

ASX ANNOUNCEMENT

29 July 2022

QUARTERLY ACTIVITIES REPORT FOR THE PERIOD ENDED 30 JUNE 2022 **HIGHLIGHTS FOR QUARTER:**

- **Approval to Drill at Red Hill**
- **Commenced drilling at Red Hill**
- **Optimise an environmental and ethically sustainable mining strategy going forward at Hill End**
- **Commenced refurbishment of the Gravity Gold plant**
- **Began various tasks to expedite the permitting of Red Hill Mining Lease**
 - ✓ **Commenced baseline dust and air quality test work at Red Hill**
 - ✓ **Continued base line water monitoring at Red Hill**
- **Sampled tailings dams for gold re processing potential**
- **Engaged geonomics to look at the high grade potential at Hawkins Hill**
- **Engaged Kennex to tidy up the extensive drilling and exploration data base**
- **Applied for an Exploration Licence covering 30 units to the south of Hill End. Subsequently awarded.**

Vertex Minerals Ltd (“**Vertex**” or the “**Company**”) is pleased to provide the following report on its activities during the quarter ending 30 June 2022. The Company’s primary focus during the reporting period was to commence drilling at Red Hill and to commence the process of a Mining lease application. Vertex is planning to kick off its gold mining in earnest at Red Hill and refurbishment of the gravity gold processing plant began during the quarter.

Vertex Minerals’ Executive Chairman, Roger Jackson, commented:

“We are pleased with our progress this quarter as we have now started implementing our strategy of moving our surface resources to production. At Red Hill we are planning to fill some gaps in the mineral resource and add gold ounces by drilling up to 2000m. We will then re-run the resource numbers and then look at the reserve. Immediately following our mine planning and other associated studies we will peg the ML over Red Hill. The gravity plant should be ready for feed at this point”

“We now have more than 30km of gold targets in the Hill End gold corridor. Most of which historically has been only scratched on surface. Furthermore, the gold can be recovered by gravity methods, which is a great story environmentally.”

EXPLORATION STRATEGY DEVELOPMENTS

The Company's strategy aims to establish gold production from the Red Hill Project in order to fund near mine exploration activities.

The Company has moved decisively to extend the resource base at Red Hill with the aim of establishing a mining plan to support the application for the award of a Mining License and associated development consents. This includes:

- Extend Red Hill resource at depth and along strike
 - Explore known parallel systems and cross course structures
 - Collect geotechnical information for mine design
 - Undertake limited metallurgical testwork to confirm gravity response and quantify gold recovery
 - Engage with government representatives in preparation for the Mining Licence application at Red Hill
 - Refurbish the Gravity Gold plant
- Drill Mares Nest targeting additional open pittable resources
 - 1.2km long 150m wide
 - Complete a review of the extensive drilling database and associated QAQC information in preparation for future resource updates

REVIEW OF HAWKINS HILL HIGH GRADE GOLD POTENTIAL

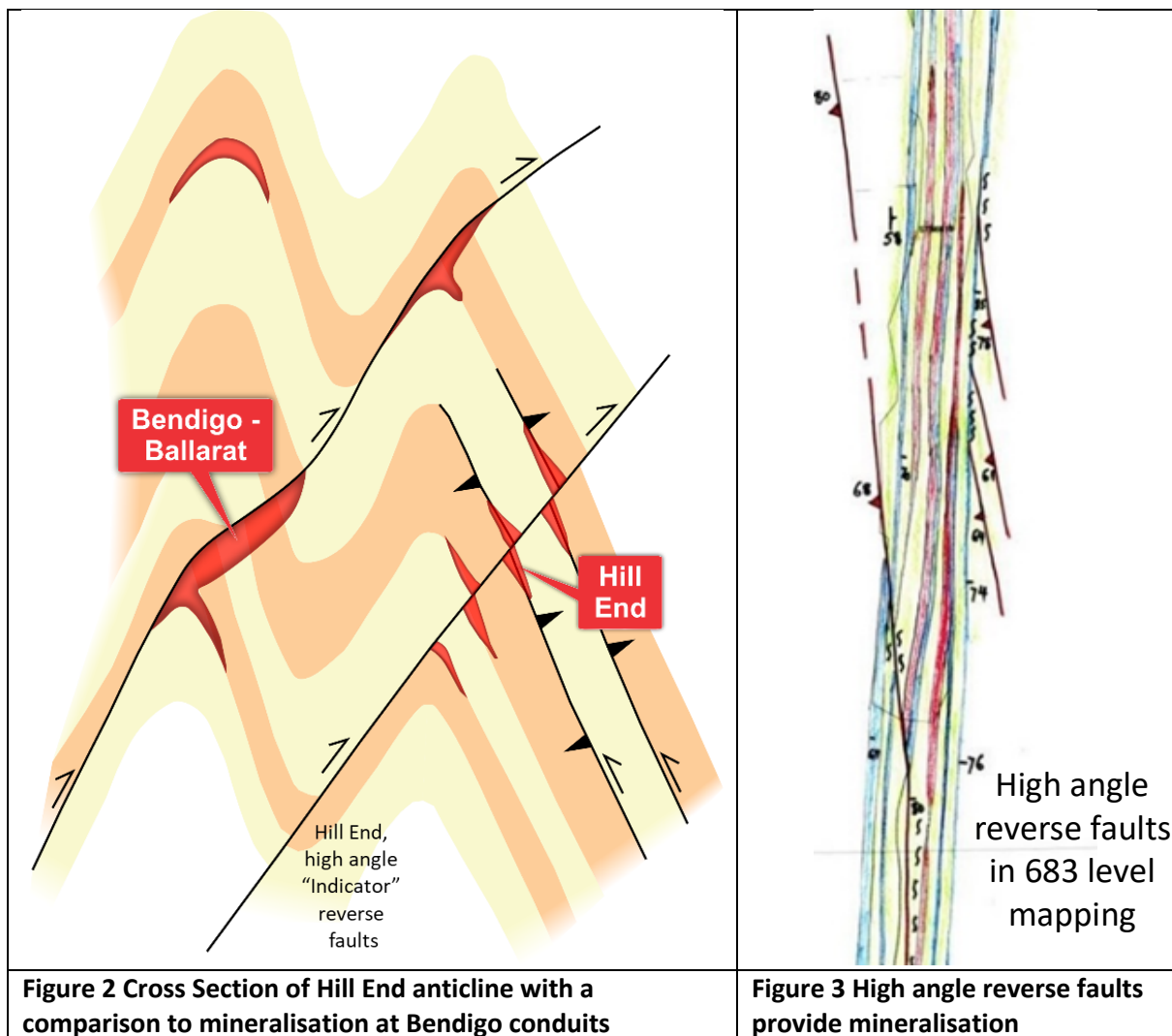
The Company has commissioned a consulting resource geologist to review the data for the Hawkins Hill area with the aim of establishing a resource in this area.

A Model for formation of high-grade gold shoots

- High-grade mineralisation controlled by late stage, high-angle reverse faults, like the mineralisation of Bendigo, Ballarat and 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.



Figure 1 Underground face at the Reward Mine



Multiple Targets

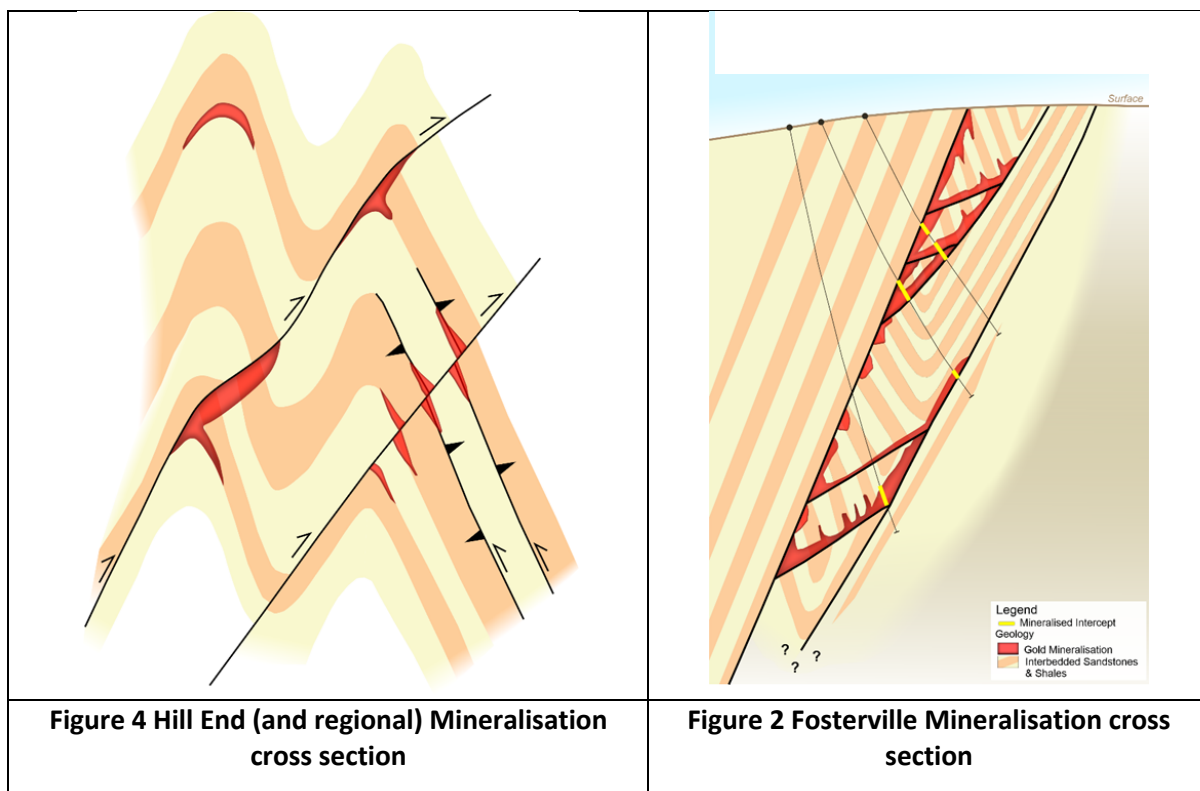
- Multiple targets near existing development including:
- Bonanza grades beneath the Amalgamated Adit:

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.

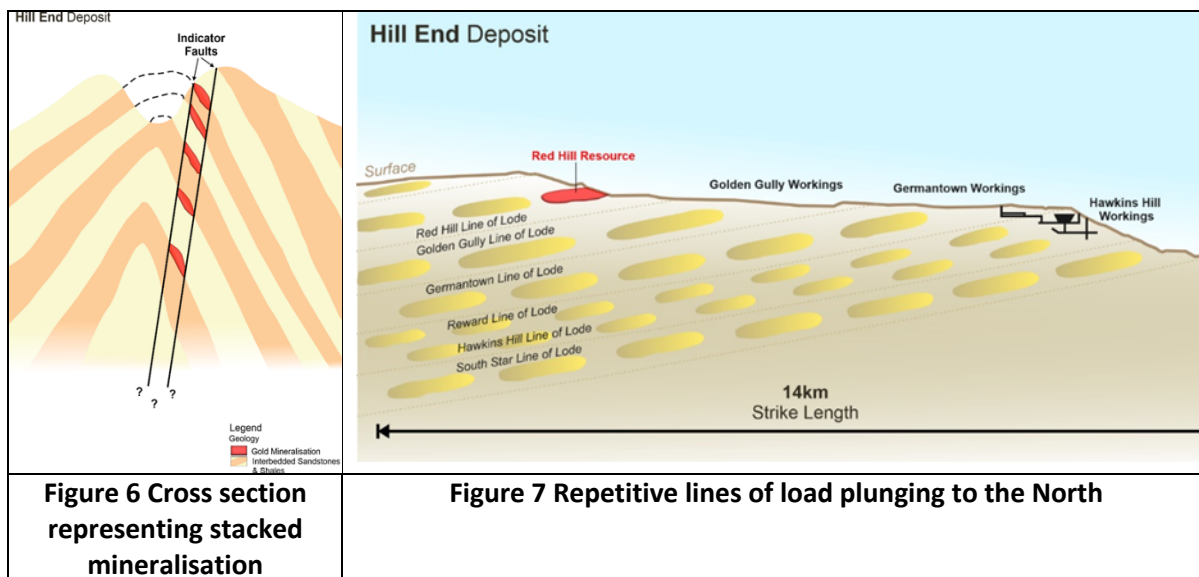
- Northern extensions to the plunging high grade zone
- Intersections of Indicator faults with stacked lodes including high-grade results up-dip of the projected intersection of indicator faults and stacked bedding parallel lodes.

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



CONCEPTUAL LONG SECTION OF REPETITIONS



GOLD PLANT REFURBISHMENT

- The processing plant at Hill End is **100% owned by Vertex Minerals Limited.**
- Fully permitted
- Gravity plant with 100ktpa throughput and expandable.
- Located western side of Hawkins Hill, just south of the town of Hill End.
- Historically gold recoveries were as high as 90%
- This quarter the plant has been refurbished
 - ✓ Generators serviced and recommissioned
 - ✓ All electric motors tested – only two require replacement
 - ✓ Electrical circuitry tested and serviced
 - ✓ Some switching replaced
 - ✓ Some bearings on conveyors replaced
 - ✓ All components dry run and tested
 - ✓ Full refurbishment and recommissioning to continue.



Figure 8 Hill End Gravity gold Plant

DRILLING RED HILL

The drilling program commenced in late June but was suspended following prolonged rain. While 1,500m of RC drilling was proposed the company expects some of this will be replaced with diamond drilling, as there is a requirement for core to complete geotechnical work and waste characterization. The Company plans to develop the Red Hill Project and has commenced engagement with various departments within the NSW Government and Regional Councils for the required consents and Mining Licence application. The resource drilling will target the stockwork and halo zones that have the greatest potential to add significant tonnage to the resource whilst improving amenability to bulk mining methods (refer to *the plan below*). Deeper targets identified at the prospect which will be examined during the program include the Frasers zone.

The planned drilling will be the Company's maiden drill program undertaken at the Hill End Project. Red Hill presents significant potential for exploration and resource growth in a neglected mining district of significant size, gold grade and unique amenability to gravity processing techniques.

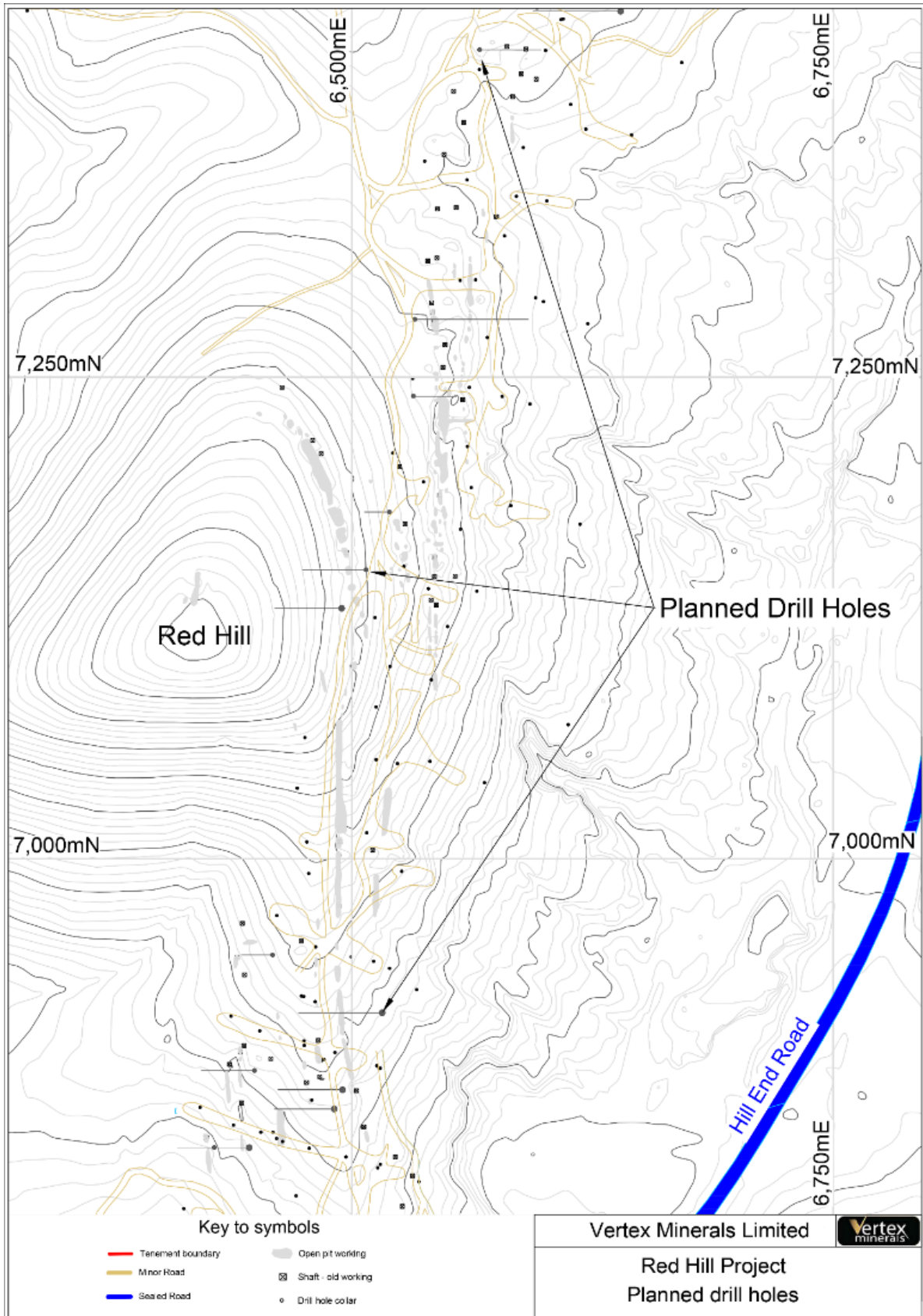


Figure 9 Drill collar locations and plan traces

HILL END SOUTH EXPLORATION LICENCE GRANTED

- 30 units south of Hill End (refer to green area in the plan below)
- Forms the southern extent of the Hill End Anticline
- Underexplored
- Potential feed for the Gravity plant
- Numerous shallow old time workings

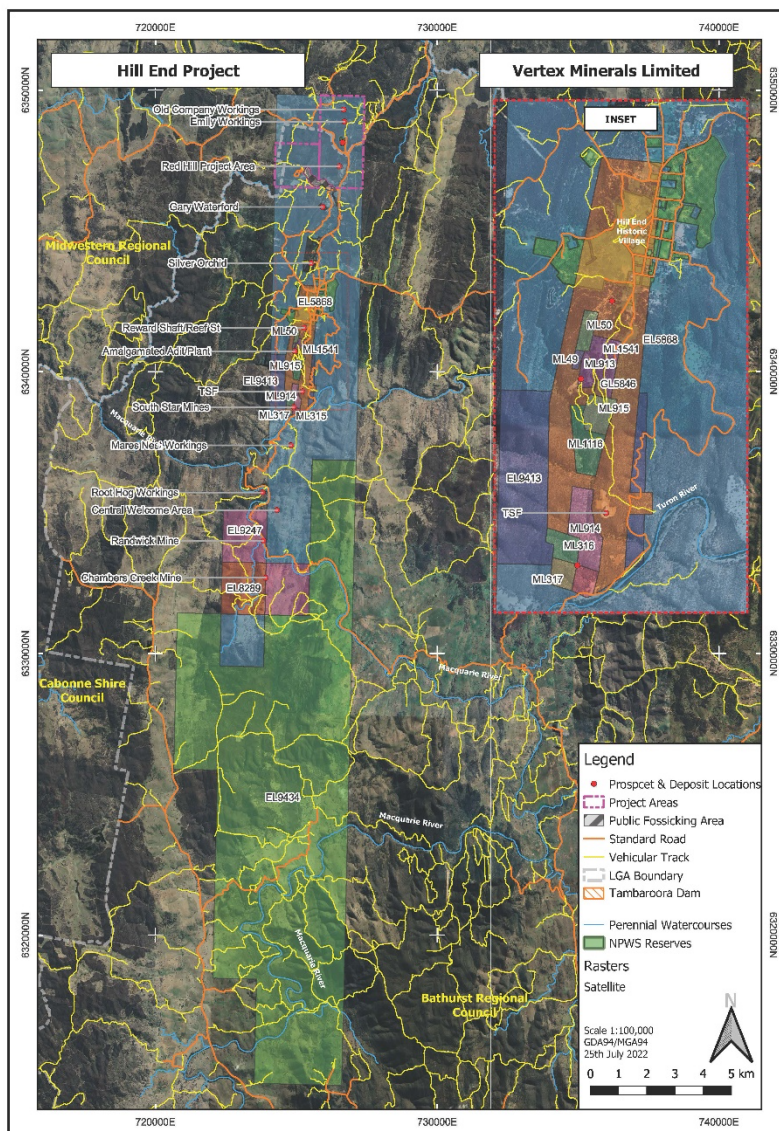


Figure 3 Vertex Hill End Tenements 34km of Hill End Anticline and Historical working under Exploration Licenses

CORPORATE

During the quarter:

There were no material corporate activities during the Quarter.

As at 30 June, 2022, the Company held A\$3.45m in cash.

Vertex's expenditure during the Quarter was as follows:

Item	A\$ ('000s)
Cash Balance at beginning of Quarter	4,019
Administration and Corporate Costs	(154)
Exploration and Evaluation	(410)
Cost of raising capital	(7)
Cash Balance at End of Quarter	3,448

During the quarter, the Company made payments of \$155,000 to related parties in relation to Directors' fees and consulting fees for both technical and management services.

APPROVAL AND FUTURE INFORMATION

This announcement has been approved by the Board of Vertex Minerals Limited.

Further information:

Roger Jackson
Executive Chairman

Tully Richards
Technical Director

Appendix 1 – Additional ASX Information

Listing Rule 5.3.4 Use of funds

VTX was admitted to trading on the ASX on 12 January 2022. The 30 June 2022 quarter is included in a period covered by a Use of Funds statement in a prospectus lodged with ASX under Listing Rule 1.a, condition 3. A comparison of the Company's expenditure against the estimated Use of Funds statement is set out below as required under Listing Rule 5.3.4.

Expenditure item	Note	Use of Funds (2 years) \$	Actual to 30 June 2022 (ex. GST) \$	Variance \$
Exploration at the projects	1	2,420,000	301,086	(2,118,914)
Cash reimbursement to project vendors		617,759	617,759	-
Expenses of the offer	2	650,000	795,065	145,065
Administration costs	1	1,060,000	441,010	618,990
Department of Regional NSW – bonds transfer		185,000	185,000	-
Working capital	3	887,241	32,730	(854,511)
		5,820,000	1,800,964	(3,834,036)

Note:

1. The Use of Funds statement covers a 2 year period whereas current actual expenditure covers the period since incorporation (12 months). Expenditure items are budgeted to be incurred over the full 2 year period with expenditure on exploration at the projects only occurring post listing.
2. Legal fees, shareholder engagement and administration fees were higher than anticipated in the offer.
3. VTX has concentrated explorations activities to date at the projects included in the prospectus

Tenement Information (Listing Rule 5.3.3)

Tenements Acquired or Disposed During the Quarter

During the quarter the Company and Peak Resources confirmed that EL 8289 had been transferred to the Company and that ELA 6457 had been granted as EL 9413. Subsequent to the end of the quarter, ELA 6466 was also granted as EL 9434.

Mining Tenements Held at the end of the Quarter

Tenement	Project	Status	Area	LOCATION
EL 5868	Hill End	Renewal Pending	16 Units	NSW
EL 6996	Hargraves	Renewal Pending	6 Units	NSW
EL 9247	Hill End	Current	2 Units	NSW
EL 9413	Hill End	Current	1 Unit	NSW
EL 8289	Hill End	Current	1 Unit	NSW
GL 5846	Hill End	Current	2.044 ha	NSW
ML 49	Hill End	Current	1.618 ha	NSW
ML 50	Hill End	Current	3.02 ha	NSW
ML 315	Hill End	Current	6.671 ha	NSW
ML 316	Hill End	Current	8.846 ha	NSW
ML 317	Hill End	Current	7 ha	NSW
ML 913	Hill End	Renewal Pending	22 ha	NSW
ML 914	Hill End	Renewal Pending	21.69 ha	NSW
ML 915	Hill End	Renewal Pending	13.27 ha	NSW
ML 1116	Hill End	Current	15.71 ha	NSW
ML 1541	Hill End	Current	279.2 ha	NSW
ELA 6457	Hill End	Application Pending	1 Unit	NSW
ELA 6466	Hill End South	Application Pending	30 Units	NSW
E63/2058	Taylors Rock	Live	19 Blocks	WA
E77/2651	Pride of Elvire	Live	17 Blocks	WA

Interests may be held directly by the Company, a subsidiary, or contractually.

Farm-in or Farm-out Agreements Entered into During the Quarter

N/A

Beneficial Percentage Interests Held in Farm-in or Farm-out Agreements at the end of the Quarter

N/A

ABOUT VERTEX

Hill End NSW:

- 14km of Continuous gold lode
- Gold recovers to gravity at +90% - GREEN GOLD
- Most of the line of lode only mined to the water table
- The Hill End Gold project consists of 10 mining leases & 4 Exploration licenses located in the core of the Hill End Trough on the eastern Lachlan Fold Belt.
- The area was first recognised as a gold centre in 1851 with a number of mining operations established over the following 50 years
- Modern exploration has not been completed and a program of multi-element and alteration mapping has been 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 model - expected to underpin a new exploration campaign
- Largest Gold Nugget ever to be found globally found at Hill End
- Gravity Plant on site
- Fully permitted Gravity processing licence

Hargraves NSW:

- Hargraves Gold project is located approximately 25km south of the town of Mudgee.
- The goldfield is 4 x 10 km with numerous mineralised structures with little modern exploration.
- An updated mineral resource in accordance with JORC 2012 Code was completed by SRK Consulting (Australasia) Pty Ltd (SRK).
- The Board will prioritise the development of this project by updating PFS, permitting and further drilling to increase resources.

Taylor's Rock 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:
 - 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**
 - LJPA0145:
 - 1m @ **45.4g/t Au from 44m**
 - 3m @ **9.84g/t Au from 42m**

Pride of Elvire WA:

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

- Encouraging historical gold results include:
Significant Historical Intercepts from 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**

Significant Historical Rock chip results:

- 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**

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](#)

To learn more, please visit: www.vertexminerals.com

Stay up to date with the latest news by connecting with VTX on LinkedIn and [Twitter](#).

Competent Persons Statement

The information in this report that relates to Exploration Results and Exploration Targets 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.

Forward Looking Statements and Important Notice

This report contains forecasts, projections and forward-looking information. Although the Company believes that its expectations, estimates and forecast outcomes are based on reasonable assumptions it can give no assurance that these will be achieved. Expectations and estimates and projections and information provided by the Company are not a guarantee of future performance and involve unknown risks and uncertainties, many of which are out of Vertex Minerals' control.

Actual results and developments will almost certainly differ materially from those expressed or implied. Vertex Minerals has not audited or investigated the accuracy or completeness of the information, statements and opinions contained in this announcement. To the maximum extent permitted by applicable laws, Vertex Minerals makes no representation and can give no assurance, guarantee or warranty, express or implied, as to, and takes no responsibility and assumes no liability for the authenticity, validity, accuracy, suitability or completeness of, or any errors in or omission from, any information, statement or opinion contained in this report and without prejudice, to the generality of the foregoing, the achievement or accuracy of any forecasts, projections or other forward looking information contained or referred to in this report.

Investors should make and rely upon their own enquiries before deciding to acquire or deal in the Company's securities.

Appendix 5B

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Name of entity

Vertex Minerals Ltd

ABN

68 650 116 153

Quarter ended ("current quarter")

30 June 2022

Consolidated statement of cash flows	Current quarter \$A'000	Year to date (12 months) \$A'000
1. Cash flows from operating activities		
1.1 Receipts from customers	-	-
1.2 Payments for		
(a) exploration & evaluation	(43)	(43)
(b) development	-	-
(c) production	-	-
(d) staff costs	-	-
(e) administration and corporate costs	(156)	(435)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	-	-
1.5 Interest and other costs of finance paid	-	-
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	-	-
1.8 Other (provide details if material)	-	-
1.9 Net cash from / (used in) operating activities	(199)	(478)

2. Cash flows from investing activities		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) tenements	-	(607)
(c) property, plant and equipment	-	(6)
(d) exploration & evaluation	(367)	(481)
(e) investments	-	-
(f) other non-current assets	-	-

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (12 months) \$A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	-	-
	(e) other non-current assets	-	-
2.3	Cash flows from loans to other entities	-	-
2.4	Dividends received (see note 3)	-	-
2.5	Other (provide details if material)	-	-
2.6	Net cash from / (used in) investing activities	(367)	(1,094)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	5,500
3.2	Proceeds from issue of convertible debt securities	-	320
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	(7)	(800)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	-	-
3.7	Transaction costs related to loans and borrowings	-	-
3.8	Dividends paid	-	-
3.9	Other (provide details if material)	-	-
3.10	Net cash from / (used in) financing activities	(7)	5,020

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	78	-
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(199)	(478)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(367)	(1,094)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	7	5,020

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

Consolidated statement of cash flows		Current quarter \$A'000	Year to date (12 months) \$A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	(495)	3,448

5.	Reconciliation of cash and cash equivalents at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	Current quarter \$A'000	Previous quarter \$A'000
5.1	Bank balances	3,448	4,019
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
5.5	Cash and cash equivalents at end of quarter (should equal item 4.6 above)	3,448	4,019

6.	Payments to related parties of the entity and their associates	Current quarter \$A'000
6.1	Aggregate amount of payments to related parties and their associates included in item 1	73
6.2	Aggregate amount of payments to related parties and their associates included in item 2	82

Note: if any amounts are shown in items 6.1 or 6.2, your quarterly activity report must include a description of, and an explanation for, such payments.

6.1 Payment of director fees in accordance with disclosed consulting agreements

6.2 Payment to directors of additional consulting fees associated with exploration and evaluation activities on terms consistent with the disclosed consulting agreements.

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

7. Financing facilities	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
<i>Note: the term "facility" includes all forms of financing arrangements available to the entity. Add notes as necessary for an understanding of the sources of finance available to the entity.</i>		
7.1 Loan facilities	-	-
7.2 Credit standby arrangements	-	-
7.3 Other (please specify)	-	-
7.4 Total financing facilities	-	-
7.5 Unused financing facilities available at quarter end		
7.6	Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.	

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (item 1.9)	(198)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(367)
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(565)
8.4 Cash and cash equivalents at quarter end (item 4.6)	3,448
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	3,448
8.7 Estimated quarters of funding available (item 8.6 divided by item 8.3)	6.10
<i>Note: if the entity has reported positive relevant outgoings (ie a net cash inflow) in item 8.3, answer item 8.7 as "N/A". Otherwise, a figure for the estimated quarters of funding available must be included in item 8.7.</i>	
8.8 If item 8.7 is less than 2 quarters, please provide answers to the following questions:	
8.8.1 Does the entity expect that it will continue to have the current level of net operating cash flows for the time being and, if not, why not?	
Answer:	
8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?	
Answer:	

Mining exploration entity or oil and gas exploration entity quarterly cash flow report

8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer:

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

Compliance statement

- 1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.
- 2 This statement gives a true and fair view of the matters disclosed.

Date: .29 July 2022.....

Authorised by: ...Alex Neuling.....
(Name of body or officer authorising release – see note 4)

Notes

1. This quarterly cash flow report and the accompanying activity report provide a basis for informing the market about the entity's activities for the past quarter, how they have been financed and the effect this has had on its cash position. An entity that wishes to disclose additional information over and above the minimum required under the Listing Rules is encouraged to do so.
2. If this quarterly cash flow report has been prepared in accordance with Australian Accounting Standards, the definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Statement of Cash Flows* apply to this report. If this quarterly cash flow report has been prepared in accordance with other accounting standards agreed by ASX pursuant to Listing Rule 19.11A, the corresponding equivalent standards apply to this report.
3. Dividends received may be classified either as cash flows from operating activities or cash flows from investing activities, depending on the accounting policy of the entity.
4. If this report has been authorised for release to the market by your board of directors, you can insert here: "By the board". If it has been authorised for release to the market by a committee of your board of directors, you can insert here: "By the [name of board committee – eg Audit and Risk Committee]". If it has been authorised for release to the market by a disclosure committee, you can insert here: "By the Disclosure Committee".
5. If this report has been authorised for release to the market by your board of directors and you wish to hold yourself out as complying with recommendation 4.2 of the ASX Corporate Governance Council's *Corporate Governance Principles and Recommendations*, the board should have received a declaration from its CEO and CFO that, in their opinion, the financial records of the entity have been properly maintained, that this report complies with the appropriate accounting standards and gives a true and fair view of the cash flows of the entity, and that their opinion has been formed on the basis of a sound system of risk management and internal control which is operating effectively.