

Quarterly Activities and Cashflow Report June 2022

Highlights

- Significant widespread clay hosted REE mineralisation discovery announced from initial drilling program on tenement EL007646 at the Mitre Hill REE Project ("Mitre Hill"). 70% of 34 holes drilled returned a grade above 500 ppm TREO, including 1,421ppm TREO from 3m¹
- Step out drilling commenced, and is underway, on the higher grade REE mineralisation zone on tenement EL007646. The Company is targeting confirmation of thicker intervals of REE mineralisation as the drilling spacing narrows, consistent with projects in the region².
- Granted Licence EL6708, located in South Australia at Mitre Hill. The Company's second and largest tenement, at 809km².
- Granted three highly prospective tenements within Victoria at Mitre Hill. One borders tenement EL007646, site of the recent higher grade REE mineralisation zone that is open along the shared boundary.
- Four (4) granted tenements in Victoria, one (1) in South Australia, and seventeen (17) applications submitted in Victoria.
- The Company is utilising the newly acquired air core drill rig² and in-field XRF analyser. These have immediately generated significant cost savings, provided real-time geological analysis and will accelerate drilling programs going forward.

Resource Base Limited (ASX:RBX) (Resource Base or the Company), the strategic metals explorer targeting clay hosted REE in Victoria and South Australia, is pleased to provide its shareholders with the Company's Quarterly Activities Report for the period ending 30 June 2022 (June Quarter).

Mitre Hill Project

The Mitre Hill Project tenements account for 4,830km² including granted tenements and tenements under application that are highly prospective for clay hosted Rare Earth Elements (REE) within the southern margin of the Murray Basin.

During the June Quarter the Company made significant progress including the discovery of a zone of higher-grade mineralisation after the first drilling program. Following which, step out drilling across the broader tenement commenced.

On 17 June 2022, the remaining three (3) tenements from the initial Mitre Hill acquisition were granted bringing the total granted tenement area to 1,460km². The new tenements are highly prospective for clay hosted REE.

1. Refer ASX Announcement 18 May 2022 "Significant Widespread REE Discovery"
2. Refer ASX announcement 7 March 2022 "RBX Drilling at Prospective REE Project Mitre Hill"

About Resource Base

Strategic Metals explorer targeting Clay Rare Earths and VHMS in Victoria and South Australia

Executive Chairman & CEO
Shannon Green

Non-Executive Director
Jamie Myers

Non-Executive Director
Paul Hissey

CFO & Company Secretary
Ailsa Osborne

L/4, 105 St Georges Terrace
Perth WA 6000
E. admin@resourcebase.com.au
W. www.resourcebase.com.au

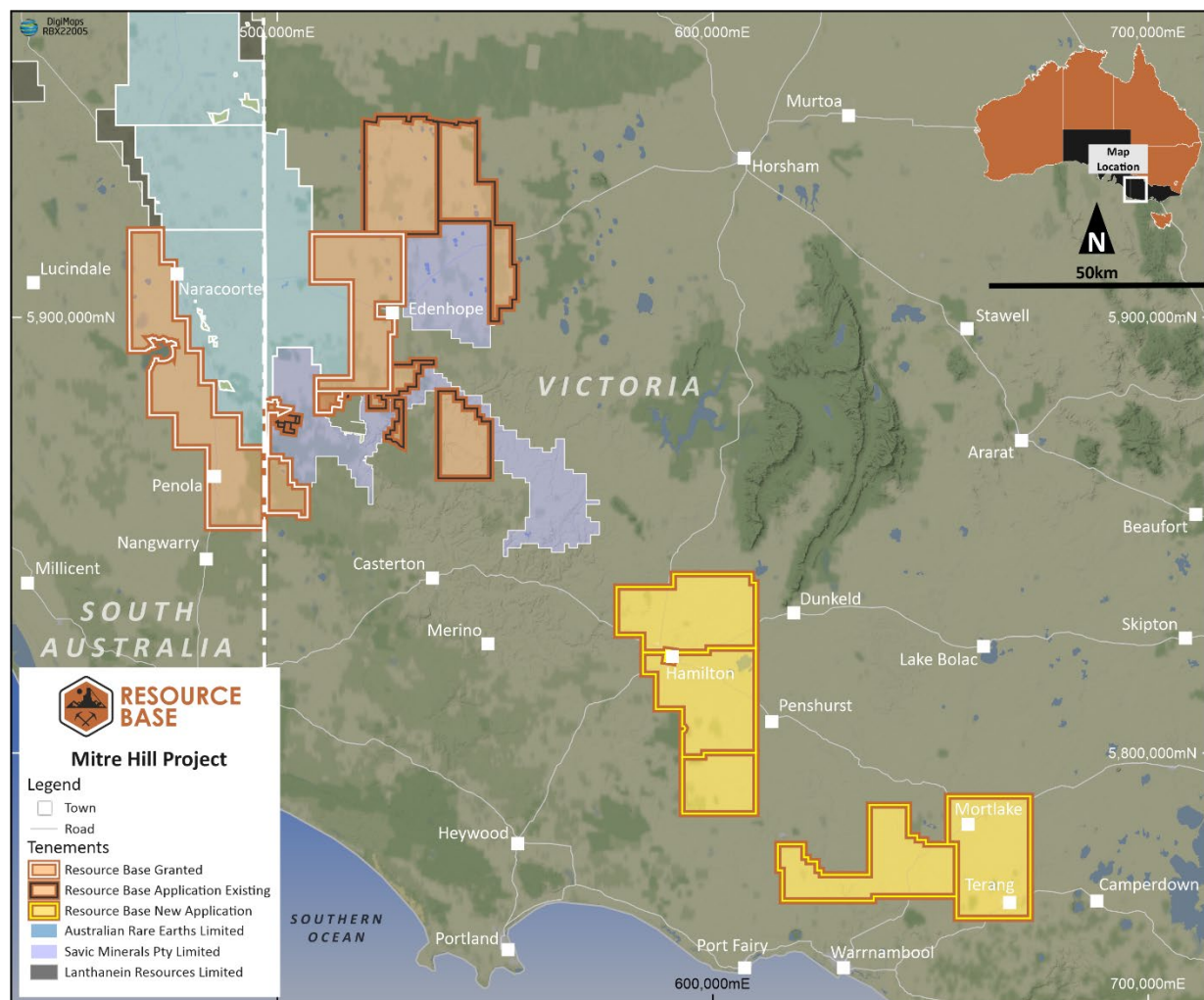
Enquiries:
Company Secretary
Ailsa Osborne
T. +61 8 6102 8072



Post Quarter end, on 27 July 2022, the Company announced the submission of five (5) Exploration Licence applications totalling 2,230km² for tenements prospective for clay hosted Rare Earths (REE) in Victoria.

The Mitre Hill Project currently comprises four (4) granted tenements and seventeen (17) applications in Victoria and one (1) granted tenement in South Australia for a total of 4,830km² prospective for clay hosted Rare Earths (REE), refer figure 1 below.

Figure 1: Mitre Hill Tenements



Drilling

Initial drilling on the Mitre Hill Project tenement EL007646, commenced during the March 2022 Quarter. The program focussed on broadly spaced drilling along roadside reserves on tenement EL007646, a 28km² part of RBX's 4,830km² landholding.

The results released on 18 May 2022, confirm potential for broader occurrence of REE across the Southern Murray Basin, consistent with the Company's geological hypothesis, which formed the basis for the Company's strategy to expand tenement holdings.



Highlights of the Initial program included:

- ◆ REE mineralisation is widespread across the tenement
- ◆ High grade zone in the west of the tenement open to the West, North and South.
- ◆ 70% of 34 holes drilled returned a grade above 500ppm TREO.
- ◆ Grades comparable to those on the nearby Red Tail and Yellow Tail deposits with JORC Inferred Mineral Resource 39.9Mt @ 725ppm TREO³.

On the back of these results the Company has commenced step out drilling in the northwest area of Mitre Hill Project Tenement EL007646 where higher grade clay hosted REE mineralisation was discovered. The Company is targeting confirmation of thicker intervals of REE mineralisation as the drill spacing is reduced, which would be consistent with other projects in the region. This step out drilling is further progress towards allowing the Company to define an initial REE JORC Compliant Resource.

The step out drilling on Mitre Hill clay hosted REE Project tenement EL007646 is the inaugural program utilising the Company's newly purchased fit for purpose rubber tracked air core drilling rig.

The rig (Figure 2) has already provided substantial cost savings and allows the Company to better manage its drilling programs by avoiding 3rd party delays and disruptions, in addition to enabling flexibility of scheduling to meet landholder requirements.

Figure 2. The Resource Base Air-Core Rig Drilling on Tenement EL007646



³ Refer to Australian Rare Earths Limited Prospectus dated 7 May 2021



The Company is also utilising its newly purchased in-field XRF analyser to provide real-time geological examination of the samples as drilling is conducted.

Black Range Project

The Black Range Project (124km²) in Victoria's premier porphyry and VHMS target district, the Mount Staveland Volcanic Complex (MSVC) in Western Victoria, captures three fault-bound segments of the MSVC volcanics with a combined strike length of approximately 55kms. The Project includes the advanced Eclipse prospect, which is prospective for copper, gold, and zinc.

Drilling continued in the June Quarter on the Black Range Project. The program was a continuation of the 3,000m drill program commenced in February, aimed at drilling the remaining 1,500m located in the southeast portion of the tenement and continue to systematically test these geophysical targets as well as continuing the process of assessing regional targets further afield across the Black Range tenement.

As announced post quarter end on 28 July 2022, drilling has intercepted sulphide rich zone of alteration on the Callisto target approximately 2km south of the Eclipse and Nebula mineralisation. Ongoing work will aim to fingerprint the mineralisation with elemental isotope studies and geophysics to determine if it forms part of the VHMS occurring at Eclipse and Nebula. If so this will help vector towards prospective geological horizons to the South, away from known mineralisation.

Corporate

Unmarketable Parcel Sale Facility

On 27 April 2022, the Company announced the establishment of an Unmarketable Parcel Sale Facility for shareholders who held less than A\$500 worth of fully paid ordinary shares in the Company. A total of 147,300 shares were sold under the Facility, from 343 holders of Unmarketable Parcels at a price of \$0.1394 per share.

Change of Auditor

On 20 May 2022, the Company announced the appointment of BDO Audit (WA) Pty Ltd (**BDO**) as the Company's auditor with effect immediately. This appointment followed the resignation of Elderton Audit Pty Ltd (**Elderton**) and ASIC's consent to same.

Cash

The Company has cash reserves at 30 June 2022 of \$2,143,967.

Statement of Commitments

The current quarter is covered by the Statement of Commitments outlined in the Prospectus dated [7 May 2021](#) and the Short form Prospectus dated [1 October 2021](#).



A summary of expenditure to date is outlined below:

	Prospectus	Spend to Date	Jun Qtr
<i>Black Range Project</i>			
Preliminary in Ground Exploration Activities	100,000	74,508	430
Geophysics	400,000	273,145	-
Drilling and Sampling	2,215,000	440,173	94,777
Assays	210,000	15,845	-
Project Management	200,000	220,768	43,373
<i>Mitre Hill Project</i>			
Assembly of geological database and sampling of historic drill core	100,000	33,687	29,052
Drilling & further sampling	233,000	141,359	94,856
Mineralogical and metallurgical test work	195,000	-	-
Project Management	150,000	86,170	46,176
<i>Corporate</i>			
M&A	250,000	150,988	51,588
Administration & Corporate Costs & Working Capital	1,450,000	1,410,477	130,404
Remuneration to Directors	300,000	300,000	-
Repayment of Debt	475,000	475,000	-
Expenses of the Offer	772,000	889,753	207,860
Capital Equipment Purchase	-	219,431	219,431
Tenement Applications	-	174,728	109,663
Total	7,050,000	4,906,032	1,027,610

Capital Equipment Purchases

Includes the purchase of the drill rig including modifications, ancillary support equipment for the rig and XRF analyser.

The rig has already provided substantial cost savings and allows the Company to better manage its drilling programs by avoiding 3rd party delays and disruptions, and has enabled flexibility of scheduling to meet landholder requirements.

The Company is also utilising its newly purchased in-field XRF analyser to provide real-time geological examination of the samples as drilling is conducted.

Tenement Applications

Are the costs associated with submission of applications and advertising. The Company has submitted 17 applications prospective for clay hosted REE in Victoria for a totalling 3,370km². Provided all applications are granted the Mitre Hill clay hosted REE project footprint would grow to 4,830km² and would continue to hold the second largest land position in the southern margin of the Murray Basin an emerging globally significant clay hosted Rare Earth precinct.



Related Party Payments

In line with its obligations under ASX Listing Rule 5.3.5, the Company has advised in the Appendix 5B for the period ended 30 June 2022, payments to related parties of the Company totalling \$137,311 pertain to payments to Directors for fees, salary and superannuation.

ENDS

This announcement has been authorised by the Board of Resource Base Limited.

For further information please visit our website – www.resourcebase.com.au



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RESOURCE BASE LIMITED

About Resource Base Ltd

Resource Base Ltd (ASX: RBX) is an Australian based mineral exploration company focused on the development of highly prospective exploration projects with demonstrated potential for scalable discoveries.

Mitre Hill Project

The Mitre Hill tenements account for 4,830km² that are prospective for clay hosted Rare Earth Elements (REE) within the southern margin of the Murray Basin, the Project consists of four (4) granted tenements in Victoria, one (1) granted tenement in South Australia and seventeen (17) applications in Victoria.

Upon granting of all tenements Mitre Hill will hold the 2nd largest position within a potential emerging clay hosted Rare Earth precinct located in the southern margin of the Murray Basin across Victoria and South Australia.

The licence and applications are located in the southern margin of the Murray Basin on the South Australian and Victorian state Border near the towns of Naracoorte, Penola and Edenhope.

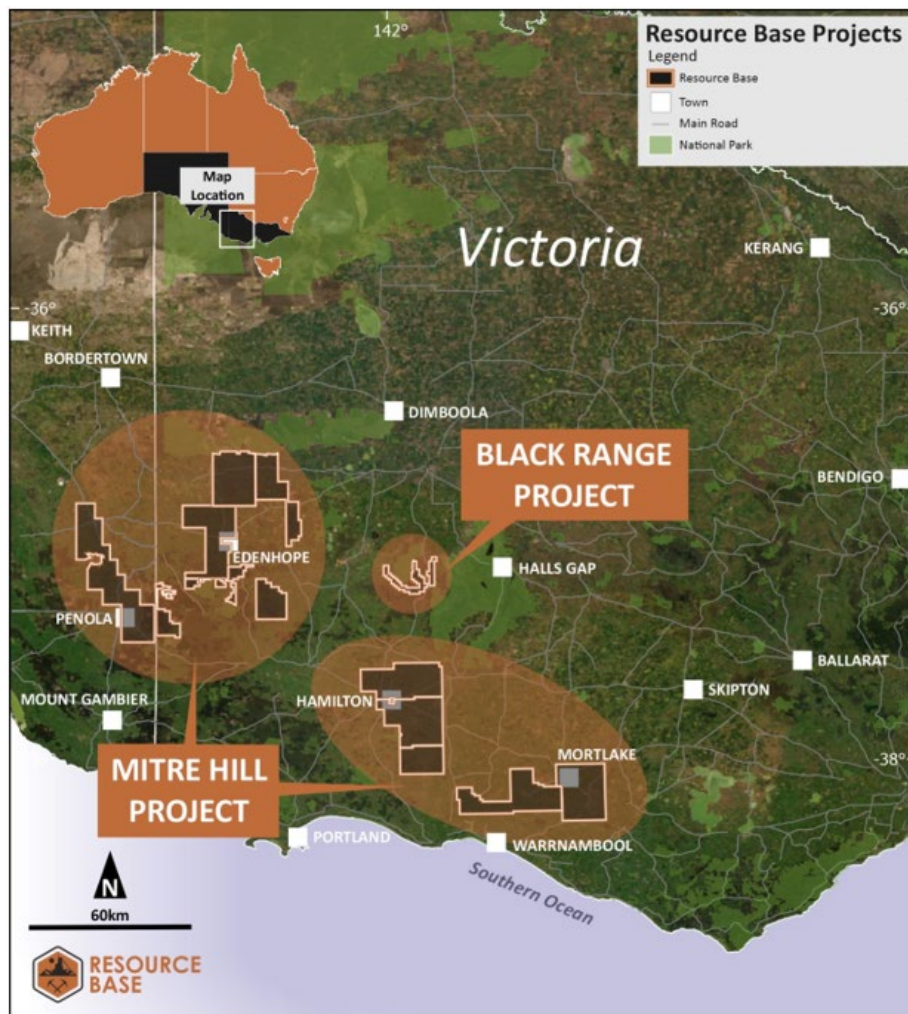
The main economic target is clay hosted REE deposits, with Heavy Rare Earths considered strategically important given global supply modelling. A significant archive of historical exploration data has been acquired by the Company, including drilling results, numerous government studies and minor private exploration.

Black Range Project

The Black Range Project (124km²) in Victoria's premier porphyry and VHMS target district, the Mount Stavelly Volcanic Complex (MSVC) in Western Victoria, captures three fault-bound segments of the MSVC volcanics with a combined strike length of approximately 55kms. The Project includes the advanced Eclipse prospect, which is prospective for copper, gold, and zinc.

The MSVC is considered an analogue of the Mt Read Volcanics in Tasmania, which is host to a number of world-class VHMS deposits (Rosebery, Hellyer, Que River), the giant Mt Lyell Cu-Au deposit, and the Henty Au deposit. Numerous other targets, including Anomaly F, Honeysuckle, Anomaly K and Mt Bepcha are associated with MSVC rocks across the tenement but have seen little work to date.

Petrological studies indicate that important VHMS style hydrothermal alteration and is well developed on the Eclipse prospect. Resource Base will utilise systematic geophysics, drilling and geochemical analyses combined with petrological and hyperspectral SWIR alteration mapping to vector towards zones with high mineralisation potential as identified from comparison with known VHMS deposits in the Mt Read Volcanics and around the world.



RESOURCE BASE LIMITED ACN 113 385 425

Suite 4.01, Level 4, 105 St Georges Terrace, Perth WA 6000

T. +61 8 6102 8072

E. admin@resourcebase.com.au

www.resourcebase.com.au



Forward Looking Statements

Information included in this release constitutes forward-looking statements. Often, but not always, forward looking statements can generally be identified by the use of forward-looking words such as “may”, “will”, “expect”, “intend”, “plan”, “estimate”, “anticipate”, “continue”, and “guidance”, or other similar words and may include, without limitation, statements regarding plans, strategies and objectives of management, anticipated production or construction commencement dates and expected costs or production outputs.

Forward looking statements inherently involve known and unknown risks, uncertainties and other factors that may cause the Company’s actual results, performance, and achievements to differ materially from any future results, performance, or achievements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licenses and permits and diminishing quantities or grades of reserves, political and social risks, changes to the regulatory framework within which the company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation.

Forward looking statements are based on the Company and its management’s good faith assumptions relating to the financial, market, regulatory and other relevant environments that will exist and affect the Company’s business and operations in the future. The Company does not give any assurance that the assumptions on which forward looking statements are based will prove to be correct, or that the Company’s business or operations will not be affected in any material manner by these or other factors not foreseen or foreseeable by the Company or management or beyond the Company’s control.

Although the Company attempts and has attempted to identify factors that would cause actual actions, events, or results to differ materially from those disclosed in forward looking statements, there may be other factors that could cause actual results, performance, achievements, or events not to be as anticipated, estimated or intended, and many events are beyond the reasonable control of the Company. Accordingly, readers are cautioned not to place undue reliance on forward looking statements. Forward looking statements in these materials speak only at the date of issue. Subject to any continuing obligations under applicable law or any relevant stock exchange listing rules, in providing this information the company does not undertake any obligation to publicly update or revise any of the forward-looking statements or to advise of any change in events, conditions or circumstances on which any such statement is based.

Competent Person Statement

The information in this report which relates to Exploration Results is based on, and fairly represents, information compiled by Mr Ian Cameron. Mr Cameron is a Member of the Australian Institute of Geoscientists (AIG) and an employee of the Company. Mr Cameron has sufficient experience which is relevant to the style of mineralisation and type of deposit 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’ (the JORC Code). The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant market announcement. Mr Cameron consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

Australian Tenement Schedule at 30 June 2022

In accordance with ASX Listing Rule 5.3.3, Resource Base Limited provides its list of exploration licenses with its June 2022 quarterly activities report.

Project	Location	Tenements Held At End of Quarter	Tenements Acquired or Disposed of During Quarter	Beneficial Interest at End of Quarter	Areas Ha
Black Range Project ¹	Victoria, Australia	EL4590	Held	100%	12,400Ha
Mitre Hill Project ²	Victoria, Australia	EL007646	Held	100%	2,800Ha
Mitre Hill Project ²	Victoria, Australia	EL007640	Granted	100%	49,000Ha
Mitre Hill Project ²	Victoria, Australia	EL007641	Granted	100%	10,300Ha
Mitre Hill Project ²	Victoria, Australia	EL007647	Granted	100%	600Ha
Mitre Hill Project ²	South Australia, Australia	EL6708	Granted	100%	80,900Ha

1. Project was acquired from Navarre Minerals Limited on 2 July 2021
2. Project was acquired 23 December 2021



Mitre Hill Pty Ltd Tenements

Mitre Hill Project Tenements			
Victoria Tenements	Tenement Size (km ²)	Application Date	Date Granted
EL007640	490	23 July 2021	17 June 2022
EL007641	103	11 June 2021	17 June 2022
EL007646	28	22 June 2021	8 November 2021
EL007647	30	11 June 2021	17 June 2022
EL007888	6	2 March 2022	
EL007889	15	2 March 2022	
EL007891	6	2 March 2022	
EL007892	4	2 March 2022	
EL007893	9	2 March 2022	
EL007894	6	2 March 2022	
EL007895	13	2 March 2022	
EL007896	24	2 March 2022	
EL007897	44	2 March 2022	
EL007898	204	2 March 2022	
EL007899	353	2 March 2022	
EL007900	456	2 March 2022	
EL007982	500	21 July 2022	
EL007983	499	14 July 2022	
EL007984	233	14 July 2022	
EL007985	500	14 July 2022	
EL007986	498	14 July 2022	
South Australia Tenement	Tenement Size (km ²)	Application Date	Date Granted
EL6708	809	28 May 2021	1 April 2022

Resource Base Limited Tenements

Black Range Project Tenements		
Victoria Tenements	Tenement Size (km ²)	Date Granted
EL4590	124	14 February 2017

Appendix 5B

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

Name of entity

RESOURCE BASE LTD

ABN

57 113 385 425

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	-	-
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(77)	(758)
	(e) administration and corporate costs	(172)	(1,342)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	-	-
1.5	Interest and other costs of finance paid	-	(9)
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	(249)	(2,109)

2.	Cash flows from investing activities		
2.1	Payments to acquire or for:		
	(a) entities	(166)	(434)
	(b) tenements	(110)	(175)
	(c) property, plant and equipment	(204)	(219)
	(d) exploration & evaluation	(293)	(1,275)
	(e) investments	-	-
	(f) other non-current assets	-	-

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	(773)	(2,103)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	6,700
3.2	Proceeds from issue of convertible debt securities	-	-
3.3	Proceeds from exercise of options	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	(395)
3.5	Proceeds from borrowings	-	-
3.6	Repayment of borrowings	(6)	(47)
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	(6)	6,258

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	3,172	98
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(249)	(2,109)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(773)	(2,103)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	(6)	6,258

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	2,144	2,144

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	2,144	3,172
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)	2,144	3,172

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	137
6.2	Aggregate amount of payments to related parties and their associates included in item 2	-
<i>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.</i>		
6.1	Payments for Directors and payments made under the Executive Services Agreements with the CEO and CFO's (net of GST)	

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

7. Financing facilities <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>	Total facility amount at quarter end \$A'000	Amount drawn at quarter end \$A'000
7.1 Loan facilities	57	57
7.2 Credit standby arrangements	-	-
7.3 Other (please specify)	-	-
7.4 Total financing facilities	57	57
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.		
Comprises equipment financing for a site vehicle.		

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (item 1.9)	(249)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(310)
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(559)
8.4 Cash and cash equivalents at quarter end (item 4.6)	2,144
8.5 Unused finance facilities available at quarter end (item 7.5)	-
8.6 Total available funding (item 8.4 + item 8.5)	2,144
8.7 Estimated quarters of funding available (item 8.6 divided by item 8.3)	3.84
<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:	

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: The Board of Resource Base Limited
(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.