



28 Jan 2022

December 2021 quarterly activities report

Q4 HIGHLIGHTS

Bird in Hand Gold Project

- Terramin has continued to progress the Mining Lease Application for its Bird in Hand Gold Project. The South Australian mining regulator has progressed to the final assessment phase of this application.

Tala Hamza Zinc Project

Terramin has continued its positive commercial negotiations with its Algerian joint venture partner.

Kapunda In Situ Copper Recovery Project

- Terramin's joint venture partner, Environmental Copper Recovery Pty Ltd (ECR) has commenced in ground test work following the receipt of regulatory approval.

Exploration

- A drilling contractor for the drilling of the large Wild Horse target have been secured and drilling is expected later in the current quarter.
- Discussions with a potential joint venture partner in respect of the South Gawler Ranges Project are well advanced.

Corporate

- The Company's total cash balance (including restricted cash on deposit) was \$5.72 million at the end of the quarter.

BIRD IN HAND GOLD PROJECT & ANGAS ZINC MINE SITE

100% owned by Terramin and its subsidiary Terramin Exploration Pty Ltd

The Bird in Hand Gold Project (BIHGP) is located approximately 30km north of Terramin's existing mining and processing facilities at the Angas Zinc Mine (Angas). The project has a high-grade Resource of 650,000 tonnes at 12.6g/t for 265,000 ounces of gold. A feasibility study showed that the BIHGP expected to generate a post-tax NPV₈ of \$141 million with an IRR of 80.5% over approximately 4 years of production. The project's base case projection is to produce an average of 44,700 ounces of gold per annum at a low C1 cash cost of \$737 per ounce and an all-in sustaining cost of \$959 per ounce. It is anticipated that, subject to required regulatory approvals, the Bird in Hand ore will be processed utilising the facilities at Angas which can be modified to process gold-bearing material. The existing tailings dam at Angas has the capacity to hold Bird in Hand tailings.

Terramin has continued to progress the Mining Lease Application for its BIHGP and the Miscellaneous Purpose Lease to allow the Angas site to treat the Bird in Hand ore. The South Australian Department for Energy and Mining (DEM) has continued to progress its assessment and has moved into the final phase of its assessment and approval process.

The Program for Environment Protection and Rehabilitation (PEPR) has been largely finalised and is ready for submission.

Terramin continues to engage with a number of parties which are interested in funding or investing in the project and is in receipt of a number of funding offers. There is strong interest from offtake parties, streaming and royalty companies, financial institutions and other mining companies.

The Angas site continued to be maintained in accordance with the DEM approved Mine Care and Maintenance Plan and is operating in compliance with its lease conditions.

Expenditure on the BIHGP and Angas site during the quarter was \$0.5 million (noting that this number includes care and maintenance costs at Angas).

TALA HAMZA ZINC PROJECT

100% owned by Western Mediterranean Zinc Spa (WMZ)

Terramin holds a 65% shareholding in WMZ. The remaining 35% is held by two Algerian government-owned companies: Entreprise Nationale des Produits Miniers Non-Ferreux et des Substances Utiles Spa (ENOF) (32.5%) and Office National de Recherche Géologique et Minière (ORGM) (2.5%).

During the quarter, Terramin has been focused on its ongoing negotiations with its joint venture partner, ENOF, regarding the structure and management of the Tala Hamza Zinc Project joint venture as it transitions to construction and production.

Terramin advises that following positive commercial discussions with ENOF have continued with many commercial issues having been resolved.

Consultation with the local community is ongoing.

Expenditure on the Tala Hamza project during the quarter was \$0.1 million.

KAPUNDA IN SITU COPPPER RECOVERY PROJECT

25% free carried interest until completion of project thresholds

The Kapunda In Situ Copper Recovery Project is located near the township of Kapunda which is approximately 90km north of Adelaide. The project is focused on the recovery of copper and gold from a historical mining area through the use of in situ recovery. The project has a resource of 47.4 million tonnes at 0.25% copper containing 119,000 tonnes of copper. The project is been partially funded by a government grant of \$2.85 million from the Co-operative Research Centre (CRC-P).

During the quarter, Terramin's joint venture partner, ECR received regulatory approval for its first round of in-ground test work that includes a tracer test (to test connectivity between wells) to be followed by a push pull test using biodegradable methane sulfonic acid to test in-ground extraction of copper.

The tracer test is currently being carried out on the project and involves draining an inert tracer substance (sodium bromide) into the wells and then measuring the time it takes to move from well to well. This test is expected to be completed in the coming days.

ECR are currently collating the results of the CRC-P research project and other work into a scoping study for the project.

The 3½ year work on this project has culminated in ECR winning the South Australian Premiers Award Innovation and Collaboration Resources Energy in November 2021.

EXPLORATION PROJECTS

100% owned by Terramin and Terramin subsidiaries Terramin Exploration Pty Ltd or Menninnie Metals Pty Ltd unless otherwise previously disclosed as part of a joint venture arrangement

The Adelaide Hills Project consists of eleven contiguous exploration tenements that cover 3,481km² and stretch from Lake Alexandrina to Kapunda. This project area is considered highly prospective for gold, copper, lead, zinc and rare earth elements. Terramin's South Gawler Project is located along the southern margin of the Gawler Ranges, northern Eyre Peninsula, South Australia. The Project comprises a group of eleven Exploration Licenses totaling 4,524km².

Wild Horse (Earn -in Agreement with Newmont Exploration Holdings Pty Ltd)

Drill hole design which targets the distinct Wild Horse aerial magnetic anomaly has been completed. The magnetic body is 1,300 metres by 2,000 metres and has been modelled from a depth of approximately 100 metres to 1,400 metres.

Approval for the drilling has been obtained from DEM and the relevant landowners.

A drilling contractor has been secured and we are awaiting the arrival of the drilling rig which is expected to be later in the current quarter.

South Gawler Ranges

The South Gawler Ranges assets, which includes the Menninnie Dam Resource and 4,524 square kilometres of prospective exploration ground, are considered non-core assets in the Terramin asset portfolio. Terramin has appointed Discovery Capital Partners as advisor in respect of these assets.

Terramin is currently in advanced discussions with a third party in respect of joint venture of these assets.

Terramin's expenditure on the Adelaide Hills and Gawler Ranges tenements was \$0.06 million.

TENEMENT SCHEDULE (ASX LR 5.3.3)**Terramin Australia Limited****Tenement listing**

Title name and locations	Licence number	Interest
Angas - South Australia	ML 6229	100%
Bremer - South Australia ¹	EL 5924	100%
Cambrai - South Australia ¹	EL 6540	100%
Pfeiffer - South Australia ¹	EL 6228	100%
Tepko - South Australia ¹	EL 6267	100%
Wild Horse - South Australia ³	EL 5846	100%

Terramin Exploration Pty Ltd (100% Terramin)**Tenement listing**

Title name and locations	Licence number	Interest
Bird-in-Hand Mineral Claim	MC 4473	100%
Kapunda - South Australia ¹	EL 6198	100%
Lobethal - South Australia ¹	EL 6447	100%
Mount Barker - South Australia ¹	EL 6154	100%
Mount Pleasant - South Australia ¹	EL 6696	100%
Mount Torrens - South Australia ¹	EL 6319	100%
Ulooloo – South Australia	EL 6293	100%

Western Mediterranean Zinc Spa (65% Terramin)**Tenement listing**

Title name and locations	Licence number	Interest
Oued Amizour - Algeria	6911 PEM	100%

Menninnie Metals Pty Ltd (100% Terramin)**Tenement listing**

Title name and locations	Licence number	Interest
Kolendo - South Australia ²	EL 6413	100%
Menninnie - South Australia ²	EL 5949	100%
Mt Ive - South Australia ²	EL 6200	100%
Mt Ive South - South Australia ²	EL 6412	100%
Mulleroo - South Australia ²	EL 5855	100%
Nonning - South Australia ²	EL 5925	100%
Peltabinna – South Australia ²	EL 6290	100%
Tanner - South Australia ²	EL 6414	100%
Taringa - South Australia ²	EL 6673	100%
Thurlga - South Australia ²	EL 6479	100%
Unalla - South Australia ²	EL 6179	100%

1. Subject to an amalgamated expenditure arrangement with the Department for Energy and Mining (DEM) encompassing the Adelaide Hills tenements.
2. Subject to an amalgamated expenditure arrangement with the Department for Energy and Mining (DEM) encompassing the Menninnie Metals (South Gawler Ranges) tenements.
3. The Wild Horse tenement is subject to an earn-in agreement with Newmont Exploration Holdings Pty Ltd.

CORPORATE AND ENVIROMENTAL PERFORMANCE

Terramin continued to pursue its safety and environmental goals during the quarter. There were no recordable injuries and no instances of non-compliance with relevant safety or environmental regulation or lease conditions.

During the quarter, no equity was issued and no unlisted options were exercised.

The Asipac Group debt facility limit is \$25.9 million, of which \$25.6 million has been drawn as at 31 December 2021.

At 31 December 2021, the Company's total cash balance (including restricted cash on deposit) was \$5.72 million.

This ASX release was approved by the Terramin Board.

For further information, please contact:

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DIRECTORS AND MANAGEMENT

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Executive Chairman

Non-Executive Deputy Chairman

Non-Executive Director

Non-Executive Director

Non-Executive Director

Executive Officer

Company Secretary

CAPITAL STRUCTURE – 31 DECEMBER 2021

Shares on issue

2,116,562,720

Unlisted options

5,000,000

Forward Looking Statements

This announcement includes certain ‘forward looking statements’. All statements, other than statements of historical fact, are forward looking statements that involve various risks and uncertainties. There can be no assurances that such statements will prove accurate, and actual results and future events could differ materially from those anticipated in such statements. Such information contained herein represents management’s best judgement as of the date hereof based on information currently available. Except for statutory liability which cannot be excluded, each of Terramin, its officers, employees and advisors expressly disclaim any responsibility for the accuracy or completeness of the material contained in this document and exclude all liability whatsoever (including in negligence) for any loss or damage which may be suffered by any person as a consequence of any information in this statement or any error or omission. The Company does not assume any obligation to update any forward-looking statement. Accordingly, no person or entity should place undue reliance on any forward looking statement.

Competent Persons Statement

The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr Eric Whittaker (Tala Hamza and Exploration) and Mr Dan Brost (Bird-in-Hand), both being Competent Persons who are Member(s) of The Australasian Institute of Mining and Metallurgy (AusIMM). Mr Whittaker is employed as the Principal Resource Geologist of Terramin Australia Limited and Mr Brost is a geologist consulting to Terramin. Mr Whittaker and Mr Brost have sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as Competent Person(s) as defined in the 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Mr Whittaker and Mr Brost consent to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this report that relates to Ore Reserves is based on information compiled or reviewed by Mr Luke Neesham, a Competent Person who is a Member of The Australasian Institute of Mining and Metallurgy (AusIMM). Mr Neesham is Principal Mining Engineer for GO Mining Pty Ltd a consulting firm engaged by Terramin Australia Limited to prepare mining designs and schedules for the Tala Hamza Feasibility Study. Mr Neesham has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 Neesham consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Appendix 5B

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

Name of entity

Terramin Australia Limited

ABN

67 062 576 238

Quarter ended ("current quarter")

31 December 2021

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	(72)	(346)
(b) development	-	-
(c) production	-	-
(d) staff costs	(125)	(573)
(e) administration and corporate costs	(249)	(1,201)
1.3 Dividends received (see note 3)	-	-
1.4 Interest received	2	8
1.5 Interest and other costs of finance paid	(22)	(83)
1.6 Income taxes paid	-	-
1.7 Government grants and tax incentives	-	67
1.8 Other (provide details if material)	-	-
1.9 Net cash from / (used in) operating activities	(466)	(2,128)
2. Cash flows from investing activities		
2.1 Payments to acquire or for:		
(a) entities	-	-
(b) tenements	-	-
(c) property, plant and equipment	-	-
(d) exploration & evaluation	(121)	(614)
(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	3	760
	(d) investments	-	-
	(e) other non-current assets	8	8
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	(110)	154

3.	Cash flows from financing activities		
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	-	-
3.4	Transaction costs related to issues of equity securities or convertible debt securities	-	-
3.5	Proceeds from borrowings	550	2,250
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):		
	1) Additional bank guarantee raised to support environmental rehabilitation bond increase required by the South Australian Department for Energy and Mining.	-	(360)
	2) Return of bank guarantee after ceasing Adelaide office lease.	-	10
3.10	Net cash from / (used in) financing activities	550	1,900

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.	Net increase / (decrease) in cash and cash equivalents for the period	(26)	(74)
4.1	Cash and cash equivalents at beginning of period	57	105
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(466)	(2,128)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(110)	154
4.4	Net cash from / (used in) financing activities (item 3.10 above)	550	1,900
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	Cash and cash equivalents at end of period	31	31
4.7	Restricted cash on deposit at end of period	5,690	5,690
4.8	Total cash balance at end of period	5,721	5,721

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	31	57
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)	31	57
5.6	Restricted cash on deposit at end of period	5,690	5,690
5.7	Total cash balance at end of period	5,721	5,747

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	-
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>		

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	25,894	25,594
7.2 Credit standby arrangements	-	-
7.3 Other (please specify)	-	-
7.4 Total financing facilities	25,894	25,594
7.5 Unused financing facilities available at quarter end		300
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.	<p>Terramin and its subsidiary, Terramin Exploration Pty Ltd (TZNEX) have secured Facility Agreements with major shareholder Asipac Group Pty Ltd (Asipac) totalling \$25.89m, incorporating the Short-term Facility \$19.89m and the Bird in Hand Facility \$6m. On 10 December 2021, Terramin announced (ASX Announcement: Finance Facility Update) an extension to the total facility limit from \$25.29m to 25.89m. On 23 December 2021, the Company confirmed that it had received an ASX Waiver from Listing Rule 10.1 to the extent necessary to permit the Company to grant security to Asipac over its TZNEX assets (ASX Announcement: Grant of ASX Waiver).</p>	

8. Estimated cash available for future operating activities	\$A'000
8.1 Net cash from / (used in) operating activities (item 1.9)	(466)
8.2 (Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(110)
8.3 Total relevant outgoings (item 8.1 + item 8.2)	(576)
8.4 Cash and cash equivalents at quarter end (item 4.6)	31
8.5 Unused finance facilities available at quarter end (item 7.5)	300
8.6 Total available funding (item 8.4 + item 8.5)	331
8.7 Estimated quarters of funding available (item 8.6 divided by item 8.3)	0.57
<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: Yes	
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: The Company continues to seek support in the short-term from major shareholder Asipac Group Pty Ltd, a long-standing supporter of the Company, to progress its mining lease applications in South Australia and Algeria. Concurrently, discussions with potential financiers / investors continue with a number of financing options currently being considered.	

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: Yes, refer to item 8.8.2 above.

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: 28 January 2022.....

Authorised by: By the Board.....
(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.