ZEUS
RESOURCES LTD

QUARTERLY ACTIVITIES REPORT

For the period ending 31st December 2021

The Board of Zeus Resources Limited is pleased to release its second Quarterly Activities Report of 2021-2022 Financial Year covering the period ending 31 December 2021.

Highlights

- The Company completed a successful exploration program at its Mortimer Hills Project (E09/2147); comprising reconnaissance mapping, rock chip sampling and follow up RC drilling at the Reid Well Base Metal Prospect;
- RC Drilling was completed at the Reid Well Base Metal Prospect during December 2021, with 22 RC drill holes completed for a total of 1,598m with a total of 491 samples submitted for geochemical assay;
- New pegmatite discovery at 'Pegmatite Creek' within the Mortimer Hills Project, located ~7 kilometres along strike from the Malinda Lithium Deposit located on the adjoining tenement (held by **Arrow Minerals Ltd**; ASX: **AMD**) ("**Arrow**") (formerly **Segue Resources Ltd**). A total of 30 rock chip samples have been submitted for assay to examine the geochemical signature of the pegmatites and their parent granites;
- The Wiluna Project (E53/1603) is being repositioned as a Muriate of Potash project replacing the former uranium focus. Zeus has applied for a new exploration licence (E53/2197) and conducted a gravity survey of 400m by 200m grid cell size to determine the centre of the palaeochannel to locate a hydrological pump test drill hole;
- The Company has terminated its exclusivity agreement with Westoz Gold Pty Ltd (ACN 642 083 593) ("**Westoz**") to conduct due diligence for the potential acquisition of the Wandagee Base Metals Project, comprising exploration licence application E09/2499; and
- The Company continues to investigate new mining projects in uranium, gold, copper, and other metals. The project locations will not be limited to Australia, countries located in Southeast Asia and Africa will be also considered.

Corporate and Financial

- Quarterly administrative and other operational expenditures are within the budget;
- The Company has appointed Mr Colin Robert Mackay as a Non-Executive Director of the Company on 6 December 2021;
- The Company's statement of cash flows for the Quarter is set out in Appendix 5B. At the end of the Quarter the entity had $1,561m with no debt;
- ZEU confirms it is not aware of any new information or data that materially affects the information included in the original market announcements previously lodged with ASX;
- During the quarter $21,547 was paid to related parties and their associates. The payments related to Non-Executive Director fees and Executive Director's salary and Director fees.

Tenement Status

During the Quarter, the Company applied for a new exploration licence – E53/2197 at the Wiluna Project. There were no other changes to Zeus' granted tenement holdings during the Quarter. Tenements are shown in Figure 1 and detailed in Table 1.

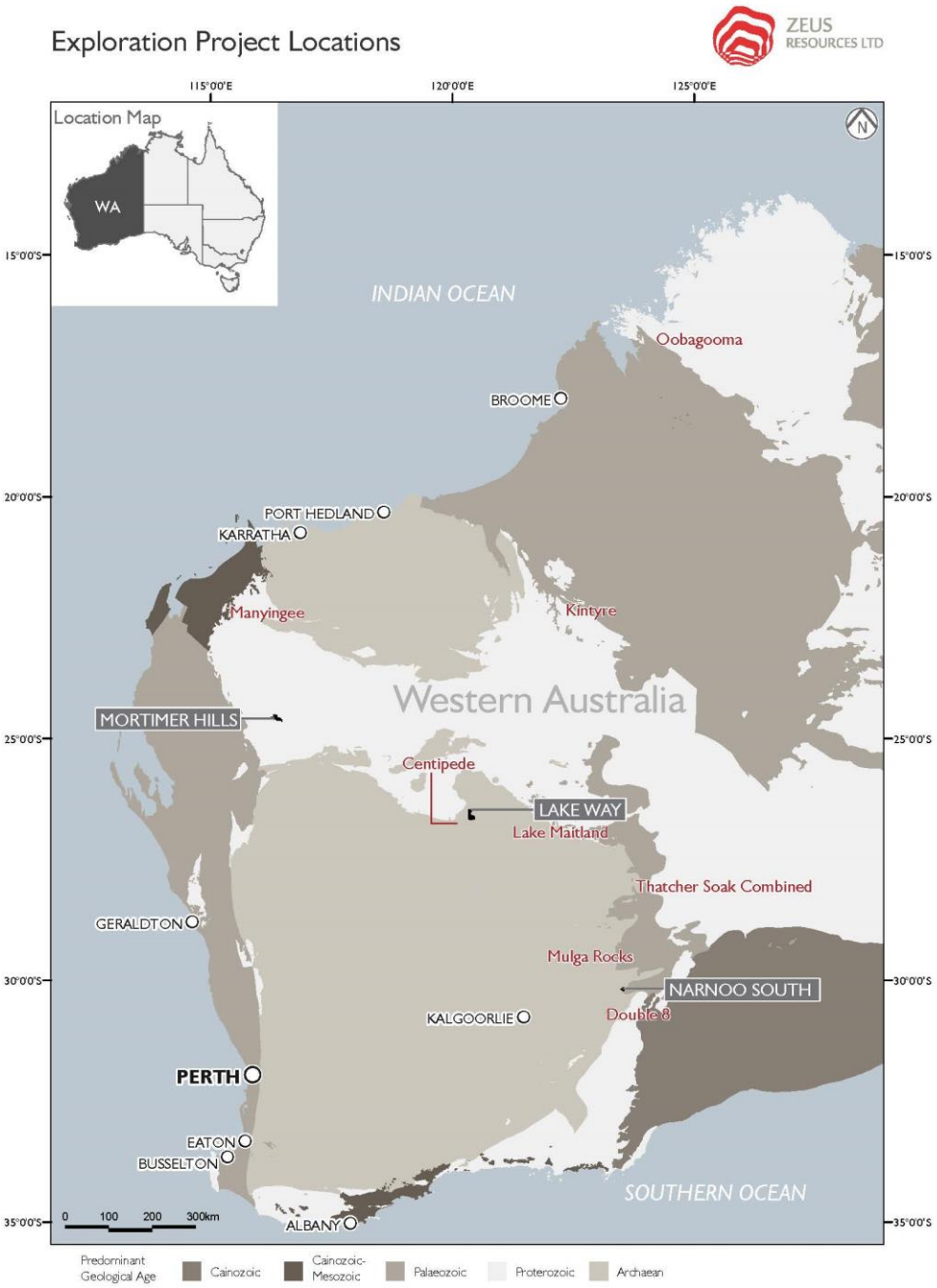

Figure 1. Zeus Resources Tenement Location Map

Region	Project	Tenement	Status	Holder	Operator	Comments
Wiluna	**Lake Way**	**E 53/1603**	**Granted**	Zeus Resources Ltd	Zeus Resources Ltd	
Wiluna	**Lake Way**	**E53/2197**	**Application**	Zeus Resources Ltd	Zeus Resources Ltd	Applied for 27/10/2021
Narnoo	**Narnoo South**	**E 28/2097**	**Granted**	Zeus Resources Ltd	Zeus Resources Ltd	
Gascoyne	**Mortimer Hills**	**E 09/2147**	**Granted**	Zeus Resources Ltd	Zeus Resources Ltd	

Table 1. Zeus Resources Licence Details

Exploration Program

During the Quarter, a field work program was completed at the Mortimer Hills Project (E09/2147) in the Gascoyne District. The program comprised reverse circulation (RC) drilling (22 holes for 1,598m) at the Reid Well base metal prospect and continued field mapping and rock chip sampling targeting outcropping Lithium-Caesium-Tantalum (LCT) pegmatites. Exploration at the Wiluna Project E53/1603 & ELA 53/2197) comprised a ground gravity survey to define the centre of the palaeochannel and locate a position for a hydrological pump test drill hole. No fieldwork was completed during the Quarter on the other tenements managed by Zeus Resources Ltd. The Board continues reviewing all the Company's projects and updating the exploration plans accordingly. The Company hopes to launch further exploration work on the Western Australia projects during the March Quarter 2022 subject to permitting and approvals and drill rig availability.

Gascoyne Project

The Gascoyne Project comprises one exploration licence, Mortimer Hills E09/2147 (see Figure 2.). The Extension of Term for E09/2147 has been granted for a further period of 5 years by the Department of Mines, Industry Regulation and Safety of WA on 22 November 2021, the expiry date is 14 September 2026.

During September 2021 a field reconnaissance trip was undertaken to investigate the potential of the tenement for base metals, gold, and pegmatite hosted lithium mineralisation. **(See Zeus ASX announcements dated 1st October 2021 and 1st November 2021)**

The field work focused on identifying drill pad locations for subsequent RC exploration drilling at the Reid Well Base Metal Prospect (completed in early December 2021 - see Figure 3 and 4) and reconnaissance mapping to investigate

the potential of the tenement for pegmatite-hosted lithium mineralisation similar to Arrow Minerals' Malinda Li Deposit of on the adjoining tenement.

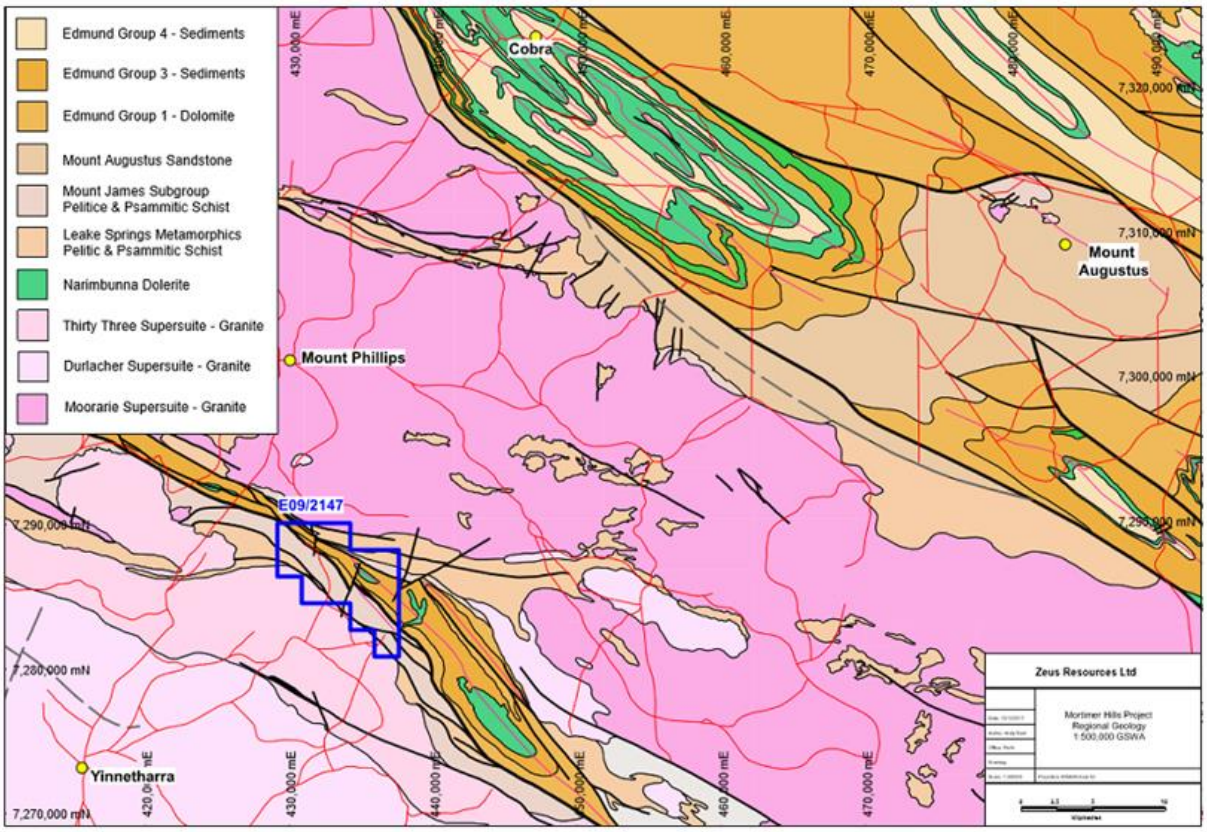

Figure 2. Gascoyne Project- Mortimer Hills E09/2147 Regional Geology

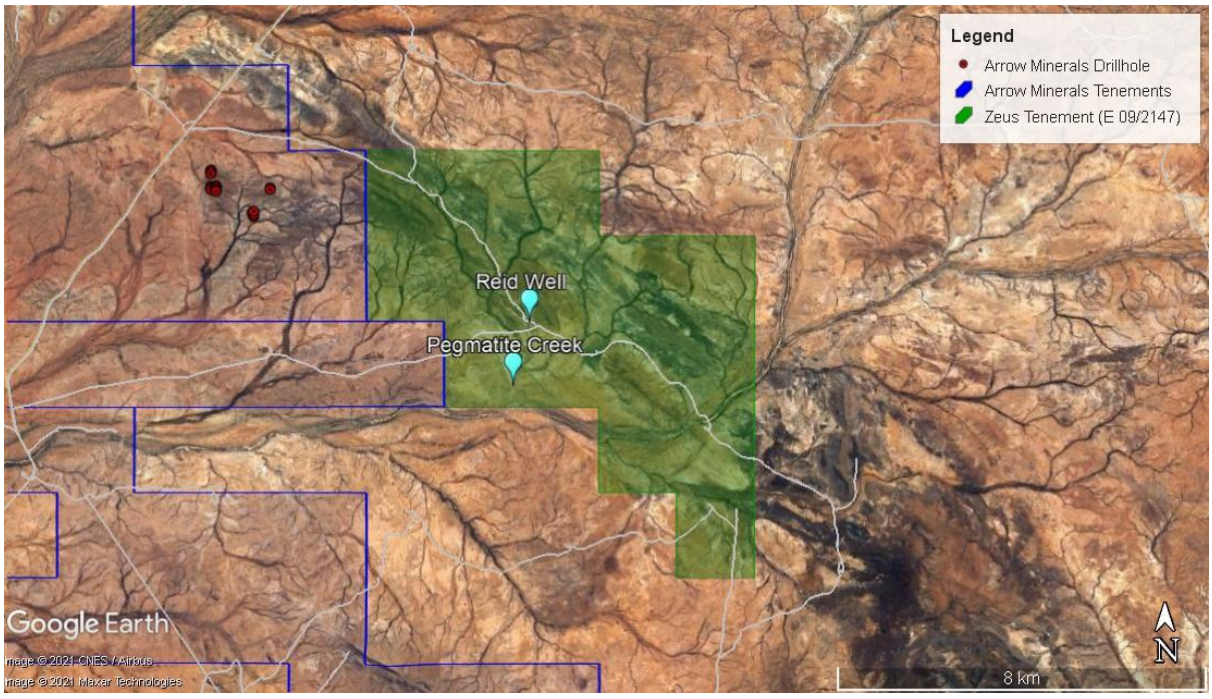

Figure 3. Gascoyne Project- Mortimer Hills E09/2147 Prospect Locations.

Figure 4. Drilling operations at the Reid Well Base Metals Prospect

1. Reid Well Base Metal Prospect

Barite-copper-galena mineralisation at Reid Well was first recognised by AGIP Nucleare Australia Pty Ltd ("AGIP") during the 1974 to 1977 period. AGIP conducted rock chip sampling, limited trenching, and shallow percussion drilling. Zeus relocated the historical occurrence in 2015 and has subsequently conducted follow up mapping and sampling with assay results up to 13% Cu, 2.95% Pb & 128ppm Ag (**See Zeus ASX Announcement dated 20 June 2015 and 29 November 2021**).

Reconnaissance mapping indicates mineralisation forms an elongate exhalative lens some 2-3m thick (see Figure 5) within a quartz-biotite-chlorite-sericite schist +/- garnet, tourmaline, and magnetite zone within the Morrissey Metamorphic Suite. Disseminated copper mineralisation, in the form of malachite, azurite and chalcocite (see Figure 6) extends for over ~100m along strike length before disappearing under alluvium. Selected previous 2021 assay results from the Reid Well Base-Metals Prospect are detailed in Table 2.

Sample #	GDA94_E	GDA94_N	Description	Cu (%)	Pb (%)	Zn (ppm)	Ag (ppm)	BaO (%)
ZEU004	432,593	7,286,562	Subcropping Cu-barite lens rubble. Westernmost extent of lens.	10.90	6.04	150	195.0	41.81
ZEU016	432,661	7,286,550	Subcropping Cu-barite lens.	1.40	0.19	125	18.4	52.53
ZEU017	432,678	7,286,539	Subcropping Cu-barite lens.	0.21	0.30	135	10.0	57.08
ZEU018	432,670	7,286,544	Subcropping Cu-barite lens.	1.41	1.20	130	30.9	53.39
ZEU019	432,655	7,286,552	Subcropping Cu-barite lens.	2.04	4.43	135	18.5	49.04
ZEU020	432,646	7,286,555	Subcropping Cu-barite lens.	0.86	2.35	130	13.8	52.35
ZEU021	432,639	7,286,560	Subcropping Cu-barite lens.	2.34	10.90	115	90.6	40.19
ZEU022	432,666	7,286,455	Carbonate-siliceous sinter lens.	0.02	0.08	10	0.7	0.41
ZEU023	432,714	7,286,452	Ironstone block exposed by rip line.	0.44	0.48	320	0.9	2.17

Table 2. Reid Well Base-Metals Prospect Assay Results 2021

Figure 5. Reid Well VMS base-metal target; exhalative malachite, chalcocite, and galena-bearing barite lens. (Sample# ZEU016).

Prior to drilling, detailed mapping conducted on site defined a further four exhalative barite lenses showing indications of copper mineralisation, extending the known strike length to over 300m. Mapping indicates the deposit is highly sheared with more competent barite lenses forming elongate lobes, stringers, and pods. A further 18 rock chip samples were taken along the mapped lenses.

Figure 6. Detail of mineralised outcrop. (Sample# ZEU016 = 1.4% Cu, 0.19% Pb, 125 ppm Zn & 18.4 ppm Ag)

A total of 22 RC drillholes were completed for 1,598m during early December 2021 targeting the Reid Well Base Metal Prospect (see Figure 7, Table 3). (**See Zeus ASX Announcement dated 17 December 2021**)

The drill hole logging indicates the copper-bearing barite lens(es) mapped at surface continue in the subsurface and dip ~ 45 degrees to the south. Minor to moderate indications of Cu mineralisation were consistently observed in RC drill chips within the barite zones and a total of 491 samples are submitted for geochemical assay.

Hole ID	GDA94_E	GDA94_N	GPS_RL	Survey Method	Dip	Azi	Max Depth	Comments
Z21RC001	432,702	7,286,514	318	GPS	-60	30	36	
Z21RC002	432,694	7,286,501	321	GPS	-60	30	72	
Z21RC003	432,685	7,286,487	322	GPS	-60	30	114	
Z21RC004	432,667	7,286,529	321	GPS	-60	30	36	
Z21RC005	432,657	7,286,512	320	GPS	-60	30	72	
Z21RC006	432,648	7,286,499	319	GPS	-60	30	114	
Z21RC007	432,641	7,286,544	318	GPS	-60	30	36	
Z21RC008	432,628	7,286,524	319	GPS	-60	30	72	
Z21RC009	432,621	7,286,516	319	GPS	-60	30	114	
Z21RC010	432,654	7,286,567	320	GPS	-60	210	60	Scissor hole on main mineralised zone
Z21RC011	432,587	7,286,554	320	GPS	-60	30	36	
Z21RC012	432,577	7,286,539	321	GPS	-60	30	72	
Z21RC013	432,569	7,286,527	328	GPS	-60	30	114	
Z21RC014	432,492	7,286,665	326	GPS	-60	30	36	
Z21RC015	432,482	7,286,652	326	GPS	-60	30	62	
Z21RC016	432,473	7,286,640	327	GPS	-60	30	114	
Z21RC017	432,465	7,286,628	326	GPS	-60	30	132	
Z21RC018	432,438	7,286,682	325	GPS	-60	30	36	
Z21RC019	432,428	7,286,666	334	GPS	-60	30	72	
Z21RC020	432,419	7,286,654	327	GPS	-60	30	114	
Z21RC021	432,564	7,286,599	324	GPS	-60	30	30	
Z21RC022	432,557	7,286,590	324	GPS	-60	30	54	

Table 3. Reid Well Base Metal Prospect, Drill Collar Locations

Figure 7. Reid Well Mase Metal Prospect - Drillhole locations

2. Thirty-Three Supersuite Lithium-Caesium-Tantalum (LCT) Pegmatite Prospectivity

Previous work by Arrow immediately to the east of Zeus' E09/2147 tenement has identified the Thirty-Three Supersuite as a fertile parent granite with the potential to generate LCT Pegmatite swarms.

Geochemical sampling by Arrow observed distinct Niobium/Tantalum fractionation trends extending outwards from the parent granite intrusion. Rock chip sampling returned results up to 3.77% Li2O and subsequent exploration drilling at the Malinda Lithium Prospect (~2-3 kms west of Zeus' tenement boundary) intersected up to 2.0% Li2O and >800ppm Ta2O5 with high-grade mineralisation confirmed as Li-bearing spodumene. Lepidolite was also identified within two proximal drill holes at the T-Bone prospect (**See Segue Resources ASX Announcement, 09 October 2017**).

The Thirty-Three Supersuite extends ESE along strike along the southern margin of Zeus' tenement. Zeus considers the tenement has substantial potential to host related LCT Pegmatite mineralisation. Extensive tourmaline alteration of the country rock also suggests the granitoids of the Thirty-Three Supersuite are highly fractionated and have the potential to generate LCT Pegmatites. Subcropping deformed pegmatites, similar in character to those encountered further west at Arrow's Malinda Lithium Prospect, have been previously identified on Zeus' E09/2147 tenement (**See Zeus ASX Announcement, 1 October 2021**).

Further continued mapping and prospecting was undertaken by Zeus during the Quarter, along the prospective zone extending outwards from the intrusive contact of the Thirty-Three Supersuite with the host country rock. (**See Zeus ASX Announcement, 17 December 2021**).

Figure 8. Extensive quartz sheetwash blanket covering the metamorphosed contact between the vegetated Thirty-Three Supersuite granitoids (RHS) and metasedimentary country rock. Arrow pointing to the location of the Pegmatite Creek prospect (see Figure 3 for prospect location).

The prospective zone extending outwards from the margins of the prospective granites into the host metasediments is largely obscured by an extensive blanket of quartz sheetwash (see Figure 8) derived from weathering of the granitoid. Further reconnaissance mapping by Zeus has identified a zone of extensive outcropping

pegmatites along a creek line; now referred to as ‘Pegmatite Creek’ (see Figure 3), where the sheetwash blanket has been removed by erosion (see Figure 9).

Figure 9. Pale-coloured pegmatite intruding reddish brown pegmatitic granite.

Importantly, the contact between the granites and the host rock is exposed in the creek and together with evidence of contact metamorphism of the host metasediments, confirms their intrusive nature (see Figure 10).

A total of 30 rock samples were collected to determine the geochemical signature of the pegmatites and their parent granite.

Figure 10. Pale-coloured pegmatite intruding greenish grey chloritic schists on the margins of the Thirty-Three Supersuite.

Zeus considers the identification of prospective pegmatites at Pegmatite Creek, a short distance along strike from a known a Lithium-Caesium-Tantalum (LCT) pegmatite mineral system to be highly encouraging.

Follow up airborne and ground surveying is being planned for early 2022 to target the the lithium 'sweet spot' lying between 500 to 3,000m out from the contact of the parent granitoid.

Wiluna Project (E53/1603)

The Wiluna Project comprises one exploration licence, E53/1603 and one new exploration licence application (E53/2197) covering part of the Kukkuburra Palaeochannel, developed in granite and greenstone basement. During the Quarter, Zeus commenced a three-phase exploration program to target the Archean lode gold potential of the underlying greenstones. **(See Zeus ASX announcement dated 6 September 2021)**

The Company has engaged Western Geophysics Pty Ltd in WA to undertake the Phase 1 geophysical compilation and interpretation. Based on the results desktop-based work and the advice from professionals, the project is being repositioned as a Muriate of Potash project replacing the former uranium focus. (**See Zeus ASX announcement dated 1 November 2021**).

Muriate of Potash projects require at least 15km of defined palaeochannel as Trigg Mining Ltd, Kalium Lakes Ltd and Australian Potash Ltd tenement holdings demonstrate. On 27 October 2021, Zeus lodged an Exploration Licence Application (E53/2197) for 60 blocks (approximately 184km^2) covering the northern extension of the Kukkuburra Palaeochannel. The likely total channel length within this combined area is about 25km comprising 6km within the granted E53/1603 and a likely 19 further kilometres in the E53/2197L application. The palaeochannel at Wiluna has had its brine tested previously at Lake Way by Salt Lake Potash Ltd. (**See Zeus ASX announcement dated 1 November 2021**).

During November the Company engaged Atlas Geophysics to complete a gravity survey, including gravity acquisition and processing (192 new gravity stations at 200m spacing on one-kilometre spaced lines) to cover the southern part of the Wiluna Project and the Kukkuburra Palaeochannel. The gravity survey commenced on 14 November and lasted 4 days. (see Figure 11). (**See Zeus ASX announcement dated 1 December 2021**).

The gravity data was acquired using Scintrex CG5 digital gravity meters and Hi Target differential GNSS receivers. Expected accuracy of this gravity survey would be better than 0.02 mGal with recorded elevations accurate to better than 2cm.

Figure 12 shows residual bouger gravity (gravity minus the calculated regional gravity trend). The blue line is an interpretation of the Kukkuburra Palaeochannel axis which is approximately the deepest part of the channel. The paleochannel extends southeast into the application area resulting in 8 km lying within Zeus tenure. This work will help to define the location for the hydrological pump test drill holes.

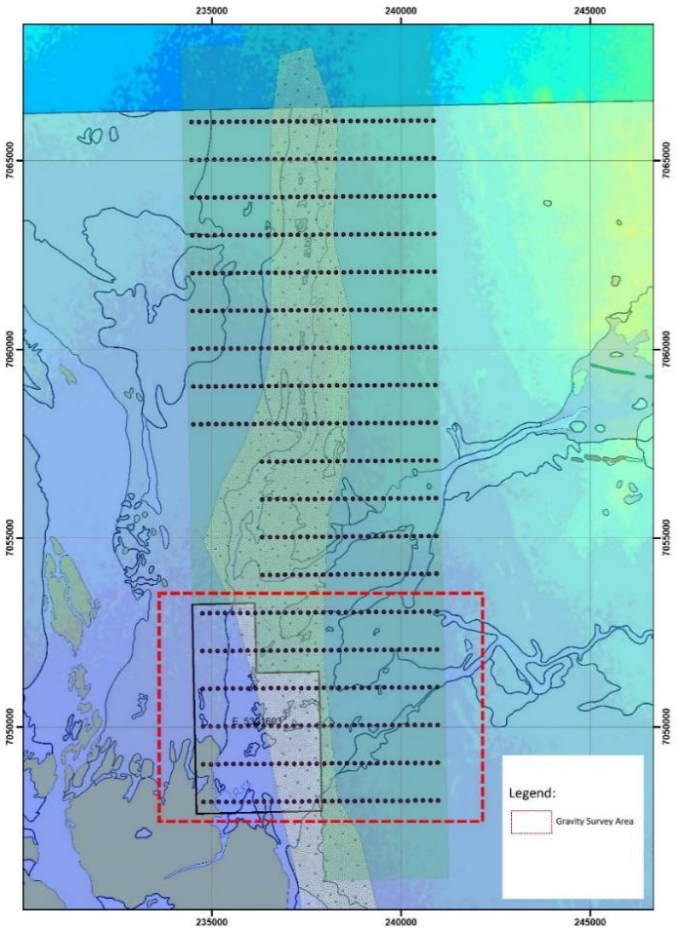

Figure 11. Wiluna Project gravity survey stations completed (within the red box)

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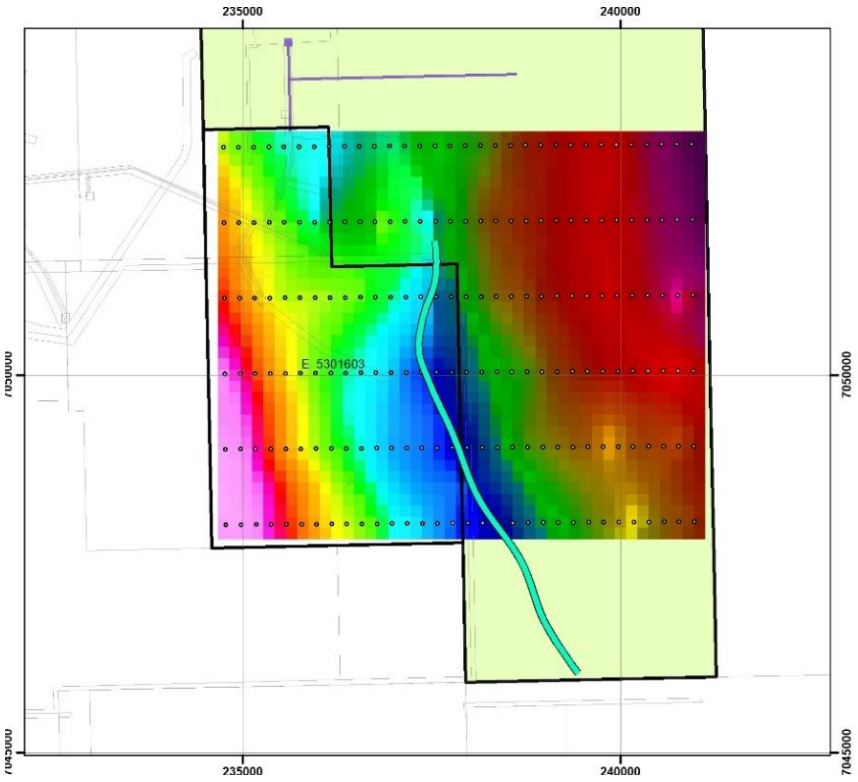

Figure 12. Residual Bouger gravity anomaly image. The blue colour is indicative of low density values interpreted to be due to the paleochannel.

The interpreted deepest part of the paleochannel is represented by the thin green line.

Western Geophysics Pty Ltd currently is collecting additional data and defining the locations of the proposed drill holes. The next phase of exploration program will be drilling and a hydrological pump test within the granted tenement (E53/1603).

Narnoo Project (E28/2097)

The Narnoo Project comprises one exploration Licence, E28/2097. The Extension of Term Application for E28/2097 has been granted on 18 November 2021 and the tenement now expires on 8 May 2023.

Based on the recommendations from the Company's tenement manager with regards to latest changes in the legislation, the Company is not able to actively explore for uranium without certain Federal Government approval. The Board is reconsidering the exploration plan for the Narnoo Project (E28/2097), and no immediate exploration work has been planned.

Wandagee Project (E09/2499)

during July 2021, the Company entered into an exclusivity agreement with Westoz to conduct due diligence on the Wandagee Project (exploration licence application – E09/2499 ("Tenement")) ("Exclusivity Agreement") to explore the potential acquisition of the Tenement from Westoz if it was granted (**See Zeus ASX announcement dated 30 July 2021).**

The Company appointed HSG Australia Pty Ltd in WA to carry out a site visit, which included mapping and sampling. The site visit commenced on 9 September 2021 and lasted for 3 days.

The Company did not reach an agreement for the acquisition with Westoz, and the Exclusivity Agreement was terminated by both parties on 29 October 2021.

Competent Person Statement:

Information in this release that relates to Exploration Results and rock chip sampling program at the Mortimer Hills Project and the RC drilling program at the Reid Well Base Metal Prospect is based on information compiled by Mr Jonathan Higgins, who is a Member of the Australian Institute of Geologists (AIG). Mr Higgins is is engaged by Zeus Resources Limited as an independent consultant. Mr Higgins has sufficient experience which 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 Higgins consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

Competent Person Statement:

Information in this release that relates to Exploration Results relating to the Wiluna Project is based on information compiled by Mr Steve Massey, who is a Member of the Australian Institute of Geologists (AIG). Mr Massey is is engaged by Zeus Resources Limited as an independent consultant. Mr Massey has sufficient experience which 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 Massey consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

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This announcement may contain certain forward-looking statements. The words 'anticipate', 'believe', 'aim', 'estimate', 'expect', 'intend', 'may', 'plan', 'project', 'will', 'should', 'seek' and similar expressions are intended to identify forward looking statements. These forward-looking statements are based on assumptions and contingencies that are subject to change without notice and involve known and unknown risks, uncertainties, and other factors, many of which are beyond the control of the Company and its Affiliates. Refer to the 'Risk factors' above for a summary of certain risk factors that may affect the Company.

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Forward looking statements are provided as a general guide only and should not be relied on as an indication or guarantee of future performance. Actual results, performance or achievements may differ materially from those expressed or implied in those statements and any projections and assumptions on which these statements are based. These statements may assume the success of the Company's business strategies, the success of which may not be realised within the period for which the forward-looking statements may have been prepared, or at all.

No guarantee, representation, or warranty, express or implied, is made as to the accuracy, likelihood of achievement or reasonableness of any forecasts, prospects, returns, statements, or tax treatment in relation to future matters contained in this announcement. The forward-looking statements are based on information available to the Company as at the date of this announcement. Except as required by applicable laws or regulations, none of the Company or its Affiliates undertakes to provide any additional information or revise the statements in this announcement, whether as a result of a change in expectations or assumptions, new information, future events, results, or circumstances.

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This announcement was authorised for release to the ASX by the Board of the Company.

ENDS

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JORC Code, 2012 Edition – Table 1 Report

Section 1 Sampling Techniques and Data

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

Criteria	JORC 2012 Code Explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (eg 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.*	*RC Drilling* • Sample intervals for conventional geochemical assay were collected at 2m intervals. • Where geological logging indicated intervals with no evidence of mineralisation samples were composited over 6m intervals.
	• *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.*	*RC Drilling* • Representative RC drill cuttings were collected from a rotary cone splitter mounted on the side of the RC drilling rig.
	• *Aspects of the determination of mineralisation that are Material to the Public Report.*	*RC Drilling* • N/A
Drilling techniques	• *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg 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).*	*RC Drilling* • Drilling was conducted using a Reverse Circulation (RC) drilling rig supplied by Great Northern Drilling. • Holes were planned at -60 Dip and Azimuth of 030 degrees (magnetic) at right angles to strike of outcropping mineralisation.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.*	*RC Drilling* • Drill cuttings from the entire 2m sample interval were collected from the drill-rig cyclone buckets (amounting to 20-30kg of sample per interval) and laid out on the ground for geological logging.
	• *Measures taken to maximise sample recovery and ensure representative nature of the samples.*	*RC Drilling* • Drill cuttings from the entire 2m sample interval were collected from the drill-rig cyclone.
	• *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.*	*RC Drilling* • No bias exists in sampling.
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.*	*RC Drilling* • All RC cuttings were geologically logged in detail at 2m intervals. • Composite samples were collected over 6m intervals for barren zones.

	• *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.*	*RC Drilling* • Representative qualitative cuttings samples were collected in chip trays with a reference photography being taken.
	• *The total length and percentage of the relevant intersections logged.*	*RC Drilling* • All RC cuttings were geologically logged in detail.
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.*	*RC Drilling* • N/A
	• *If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.*	*RC Drilling* • 2m interval samples were collected in calico bags from the side of the rotary cone splitter. • 6m composite samples were collected by spearing of dry sample piles.
	• *For all sample types, the nature, quality and appropriateness of the sample preparation technique.*	*RC Drilling* • The nature and quality of the sampling technique is appropriate for the drill method and is in line with industry standard procedures.
	• *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.*	*RC Drilling* • N/A
	• *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.*	*RC Drilling* • 2m interval samples were collected in calico bags from the side of the rotary cone splitter. • 6m composite samples were collected by multiple spearing's of the sample piles from different angles.
	• *Whether sample sizes are appropriate to the grain size of the material being sampled.*	*RC Drilling* • Sample sizes are appropriate for the grainsize of the material.
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.*	*RC Drilling* • 491 samples, including Zeus standards and field duplicates, were submitted to ALS Laboratory in Perth for standard multi-element assay. • Comments on laboratory procedures are not appropriate as assay results have not yet been received at the time of writing.
	• *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.*	*Wiluna Gravity Survey* • Gravity data were acquired with Scintrex CG5 digital gravity meters. The accuracy of the processed gravity data is ±0.01 milligals. • Elevation and location data were acquired using differential GNSS GPS receivers. The accuracy of the elevation data is ± 2cm. • Data quality was checked by completing repeat measurements at various stations • All gravity data are levelled to the Australia gravity network

	• *Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.*	*RC Drilling* • Sample intervals were submitted to ALS analytical laboratory in Perth for conventional geochemical assay. • Duplicate samples were inserted at 1 in 20 ratio. • Assay results have not been received at the time of writing.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.*	*RC Drilling* • Assay results have not been received at the time of writing.
	• *The use of twinned holes.*	• N/A
	• *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*	*RC Drilling* • Primary assay data (including assay certificates) is stored electronically as either '.csv' or '.pdf' on the Zeus server in Zeus' Sydney office. • Zeus' database and server is backed up regularly. • Assay results have not been received at the time of writing.
	• *Discuss any adjustment to assay data.*	• Assay results have not been received at the time of writing.
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.*	*RC Drilling* • Sample locations were recorded using handheld GPS. • Drilling comprised initial scout exploration drilling. • No down-hole surveys were undertaken due to the lack of survey tool availability. *Wiluna Gravity Survey* • Gravity data were acquired with Scintrex CG5 digital gravity meters. Elevation and location data were acquired using differential GNSS GPS receivers. • The accuracy of the processed gravity data is ±0.01 milligals. The accuracy of the elevation data is ± 2cm.
	• Specification of the grid system used.	*RC Drilling* • The grid system used is GDA94, Zone 50. *Wiluna Gravity Survey* • The grid system used is GDA94, Zone 51.
	• *Quality and adequacy of topographic control.*	*RC Drilling* • Detailed topographic information has not been acquired for the project. • Initial elevation data collected at this stage has been supplied from hand held GPS. • Drillholes will be surveyed at a later date.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.*	*RC Drilling* • Holes were drilled perpendicular to strike on approximately 13m hole spacings on 50m spaced lines.

		Wiluna Gravity Survey • Gravity acquisition comprised 6 lines spaced 1 km apart. A total of 192 new gravity stations at 200m intervals were acquired.
	• *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*	*RC Drilling* • Outcropping barite-copper mineralisation was observed to be geologically continuous in the subsurface. • Assay results have not been received at the time of writing
	• *Whether sample compositing has been applied.*	*RC Drilling* • 2m samples were collected over mineralised intervals and a further 10m into barren host rock.Sample compositing over 6m intervals was undertaken over barren intervals. • 2m sample bags have been retained for re-assay should composite intervals intersect any mineralisation.
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.*	*RC Drilling* • Drillholes were oriented perpendicular to strike of the outcropping mineralised horizons.
	• *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.*	*RC Drilling* • No sampling bias is evident in the orientation of the drill holes.

JORC Code, 2012 Edition – Table 1 Report

Section 2 Reporting of Exploration Results.

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

Criteria	JORC 2012 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.*	• Zeus Resources holds one granted exploration tenement (E09/2147) within the Gascoyne Gascoyne Project. An extension of term has recently been granted until 14/09/2026. • Zeus holds one granted exploration tenements (E53/1603) and one exploration Licence application (E53/2197) within the Wiluna Project • Zeus holds one granted exploration licence (E28/2097) within the Narnoo Project. • Zeus holds a 100% interest in these tenements.
	• *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.*	• All tenements are in currently in good standing and no impediments to operating are currently known to exist.

Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Exploration efforts have been conducted following review of publicly available historical exploration data from the WA Department of Mines & Petroleum "WAMEX" dataset. *Mortimer Hills (Gascoyne Project)* • Soil sampling, trenching and limited non-JORC compliant drilling was previously conducted in the tenement by by AGIP Nucleare Ltd in the 1970's. No data from this work is available.
Geology	• *Deposit type, geological setting and style of mineralisation.*	*Mortimer Hills (Gascoyne Project)* • The Reid Well deposit is considered to be an exhalative volcanic massive sulphide type (VMS) deposit. • Mineralisation at Reid Well is hosted within qtz-biotite-chlorite-sericite schist (+/- garnet & tourmaline) of the Morrisey Metamorphic Suite. • Pegmatite & pegmatitic granite type intervals referred to are interpreted to conform to the Lithium-Caesium-Tantalum (LCT) pegmatite-hosted mineralisation style. *Wiluna Project* • The deposit is covering the northern extent of the Kukkuburra Palaeochannel as a Muriate of Potash deposit.
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.*	*Mortimer Hills (Gascoyne Project)* • All drillholes are reported within the drillhole details Table. *Wiluna Project* No drilling has been undertaken by Zeus at this time.
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.*	*Mortimer Hills (Gascoyne Project)* • Assay results have not yet been received at the time of writing. *Wiluna Project* • Gravity data have been processed to derive the Bouguer anomaly. Further processing included the calculation of residual gravity. These data

		have been imaged and are interpreted as indicating a paleochannel that may be prospective for the target commodity.
	• *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.*	• N/A
	• *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	*Mortimer Hills (Gascoyne Project)* • Assay results have not yet been received at the time of writing.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.*	*Mortimer Hills (Gascoyne Project)* • Assay results have not yet been received at the time of writing.
	• *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.*	*Mortimer Hills (Gascoyne Project)* • Surface outcrop of the main mineralised zone forms an elongate lens 2-4m thick and approximately 100m in strike length. • Additional related lenses were located by mapping and cover a strike length of ~300m.
	• *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').*	*Mortimer Hills (Gascoyne Project)* • Downhole intervals have not been reported as assay results have not yet been received at the time of writing.
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.*	*Mortimer Hills (Gascoyne Project)* • Refer to location maps.
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.*	*Mortimer Hills (Gascoyne Project)* • Assay results have not yet been received at the time of writing. *Wiluna Project* • Exploration results are preliminary at this point and are subject to confirmation by drilling.
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 contaminating substances.*	*Mortimer Hills (Gascoyne Project)* • Geological observations have been accurately reported. • Assay results have not yet been received at the time of writing.

Further work	• *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*	• Planned further work is dependent upon drilling results and likely encompasses follow RC and potentially DD 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.*	*Mortimer Hills (Gascoyne Project)* • Refer to drillhole location maps for current drilling areas.

Appendix 5B

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

Name of entity	
ZEUS RESOURCES LTD	
ABN	**Quarter ended ("current quarter")**
79 092 048 952	31 DECEMBER 2021

Consolidated statement of cash flows		**Current quarter $A'000**	**Year to date (6 months) $A'000**
1.	**Cash flows from operating activities**		
1.1	Receipts from customers		
1.2	Payments for		
	(a) exploration & evaluation	(133)	(196)
	(b) development		
	(c) production		
	(d) staff costs		
	(e) administration and corporate costs	(43)	(122)
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 (provide details if material)		
1.9	**Net cash from / (used in) operating activities**	**(176)**	**(318)**

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		
	(e) investments		
	(f) other non-current assets		
2.2	Proceeds from the disposal of:		
	(a) entities		
	(b) tenements		

Consolidated statement of cash flows		Current quarter $A'000	Year to date (6 months) $A'000
	(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**	**-**	**-**

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	-	360
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**	**-**	**360**

4.	**Net increase / (decrease) in cash and cash equivalents for the period**		
4.1	Cash and cash equivalents at beginning of period	1,737	1,519
4.2	Net cash from / (used in) operating activities (item 1.9 above)	(176)	(318)
4.3	Net cash from / (used in) investing activities (item 2.6 above)	-	-
4.4	Net cash from / (used in) financing activities (item 3.10 above)	-	360
4.5	Effect of movement in exchange rates on cash held	-	-
4.6	**Cash and cash equivalents at end of period**	**1,561**	**1,561**

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	95	262
5.2	Call deposits	1,466	1,475
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)**	**1,561**	**1,737**

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	22
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)	(176)
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)	(176)
8.4	Cash and cash equivalents at quarter end (item 4.6)	1,561
8.5	Unused finance facilities available at quarter end (item 7.5)	-
8.6	Total available funding (item 8.4 + item 8.5)	1,561
8.7	**Estimated quarters of funding available (item 8.6 divided by item 8.3)**	9

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:

8.8.2 Has the entity taken any steps, or does it propose to take any steps, to raise further cash to fund its operations and, if so, what are those steps and how likely does it believe that they will be successful?

Answer:

8.8.3 Does the entity expect to be able to continue its operations and to meet its business objectives and, if so, on what basis?

Answer:

Note: where item 8.7 is less than 2 quarters, all of questions 8.8.1, 8.8.2 and 8.8.3 above must be answered.

Compliance statement

1 This statement has been prepared in accordance with accounting standards and policies which comply with Listing Rule 19.11A.

2 This statement gives a true and fair view of the matters disclosed.

Date: .....31 January 2022.....

Authorised by: .....BY THE BOARD OF ZEUS RESOURCES LTD.....

(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.