

QUARTERLY REPORT FOR THE PERIOD ENDING 31 DECEMBER 2021

31 January 2022

ASX CODE: RWD

DIRECTORS

Colin McCavana
Chairman

Michael Ruane
Executive Director

Rod Della Vedova
Non-Executive Director

MANAGEMENT

Bianca Taveira
Company Secretary

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Highlights

- **Further five holes for 1,147 metres completed in the Officer Basin Potash Project area**
- **Officer Basin Palaeovalley aquifer concept enhanced**
- **Kumpupintil Lake Project financing negotiations continuing**
- **Fortescue JV drilling at Kumpupintil Lake Project early in 2022**

Corporate Activities

Expenditure by Reward Minerals Limited ("Reward" or "the Company") during the December 2021 quarter was approximately \$1.1 million.

A significant portion of expenses related to annual DMIRS Tenement Rentals and Shire Rates which, for the Kumpupintil Lake Project, are due in the December quarter of each year.

Most of the balance was expended on drilling activities at the Officer Basin Potash Project. Minor expenditure was incurred on maintenance of the Company's base camp at Kumpupintil Lake, required for both Officer Basin drilling and the McKay Range Farm-In Joint Venture with Fortescue exploration activities at the Lake.

Available cash at the end of the period was approximately \$3.16 million including the additional \$1 million loan facility provided by Director, Dr M Ruane (see Appendix 5B).

In accordance with ASX Listing Rule 5.3.5, \$17,000 was paid to related parties or their associates during the quarter, comprising wholly of Director fees.

Dr Michael Ruane is continuing as interim CEO pending appointment of a new CEO when available.

Kumpupintil Lake ("KP Lake") Potash Project Activities

As indicated above, on-ground activity at KP Lake was limited to site maintenance works.

The KP Exploration Camp is being utilised as a base for the Company's Officer Basin exploration activities and by FMG Resources Pty Ltd ("Fortescue") for its activities relating to the McKay Range Farm-In Joint Venture with Reward.

Laboratory testwork continued during the period to enhance the Company's SOP recovery flowsheet and to test several alternative low-cost routes for Potash recovery currently undergoing development at the KP Lake Project.

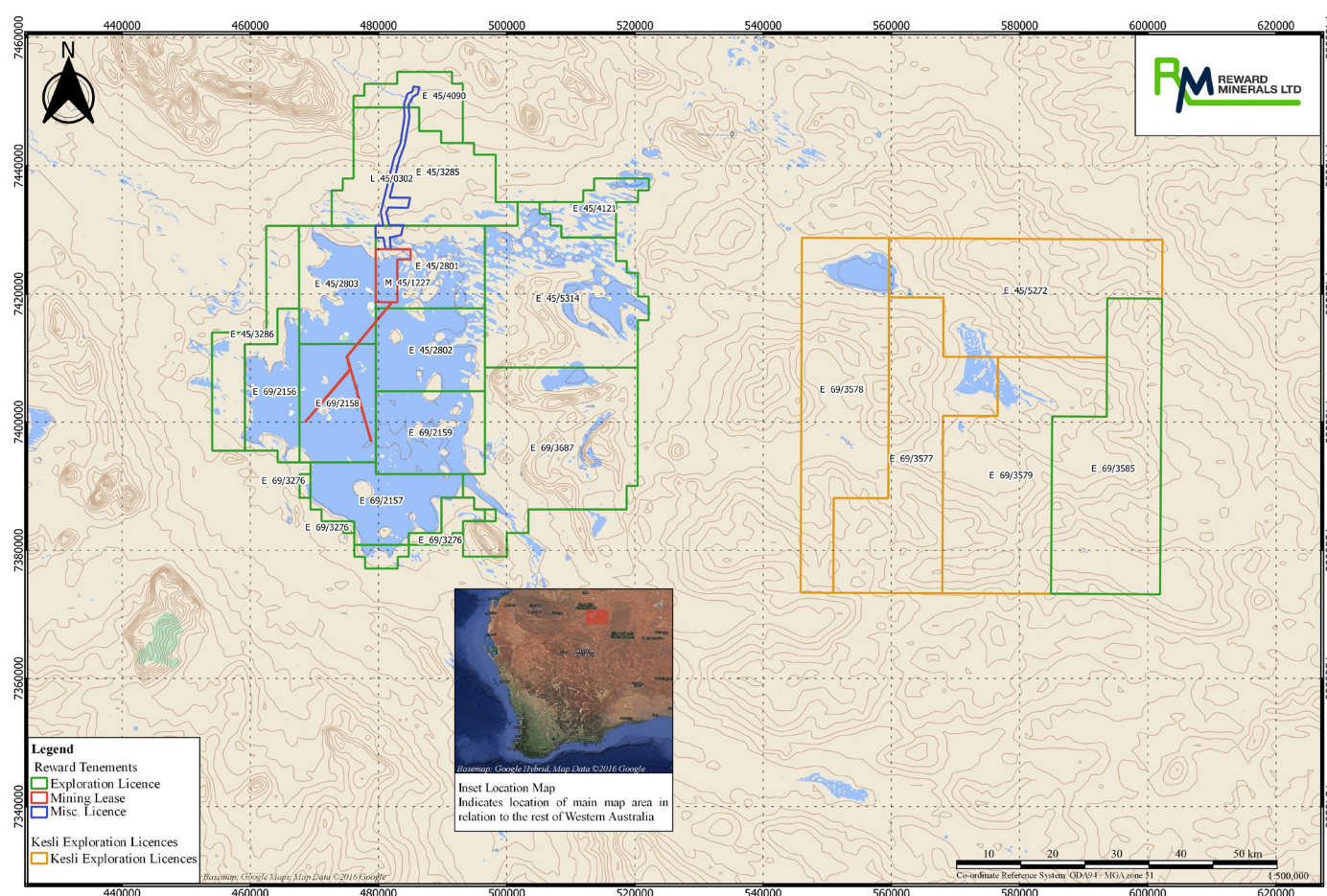
Meanwhile, Reward continues to investigate financing options / Joint Venture routes to advance the development of the KP Lake Project.

The Company also continues its work on the review of the Project's Pre-Feasibility Study ("PFS"). A preliminary review of the PFS material movement parameters has been completed so that an update of engineering, capital and unit operational costs can be sought from the appropriate technical firms. Staffing issues due to COVID-19 restrictions have complicated this part of the exercise, delaying the anticipated completion of the revised PFS.

Officer Basin ("OB") Potash Project Activities

Reward has a large (~3,100 km²) tenement holding in the Officer Basin region located 100 km east of its Kumpupintil Lake Potash Project (Figure 1).

Figure 1. Kumpupintil Lake Potash Project (left) and Officer Basin Potash Project (right) Tenements



The OB exploration concept is based on the potential for Potash mineralisation to occur at shallow depths in the Browne Formation evaporites, known to cover a very large area in the Officer Basin.

Five further drill holes were completed between August and December 2021. Two of these were drilled as part of the 2020 Phase 1 program, including a re-drill of OB004 (OB004B) and OB005, which also required a re-drill (OB005B) due to technical issues encountered during drilling.

OB006 – OB008 were subsequently drilled during the December quarter as part of the OB Phase 2 drilling program, following receipt of Heritage Clearance in October 2021 (see ASX Release 21 January 2022).

All holes were executed using mud rotary drilling techniques for a total of 1,147 metres.

The purpose of the drilling was to follow up on significant, Potash-rich brine flows encountered previously in holes OB001 – OB004 drilled during 2020 (see ASX Release 27 January 2021).

Locations of drill holes and chemical analyses of brines recovered by airlifting techniques are provided in Tables 1 and 2 respectively. A Location Plan is provided in Figure 2.

Table 1. Drill Hole Collar information for 2021 drilling at Officer Basin

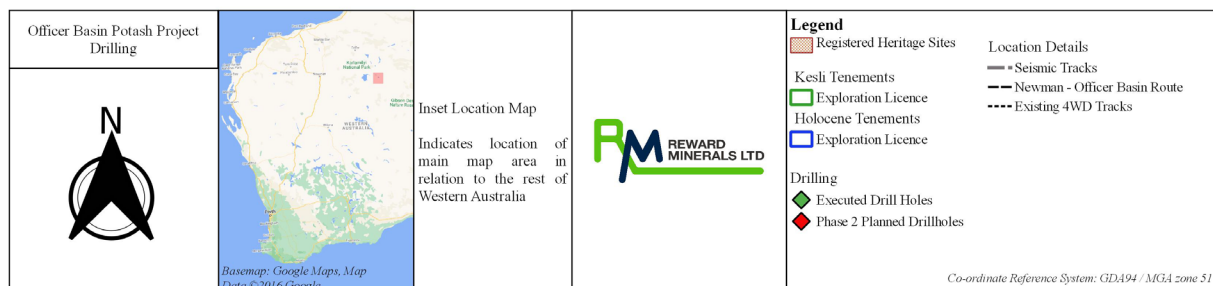
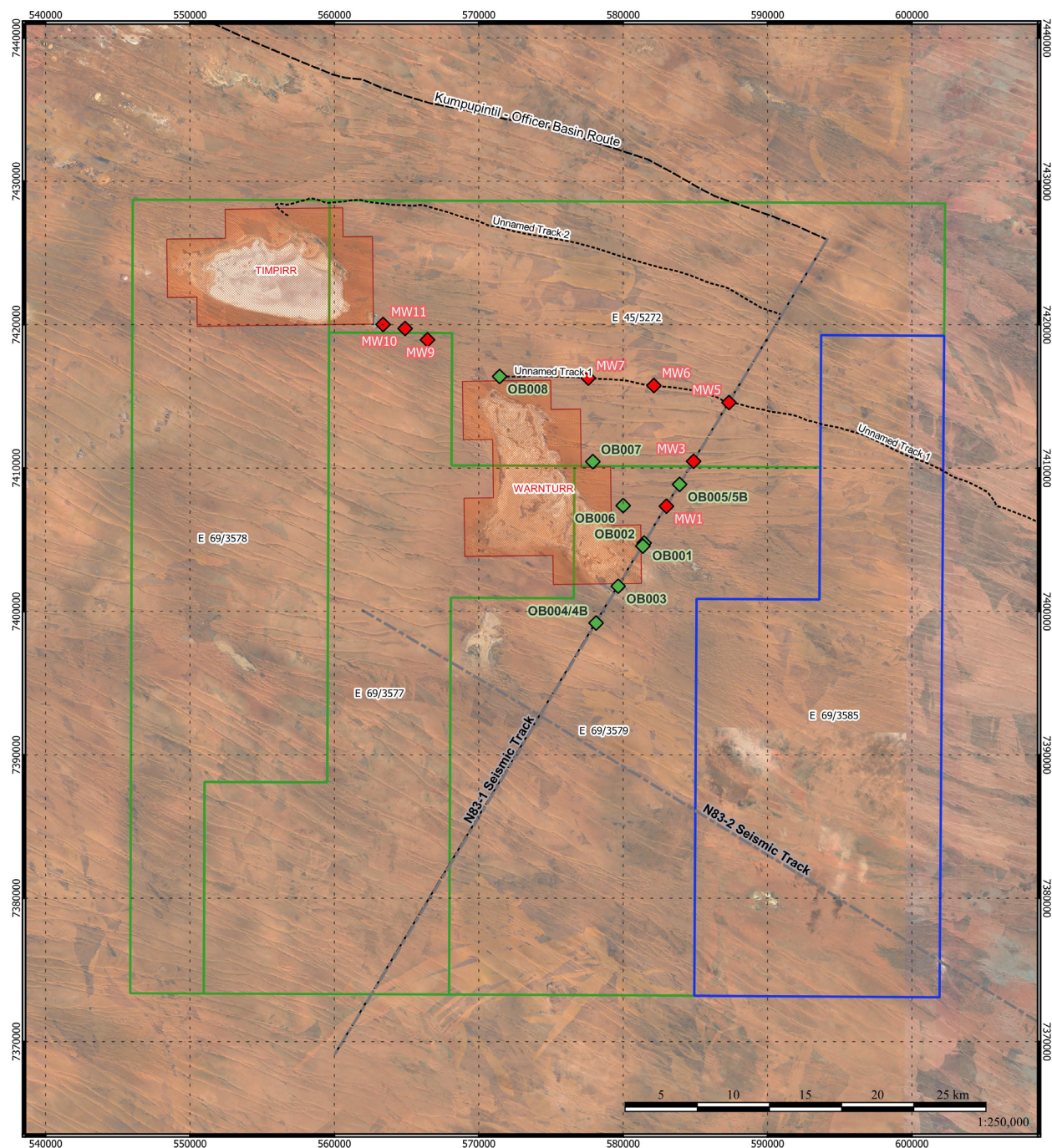
Drilling Program	Hole ID	Easting (MGA Zone 51)	Northing (MGA Zone 51)	Elevation (masl)	Hole Depth (m)	Dip (°)	Azimuth (°)
Phase 1 (2020 - 2021)	OB004B	578125	7399201	350	216	90	360
	OB005B	583907	7408866	363	276	90	360
Phase 2 (2021)	OB006 (MW2)	580001	7407389	342	231	90	360
	OB007 (MW4)	577900	7410454	337	222	90	360
	OB008 (MW8)	571443	7416392	346	202	90	360

Table 2. Geochemical Assay Results for 2021 drilling at Officer Basin

Drilling Program	Hole ID	Hole Depth (m)	Sample Depth (m)	Ca (mg/l)	K (mg/l)	Mg (mg/l)	Na (mg/l)	SO ₄ (mg/l)	Cl (mg/l)	Specific Gravity	Total Dissolved Ions*
Phase 1 (2020 - 2021)	OB004B	216	40	1525	450	600	46275	8100	74230	1.085	131180
	OB005B	276	276	113	590	67	1937	1770	3337	1.000	7814
Phase 2 (2021)	OB006 (MW2)	231	32	325	430	292	3748	3870	5190	1.006	13855
			219	700	570	96	2374	3690	3320	1.003	10750
			225	785	500	96	2166	3810	3010	1.003	10367
	OB007 (MW4)	222	39	455	330	464	12690	4500	20650	1.023	39089
			222	640	460	658	18030	6030	29120	1.034	54938
			196	910	430	668	16570	5460	27610	1.028	51648
	OB008 (MW8)	202	202	900	1480	1526	58300	13470	92620	1.107	168296
			202	940	1500	1590	60560	14400	97940	1.114	176930

*Total Dissolved Ions numbers quoted correspond to the sum of the ion concentrations of columns 5 – 10 in Table 2. This figure may differ somewhat from Total Dissolved Solid (TDS) figures. To convert K values to SOP multiply by 2.228.

Figure 2. Officer Basin executed and planned drill holes as of January 2022, located just 100km east of Reward's JORC-defined SOP Resource of Kumpupintil Lake.



Officer Basin Exploration Results Summary

The 2021 drilling at Officer Basin confirms substantial groundwater presence in the area/s drilled to-date.

However, generally the tenor of dissolved salts in the groundwater recovered from the latest drill holes was disappointing, considering the much higher Total Dissolved Ion (TDI) content of brines encountered in holes OB001 – OB004 during 2020.

While it appears that near-surface groundwater is relatively fresh and that TDI generally increases with depth, the drilling crew experienced great difficulty in isolating the upper, freshwater aquifers from deeper aquifers of significantly higher salinity. Thus, it is difficult to quantify the dilution effect on deeper groundwater by shallower inflow during the process of pumping and subsequent airlift recovery despite efforts to isolate the different aquifer horizons.

Ground conditions including running sands underlain by dense clay formations made drilling difficult with frequent loss of mud circulation and drilling equipment getting stuck or lost downhole on a regular basis.

Results of the Officer Basin Potash Project to-date provide the following indications:

1. Drilling of the deeper holes OB001 and OB002 (cored to 419.45m and 705.6m respectively) failed to return solid evaporites containing water-soluble potash salts. Core analysis of OB002 to include formation dating to confirm whether the targeted rock sequences were in fact reached, has yet to be finalised. These dating results may provide a guide as to whether deeper drilling to penetrate the Browne Formations sediments is warranted.
2. The shallower drilling executed in 2021 in holes OB005 – OB008 and limited groundwater recovery trials support Reward's view that a large palaeovalley system runs from (at least) OB001/OB002 in the east across the Warnturr and Timpirr Lakes corridor to the west, a distance of >40km. The low-density tenor of groundwater in recent holes OB005, OB006 and OB007 suggests that these holes are located on the margins of the postulated palaeovalley aquifer. OB008 demonstrated a significant Potash content in groundwater drawn from the bottom of hole at 202 metres. Potassium analysis of 1.49kg/m³ and sulphate of 13.9kg/m³ are regarded as encouraging (SOP equivalent of 3.3kg/m³ of brine).

Future Works at Officer Basin

Reward believes that a substantial water and brine palaeovalley exists in the area where holes OB001 – OB008 have been drilled to-date.

Based on that assumption, Reward proposes to conduct a geophysical Passive Seismic Survey, both across and perpendicular to the postulated flow direction of the palaeovalley. Survey lines will effectively run parallel to Seismic Line N83-1 (see Figure 2).

Passive seismic is a relatively low-cost, non-ground disturbing technique used extensively in Western Australia to define depth of cover, shallow stratigraphy and direction and depth of palaeovalley water and brine resources for mining and other (Potash) operations. Follow-up drilling has confirmed the effectiveness of the method in other regions.

The implementation of the Passive Seismic Survey will require approval from WDLAC and the Martu Traditional Owners in order to gain access to the Warnturr and Timpirr Lake areas which are of Cultural Significance to the Martu and are Registered Sites under the Aboriginal Heritage Act 1972 (see Figure 2). Reward will seek to discuss access considerations prior to any further planning of geophysical survey activities.

McKay Range Farm-In Joint Venture ("JV")

Late in 2019, Reward executed a Farm-In Exploration Joint Venture with FMG Resources Pty Ltd ("Fortescue") covering Reward's Exploration Licences 45/3285 and 45/4090 which form part of the Kumpupintil Lake Potash Project – see Figure 3.

Fortescue retain the right to earn an 80% interest in the Reward tenements by expenditure of \$2 million over four years. Reward retains 100% Potash Rights over E45/3285 and E45/4090 and over the two adjoining Fortescue tenements E45/5362 and E45/5360. For further details of the Agreement see ASX Release 13 November 2019.

Works on the Farm-In to date include helicopter VTEM geophysical survey, regolith mapping, ground gravity survey, passive seismic survey and surface sampling (soil, lag rock chip).

Activities by Fortescue during the December quarter on the McKay Range JV focused on review of recently returned assays for surface samples collected earlier in the year. Archaeological and ethnographic surveys for the drilling program were conducted in early October 2021. However, planned drilling works for this period (see Figure 4) have been delayed until early in the 2022 field season.

Figure 3. Map of the McKay Range Farm-In Joint Venture and Potash Rights Tenements

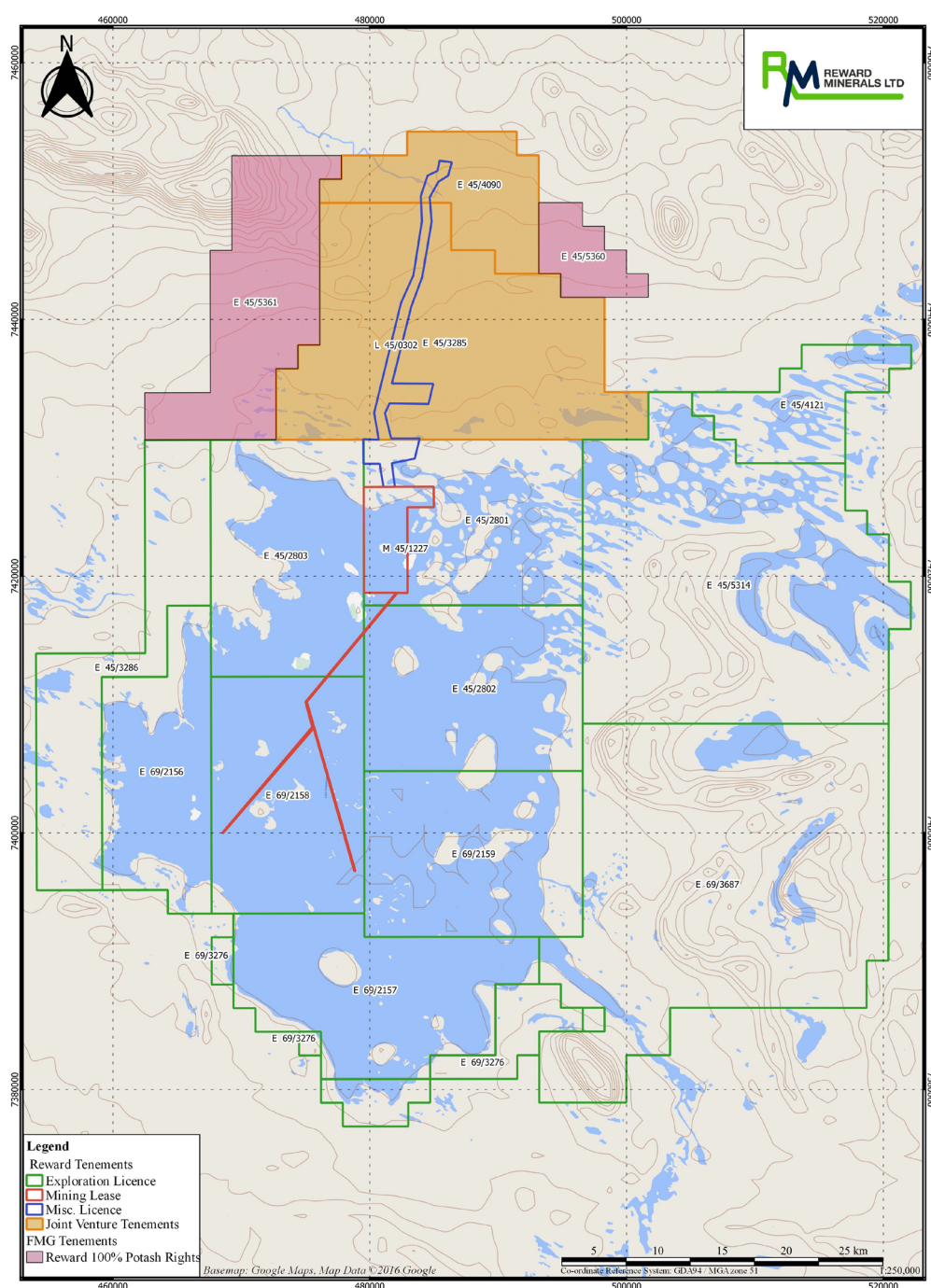
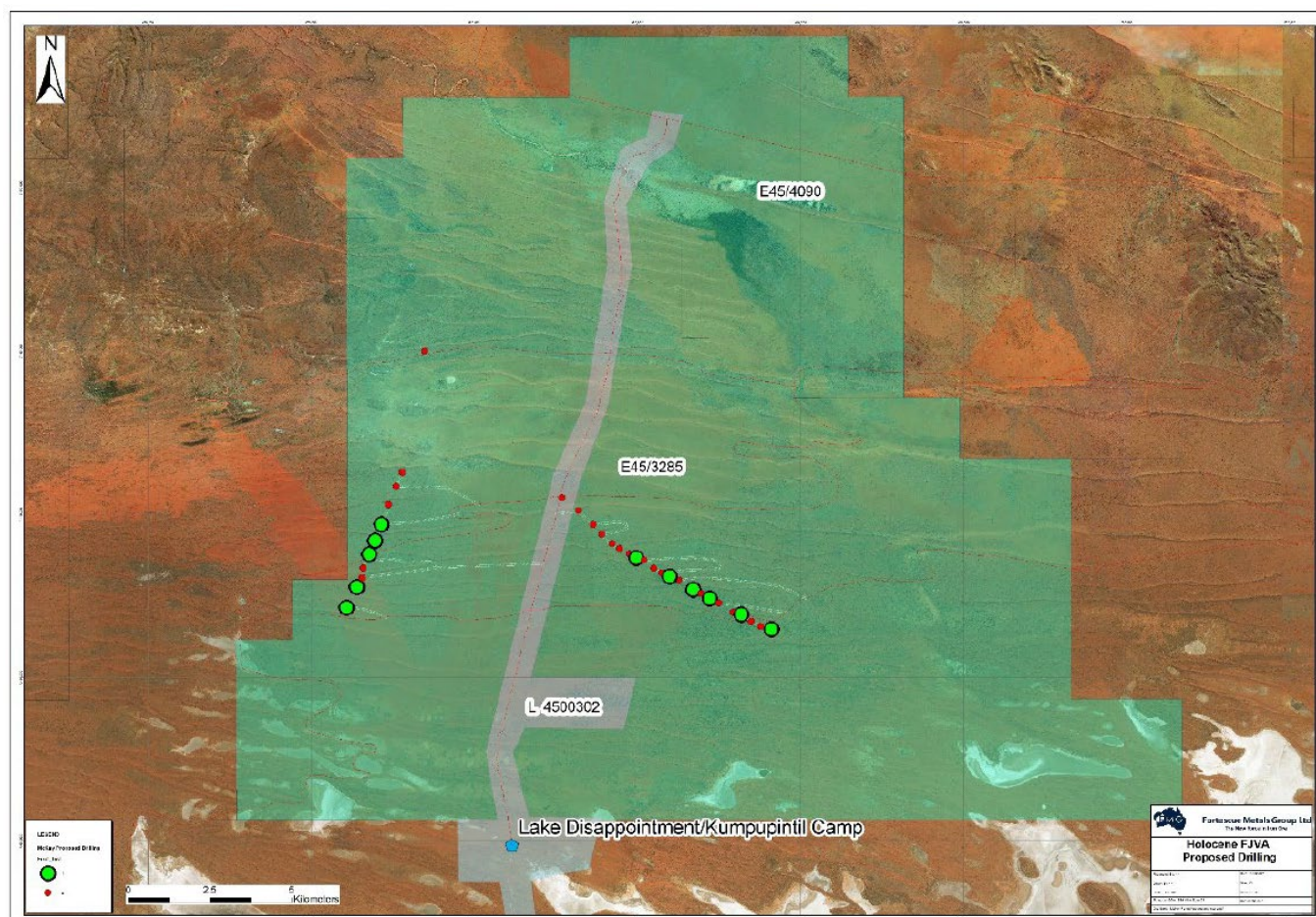


Figure 4. Map of Fortescue's proposed drilling on the McKay Range Farm-In Joint Venture tenure (E45/3285 and E45/4090). Green points priority 1.



Authorised for release by the Board of Reward Minerals Ltd

For further information please contact:

Michael Ruane

Executive Director

About Reward

Reward is an ASX-listed advanced-stage sulphate of potash exploration and development company. Reward's flagship is its 100%-owned Kumpupintil Lake Potash Project, located east of Newman in north-western Western Australia. The Project hosts Australia's largest high-grade brine SOP deposit in a region with the highest evaporation rate. Key environmental approvals are in place and development can commence on completion of final feasibility studies, secondary regulatory approvals and achievement of funding.

Reward completed a detailed, conservative Pre-Feasibility Study which was updated with improved logistics in July 2018. An Indigenous Land Use Agreement is in place with the Martu people, traditional owners of the land upon which Kumpupintil Lake is situated.

Forward-Looking Statements

This document may contain certain "forward-looking statements". When used in this document, the words such as "could", "plan", "estimate", "expect", "intend", "may", "potential", "should", and similar expressions are forward-looking statements. Although Reward believes that the expectations reflected in these forward-looking statements are reasonable, such statements involve risks and uncertainties, and no assurance can be given that actual results will be consistent with these forward-looking statements.

For a more detailed discussion of such risks and uncertainties, see Reward's other ASX Releases, Presentations and Annual Reports. Readers should not place undue reliance on forward-looking statements. Reward does not undertake any obligation to release publicly any revisions to any forward-looking statement to reflect events or circumstances after the date of this ASX Release, or to reflect the occurrence of unanticipated events, except as may be required under applicable securities laws.

Exploration Results – Competent Persons Statement

The information in this report that relates to Exploration Results, Brine Assays and Analyses is based on information compiled by Dr Michael Ruane, a Competent Person who is a Member of The Royal Australian Chemical Institute. Dr Ruane is an Executive Director of Reward Minerals. Dr Ruane 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'. Dr Ruane consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

Tenement Holdings as at 31 December 2021 (See Figure 1)

Tenement	Status	RWD Ownership at Quarter End	% Interest Acquired During the Quarter	% Interest Disposed During the Quarter
Kumpupintil Lake, Western Australia				
E45/2801	Granted	100%	-	-
E45/2802	Granted	100%	-	-
E45/2803	Granted	100%	-	-
E45/3285 ¹	Granted	100%	-	-
E45/3286	Granted	100%	-	-
E45/4090 ¹	Granted	100%	-	-
E45/4121	Granted	100%	-	-
E69/2156	Granted	100%	-	-
E69/2157	Granted	100%	-	-
E69/2158	Granted	100%	-	-
E69/2159	Granted	100%	-	-
E69/3276	Granted	100%	-	-
L45/302	Granted	100%	-	-
M45/1227	Granted	100%	-	-
E45/5314	Granted	100%	-	-
E69/3687	Granted	100%	-	-
Officer Basin, Western Australia				
E45/5272 ²	Granted	100%	-	-
E69/3577 ²	Granted	100%	-	-
E69/3578 ²	Granted	100%	-	-
E69/3579 ²	Granted	100%	-	-
E69/3585	Granted	100%	-	-
Balfour, Western Australia				
L46/128	Pending	100%	-	-
Dora, Western Australia				
E45/4321	Pending	100%	-	-
E45/4488	Pending	100%	-	-

Notes:

1. Farm-in and Joint Venture Agreement with Fortescue Metals Group Ltd ("Fortescue") to earn an 80% joint venture interest ("JV interest") in the Tenements by spending \$2 million over four years, with a minimum expenditure obligation of \$400,000. Once the \$2 million expenditure threshold has been met, a Joint Venture will be established after which both parties will either contribute to expenditure in accordance with their respective JV interests or dilute. If a party's JV interest falls below 5%, that party's JV interest will be converted to a 1% net smelter return royalty to be paid over the first five years of commercial production.
2. Officer Basin Tenements are Registered under Kesli Chemicals Pty Ltd, which holds 100% beneficial interest in its Tenements on behalf of Reward Minerals Ltd.

Appendix 5B

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

Name of entity

REWARD MINERALS LTD

ABN

50 009 173 602

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	63	200
1.2	Payments for		
	(a) exploration & evaluation	(1,109)	(2,237)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(20)	(294)
	(e) administration and corporate costs	(64)	(514)
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	-	268
1.8	Other – net GST (paid) / refunded	16	(13)
1.9	Net cash from / (used in) operating activities	(1,114)	(2,590)

2.	Cash flows from investing activities		
2.1	Payments to acquire or for:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	(15)
	(d) exploration & evaluation	-	-
	(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	-	(15)

3.	Cash flows from financing activities		
3.1	Proceeds from issues of equity securities (excluding convertible debt securities)	-	128
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	-	(15)
3.5	Proceeds from borrowings	1,000	1,000
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	1,000	1,113

4.	Net increase / (decrease) in cash and cash equivalents for the period		
4.1	Cash and cash equivalents at beginning of period	3,274	4,652
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(1,114)	(2,590)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	(15)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	1,000	1,113

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	3,160	3,160

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	3,160	3,274
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)	3,160	3,274

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	17
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	2,300	2,300
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	Total financing facilities	2,300	2,300
7.5	Unused financing facilities available at quarter end		0
7.6	<p>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> <p>In September 2019, Dr M Ruane, Reward's Executive Director, agreed to loan the Company \$1 million. During the September 2020 quarter, Dr M Ruane agreed to further loan the Company \$300,000. In December 2021, an additional \$1 million was loaned to the Company by Dr M Ruane. The loan is unsecured, on reasonable arm's length terms and attracts interest at 7.5% per annum payable quarterly in arrears. The total facility of \$2.3 million is fully drawn down.</p>		

8.	Estimated cash available for future operating activities	\$A'000
8.1	Net cash from / (used in) operating activities (item 1.9)	(1,114)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	-
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(1,114)
8.4	Cash and cash equivalents at quarter end (item 4.6)	3,160
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	3,160
8.7	Estimated quarters of funding available (item 8.6 divided by item 8.3)	2.8
	<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

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: 31 January 2022

Authorised 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.