faults produced early upright fold sets and late brittle faults
- Laminated quartz veins preferentially developed in shales. Usually bedding parallel and close, or on, sandstone contact
- Generally steeply west dipping reverse faults with a series of west dipping splay faults

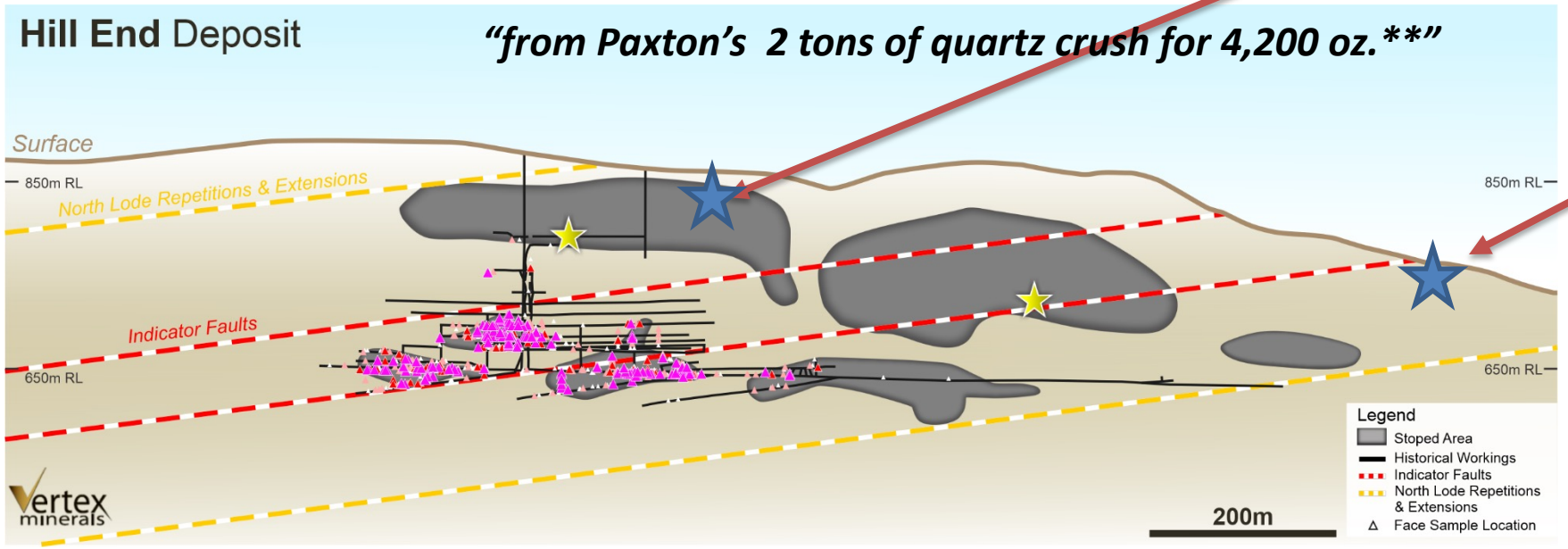


High grade mineralisation at Hill End Mine

Historic Hill End Underground Workings

"a ton of gold from crushing (Krohmann's 1872, 436 tons for 24,479 ozs*)"

"from Paxton's 2 tons of quartz crush for 4,200 oz.**"



Hill End historical workings, outline of stopped areas (black) and face sample locations (purple)

* ** Historic production HILL END GOLD Malcolm Drinkwater

Unlocking the potential

Multiple Targets

- Multiple targets near existing development including:
  - Bonanza grades beneath the Amalgamated Adit:
    - **0.24m @ 489 g/t Au** from 43.91m (CZUG34)
    - **0.88m @ 208 g/t Au***
    - **1.44m @ 106 g/t Au**** (HHD030)

The Amalgamated drive is located about 100 metres below the historical Hawkins Hill workings, which produced a reported 425,000 ounces at approximately 300g/t Au during the nineteenth century.

  - Northern extensions to the plunging high grade zone
  - Intersections of Indicator faults with stacked lodes including high-grade results up-dip of the projected intersection of indicator faults and stacked bedding parallel lodes.

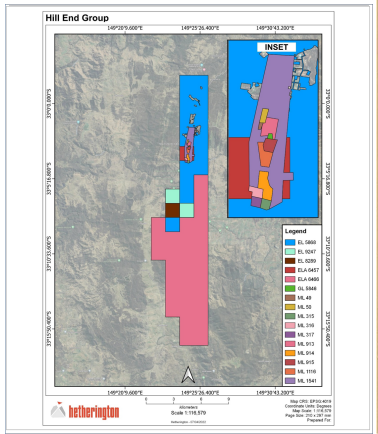
Reference: JORC Table 1 in ASX Announcement ASX:VTX 12/01/2022, Prospectus

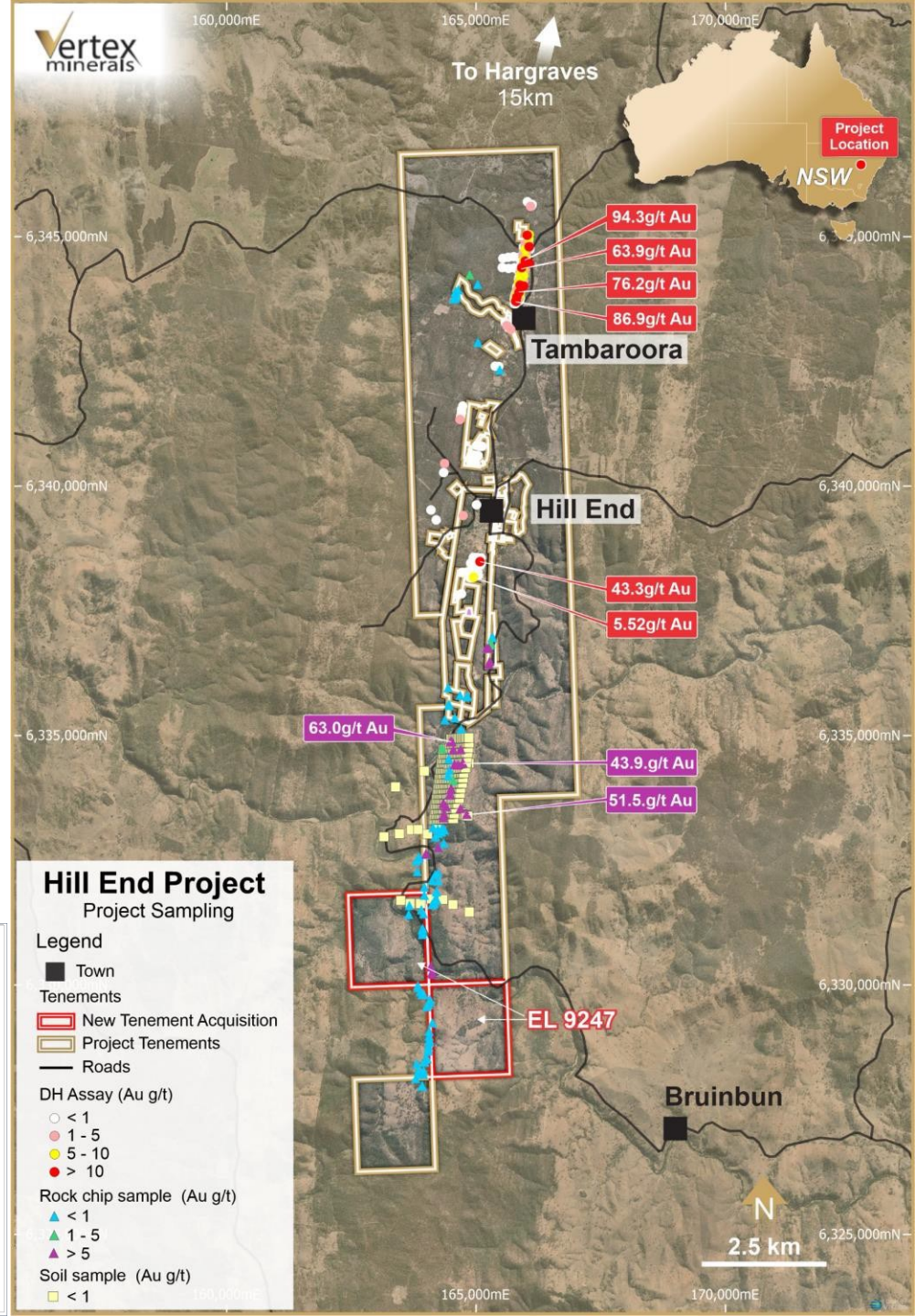
***HEG Announcement 11 December 2006**
****HEG Announcement 7 January 2007**
*****HEG Refer to Appendices**

Scratching the surface

Large Tenement Holding and Multiple Targets

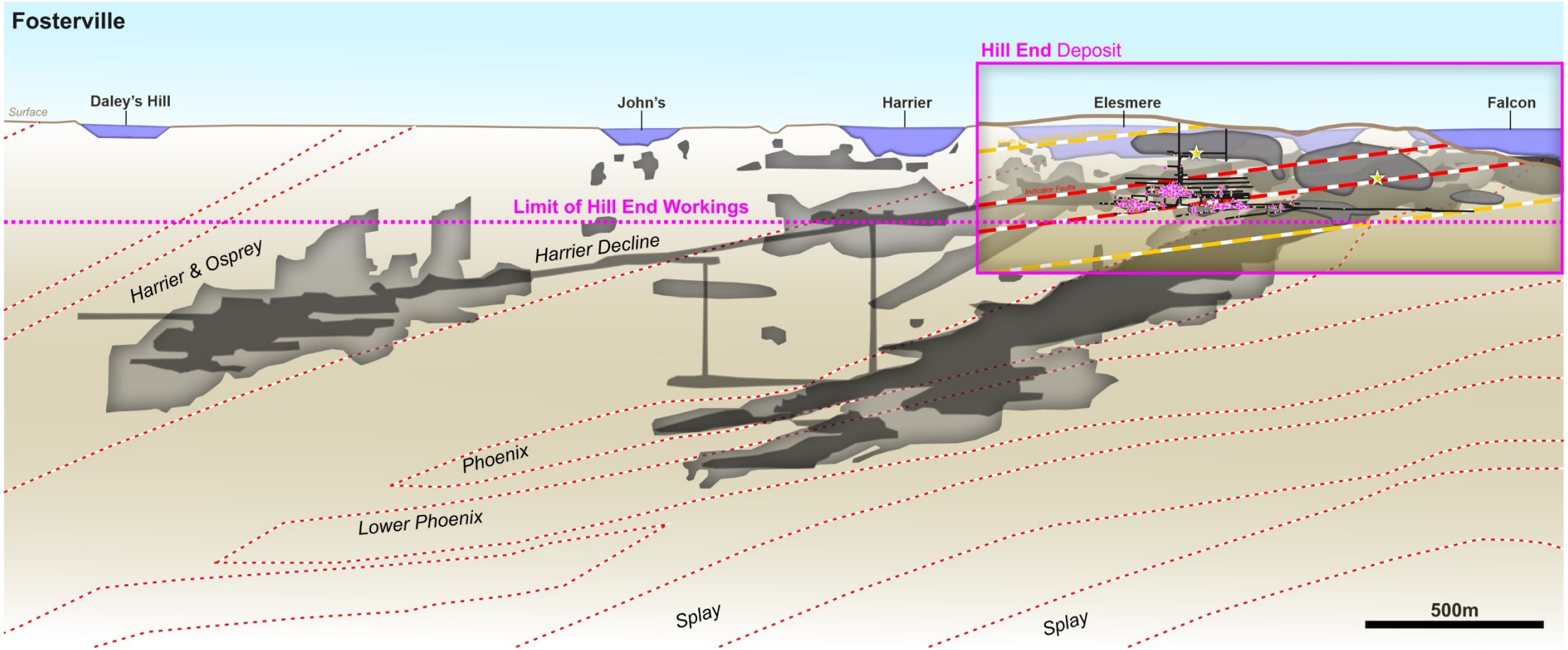
- 14km of prospective strike that was the source of the largest Gold specimen ever to be found globally discovered at Hill End
- Most lodes only mined to the water table
- Numerous high-grade surface samples (see right)
- Modern exploration has not been completed and a program of multi-element and alteration mapping is planned to better map out the zones of high-grade mineralisation
- Recent completion of a full geological review of the Hill End Gold Project and an updated geological and structural model to underpin a new exploration campaign
- Lidar review and program design underway
- A further 20km of Hill End Anticline under application





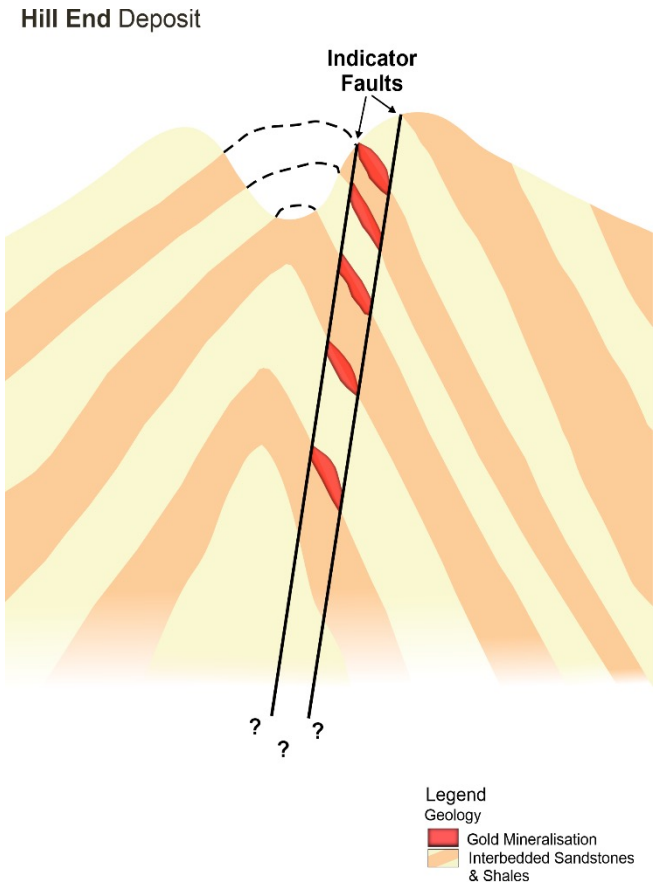
A long way to go…

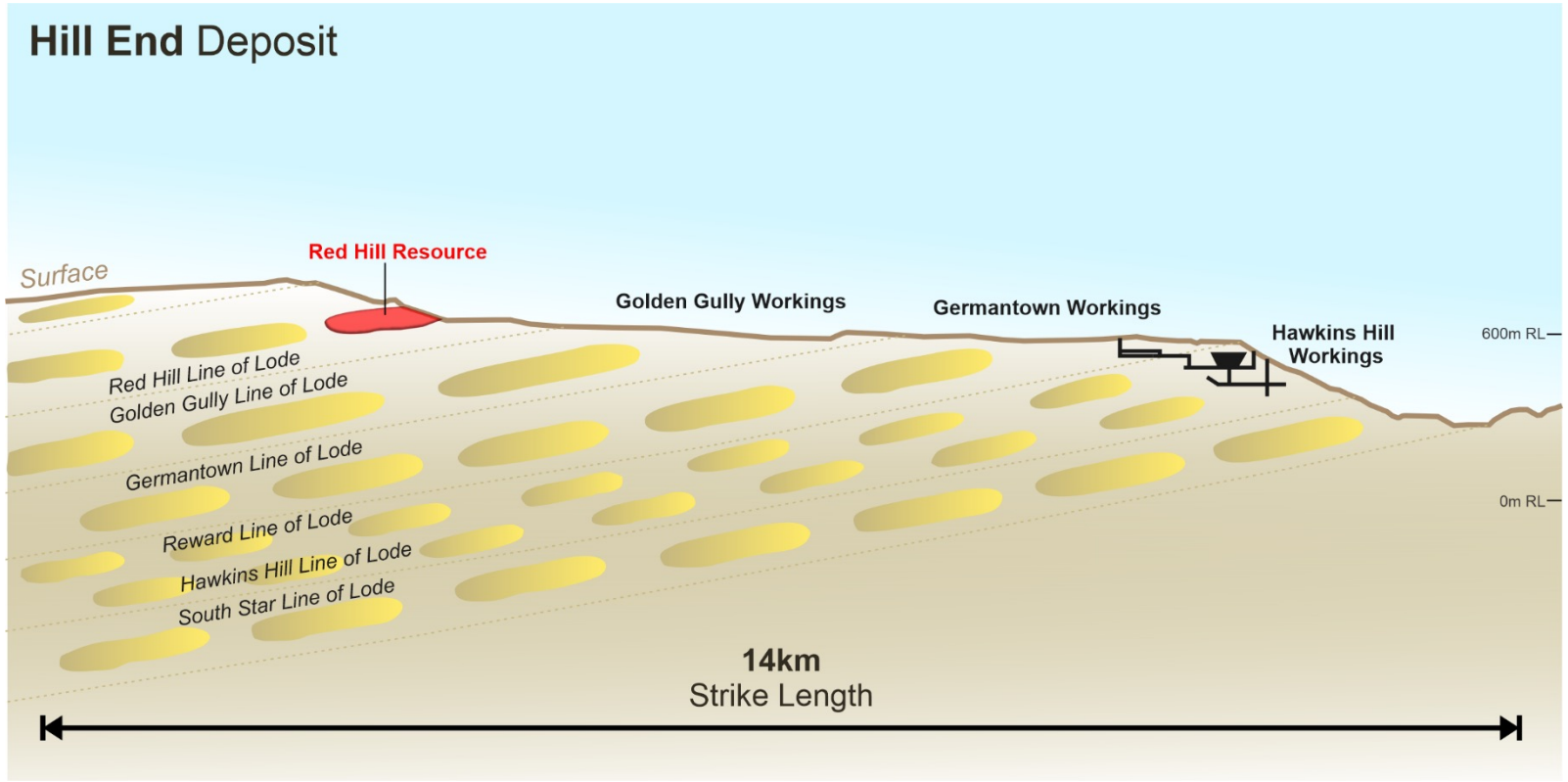
Hill End and Fosterville Depth of Workings



Hill End – potential repetitions at depth

Conceptual Long Section of Repetitions





Hill End – low cost gravity plant

Ownership

100% owned by Vertex Minerals Limited.

Location

Located western side of Hawkins Hill, just south of the town of Hill End.

History

The Amalgamated processing plant was originally designed and constructed in 2008 as a batch processing gravity concentrator.

Going Forward

Historical work done shows a **high gravity recovery (90+%)** and new board will explore the potential to expand capacity as the Hill End and Hargrave deposits.

Hill End Strategy- Move to production and build high grade ozs

Environmentally Responsible and Sustainable Miner

Move to production – Near term surface deposits

Red Hill, Mares Nest, Hargraves

Develop and Explore the High grade plunges

- Hawkins Hill
- And the rest of the gold corridor

Environmental and Sustainable Mining

- Gravity Recoverable Gold
- Low Capex and Low Operating cost
- Minimal grind 200 to 500 micron
- Potential renewable energy – Wind – pump storage
- Benign tails – potential commercial sand
- Low water usage
- No chemicals – no cyanide

CONTACT US

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RESOURCE TABLE

2012 JORC-compliant Mineral Resources

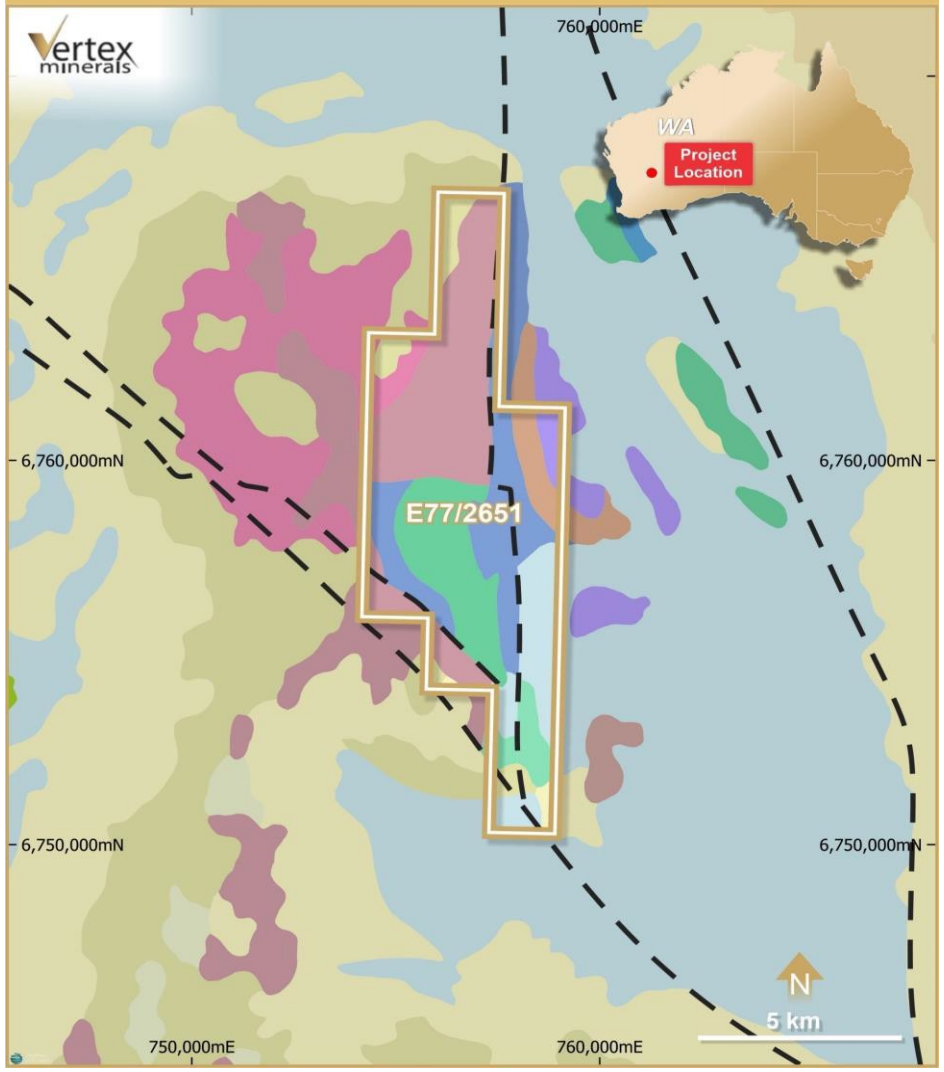
	Classification	Tonnes (t)	Grade (Au g/t)	Contained oz
Hargraves	Indicated	1,108,651	2.7	97,233
	Inferred	1,210,335	2.1	80,419
Sub-Total		2,318,986	2.4	177,652
Red Hill	Indicated	413,000	1.4	18,600
	Inferred	1,063,000	1.8	61,400
Sub-Total		1,475,000	1.7	80,000
Combined Total	Indicated	1,521,651	2.35	115,833
	Inferred	2,273,335	1.96	141,819
		3,791,986	2.11	257,653

Hargraves: 0.8 g/t reporting cut-off ASX Announcement 29 May '20

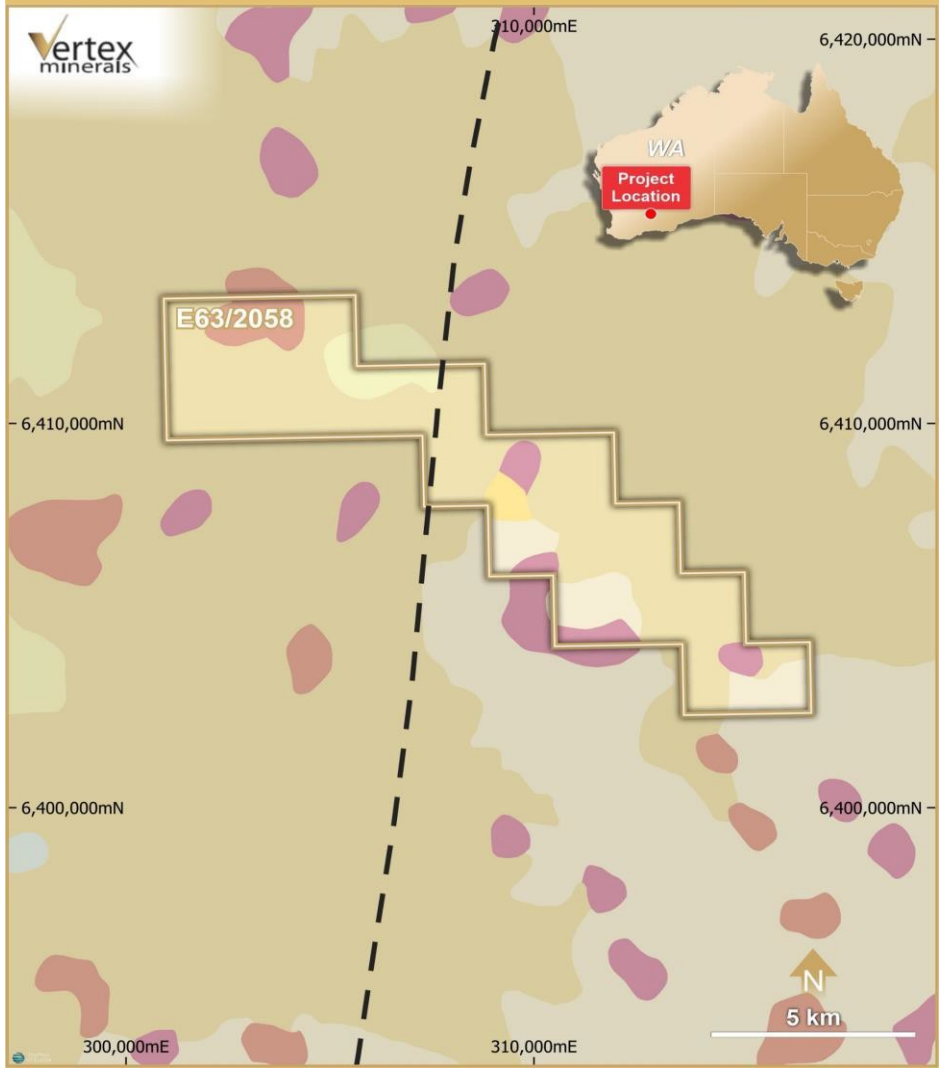
Red Hill: 0.5 g/t per block, ordinary kriging grade interpolation, classified Mineral Resources limited to 160mRL below surface. ASX announcement 30 Nov 2015: ASX announcement Nov '15

Appendix I – WA Gold Projects

Pride of Elvire Gold Project – E77/2651



Taylors Rock Project – E63/2058



Appendix II – Pride of Elvire WA Gold Project

The tenements surround the Mt. Elvire homestead approximately 210km north of Southern Cross in Western Australia.

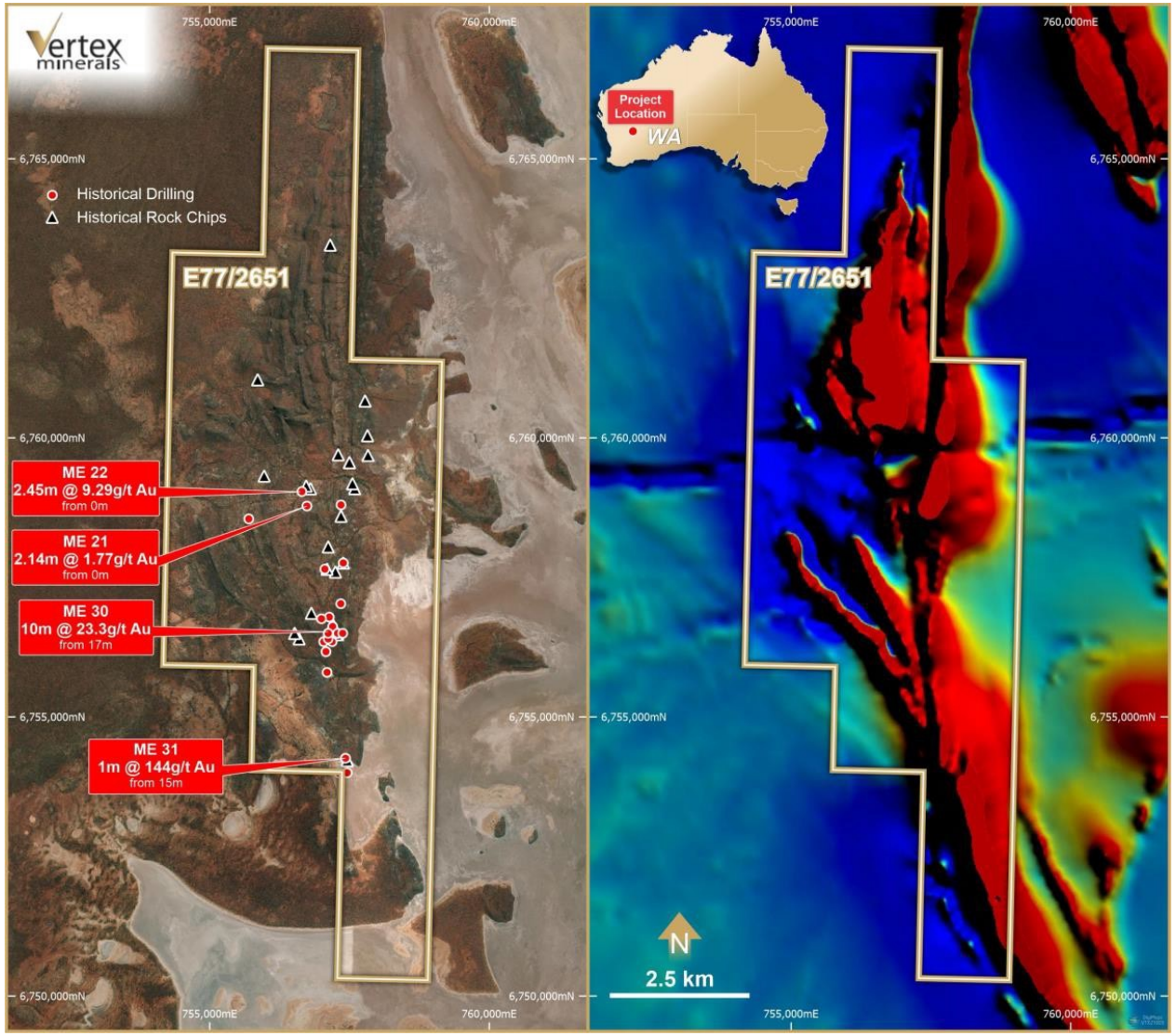
Encouraging historical gold results include;

Historical Drilling for Gold:

- ME 30: **10m @ 23.2g/t Au** from 17m
- ME 22: **2.45m @ 9.29g/t Au** from 0m
- ME 31: **1m @ 144g/t Au** from 15m
- ME 21: **2.14m @ 1.77g/t Au** from 0m

Historical Samples for Gold:

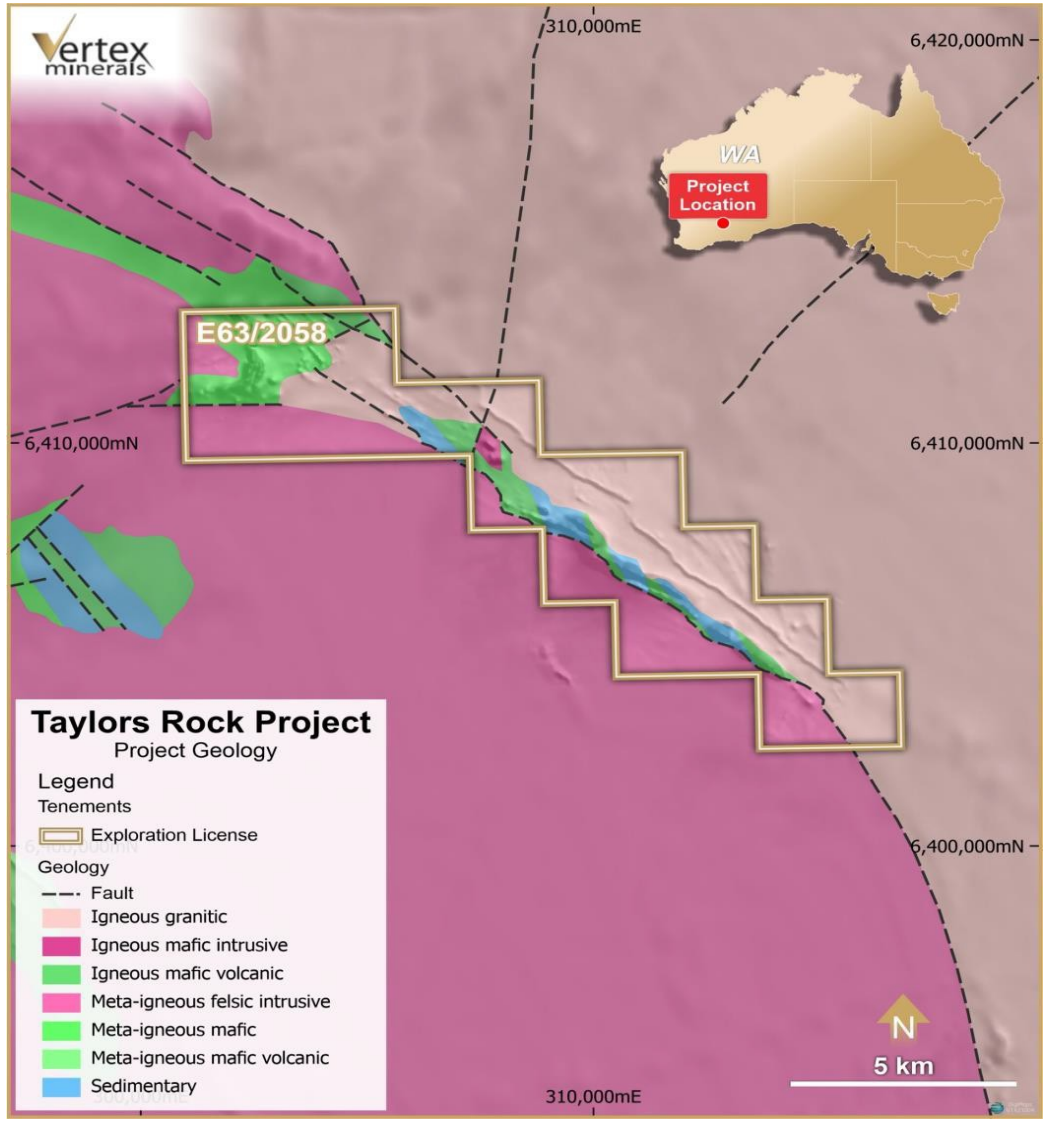
- 6754220mN, 757460mE: **215.3g/t Au**
- 6754220mN, 757460mE: **179.7g/t Au**
- 6759560mN, 757500mE: **43g/t Au**
- 6759700mN, 757300mE: **30g/t Au**
- 6756500mN, 757120mE: **24.4g/t Au**
- 6759560mN, 757500mE: **14.5g/t Au**
- 6756500mN, 757120mE: **5.42g/t Au**
- 6756500mN, 757120mE: **3.33g/t Au**



Significant Drill Locations (purple circles) and Rock Chips (green triangles) with the Tenure

TMI Magnetics

Appendix III – Taylors Rock Project WA



The Taylor Rock Project is located 80km WSW of Norseman in the Southern Goldfields region of Western Australia

The project has both Gold and Nickel potential, interesting historical intercepts include:

Nickel intersects:

- 12NLJC0005: 2m @ 0.795% Ni from 202m
- 12NLJC004: 2m @ 0.636% Ni from 250m
- 10NLJC0132: 37m @ 0.477% Ni from 205m
  - Including 1m @ 1.02% Ni from 212m
    - 1m @ 0.835%Ni from 206m
    - 1m @ 0.822% Ni from 209m
    - 1m @ 0.766% Ni from 205m
- LJPR0084: 3m @ 0.649%Ni from 15m

Gold intersects:

- LJPA0145:
  - **1m @45.4g/t Au** from 44m
  - **3m @ 9.84g/t Au** from 42m