

## June 2022 Quarterly Activities Report & Appendix 5B

### Highlights

- High tempo of activity across our exploration portfolio in the Gawler Craton.
- At Horse Well hole HWDD006 commenced, reaching a length of 1,044.3m by June 30, targeting a total length of 1,500m .
- Historic Horse Well drill holes were logged in detail.
- The “Bluebush Fault”, a major mineralised fault zone was identified and named at Horse Well, with hole HWDD07 planned, targeting this new fault zone.
- At Warriner Creek Project 3 holes, all targeting IOCG deposits, were completed including 1 at Warriner Creek East and 2 at Warriner Creek West with assays pending, including analysis of Rare Earth Element (REE) potential.
- Interim report for Pernatty C submitted to DEM SA as part of ADI Funding report (awaiting assay results).
- Strong cash balance of \$3.46 M at 30 June 2022.

Cohiba Minerals Limited (ASX: CHK, OTCQB: CHKMF, ‘Cohiba’ or ‘the Company’) is pleased to provide an update in relation to the exploration activities carried out during the June 2022 quarter.

### Olympic Domain Tenements

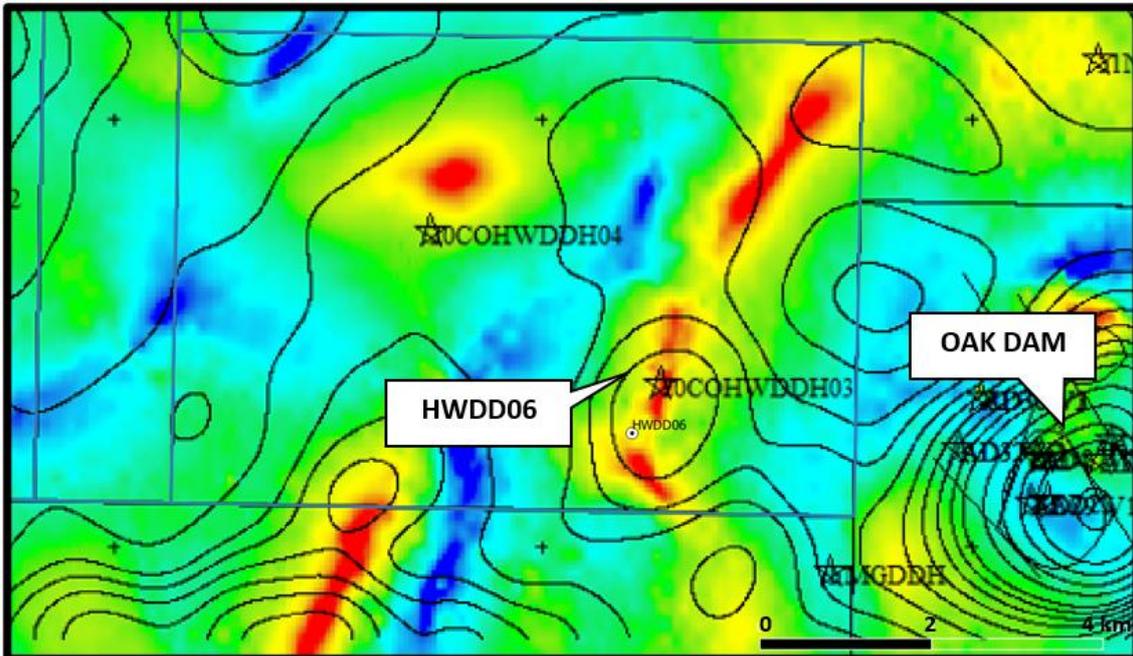
#### Horse Well

Drill hole HWDD06 (Figure 1), commenced on 20 May 2022. Cohiba has received regulatory and landholder approval for up to 12 drill holes at the Horse Well Prospect targeting coincident gravity and magnetic anomalies, but with a focus on some of the subtler gravity responses where technical reviews of previous drilling have suggested a possible masking of the target areas due to more complex geology than that seen at Oak Dam West. At Quarter end HWDD06 was at a total length of 1,044.3m against a planned length of approximately 1,500m. Drilling was slower than expected due poor ground conditions amongst other factors,

HWDD06 commenced at a dip of 70° and was progressively shallowed with the ultimate aim to obtain a final dip of 60° (Table 1) to gain a better cross-sectional result.

Hole_ID	Depth (m)	Dip	Azimuth_TN	Azimuth_Mag
HWDD06	0	-70	80	73
HWDD06	500	-70	80	73
HWDD06	1000	-65	85	78
HWDD06	1500	-60	90	83

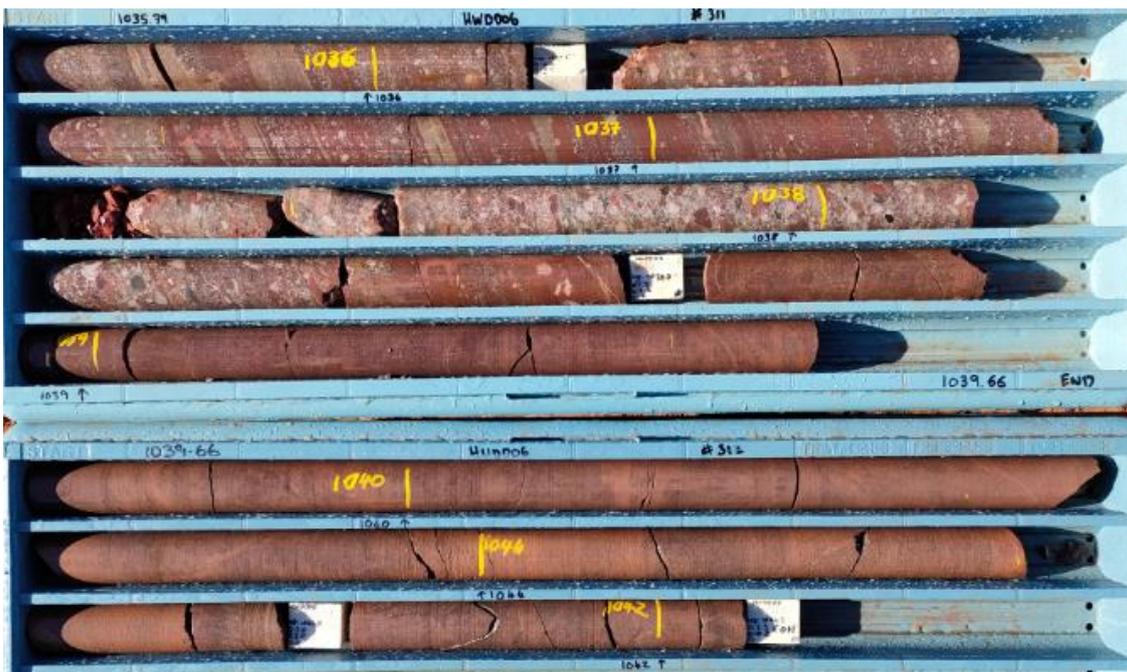
**Table 1:** Proposed drilling parameters for HWDD06.



**Figure 1:** Location of HWDD06 drill hole with residual gravity contours on enhanced Total Magnetic Intensity (TMI) colour map and proximity to Oak Dam West deposit.

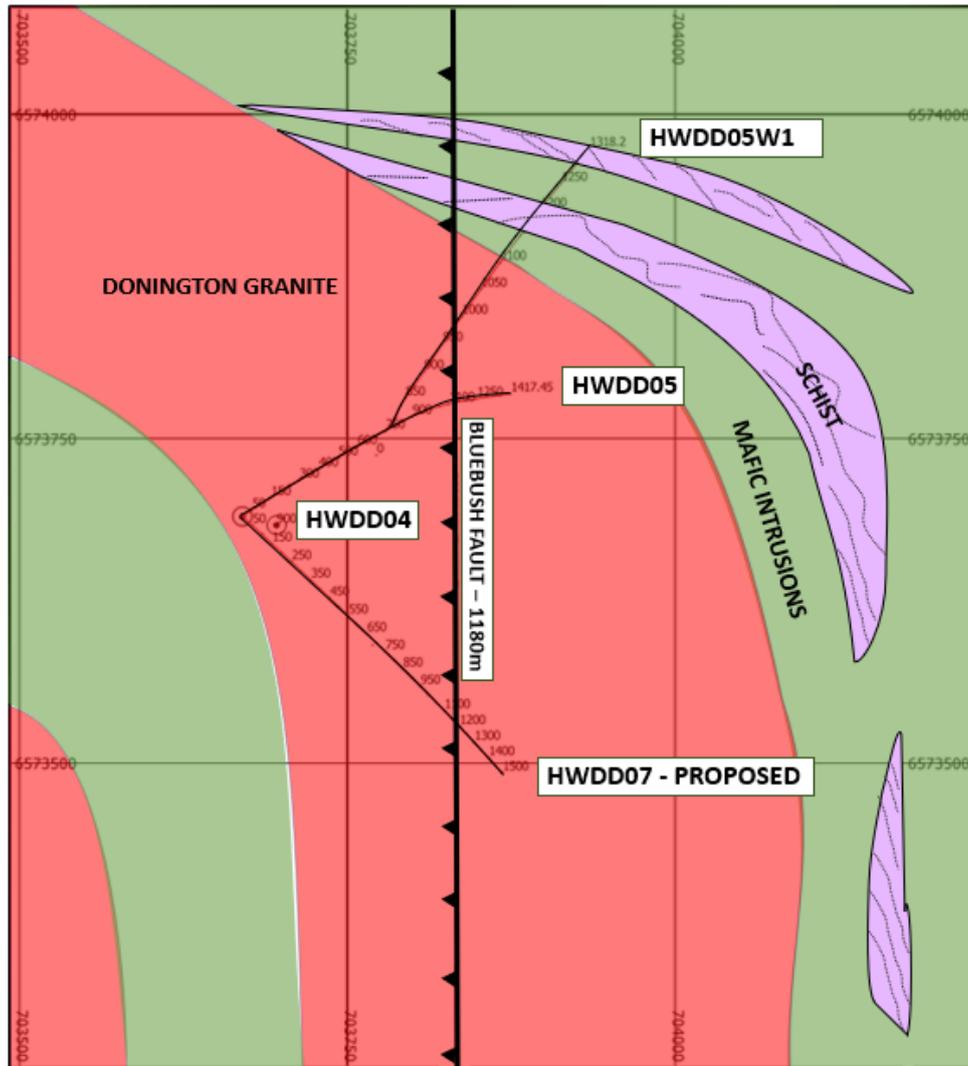
HWDD06 was designed to drill across a residual gravity feature, leveraging insights gained from nearby drill hole COHWDD03 that this area exhibits strong haematite and sericite alteration in the host granite (Donington Granite) which also hosts the Oak Dam and Carrapateena deposits.

At the end of the quarter HWDD06 had been drilled to a length of 1,044.3m and had exited the basal conglomerate of the Pandurra Formation and encountered a mafic intrusive (Figure 2).



**Figure 2:** Drill core from HWDD06 (1035.79 – 1042.10m) showing the transition from a basal conglomerate of the Pandurra formation (~1,038.4m) to a weathered mafic intrusive.

Significant analysis was undertaken to determine the site for HWDD07 at Horse Well following the identification of a major mineralised fault zone named the “Bluebush Fault” (Figure 3) which could be traced through drill holes HHWDD04, HWDD05 and HWDD05W1.



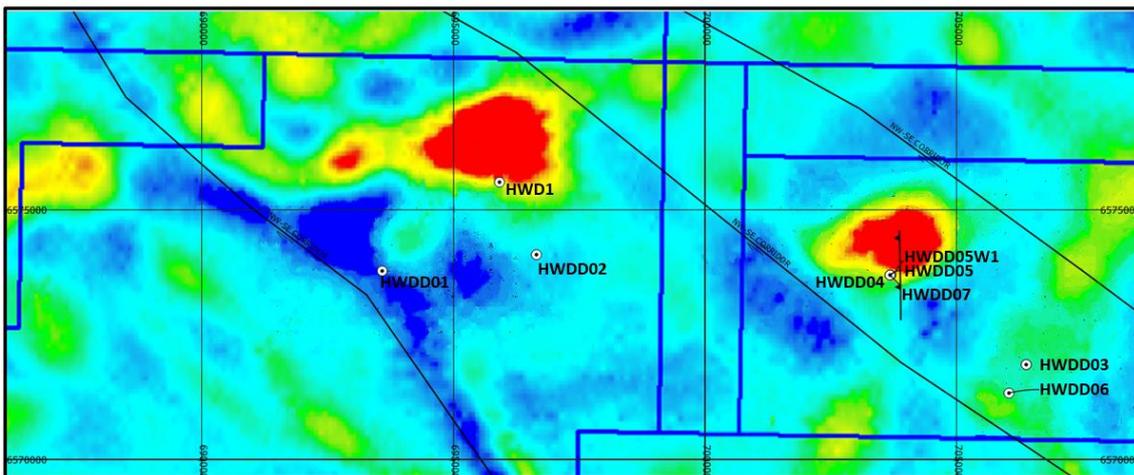
**Figure 3:** Proposed Location of HWDD07 relative to Interpreted path of Bluebush Fault at 1180m RL.

The identification of the Bluebush Fault as a high value exploration target is part of the Cohiba strategy in the continual enhancement of the prospectivity of the Horse Well Project area. An analysis of the previous drilling showed that a marked variability in copper and gold mineralisation, such as that found between adjacent holes HWDD04, HWDD05, and HWDD05W1 confirmed that persistence is warranted in the ongoing exploration at Horse Well; indeed parts of IOCG deposits are known to have a knife-edge boundary between barren and ore grade material. Ongoing review of previous and current drilling allowed the Company to further refine the scope of these targets to increase the probability of making a significant discovery.

A review of holes HWDD04, HWDD05, and HWDD05W1 was conducted which highlighted an exciting correlation of oxidised grey haematite-chalcopyrite as both clasts and matrix in lenses of breccia within the newly interpreted ‘Bluebush Fault’ in HWDD05. Grey haematite-chalcopyrite is rare as an alteration type,

normally being confined to close proximity to ore zones within known IOCG deposits, and the association with a distinct structure gives a further tangible target for drilling.

Cohiba believes that the Bluebush Fault contains the right mix of alteration, elevated copper mineralisation in the form of chalcopyrite veins associated with spotty gold, textural preparation by brecciation, and a likely dilational orientated structure. The only ingredient missing is ‘scale’, and with +2km of potential strike length (Figure 4) there is ample scope to satisfy this component.



**Figure 4:** Plan View of Horse Well Project tenements overlaying a Vertical Gradient Magnetics map. The Bluebush Fault is marked with a strike length of 2 kilometres. This figure shows potential bounding, north-westerly trending structures, consistent with the Bluebush Fault being a length-limited, offset-limited dilational crack.

### **Pernatty C**

The Company maintained regular meetings with DEM SA in relation to grant funding it received from the Accelerated Discovery Initiative’s (ADI) grants for strategic drilling at its Pernatty C Project. An interim report including all costs incurred as part of the Pernatty C project was submitted to the DEM SA with the outstanding assay results to be incorporated when they have been received from ALS.

### **Lake Torrens**

There was no activity on the Lake Torrens tenements during the quarter as access issues are currently being evaluated.

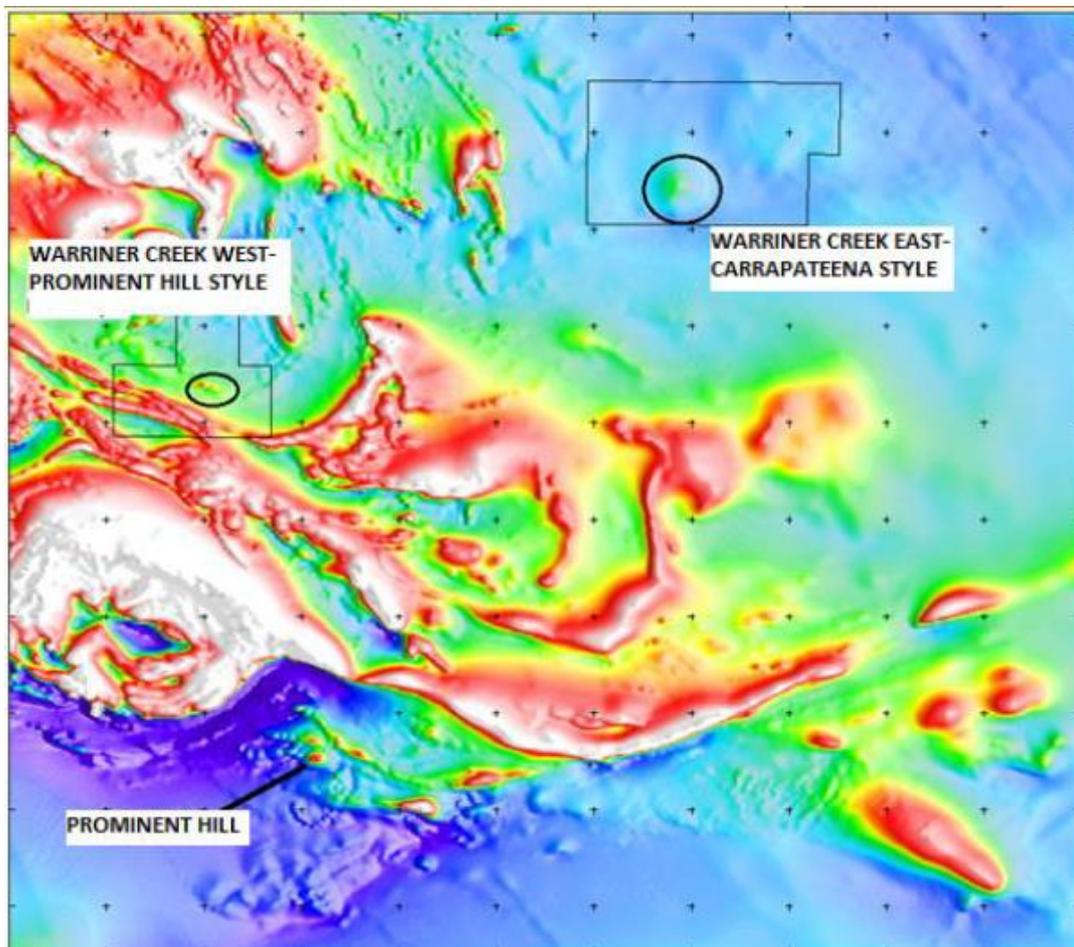
### **Warriner Creek Project**

The Warriner Creek Project comprises 2 tenements under exploration licence to TDG, EL 6324 (Areas A and B) and EL 6533, which cover a combined area of 346 km<sup>2</sup> over strategic IOCG targets in the Gawler Craton

Three drill holes were completed at Warriner Creek with 1 drill hole over the Warriner Creek East Prospect and 2 drill holes over the Warriner Creek West Prospect. These drill holes were undertaken as part of the Farm-In Agreement that Cohiba has with Tigers Dominion Group Pty Ltd (TDG).

The first hole was drilled at the Warriner Creek East Prospect (Figure 4) and targeted a Carrapateena style IOCG deposit where there is an isolated low-order magnetic anomaly and a near-coincident gravity anomaly.

The second and third holes were drilled at the Warriner Creek West Prospect (Figure 5) and targeted a Prominent Hill style target zone which exhibits a moderately intense magnetic anomaly.

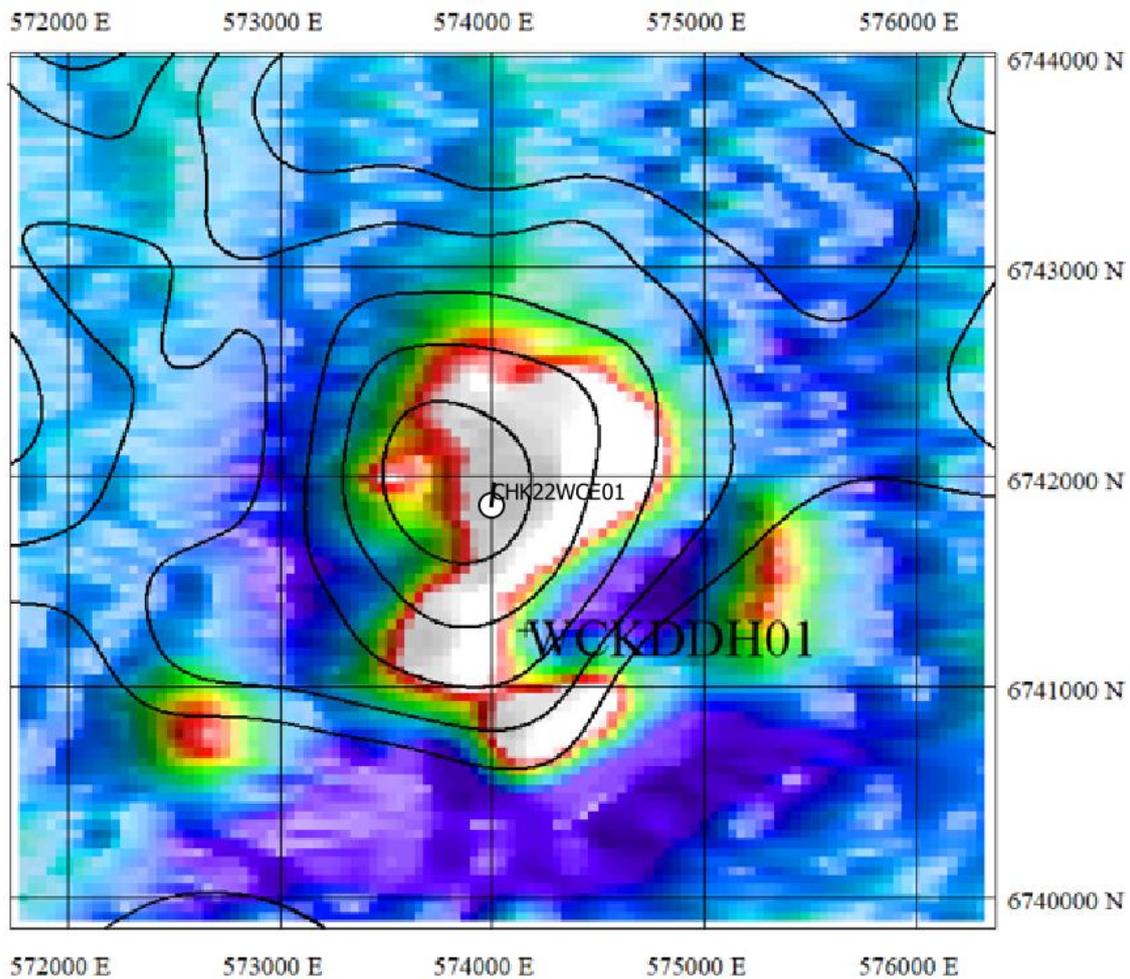


**Figure 5:** Warriner Creek Prospect showing EL6324 (East – Area B and West – Area A) overaeromagnetic data produced by Department for Energy and Mining SA.

### **Warriner Creek East Prospect**

Drill hole CHK22WCE01 was completed at a final length of 658.6m. The drill hole was targeting a semi-coincident gravity and magnetic anomaly (Figure 6) of similar proportions and intensity to the Carrapateena anomalies, beneath 400m of cover. CHK22WCE01 intersected basement rocks considered to be Mount Woods Domain of gneiss, granite gneiss and associated mafic dyke. The hole ended in a less altered and deformed dolerite which is considered to be related to Hiltaba aged intrusions.

The source of the magnetic anomaly, which is partially offset from the gravity high, appears to be due to the Hiltaba dolerite intrusion, which left the gravity anomaly un-tested. While characteristic IOCG alteration such as brecciation associated with haematite and sericite was not observed, there were significant intervals of brown haematite dusting associated with sericite on fractures and destruction of biotite and amphibole minerals (Figure 7). This fluid composition is consistent with IOCG deposition and not the usual skarn alteration often seen in the Mount Woods domain.



**Figure 6:** Warriner Creek East Residual Gravity Contours on Total Magnetic Intensity colour map.



**Figure 7:** CHK22WCE01 (519.6-524m). Mafic minerals have been replaced by brown earthy haematite, and strong sericite on minor shears.

### **Warriner Creek West Prospect**

The first drill hole, CHK22WCW01, was drilled to a final length of 187.4m in order to test a magnetic high. The second drill hole, CHK22WCW02, was stepped out from the first by 120m and angled at -80° to further test the same magnetic anomaly. The second drill hole was drilled to a final length of 235.6m.

The Warriner Creek West Prospect is in close proximity to Oz Minerals Prominent Hill IOCG copper-gold mine, and Peak Iron's Peculiar Knob mine, which also has IOCG affinities (Figure 8). The target was delineated as a magnetic high in what is otherwise an area characterised by low magnetic responses. Magnetite is associated with IOCG end member style mineralisation, such as seen in the nearby Peculiar Knob and Cairn Hill deposits. Historical drilling in the area indicates the potential for Rare Earth Elements (REE) associated with sericite alteration and these will be fully investigated along with the potential for gold mineralisation.

CHK22WCW01 encountered a reasonable thick cover sequence with running sands and sandy conglomerate which was indicative of a palaeochannel. Basement was encountered at 110.9m and comprised a crystalline medium-grained relatively unaltered amphibolite gneiss. Sericite alteration with very strong magnetite was encountered in places and some of the banded material also contained strong magnetite. At 126m a highly magnetic mafic sill with minor pyrite and trace chalcopyrite in veins was encountered. The dominant rock type was shown to be a strongly banded amphibolite gneiss with minor pegmatite layers dipping due south at ~approximately 50°.

In CHK22WCW02 a magnetite zone was encountered at 195m which aligned with what was seen in the top of CHK22WCW01. This magnetite forms a contact between calcareous meta-psammite and an amphibole-biotite gneiss that was also intersected in CHK22WCW01. The blue line in the diagram shows the contact, which would explain the magnetic anomaly. The magnetite has been interpreted as a hydrothermal magnetite alteration, rather than a strataform magnetite BIF, due to the associated brecciation, massive banding and associated tension veins with pyrite and minor disseminated chalcopyrite.

Numerous zones of strong sericite alteration were encountered which may be prospective for rare earth elements (REE).

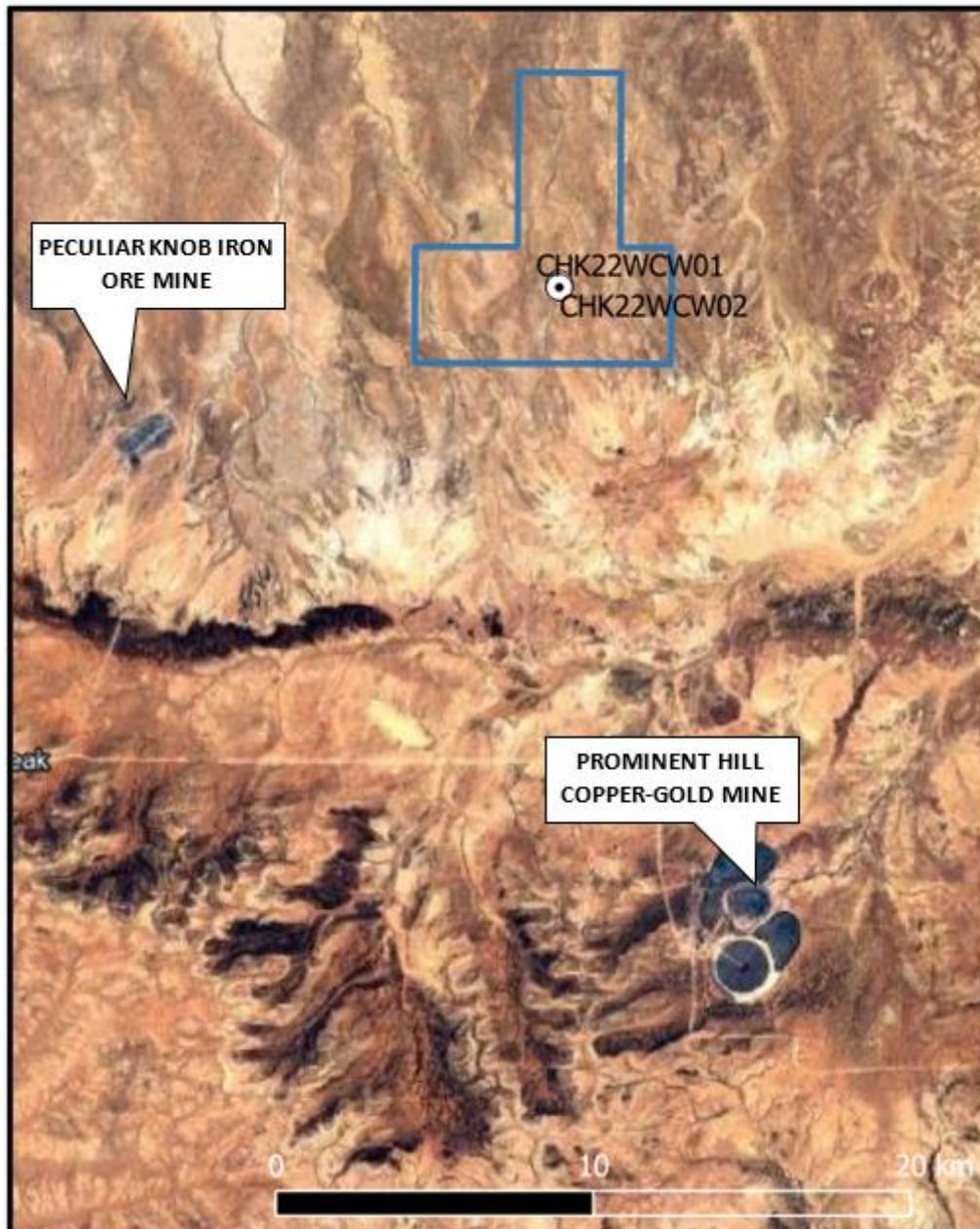


Figure 8: Warriner Creek West Prospect in relation to Peculiar Knob and Prominent Hill Cu-Au Mine.

**Pyramid Lake Update (E74/594)**

The Mining Lease approval process was progressed by the Executive Chairman with the aid of an external consulting group.

**Wee MacGregor Project Update**

The Wee MacGregor group comprises three granted mining licences, ML 2504, ML 2773, and ML 90098 located approximately 60km southeast of Mt. Isa (Queensland).

Cohiba secured its 80% ownership over the Wee MacGregor tenements.

### Queensland Exploration Licences

The Mt Cobalt Mine Area (EPM26379) tenement was approved for a further 5-year period. All the Queensland tenements are currently in good standing.

### Corporate

During the quarter the Company received conversion notices for 234,679,788 CHKOA options which were exercised with an issue price of \$0.01 (1 cent) per option raising approximately \$2.35 million. A total of 112,722,389 CHKOA options expired unexercised.

### Cash Balance at 30 June 2022

The Company's cash at bank as at 30 June 2022 was \$3.46 million.

### Interests in Mining Tenements

Below is a summary of the mining tenements held by the Company at the end of the quarter:

Mining Tenement	Location	Beneficial Percentage held	Interest acquired/farm-in or disposed/farm-out during the quarter
E74/594	Western Australia	100%	-
EPM 26379	Queensland	100%	-
EPM26376	Queensland	100%	-
EPM26377	Queensland	100%	-
EPM26378	Queensland	100%	-
ML 2054	Queensland	80%	-
ML 2773	Queensland	80%	-
ML 90098	Queensland	80%	-
EL 6118	South Australia	80%	-
EL 6119	South Australia	80%	-
EL 6120	South Australia	80%	-
EL 6121	South Australia	80%	-
EL 6122	South Australia	80%	-
EL 6183	South Australia	80%	-
EL 6675	South Australia	80%	-

This announcement has been authorised for released by the Board of CHK.

### **For further information:**

**Andrew Graham**

**Executive Director**

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### About Cohiba Minerals Limited

Cohiba Minerals Limited is listed on the Australian Securities Exchange (ASX) with the primary focus of investing in the resource sector through direct tenement acquisition, joint ventures, farm in arrangements and new project generation. The Company has projects located in South Australia, Western Australia and Queensland with a key focus on its Olympic Domain tenements located in South Australia.

The shares of the company trade on the Australian Securities Exchange under the ticker symbol CHK and on OTCQB Market under the ticker symbol CHKMF.

## Appendix 5B

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

Name of entity

COHIBA MINERALS LIMITED

ABN

72 149 026 308

Quarter ended ("current quarter")

30 June 2022

<b>Consolidated statement of cash flows</b>	<b>Current quarter \$A'000</b>	<b>Year to date (12 months) \$A'000</b>
<b>1. Cash flows from operating activities</b>		
1.1 Receipts from customers	-	-
1.2 Payments for		
(a) exploration & evaluation	-	-
(b) development	-	-
(c) production	-	-
(d) staff costs	(76)	(300)
(e) administration and corporate costs	(230)	(855)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	1	12
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)	-	-
<b>1.9 Net cash from / (used in) operating activities</b>	<b>(305)</b>	<b>(1,143)</b>
<b>2. Cash flows from investing activities</b>		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	-	-
(d) exploration & evaluation	(1,236)	(4,255)
(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)	-	-
<b>2.6</b>	<b>Net cash from / (used in) investing activities</b>	<b>(1,236)</b>	<b>(4,255)</b>

<b>3.</b>	<b>Cash flows from financing activities</b>		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	-
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	2,290	2,361
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	-
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)	-	-
<b>3.10</b>	<b>Net cash from / (used in) financing activities</b>	<b>2,290</b>	<b>2,361</b>

<b>4.</b>	<b>Net increase / (decrease) in cash and cash equivalents for the period</b>		
4.1	Cash and cash equivalents at beginning of period	2,714	6,500
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(305)	(1,143)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(1,236)	(4,255)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	2,290	2,361

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

<b>Consolidated statement of cash flows</b>		<b>Current quarter \$A'000</b>	<b>Year to date (12 months) \$A'000</b>
4.5	Effect of movement in exchange rates on cash held	-	-
<b>4.6</b>	<b>Cash and cash equivalents at end of period</b>	<b>3,463</b>	<b>3,463</b>

<b>5.</b>	<b>Reconciliation of cash and cash equivalents</b> at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts	<b>Current quarter \$A'000</b>	<b>Previous quarter \$A'000</b>
5.1	Bank balances	3,463	2,714
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other (provide details)	-	-
<b>5.5</b>	<b>Cash and cash equivalents at end of quarter (should equal item 4.6 above)</b>	<b>3,463</b>	<b>2,714</b>

<b>6.</b>	<b>Payments to related parties of the entity and their associates</b>	<b>Current quarter \$A'000</b>
6.1	Aggregate amount of payments to related parties and their associates included in item 1	75
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-

*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.*

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

<b>7. Financing facilities</b>	<b>Total facility amount at quarter end \$A'000</b>	<b>Amount drawn at quarter end \$A'000</b>
<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 <b>Total financing facilities</b>	-	-
7.5 <b>Unused financing facilities available at quarter end</b>		-
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.	N/A	

<b>8. Estimated cash available for future operating activities</b>	<b>\$A'000</b>
8.1 Net cash from / (used in) operating activities (item 1.9)	(305)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(1,236)
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(1,541)
8.4 Cash and cash equivalents at quarter end (item 4.6)	3,463
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	3,463
8.7 <b>Estimated quarters of funding available (item 8.6 divided by item 8.3)</b>	2.25
<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: N/A	
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: N/A	
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: N/A	
<i>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.</i>	

## 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: 28 July 2022

Authorised by: The Board of Directors

## 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.