EMETALS
LIMITED

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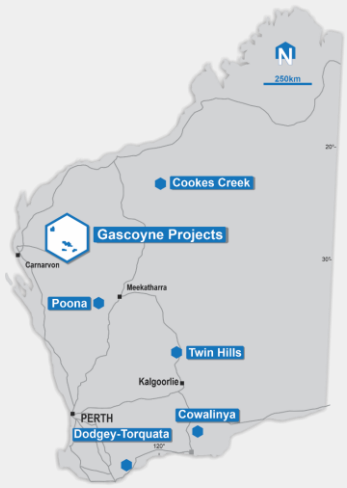
Issued Capital (ASX Code: EMT)

425,000,000 Ordinary Shares

35,000,000 Unquoted options exercisable at $0.05 on or before 31 December 2022



25 October 2021

QUARTERLY ACTIVITIES REPORT TO 30 SEPTEMBER 2021

The Directors of eMetals Limited (**ASX:EMT**)(**eMetals**)(**Company**) are pleased to submit the Quarterly Activities Report and Appendix 5B for the quarter ending 30 September 2021.

HIGHLIGHTS

- High grade gold in latest Twin Hills RC drilling with discovery hole **5m @ 23.67g/t Au from 62m**
- **Drilling was completed** at the Poona Project which hosts the Mughal Nickel Prospect and the Raj Tantalum Prospect, with a total of 7 RC holes for 860 metres drilled.
- Samples have been submitted to the laboratory and results are pending.

TWIN HILLS GOLD PROJECT

The Twin Hills Project consists of a single granted exploration license (E29/950) located approximately 30 km north east of Menzies and 150km north of Kalgoorlie in the Eastern Goldfields of Western Australia. The tenement covers an area of approximately 30 km^2 and extends over about 10 km of strike of the greenstone sequence that hosts the excised historical Twin Hills gold mine. The tenement covers the north and south extension of the shear zone which is the interpreted host of mineralisation at Twin Hills.

The Company's initial round of RC drilling in February 2021 returned significant gold mineralisation from several holes, with previously reported best results of:

- **THRC008 12m @ 0.62ppm from 40m, and 1m @ 4.10ppm from 44m, and 2m @ 2.24ppm from 49m**
- **THRC014 3m @ 1.97ppm from 44m**
- **THRC015 1m @ 4.4g/t from 32m**

Based on the mineralisation discovered to date and the sparse drill spacing, EMT drilled a further 25 aircore holes (using RC hammer where appropriate) to ~40m depth and followed up the initial RC results with a further 6 RC holes for 550m drilled to test around the initial discovery holes. Refer to the ASX release dated 4 August 2021 for a list of all drill hole details.

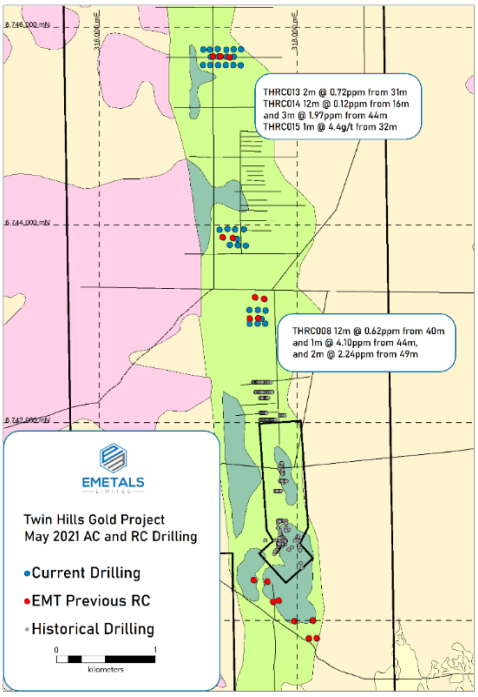


Figure 1 Twin Hills Aircore & RC Completed in May

RC holes were sampled on a 1m basis and assayed via aqua regia digest. Aircore holes were sampled by scoop on a 4m basis and assayed via aqua regia digest.

Results

Significant results for the RC holes are reported below:

THRC018	**1m @ 1.22g/t Au from 32m**
THRC021	**5m @ 23.67g/t Au including 1m @ 113.47g/t Au from 62m**
THRC022	**2m @ 0.78g/t Au from 64m**
	2m @ 0.84g/t Au from 88m

Significant results for the AC holes are considered to be >4m at >0.1g/t Au. These results are from composite samples and have not been resampled on a 1m basis.

THAC009	**8m @ 0.31g/t Au from 52m**
THAC013	**4m @ 0.13g/t Au from 36m**
	12m @ 0.23g/t Au from 48m
THAC016	**4m @ 0.12g/t Au from 56m**

Results show anomalous gold in fresh amphibolite and granitoid with numerous assays reporting in excess of 100ppb Au. The high grade result in THRC021 occurs within a sheared porphyry dyke and amphibolite. The orientation of mineralization is unknown at this stage however the anomalous zone is interpreted to strike NW-SE and potentially plunge to the southeast below THAC009 (8m @ 0.31g/t Au).

Further work is required to define the orientation, continuity and depth of the high grade gold on the Project. EMT is planning a further round of infill and extensional drilling along the southern and northern extent of the mineralized zone.

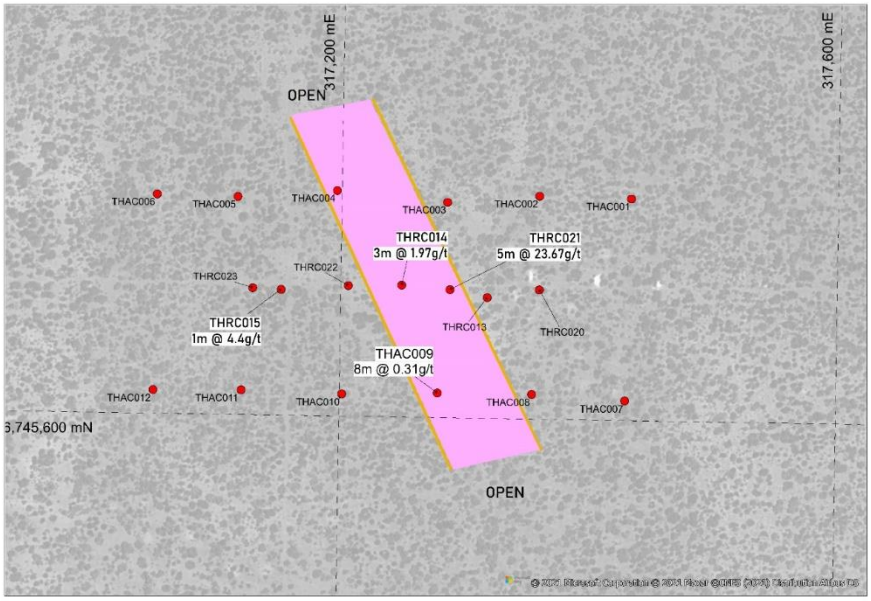


Figure 2 Twin Hills RC and AC drilling results June 2021

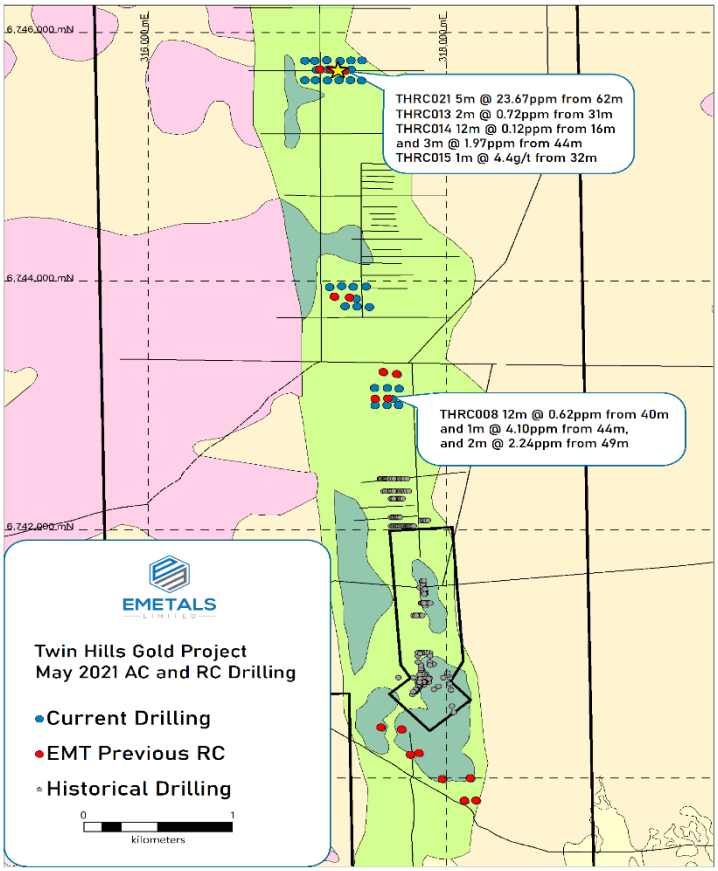


Figure 3 Twin Hills Aircore & RC Completed in May

POONA NICKEL AND COPPER PROJECT

The Mughal Prospect is a greenfields nickel, copper and platinum group element prospect which eMetals Limited has developed on its 90% owned Poona Project, near Cue, Western Australia.

Evidence of potential nickel sulphide mineralization has been developed from soil sampling over mafic and ultramafic rocks carried out in 2020. Soil anomalies have been defined over approximately 9 kilometres of stratigraphy, with highly coincident geochemistry up to 0.15% Ni, 240ppm Cu, 380ppm Co and 114ppb PGE's overlying lateritised ultramafic rocks.

Mapping of the Mughal Prospect area has identified a series of gabbro, pyroxenite and olivine cumulate ultramafic rocks intruding into strongly deformed mafic metasediments ('amphibolite'). eMetals geologists interpret the arrangement of these rock types, and textures as indicative of a mafic-ultramafic intrusive complex, or 'layered intrusion' dubbed the Mindoola Bore Intrusion. This intrusion continues for ~20 kilometres along strike and is cut into three major lobes by a series of late thrusts. The majority of the intrusion is located on E20/885, as depicted in Figure 4.

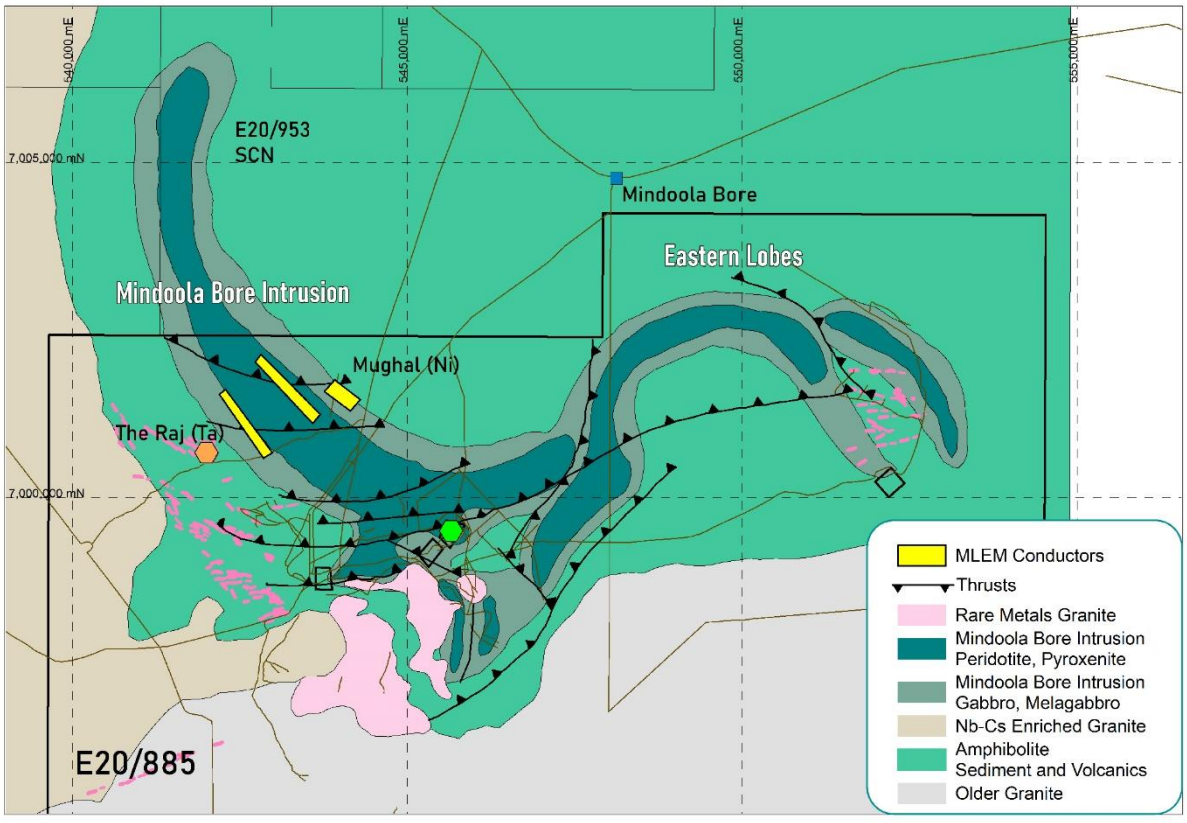


Figure 4 EMT interpretation of the Mindoola Bore Intrusion and MLEM anomalies

The Mindoolah Bore Intrusion is assumed to dip subvertically or to the north and is composed of a marginal sequence of cumulate gabbro with a core of ultramafic rocks (pyroxenite and

peridotite) which appears to be reversely zoned, transitioning from melagabbro, pyroxenite to harzburgite-peridotite in the core.

Mineralisation in such intrusions can often form as either disseminated to matrix textured ore in the ultramafic portions or as marginal massive and semi-massive breccia dykes or remobilised massive sulphides. The latter would match the position of the Mughal EM anomaly and the former may explain the stratigraphic conductive zones noted in the MLEM survey. These are coincident with the identified Ni-Cu-Co-PGE soil anomalies.

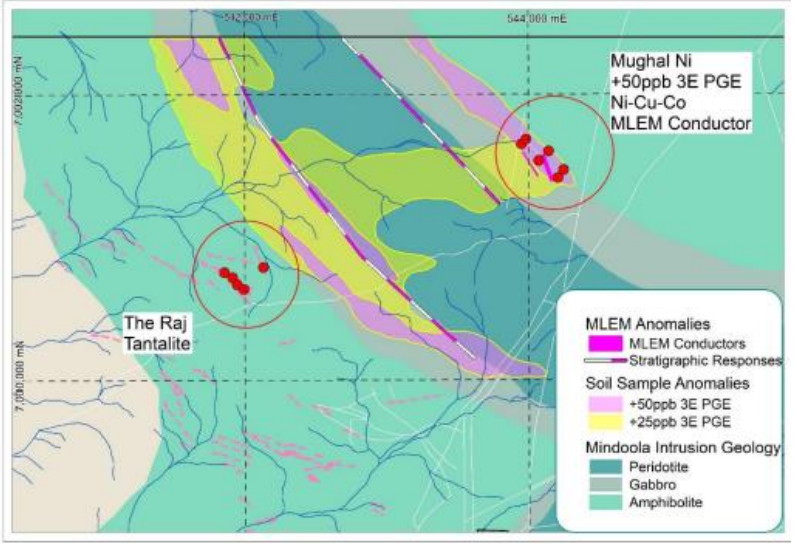


Figure 5 Preliminary MLEM conductor, stratigraphic targets, and planned tantalite drilling at The Raj, Mughal Prospect

During the September quarter, eMetals Limited completed six reverse circulation (RC) drill holes targeting the discrete conductor identified from Moving Loop EM. Four RC holes for 681 metres were drilled at the Mughal target and 2 RC holes for 179 metres were drilled at Raj. (See Appendix One) Results will be reported as they become available with the Company experiencing laboratory delays due to industry wide activity.

THE RAJ TANTALITE PROSPECT

The Raj Prospect is a swarm of tantalite bearing pegmatites hosted within amphibolite and metasediment where previous reconnaissance results had shown a swarm of feldspar-quartz mica pegmatites up to 400m in length contained up to 0.1% Ta2O5 (see ASX release dated 12 November 2020.

GASCOYNE RARE METALS PROJECTS

No work was conducted on the Gascoyne Rare Metals Projects during the quarter.

COWALINYA REE PROJECT

No work was conducted on the Cowalinya REE Project during the quarter.

EMETALS
LIMITED

CORPORATE

CATEGORY	ASX CODE	NUMBER
Issued Ordinary Shares	EMT	425,000,000
Options ($0.05 – 31 Dec 2022)	Unlisted Options	35,000,000

The Company engages Cicero Group Pty Ltd for accounting, administrative and company secretarial services at $6,000 per month (exclusive of GST). Mr Mathew Walker is a shareholder in Cicero Group Pty Ltd as disclosed in the Prospectus lodged on 5 November 2019. Payments of monthly and accrued Director fees, superannuation and provision of administration/consulting services totaled $42,345 during the September quarter.

eMetals provides the following disclosures required by ASX Listing Rule 5.3.4 regarding a comparison of its actual expenditure to date since listing on 24 January 2020 against the "use of funds" statement in its Prospectus dated 5 November 2019.

EXPENDITURE ITEM	2 Year Use of Funds $'000	SEP Q Use of Funds[1] $'000	Actual SEP Q 5B $'000	Variance $'000	Notes and Expenditure details
Expenses of the Offer	$311	$-	$-	$-	No costs incurred during quarter.
Exploration Program costs and AMI	$3,200	$236	$459	$223	• Logistics planning, reconnaissance and geological mapping • Geochemical sample collection (rock chip and soils) • Geophysical programs • RC Drilling Program • Sample transport and assay Analysis and reporting • Technical geologist and consultants. • Tenement legal, administration, reporting and management
Acquisition costs and deposit	$50	$-	$-	$-	Tenement applications and acquisitions.
Administration, Corporate and working capital	$982	$94	$152	$58	• Staff Costs • Legal expenses • Compliance and listing fees • Marketing and IR • Accounting and Company secretarial
Other	$-	$-	-$	-$351	GST BAS Refund and sale from available for sale assets.

[1] The use of funds is allocated on a budgeted basis to which expenditure incurred will be dependent on timing factors, resourcing, sequence & priority of work programs and impact of external economic & operational factors.

TENEMENT SCHEDULE AND UPDATES

During the September Quarter, the following tenements were granted;
E20/963 Kyarra, E20/964 Kyarra West, E09/2463 Eudamullah and E09/2464 Willi Creek.

Tenement	Project	Interest (%)	Current Area	Grant Date	App Date	Expiry Date
E20/0854	CALLIE SOAK	100	6	9/09/2016	15/05/2014	8/09/2021
E09/2114	NARDOO WELL	100	42	28/08/2015	8/08/2014	27/08/2025
E29/0950	TWIN HILLS	100	10	23/09/2015	26/02/2015	22/09/2025
E20/0885	POONA	90	50	26/07/2016	1/10/2015	Renewal lodged
E09/2156	YINNETHARRA	100	35	6/02/2017	23/10/2015	5/02/2022
E46/1095	COOKES CREEK	100	13	5/04/2017	13/11/2015	4/04/2022
E20/0896	POONA	100	32	9/10/2017	11/02/2016	8/10/2022
E46/1163	COOKES CREEK	100	3	8/02/2018	25/05/2017	7/02/2023
E09/2302	PYRAMID HILL	100	34	13/03/2019	6/03/2018	12/03/2024
E09/2358	NARDOO WEST	100	35	18/05/2020	31/07/2019	17/05/2025
E20/0963	KYARRA	100	67	1/07/2021	5/06/2020	30/06/2026
E20/0964	KYARRA	100	148	1/07/2021	5/06/2020	30/06/2026
E63/2049	DEMPSTER	100	26	21/09/2020	6/07/2020	20/09/2025
E09/2463	LYONS	100	28	-	21/10/2020	-
E09/2464	LYNDON	100	69	-	21/10/2020	-
E20/0976	MEKA	100	19	-	26/10/2020	-
E63/2066	FITZGERALD	100	31	10/12/2020	26/10/2020	9/12/2025
E70/5654	KENT	100	9	23/12/2020	5/11/2020	22/12/2025
E09/2472	LYONS	100	40	-	18/11/2020	-

This announcement has been authorised by the Board of eMetals Limited.

For, and on behalf of, the Board of the Company
Mathew Walker
Director
EMETALS Limited

-ENDS-

Shareholders and other interested parties can speak to Mr Sonu Cheema if they have any queries in relation to this announcement: +618 6489 1600.

Forward looking statements
This announcement contains forward-looking statements which are identified by words such as 'may', 'could', 'believes', 'estimates', 'targets', 'expects', or 'intends' and other similar words that involve risks and uncertainties. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions regarding future events and actions that, as at the date of this announcement, are expected to take place. Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, the directors and our management. We cannot and do not give any assurance that the results, performance or achievements expressed or implied by the forward-looking statements contained in this prospectus will actually occur and investors are cautioned not to place undue reliance on these forward-looking statements. We have no intention to update or revise forward-looking statements, or to publish prospective financial information in the future, regardless of whether new information, future events or any other factors affect the information contained in this announcement, except where required by law. These forward looking statements are subject to various risk factors that could cause our actual results to differ materially from the results expressed or anticipated in these statements.

Competent Persons Statement
The information in this announcement that relates to Exploration Results is based on and fairly represents information and supporting documentation prepared by Mr Simon Coxhell. Mr Coxhell is a consultant geologist for eMetals and a member of the Australian Institute of Mining and Metallurgy. Mr Coxhell has sufficient experience relevant to the styles of mineralisation and types of deposits which are covered in this announcement and to the activity which they are 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' ("JORC Code"). Mr Coxhell consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.

ASX Listing Rules Compliance

In preparing the Quarterly Report for the period ended 30 September 2021 and to date, the Company has relied on the following ASX announcements.

ASX Announcement	3/09/2021	DRILLING COMMENCES AT THE POONA PROJECT
ASX Announcement	4/08/2021	HIGH GRADE GOLD RESULTS ON TWIN HILLS PROJECT
ASX Announcement	29/07/2021	QUARTERLY ACTIVITIES REPORT AND APPENDIX 5B JUN 2021
ASX Announcement	15/06/2021	EXPLORATION UPDATE
ASX Announcement	27/04/2021	QUARTERLY ACTIVITIES REPORT AND APPENDIX 5B MAR 2021
ASX Announcement	12/04/2021	EXPLORATION UPDATE
ASX Announcement	29/03/2021	EXPLORATION UPDATE
ASX Announcement	25/02/2021	HIGH GRADE GOLD IN MAIDEN DRILLING AT TWIN HILLS
ASX Announcement	11/02/2021	THE RAJ DELIVERS EXCEPTIONAL TANTALUM RESULTS
ASX Announcement	4/02/2021	ACQUISITION OF COWALINYA IONIC RARE EARTH PROJECT
ASX Announcement	29/01/2021	QUARTERLY ACTIVITIES REPORT AND APPENDIX 5B DEC 2020
ASX Announcement	8/12/2020	EMETALS LIMITED INVESTOR PRESENTATION
ASX Announcement	12/11/2020	SIGNIFICANT NICKEL AND RARE METAL RESULTS AT POONA PROJECT
ASX Announcement	30/10/2020	QUARTERLY ACTIVITIES REPORT AND APPENDIX 5B SEP 2020
ASX Announcement	19/10/2020	ADDITIONAL GOLD ANOMALIES DEFINED AT TWIN HILLS GOLD PROJECT
ASX Announcement	28/06/2020	ANNUAL REPORT 30 JUNE 2020
ASX Announcement	04/08/2020	AUGER PROGRAM CONFIRMS TARGETS AT TWIN HILLS GOLD PROJECT
ASX Announcement	30/07/2020	QUARTERLY ACTIVITIES REPORT AND APPENDIX 5B JUN 2020
ASX Announcement	02/07/2020	NEW TUNGSTEN, NIOBIUM AND RARE EARTH ANOMALIES DISCOVERED
ASX Announcement	18/06/2020	POONA PROJECT - COMPLETION OF ACQUISITION AND SETTLEMENT
ASX Announcement	11/06/2020	POONA PROJECT ACQUISITION FROM VENUS METALS CORPORATION
ASX Announcement	29/05/2020	EXPLORATION PROGRESS REPORT
ASX Announcement	14/05/2020	FURTHER EXPLORATION RESULTS - EXPLORATION RECOMMENCES
ASX Announcement	29/04/2020	QUARTERLY ACTIVITIES REPORT AND APPENDIX 5B MAR 2020
ASX Announcement	27/04/2020	EXPLORATION RESULTS
ASX Announcement	24/03/2020	PROSPECTUS
ASX Announcement	16/03/2020	NARDOO HILL TENEMENT ACQUISITION
ASX Announcement	16/03/2020	VMC: AGREEMENT TO SELL NARDOO HILL TENEMENT
ASX Announcement	9/03/2020	NARDOO WELL EXPLORATION UPDATE
ASX Announcement	5/11/2019	PROSPECTUS

Compliance Statement

This report contains information extracted from reports cited herein. These are available to view on the website. In relying on the above ASX announcements and pursuant to ASX Listing Rule 5.23.2, the Company confirms that it is not aware of any new information or data that materially affects the information included in the abovementioned announcements or this Quarterly Report for the period ended 30 September 2021 and to date.

APPENDIX 1: RC DRILLING POONA

Project	Hole No	Hole Type	East	North	Final Depth	Dip	Azimuth
POONA	MUGRC001	RC	544069	7001535	138	-60	225
POONA	MUGRC002	RC	544192	7001417	120	-60	225
POONA	MUGRC003	RC	543950	7001637	168	-60	225
POONA	MUGRC004	RC	544128	7001490	165	-60	225
POONA	MUGRC005	RC	544247	7001474	90	-60	225
POONA	RAJRC001	RC	542129	7000796	80	-60	250
POONA	RAJRC002	RC	541852	7000731	99	-60	40

APPENDIX 2: DRILL HOLE COLLAR INFORMATION

Hole	Type	Depth	Easting	Northing	Azimuth	Dip
THAC001	AC	46	317433	6745778	090	-60
THAC002	AC	32	317359	6745779	090	-60
THAC003	AC	45	317285	6745773	090	-60
THAC004	AC	43	317196	6745781	090	-60
THAC005	AC	46	317116	6745775	090	-60
THAC006	AC	43	317051	6745776	090	-60
THAC007	AC	67	317430	6745616	090	-60
THAC008	AC	58	317355	6745620	090	-60
THAC009	AC	60	317279	6745620	090	-60
THAC010	AC	48	317202	6745618	090	-60
THAC011	AC	60	317121	6745620	090	-60
THAC012	AC	44	317050	6745619	090	-60
THAC013	AC	60	317482	6743793	090	-60
THAC014	AC	60	317401	6743798	090	-60
THAC015	AC	56	317320	6743800	090	-60
THAC016	AC	60	317461	6743959	090	-60
THAC017	AC	49	317374	6743957	090	-60
THAC018	AC	60	317297	6743962	090	-60
THAC019	AC	67	317216	6743953	090	-60
THAC020	AC	73	317682	6743136	090	-60
THAC021	AC	48	317603	6743142	090	-60
THAC022	AC	52	317517	6743142	090	-60
THAC023	AC	60	317678	6743004	090	-60
THAC024	AC	52	317601	6743004	090	-60
THAC025	AC	52	317521	6743003	090	-60
THRC018	RC	88	317639	6743053	090	-60

THRC019	RC	85	317394	6743860	090	-60
THRC020	RC	80	317360	6745704	090	-60
THRC021	RC	120	317288	6745703	090	-60
THRC022	RC	97	317206	6745705	090	-60
THRC023	RC	80	317129	6745702	090	-60

Table 1: Twin Hills AC and RC drilling May 2021. MGA 1994 Zone 51 S

Hole_ID	Type	Depth	Easting	Northing	Orientation
CWAC001	AC	41	423638	6350269	-90/360
CWAC002	AC	48	423566	6350099	-90/361
CWAC003	AC	46	423450	6349924	-90/362
CWAC004	AC	75	423308	6349729	-90/363
CWAC005	AC	78	423234	6349541	-90/364
CWAC006	AC	49	423151	6349362	-90/365
CWAC007	AC	53	423094	6349185	-90/366
CWAC008	AC	33	423048	6349002	-90/367
CWAC009	AC	43	422871	6348808	-90/368
CWAC010	AC	46	422862	6348605	-90/369
CWAC011	AC	48	422703	6348214	-90/370
CWAC012	AC	54	422572	6347877	-90/371
CWAC013	AC	40	422408	6347488	-90/372
CWAC014	AC	55	422294	6347111	-90/373
CWAC015	AC	53	422114	6346773	-90/374
CWAC016	AC	22	422023	6346350	-90/375
CWAC017	AC	13	421862	6345967	-90/376
CWAC018	AC	41	421862	6345967	-90/377
CWAC019	AC	28	421560	6345204	-90/378
CWAC020	AC	57	421496	6344884	-90/379
CWAC021	AC	50	421382	6344500	-90/380
CWAC022	AC	27	421232	6344115	-90/381
CWAC023	AC	34	421043	6343728	-90/382
CWAC024	AC	33	420960	6343365	-90/383
CWAC025	AC	43	420810	6342998	-90/384
CWAC026	AC	10	420146	6342287	-90/385
CWAC027	AC	35	419914	6341398	-90/386
CWAC028	AC	60	419740	6340605	-90/387
CWAC029	AC	28	419553	6339705	-90/388

Table 2: Cowalinya Project aircore collar information.
Grid MGA1994 Zone 51 S

SAMPLE	MGA_E	MGA_N	TREO_ppm	La_ppm	Ce_ppm	Nd_ppm	Pr_ppm	Sm_ppm	Gd_ppm	Y_ppm	Th_ppm
CR0631	434117	7257659	2961.6	842.7	1189.8	255.9	98.3	25.5	14.9	44.4	869.1
CR0618	433871	7260094	887.1	152.6	319.3	125.5	38.2	20.2	11.9	38.8	37.9
CR0638	433857	7264987	765.8	153.1	274	93	29.2	13.3	8.7	39.6	45.2
CR0629	435376	7256828	740.2	129.8	269.2	100.3	30.8	15.2	9.8	32.9	38
CR0628	435592	7256418	713.0	73.2	359.4	63.3	19.3	11.5	8	29.1	42.9
CR0633	431387	7264613	707.0	133.4	249.6	92.9	28.4	17	12.4	30.6	79.1
CR0617	434264	7260468	684.5	130.9	248.5	88.7	27	13.7	8.6	28.9	33.7
CR0615	434561	7262445	670.0	108.2	239.8	93	26.6	14.7	10.2	33.8	31.7
CR0610	438314	7263196	624.8	89.4	173.7	69.8	20	14	12.7	79.2	25
CR0644	432195	7265525	624.3	90.8	219.9	85.3	23.7	17.3	13.4	34.6	51
CR0635	432684	7264116	618.8	135.7	201.5	80.9	29.3	13	7.7	22	57.7
CR0634	432014	7263928	534.2	104.6	177.2	77.6	23.7	14.1	9.7	27.1	40.4
CR0626	441183	7261610	492.0	70.3	141.2	58.8	16.7	11.5	9.3	56.4	34.1
CR0620	439691	7262345	476.5	92.1	180	65.5	20.2	11.4	7.2	10.3	48.5
CR0636	433566	7264047	457.1	87.3	176.8	55.8	17.3	8.2	5.8	14.9	39.7
CR0614	435020	7263598	423.8	63.9	147.2	62.1	17.6	11.4	7.4	20.4	48.5
CR0627	440694	7161892	412.2	67.2	140.9	56.9	16.8	11.1	7.7	25.8	47.5
CR0642	433692	7265975	392.0	63.1	126.4	47.2	14.2	8.3	6.9	35.3	29.7
CR0621	440305	7262375	384.3	62	122.2	47.3	14.1	9.1	7.4	38.8	32.8
CR0639	433461	7265099	365.0	21	53.5	30.9	8	12.9	16.5	94.1	8.2
CR0632	433921	7257765	345.7	50.8	95.7	34.7	10.7	5.9	5.1	36.3	24.3
CR0619	433258	7259490	340.6	56.7	116.6	43.8	13.2	7.7	5.7	17.5	29
CR0641	433941	7265983	325.2	57.3	110.4	43.2	12.7	8	6.1	20.3	25
CR0659	439557	7263264	324.8	56.4	114	45.7	13.7	8.3	5.5	8.8	33.7

Table 3: REE results, Codra Creek Rocks

JORC CODE, 2012 EDITION – TABLE 1

- SECTION 1 SAMPLING TECHNIQUES AND DATA

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
• *Sampling techniques*	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be*	• *Rock chip samples were collected from outcrops* • *Stream sediment samples were taken as 115 mesh (0.1-0.4mm) dry sieved samples of outwash stream bed material* • *Soil samples were taken by sieving ~100-300g of +0.4/-0.96mm material* • *100g of samples were taken in paper bags* • *Every 20th sample was taken as a duplicate* • *2 standards of lithium pegmatite material were inserted every 100 samples* • *Drill sampling is being undertaken via 2 metre (Cowalinya) to 4 metre (Twin Hills) composite samples in areas with no visual mineralization, and single metre cone split sampling in mineralized intervals* • *Single metre sampling of all RC holes at Twin Hills was undertaken via bagged 12.5%*

Criteria	JORC Code explanation	Commentary
	relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.	*conical split fractions taken from the drill rig* • *Historical sampling methods include scoop, spear and single metre sampling via riffle or cone splitter*
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).*	• *Drilling at Cowalinya and Twin Hills was undertaken with a slimline reverse circulation face-sampling hammer bit* • *Historical drilling includes RAB, AC and RC drilling of various diameters*
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• *Drilling recoveries were moderate to good* • *Sample recovery was qualitatively logged for all metre intervals with recovery, moisture and contamination noted where present* • *Sample recovery was maximized via drilling of dry samples, at high air pressure* • *No relationship between grade and sample recovery can be established at this time*
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.* • *The total length and percentage of the relevant intersections logged.*	• Rock chip samples were qualitatively logged • AC and RC drilling is logged qualitatively by the on-site geologist from drill chip samples taken every metre • Logging is undertaken on geology, alteration, veining, sulphides and shearing. Logging of vein and sulphide percentages is semi-quantitative • All drill metres are logged
• *Sub-sampling techniques and sample preparation*	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field*	• *Soil sampling is considered an appropriate regional exploration technique* • *Soil samples were taken of the +0.48 to -0.96mm size fraction, dry sieved in the field* • *100g of soil is considered a sufficient mass of sample for analysis* • *+1kg of rock is considered acceptable, given the sampling had to be conducted on foot* • *20th samples were field duplicated to control for sampling biases in the field.* • *2 samples from every 100 were commercially available standards. Insufficient analyses exist for a statistically robust analysis of laboratory performance but results are*

Criteria	JORC Code explanation	Commentary
	duplicate/second-half sampling. • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	*within acceptable deviations from published values* • *Every 6th sample from the RC drilling is duplicated from an alternate sample port into a 1m bag* • *Every 20th composite sample is duplicated in the field and submitted for assay*
• *Quality of assay data and laboratory tests*	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	• *Cowalinya samples were analysed at Intertek Genalysis via 4 acid digest for 48 elements and rare earth elements (REE), effectively a total digest, and for 53 elements including REE via TL7 partial digest leach.* • *Nardoo tungsten samples were assayed via FB6 peroxide fusion REE schema a total digestion method.* • *Beryl Well RC drilling was assayed via 4-acid digest with REE add-on, effectively a total digest.* • *Twin Hills composite RC drill samples and auger drill samples are analysed by 33 element Aqua Regia digest plus gold* • *Rock samples were analysed via full lithological characterization suite LITH204x* • *Single metre RC samples are analysed by 25g lead-collection Fire Assay* • *Laboratory standards, duplicates and blanks are considered appropriate for semi-quantitative stream sediment assaying*
• *Verification of sampling and assaying*	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• *Samples were recorded in the field on hard copy maps and notebooks and locations compared to GPS data* • *Significant assays were verified by alternate company personnel* • *Lithium, beryllium, tantalum, niobium, rare earth element and tungsten results in this release are presented as oxides, with conversion factors applied to convert from element to oxide.* • *Element oxides for rare earth elements, Y, Ta, Nb and W were converted from elemental assays using conversion factors*
• *Location of data points*	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• *Samples and drill holes were located in the field on appropriate aerial photography and fixed with a handheld Garmin GPS unit* • *Datum is MGA 1994 Zone 50 South (Nardoo Well) and Zone 51 South (Twin Hills, Cowalinya)* • *Accuracy is +/-3m and adequate*

Criteria	JORC Code explanation	Commentary
• *Data spacing and distribution*	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• *N/A*
• *Orientation of data in relation to geological structure*	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• *Drilling has been planned to be at a steep angle to the mapped structures but the orientation of structures to drilling at Twin Hills is not yet definitively known*
• *Sample security*	• *The measures taken to ensure sample security.*	• *Samples were delivered by company personnel to the laboratory*
• *Audits or reviews*	• *The results of any audits or reviews of sampling techniques and data.*	• *N/A*

Section 2 Reporting of Exploration Results

Criteria listed in the preceding section also apply to this section

Criteria	JORC Code explanation	Commentary
• *Mineral tenement and land tenure status*	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• *Heritage Access agreements with native title holders exist over the tenure* • *All tenure is held 100% EMT save for E20/885 which is 90% EMT*
• *Exploration done by other parties*	• *Acknowledgment and appraisal of exploration by other parties.*	• *Exploration results were sourced from WAMEX exploration reports available from the Department of Mines and Resources of Western Australia online databases as detailed on 28th January 2021*
• *Geology*	• *Deposit type, geological setting and style of mineralisation.*	• *Nardoo Well tungsten skarn is an epidote-scheelite exoskarn hosted in metamorphosed calcareous rocks* • *Skarnified gabbro containing rare earth element enrichments have been identified as a source of REE anomalism at New Well* • *Callies Soak is a wolframite bearing greisen vein within granite* • *Mughal Prospect is hosted within mafic and ultramafic schists believed associated with the Gnangooragoo Complex layered intrusion*
• *Drill hole Information*	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* • *easting and northing of the drill hole collar* • *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* • *dip and azimuth of the hole* • *down hole length and interception depth* • *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• *A list of all drill hole collars, azimuths and depths is provided*

Criteria	JORC Code explanation	Commentary
Data aggregation methods	• In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated. • Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. • The assumptions used for any reporting of metal equivalent values should be clearly stated.	• N/A
Relationship between mineralisation widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration Results. • If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. • If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	• N/A
Diagrams	• Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	• A map showing tenement locations has been included • Maps showing the distribution of mineralised occurrences and anomalies has been provided
Balanced reporting	• Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	• It is unfeasible and not considered relevant to present >2,600 soil samples in tabulated form • All significantly anomalous samples referred to in the text are presented in the Appendices where appropriate • The reader is referred to the appropriate historical exploration information that is readily available from Government websites. The Company does not republish WAMEX reports in order to maintain the integrity of the data as presented by the Department of Mines and Resources. • Significantly anomalous samples are defined by >90th percentile of sample populations OR >300% average crustal abundance for REE's • Photographs of mineral specimens were collected by company personnel and are provided to illustrate the nature of mineralisation
Other substantive exploration data	• Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or	• N/A

• Criteria	• JORC Code explanation	• Commentary
	contaminating substances.	
• *Further work*	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• *Field work planned includes confirmation sampling of pegmatite outcrops, mapping, surface geochemistry and drilling*

Appendix 5B

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

Name of entity	
eMetals Limited	
ABN	**Quarter ended ("current quarter")**
71 142 411 390	30 September 2021

Consolidated statement of cash flows		**Current quarter $A'000**	**Year to date (3 months) $A'000**
1.	**Cash flows from operating activities**		
1.1	Receipts from customers	-	-
1.2	Payments for		
	(a) exploration & evaluation	(68)	(68)
	(b) development	-	-
	(c) production	-	-
	(d) staff costs	(42)	(42)
	(e) administration and corporate costs	(109)	(109)
1.3	Dividends received (see note 3)	-	-
1.4	Interest received	-	-
1.5	Interest and other costs of finance paid	-	-
1.6	Income taxes paid	-	-
1.7	Government grants and tax incentives	-	-
1.8	Other (ATO Payments / Receivables)	68	68
1.9	**Net cash from / (used in) operating activities**	**(151)**	**(151)**

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	(392)	(392)
	(e) investments	-	-
	(f) other non-current assets	-	-

Consolidated statement of cash flows		Current quarter $A'000	Year to date (3 months) $A'000
2.2	Proceeds from the disposal of:		
	(a) entities	-	-
	(b) tenements	-	-
	(c) property, plant and equipment	-	-
	(d) investments	283	283
	(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**	**(109)**	**(109)**

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	-	-
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**	**-**	**-**

4.	**Net increase / (decrease) in cash and cash equivalents for the period**		
4.1	Cash and cash equivalents at beginning of period	686	686
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(151)	(151)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	(109)	(109)
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	-

Consolidated statement of cash flows		Current quarter $A'000	Year to date (3 months) $A'000
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	**Cash and cash equivalents at end of period**	**426**	**426**

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	116	85
5.2	Call deposits	-	-
5.3	Bank overdrafts	-	-
5.4	Other ((High Interest Account)	310	601
5.5	**Cash and cash equivalents at end of quarter (should equal item 4.6 above)**	**426**	**686**

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	42
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.

7.	**Financing facilities** *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.*	**Total facility amount at quarter end $A'000**	**Amount drawn at quarter end $A'000**
7.1	Loan facilities	-	-
7.2	Credit standby arrangements	-	-
7.3	Other (please specify)	-	-
7.4	**Total financing facilities**	-	-

7.5	**Unused financing facilities available at quarter end**	-

7.6 Include in the box below a description of each facility above, including the lender, interest rate, maturity date and whether it is secured or unsecured. If any additional financing facilities have been entered into or are proposed to be entered into after quarter end, include a note providing details of those facilities as well.

-

8.	**Estimated cash available for future operating activities**	**$A'000**
8.1	Net cash from / (used in) operating activities (item 1.9)	(151)
8.2	(Payments for exploration & evaluation classified as investing activities) (item 2.1(d))	(109)
8.3	Total relevant outgoings (item 8.1 + item 8.2)	(260)
8.4	Cash and cash equivalents at quarter end (item 4.6)	426
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	426
8.7	**Estimated quarters of funding available (item 8.6 divided by item 8.3)**	1.64

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.

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: No, exploration and evaluation expenses are expected to be lower in early December Q and in accordance with exploration work program schedules.

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: Yes, the Company has successfully completed capital raisings in the prior years and has a track record of securing funding. Any further capital raising initiatives will be progressed as and when required. the Company has also an available-for-sale listed company investment which is able to realise at its discretion.

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, as per the response in question 2, the Company will initiate appropriate measures to secure funding by way of capital raising as and when required.	
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: .....25/10/2021…….....

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.