

Fast Facts

Issued Capital: 108,422,717
Market Cap (@\$7.70): \$835m

Issue of Securities and Appendix 3G

Vulcan Energy Resources Ltd advises that it has issued the following securities in accordance with the resolutions approved by shareholders at a General Meeting held on 24 June 2021:

- 38,461 fully paid ordinary shares to a Director as part of placement announced on 4 February 2021.
- 660,000 fully paid ordinary shares to Introducers of the Zero Carbon Lithium Project
- 38,688 Performance Rights to Directors

For further details on the terms of the above securities please refer to the Notice of Meeting dated 24 May 2021.

The Company also announces that 250,000 Class I Performance Rights have lapsed. An Appendix 3H was also lodged today.

In addition to the above securities, the Company advises it has issued a total of 760,000 Performance Rights to recently appointed senior management personnel under the Company's Employee Incentive plan approved by shareholders at the Company's 2018 Annual General Meeting. This is to align their interests to that of the Company's shareholders and assist as an effective means of attracting and retaining staff with unique expertise, as the Company moves into an important growth phase of its Zero Carbon Lithium™ Project.

The key terms of the Performance Rights are as follows:

(Class P Rights): 60,000 Performance Rights will vest upon the Company announcing before 31 December 2022 a positive Definitive Feasibility Study in relation to the Project confirming it is commercially viable, with an Expiry Date of 1st December 2023;

(Class T Rights): 250,000 Performance Rights will vest upon the Company being issued a building permit for the first geothermal power plant or, in the case of a pure heating project with no electricity production, the transfer station, on or before the Expiry Date of 1st December 2024;

Highlights

Globally unique **Zero Carbon Lithium™** Project.

Combined lithium chemicals & renewable energy project in the Upper Rhine Valley of Germany.

EU's **largest** lithium resource.

Located at the heart of the EU Li-ion battery industry.

Fast-track development towards supplying the EU's battery & electric vehicle industry

Corporate Directory

Managing Director
Dr Francis Wedin

Chairman
Gavin Rezos

Non-Executive Director
Ranya Alkadamani


Non-Executive Director
Annie Liu

Non-Executive Director
Dr Heidi Grön

Non-Executive Director
Josephine Bush

Company Secretary
Daniel Tydde

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Baischstr. 8
76133 Karlsruhe



(Class U Rights): 250,000 Performance Rights will vest upon the Company being issued a building permit for the first Direct Lithium Extraction system, on or before the Expiry Date of 1st December 2024;

(Class V Rights): 100,000 Performance Rights will vest upon the Company being granted a permit according to BImSchG for the first lithium refinery, on or before the Expiry Date of 1st December 2024;

(Class W Rights): 100,000 Performance Rights will vest upon the Company announcing commissioning of the first commercial lithium extraction plant, on or before the Expiry Date of 1st December 2024;

An updated capital structure for the Company is shown in the accompanying Appendix 3G and Appendix 2A also lodged today.

This announcement has been authorised for release by the Company's Board of Directors.

For and on behalf of the Board

Daniel Tydde

Company Secretary

For further information visit www.v-er.eu



About Vulcan

Vulcan is aiming to become the world's first lithium producer with net zero greenhouse gas emissions. Its ZERO CARBON LITHIUM™ Project intends to produce a battery-quality lithium hydroxide chemical product from its combined geothermal energy and lithium resource, which is Europe's largest lithium resource, in Germany. Vulcan's unique, ZERO CARBON LITHIUM™ Project aims to produce both renewable geothermal energy, and lithium hydroxide, from the same deep brine source. In doing so, Vulcan intends to address lithium's EU market requirements by reducing the high carbon and water footprint of production, and total reliance on imports. Vulcan aims to supply the lithium-ion battery and electric vehicle market in Europe, which is the fastest growing in the world. The Vulcan Zero Carbon Lithium™ project has a resource which can satisfy Europe's needs for the electric vehicle transition, from a source with net zero greenhouse gas emissions, for many years to come.



Disclaimer

Some of the statements appearing in this announcement may be in the nature of forward-looking statements. You should be aware that such statements are only predictions and are subject to inherent risks and uncertainties. Those risks and uncertainties include factors and risks specific to the industries in which Vulcan operates and proposes to operate as well as general economic conditions, prevailing exchange rates and interest rates and conditions in the financial markets, among other things. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement. No forward-looking statement is a guarantee or representation as to future performance or any other future matters, which will be influenced by a number of factors and subject to various uncertainties and contingencies, many of which will be outside Vulcan's control.

Vulcan does not undertake any obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions or conclusions contained in this announcement. To the maximum extent permitted by law, none of Vulcan, its Directors, employees, advisors or agents, nor any other person, accepts any liability for any loss arising from the use of the information contained in this announcement. You are cautioned not to place undue reliance on any forward-looking statement. The forward-looking statements in this announcement reflect views held only as at the date of this announcement.

This announcement is not an offer, invitation or recommendation to subscribe for, or purchase securities by Vulcan. Nor does this announcement constitute investment or financial product advice (nor tax, accounting or legal advice) and is not intended to be used for the basis of making an investment decision. Investors should obtain their own advice before making any investment decision.

Competent Person Statement:

The information in this report that relates to Mineral Resources is extracted from the ASX announcement made by Vulcan on the 15 December 2020, which is available on www.v-er.eu. The information in this presentation that relates to the Pre-Feasibility Study for the Vulcan Lithium Project is extracted from the ASX announcement "Positive Pre-Feasibility Study", released on the 15th of January 2021 which is available on www.v-er.eu. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements.

Appendix 3G

Notification of issue, conversion or payment up of equity +securities

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

If you are an entity incorporated outside Australia and you are issuing a new class of +securities other than CDIs, you will need to obtain and provide an International Securities Identification Number (ISIN) for that class. Further information on the requirement for the notification of an ISIN is available from the Create Online Forms page. ASX is unable to create the new ISIN for non-Australian issuers.

*Denotes minimum information required for first lodgement of this form, with exceptions provided in specific notes for certain questions. The balance of the information, where applicable, must be provided as soon as reasonably practicable by the entity.

Part 1 – Entity and announcement details

Question no	Question	Answer
1.1	*Name of entity <i>We (the entity here named) give notice of the issue, conversion or payment up of the following unquoted +securities.</i>	Vulcan Energy Resources Limited
1.2	*Registration type and number <i>Please supply your ABN, ARSN, ARBN, ACN or another registration type and number (if you supply another registration type, please specify both the type of registration and the registration number).</i>	ABN : 38 624 223 132
1.3	*ASX issuer code	VUL
1.4	*This announcement is <i>Tick whichever is applicable.</i>	<input checked="" type="checkbox"/> A new announcement <input type="checkbox"/> An update/amendment to a previous announcement <input type="checkbox"/> A cancellation of a previous announcement
1.4a	*Reason for update <i>Mandatory only if "Update" ticked in Q1.4 above. A reason must be provided for an update.</i>	
1.4b	*Date of previous announcement to this update <i>Mandatory only if "Update" ticked in Q1.4 above.</i>	
1.4c	*Reason for cancellation <i>Mandatory only if "Cancellation" ticked in Q1.4 above.</i>	
1.4d	*Date of previous announcement to this cancellation <i>Mandatory only if "Cancellation" ticked in Q1.4 above.</i>	
1.5	*Date of this announcement	30 June 2021

Part 2 – Type of issue

Question No.	Question	Answer
2.1	<p>*The +securities the subject of this notification are:</p> <p><i>Select whichever item is applicable.</i></p> <p><i>If you wish to notify ASX of different types of issues of securities, please complete a separate Appendix 3G for each type of issue.</i></p>	<p><input type="checkbox"/> +Securities issued as a result of options being exercised or other +convertible +securities being converted and that are not to be quoted on ASX</p> <p><input type="checkbox"/> Partly paid +securities that have been fully paid up and that are not to be quoted on ASX</p> <p><input checked="" type="checkbox"/> +Securities issued under an +employee incentive scheme that are not being immediately quoted on ASX</p> <p><input checked="" type="checkbox"/> Other [please specify]</p> <p><i>If you have selected 'other' please provide the circumstances of the issue here:</i></p> <ul style="list-style-type: none"> • <i>Issue of 38,688 performance rights as per Notice of Meeting dated 24 June 2021 and approved by shareholders at a general meeting on 24 June 2021.</i>
2.2a.1	<p>Please state the number and type of options that were exercised or other +convertible securities that were converted (including their ASX security code if available)?</p> <p><i>Answer this question if your response to Q2.1 is "securities issued as a result of options being exercised or other convertible securities being converted and that are not to be quoted on ASX".</i></p>	
2.2a.2	<p>And the date the options were exercised or other +convertible securities were converted:</p> <p><i>Answer this question if your response to Q2.1 is "securities issued as a result of options being exercised or other convertible securities being converted and that are not to be quoted on ASX".</i></p> <p><i>Note: If this occurred over a range of dates, enter the date the last of the options was exercised or convertible securities was converted.</i></p>	
2.2b.1	<p>Please state the number and type of partly paid +securities that were fully paid up (including their ASX security code if available)?</p> <p><i>Answer this question if your response to Q2.1 is "partly paid securities that have been paid up and that are not to be quoted on ASX".</i></p>	
2.2b.2	<p>And the date the +securities were fully paid up:</p> <p><i>Answer this question if your response to Q2.1 is "partly paid securities that have been paid up and that are not to be quoted on ASX".</i></p> <p><i>Note: If this occurred over a range of dates, enter the date the last of the securities was fully paid up.</i></p>	

2.2c.1	<p>Please state the number and type of +securities (including their ASX security code) issued under an +employee incentive scheme that are not being immediately quoted on ASX</p> <p><i>Answer this question if your response to Q2.1 is "securities issued under an employee incentive scheme that are not being immediately quoted on ASX".</i></p>	<p>Issue of 60,000 Class P Performance Rights</p> <p>Issue of 250,000 Class T Performance Rights</p> <p>Issue of 250,000 Class U Performance Rights</p> <p>Issue of 100,000 Class V Performance Rights</p> <p>Issue of 100,000 Class W Performance Rights</p>									
2.2c.2	<p>*Please attach a document or provide details of a URL link for a document lodged with ASX detailing the terms of the +employee incentive scheme or a summary of the terms.</p> <p><i>Answer this question if your response to Q2.1 is "securities issued under an employee incentive scheme that are not being immediately quoted on ASX".</i></p>	<p>Refer ASX announcement dated 30 June 2021</p>									
2.2c.3	<p>*Are any of these +securities being issued to +key management personnel (KMP) or an +associate</p> <p><i>Answer this question if your response to Q2.1 is "securities issued under an employee incentive scheme that are not being immediately quoted on ASX".</i></p>	<p>No</p>									
2.2c.3.a	<p>*Provide details of the recipients and the number of +securities issued to each of them.</p> <p><i>Answer this question if your response to Q2.1 is "securities issued under an employee incentive scheme that are not being immediately quoted on ASX" and your response to Q2.2c.3 is "Yes". Repeat the detail in the table below for each KMP involved in the issue. If the securities are being issued to the KMP, repeat the name of the KMP or insert "Same" in "Name of registered holder". If the securities are being issued to an associate of a KMP, insert the name of the associate in "Name of registered holder".</i></p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 33%;">Name of KMP</th><th style="width: 33%;">Name of registered holder</th><th style="width: 33%;">Number of +securities</th></tr> </thead> <tbody> <tr> <td> </td><td> </td><td> </td></tr> <tr> <td> </td><td> </td><td> </td></tr> </tbody> </table>		Name of KMP	Name of registered holder	Number of +securities						
Name of KMP	Name of registered holder	Number of +securities									
2.2d.1	<p>*The purpose(s) for which the entity is issuing the +securities is:</p> <p><i>Answer this question if your response to Q2.1 is "Other".</i></p> <p><i>You may select one or more of the items in the list.</i></p> <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p><input type="checkbox"/> To raise additional working capital</p> <p><input type="checkbox"/> To fund the retirement of debt</p> <p><input type="checkbox"/> To pay for the acquisition of an asset [provide details below]</p> <p><input type="checkbox"/> To pay for services rendered [provide details below]</p> <p><input checked="" type="checkbox"/> Other [provide details below]</p> <p><i>Additional details:</i></p> <ul style="list-style-type: none"> Issue of Performance Rights to incentivise and retain Directors </div> <div style="width: 50%;"></div> </div>										

2.2d.2	Please provide any further information needed to understand the circumstances in which you are notifying the issue of these +securities to ASX, including (if applicable) why the issue of the +securities has not been previously announced to the market in an Appendix 3B <i>You must answer this question if your response to Q2.1 is "Other". If there is no other information to provide, please answer "Not applicable" or "N/A".</i>	N/A
2.3	*The +securities being issued are: <i>Tick whichever is applicable</i>	<input type="checkbox"/> Additional +securities in an existing unquoted class that is already recorded by ASX ("existing class") <input checked="" type="checkbox"/> New +securities in an unquoted class that is not yet recorded by ASX ("new class")

Part 3A – number and type of +securities being issued (existing class)

Answer the questions in this part if your response to Q2.3 is "existing class".

Question No.	Question	Answer
3A.1	*ASX security code & description	Unquoted Performance Rights (VULP)
3A.2	*Number of +securities being issued	60,000 (VULP)
3A.3a	*Will the +securities being issued rank equally in all respects from their issue date with the existing issued +securities in that class?	Yes
3A.3b	*Is the actual date from which the +securities will rank equally (non-ranking end date) known? <i>Answer this question if your response to Q3A.3a is "No".</i>	Yes
3A.3c	*Provide the actual non-ranking end date <i>Answer this question if your response to Q3A.3a is "No" and your response to Q3A.3b is "Yes".</i>	N/A
3A.3d	*Provide the estimated non-ranking end period <i>Answer this question if your response to Q3A.3a is "No" and your response to Q3A.3b is "No".</i>	-
3A.3e	*Please state the extent to which the +securities do not rank equally: <ul style="list-style-type: none"> • in relation to the next dividend, distribution or interest payment; or • for any other reason <i>Answer this question if your response to Q3A.3a is "No".</i> <i>For example, the securities may not rank at all, or may rank proportionately based on the percentage of the period in question they have been on issue, for the next dividend, distribution or interest payment; or they may not be entitled to participate in some other event, such as an entitlement issue.</i>	-

Part 3B – number and type of +securities being issued (new class)

Answer the questions in this part if your response to Q2.3 is “new class”.

Question No.	Question	Answer
3B.1	*Security description	Unquoted Performance Rights (VULS) Unquoted Performance Rights (VULT) Unquoted Performance Rights (VULU) Unquoted Performance Rights (VULV) Unquoted Performance Rights (VULW)
3B.2	*Security type <i>Select one item from the list that best describes the securities the subject of this form. This will determine more detailed questions to be asked about the security later in this section. Select “ordinary fully or partly paid shares/units” for stapled securities or CDIs. For interest rate securities, please select the appropriate choice from either “Convertible debt securities” or “Non-convertible debt securities”. Select “Other” for performance shares/units and performance options/rights or if the selections available in the list do not appropriately describe the security being issued.</i>	<input type="checkbox"/> Ordinary fully or partly paid shares/units <input type="checkbox"/> Options <input type="checkbox"/> +Convertible debt securities <input type="checkbox"/> Non-convertible +debt securities <input type="checkbox"/> Redeemable preference shares/units <input checked="" type="checkbox"/> Other
3B.3	ISIN code <i>Answer this question if you are an entity incorporated outside Australia and you are issuing a new class of securities other than CDIs. See also the note at the top of this form.</i>	
3B.4	*Number of +securities being issued	38,688 (VULS) 250,000 (VULT) 250,000 (VULU) 100,000 (VULV) 100,000 (VULW)
3B.5a	*Will all the +securities issued in this class rank equally in all respects from the issue date?	Yes
3B.5b	*Is the actual date from which the +securities will rank equally (non-ranking end date) known? <i>Answer this question if your response to Q3B.5a is “No”.</i>	N/A
3B.5c	*Provide the actual non-ranking end date <i>Answer this question if your response to Q3B.5a is “No” and your response to Q3B.5b is “Yes”.</i>	N/A
3B.5d	*Provide the estimated non-ranking end period <i>Answer this question if your response to Q3B.5a is “No” and your response to Q3B.5b is “No”.</i>	N/A

3B.5e	<p>*Please state the extent to which the +securities do not rank equally:</p> <ul style="list-style-type: none"> in relation to the next dividend, distribution or interest payment; or for any other reason <p><i>Answer this question if your response to Q3B.5a is "No".</i></p> <p><i>For example, the securities may not rank at all, or may rank proportionately based on the percentage of the period in question they have been on issue, for the next dividend, distribution or interest payment; or they may not be entitled to participate in some other event, such as an entitlement issue.</i></p>	N/A
3B.6	<p>Please attach a document or provide a URL link for a document lodged with ASX setting out the material terms of the +securities being issued</p> <p><i>You may cross reference a disclosure document, PDS, information memorandum, investor presentation or other announcement with this information provided it has been released to the ASX Market Announcements Platform.</i></p>	<p>The terms for the Class S Performance Rights (VULS) are found in the Notice of General Meeting and can be found at the following link:</p> <p>https://www.asx.com.au/asxpdf/20210524/pdf/44wr8hgmj8t2td.pdf</p> <p>The terms for the Class P, T, U, V, W Performance Rights (VULP, VULT, VULU, VULV, VULW) are listed on attached ASX announcement dated 30 June 2021.</p>
3B.7	<p>*Have you received confirmation from ASX that the terms of the +securities are appropriate and equitable under listing rule 6.1?</p> <p><i>Answer this question only if you are an ASX Listing. (ASX Foreign Exempt Listings and ASX Debt Listings do not have to answer this question).</i></p> <p><i>If your response is "No" and the securities have any unusual terms, you should approach ASX as soon as possible for confirmation under listing rule 6.1 that the terms are appropriate and equitable.</i></p>	Yes
3B.8a	<p>Ordinary fully or partly paid shares/units details</p> <p><i>Answer the questions in this section if you selected this security type in your response to Question 3B.2.</i></p>	
	<p>*+Security currency</p> <p><i>This is the currency in which the face amount of an issue is denominated. It will also typically be the currency in which distributions are declared.</i></p>	N/A
	<p>*Will there be CDIs issued over the +securities?</p>	N/A
	<p>*CDI ratio</p> <p><i>Answer this question if you answered "Yes" to the previous question. This is the ratio at which CDIs can be transmuted into the underlying security (e.g. 4:1 means 4 CDIs represent 1 underlying security whereas 1:4 means 1 CDI represents 4 underlying securities).</i></p>	N/A
	<p>*Is it a partly paid class of +security?</p>	N/A

	<p>*Paid up amount: unpaid amount <i>Answer this question if answered "Yes" to the previous question.</i> <i>The paid up amount represents the amount of application money and/or calls which have been paid on any security considered 'partly paid'</i> <i>The unpaid amount represents the unpaid or yet to be called amount on any security considered 'partly paid'.</i> <i>The amounts should be provided per the security currency (e.g. if the security currency is AUD, then the paid up and unpaid amount per security in AUD).</i></p>	N/A
	<p>*Is it a stapled +security? <i>This is a security class that comprises a number of ordinary shares and/or ordinary units issued by separate entities that are stapled together for the purposes of trading.</i></p>	N/A
3B.8b	<p>Option details <i>Answer the questions in this section if you selected this security type in your response to Question 3B.2.</i></p>	
	<p>*+Security currency <i>This is the currency in which the exercise price is payable.</i></p>	N/A
	<p>*Exercise price <i>The price at which each option can be exercised and convert into the underlying security. If there is no exercise price please answer as \$0.00.</i> <i>The exercise price should be provided per the security currency (i.e. if the security currency is AUD, the exercise price should be expressed in AUD).</i></p>	N/a
	<p>*Expiry date <i>The date on which the options expire or terminate.</i></p>	N/A
	<p>*Details of the number and type of +security (including its ASX security code if the +security is quoted on or recorded by ASX) that will be issued if an option is exercised <i>For example, if the option can be exercised to receive one fully paid ordinary share with ASX security code ABC, please insert "One fully paid ordinary share (ASX:ABC)".</i></p>	N/A
3B.8c	<p>Details of non-convertible +debt securities, +convertible debt securities, or redeemable preference shares/units <i>Answer the questions in this section if you selected one of these security types in your response to Question 3B.2.</i> <i>Refer to Guidance Note 34 and the "Guide to the Naming Conventions and Security Descriptions for ASX Quoted Debt and Hybrid Securities" for further information on certain terms used in this section</i></p>	
	<p>*Type of +security <i>Select one item from the list</i></p>	<p><input type="checkbox"/> Simple corporate bond <input type="checkbox"/> Non-convertible note or bond <input type="checkbox"/> Convertible note or bond <input type="checkbox"/> Preference share/unit <input type="checkbox"/> Capital note <input type="checkbox"/> Hybrid security <input type="checkbox"/> Other</p>
	<p>*+Security currency <i>This is the currency in which the face value of the security is denominated. It will also typically be the currency in which interest or distributions are paid.</i></p>	N/A

	<p>Face value</p> <p><i>This is the principal amount of each security.</i></p> <p><i>The face value should be provided per the security currency (i.e. if security currency is AUD, then the face value per security in AUD).</i></p>	N/A
	<p>*Interest rate type</p> <p><i>Select one item from the list</i></p> <p><i>Select the appropriate interest rate type per the terms of the security. Definitions for each type are provided in the Guide to the Naming Conventions and Security Descriptions for ASX Quoted Debt and Hybrid Securities</i></p>	<input type="checkbox"/> Fixed rate <input type="checkbox"/> Floating rate <input type="checkbox"/> Indexed rate <input type="checkbox"/> Variable rate <input type="checkbox"/> Zero coupon/no interest <input type="checkbox"/> Other
	<p>Frequency of coupon/interest payments per year</p> <p><i>Select one item from the list.</i></p>	<input type="checkbox"/> Monthly <input type="checkbox"/> Quarterly <input type="checkbox"/> Semi-annual <input type="checkbox"/> Annual <input type="checkbox"/> No coupon/interest payments <input type="checkbox"/> Other
	<p>First interest payment date</p> <p><i>A response is not required if you have selected "No coupon/interest payments" in response to the question above on the frequency of coupon/interest payments</i></p>	N/A
	<p>Interest rate per annum</p> <p><i>Answer this question if the interest rate type is fixed.</i></p>	% p.a.
	<p>*Is the interest rate per annum estimated at this time?</p> <p><i>Answer this question if the interest rate type is fixed.</i></p>	N/A
	<p>If the interest rate per annum is estimated, then what is the date for this information to be announced to the market (if known)</p> <p><i>Answer this question if the interest rate type is fixed and your response to the previous question is "Yes".</i></p> <p><i>Answer "Unknown" if the date is not known at this time.</i></p>	N/A
	<p>*Does the interest rate include a reference rate, base rate or market rate (e.g. BBSW or CPI)?</p> <p><i>Answer this question if the interest rate type is floating or indexed</i></p>	N/A
	<p>*What is the reference rate, base rate or market rate?</p> <p><i>Answer this question if the interest rate type is floating or indexed and your response to the previous question is "Yes".</i></p>	N/A
	<p>*Does the interest rate include a margin above the reference rate, base rate or market rate?</p> <p><i>Answer this question if the interest rate type is floating or indexed.</i></p>	N/A

	<p>*What is the margin above the reference rate, base rate or market rate (expressed as a percent per annum)</p> <p><i>Answer this question if the interest rate type is floating or indexed and your response to the previous question is "Yes".</i></p>	N/A
	<p>*S128F of the Income Tax Assessment Act status applicable to the +security</p> <p><i>Select one item from the list</i></p> <p><i>For financial products which are likely to give rise to a payment to which s128F of the Income Tax Assessment Act applies, ASX requests issuers to confirm the s128F status of the security:</i></p> <ul style="list-style-type: none"> • "s128F exempt" means interest payments are not taxable to non-residents; • "Not s128F exempt" means interest payments are taxable to non-residents; • "s128F exemption status unknown" means the issuer is unable to advise the status; • "Not applicable" means s128F is not applicable to this security 	<input type="checkbox"/> s128F exempt <input type="checkbox"/> Not s128F exempt <input type="checkbox"/> s128F exemption status unknown <input type="checkbox"/> Not applicable
	<p>*Is the +security perpetual (i.e. no maturity date)?</p>	N/A
	<p>*Maturity date</p> <p><i>Answer this question if the security is not perpetual</i></p>	N/A
	<p>*Select other features applicable to the +security</p> <p><i>Up to 4 features can be selected. Further information is available in the Guide to the Naming Conventions and Security Descriptions for ASX Quoted Debt and Hybrid Securities.</i></p>	<input type="checkbox"/> Simple <input type="checkbox"/> Subordinated <input type="checkbox"/> Secured <input type="checkbox"/> Converting <input type="checkbox"/> Convertible <input type="checkbox"/> Transformable <input type="checkbox"/> Exchangeable <input type="checkbox"/> Cumulative <input type="checkbox"/> Non-Cumulative <input type="checkbox"/> Redeemable <input type="checkbox"/> Extendable <input type="checkbox"/> Reset <input type="checkbox"/> Step-Down <input type="checkbox"/> Step-Up <input type="checkbox"/> Stapled <input type="checkbox"/> None of the above
	<p>*Is there a first trigger date on which a right of conversion, redemption, call or put can be exercised (whichever is first)?</p>	N/A
	<p>*If yes, what is the first trigger date</p> <p><i>Answer this question if your response to the previous question is "Yes".</i></p>	N/A

	<p>Details of the number and type of +security (including its ASX security code if the +security is quoted on ASX) that will be issued if the securities to be quoted are converted, transformed or exchanged</p> <p><i>Answer this question if the security features include "converting", "convertible", "transformable" or "exchangeable".</i></p> <p><i>For example, if the security can be converted into 1,000 fully paid ordinary shares with ASX security code ABC, please insert "1,000 fully paid ordinary shares (ASX:ABC)".</i></p>	N/A
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Part 4 – Issue details

Question No.	Question	Answer
4.1	*Have the +securities been issued yet?	Yes
4.1a	<p>*What was their date of issue?</p> <p><i>Answer this question if your response to Q4.1 is "Yes".</i></p>	30 June 2021
4.1b	<p>*What is their proposed date of issue?</p> <p><i>Answer this question if your response to Q4.1 is "No".</i></p>	
4.2	<p>*Are the +securities being issued for a cash consideration?</p> <p><i>If the securities are being issued for nil cash consideration, answer this question "No".</i></p>	No- Performance Rights
4.2a	<p>*In what currency is the cash consideration being paid</p> <p><i>For example, if the consideration is being paid in Australian Dollars, state AUD.</i></p> <p><i>Answer this question if your response to Q4.2 is "Yes".</i></p>	
4.2b	<p>*What is the issue price per +security</p> <p><i>Answer this question if your response to Q4.2 is "Yes" and by reference to the issue currency provided in your response to Q4.2a.</i></p> <p><i>Note: you cannot enter a nil amount here. If the securities are being issued for nil cash consideration, answer Q4.2 as "No" and complete Q4.2c.</i></p>	
4.2c	<p>Please describe the consideration being provided for the +securities</p> <p><i>Answer this question if your response to Q4.2 is "No".</i></p>	Nil for Performance Rights issued to Directors and staff
4.3	Any other information the entity wishes to provide about the issue	

Part 5 – Unquoted +securities on issue

Following the issue of the +securities the subject of this application, the unquoted issued +securities of the entity will comprise:

Note: the figures provided in the table in section 5.1 below are used to calculate part of the total market capitalisation of the entity published by ASX from time to time. Please make sure you include in the table each class of unquoted securities issued by the entity.

Restricted securities should be included in table 5.1.

5.1	*ASX security code and description	*Total number of +securities on issue
	Performance Rights Class F	1,250,000
	Performance Rights Class G (milestone satisfied)	250,000
	Performance Rights Class H (milestone satisfied)	990,000
	Performance Rights Class I	1,000,000
	Performance Rights Class J	2,500,000
	Performance Rights Class L	1,000,000
	Performance Rights Class M (milestone satisfied)	1,500,000
	Performance Rights Class N	1,500,000
	Performance Rights Class P	310,000
	Performance Rights Class Q	100,000
	Performance Rights Class R	100,000
	Performance Rights Class S	38,688
	Performance Rights Class T	250,000
	Performance Rights Class U	250,000
	Performance Rights Class V	100,000
	Performance Rights Class W	100,000
	Performance Shares Class C	4,400,000
	Unlisted Warrants – expiring 16 September 2023	479,519
	Unlisted Warrants – expiring 8 January 2024	32,928

Part 6 – Other Listing Rule requirements

The questions in this Part should only be answered if you are an ASX Listing (ASX Foreign Exempt Listings and ASX Debt Listings do not need to complete this Part) and:

- your response to Q2.1 is "+securities issued under an +employee incentive scheme that are not being immediately quoted on ASX"; or
- your response to Q2.1 is "Other"

Question No.	Question	Answer
6.1	<p>*Are the securities being issued under Listing Rule 7.2 exception 13¹ and therefore the issue does not need any security holder approval under Listing Rule 7.1?</p> <p><i>Answer this question if your response to Q2.1 is "securities issued under an employee incentive scheme that are not being immediately quoted on ASX".</i></p>	<p>Yes – for the issue of:</p> <ul style="list-style-type: none"> • 60,000 Class P Performance Rights; • 250,000 Class T Performance Rights; • 250,000 Class U Performance Rights; • 100,000 Class V Performance Rights; and • 100,000 Class W Performance Rights <p>No – for the issue of 38,688 Class S Performance Rights to directors as per Notice of Meeting dated 24 June 2021 and approved by shareholders at a general meeting on 24 June 2021.</p>
6.2	<p>*Has the entity obtained, or is it obtaining, +security holder approval for the issue under listing rule 7.1?</p> <p><i>Answer this question if the response to Q6.1 is "No".</i></p>	<p>No – approval under LR 7.1 is not required because the issue of 38,688 Class S Performance Rights to directors as per Notice of Meeting dated 24 June 2021 and approved by shareholders under LR 10.11 at a general meeting on 24 June 2021.</p>
6.2a	<p>*Date of meeting or proposed meeting to approve the issue under listing rule 7.1</p> <p><i>Answer this question if the response to Q6.1 is "No" and the response to Q6.2 is "Yes".</i></p>	N/A

¹ Exception 13

An issue of securities under an employee incentive scheme if within 3 years before the issue date:

- (a) in the case of a scheme established before the entity was listed – a summary of the terms of the scheme and the maximum number of equity securities proposed to be issued under the scheme were set out in the prospectus, PDS or information memorandum lodged with ASX under rule 1.1 condition 3; or
- (b) the holders of the entity's ordinary securities have approved the issue of equity securities under the scheme as an exception to this rule. The notice of meeting must have included:
 - a summary of the terms of the scheme.
 - the number of securities issued under the scheme since the entity was listed or the date of the last approval under this rule;
 - the maximum number of +equity securities proposed to be issued under the scheme following the approval; and
 - a voting exclusion statement.

Exception 13 is only available if and to the extent that the number of +equity securities issued under the scheme does not exceed the maximum number set out in the entity's prospectus, PDS or information memorandum (in the case of (a) above) or in the notice of meeting (in the case of (b) above).

Exception 13 ceases to be available if there is a material change to the terms of the scheme from those set out in the entity's prospectus, PDS or information memorandum (in the case of (a) above) or in the notice of meeting (in the case of (b) above).

6.2b	<p>*Are any of the +securities being issued without +security holder approval using the entity's 15% placement capacity under listing rule 7.1?</p> <p><i>Answer this question if the response to Q6.1 is "No" and the response to Q6.2 is "No".</i></p>	No
6.2b.1	<p>*How many +securities are being issued without +security holder approval using the entity's 15% placement capacity under listing rule 7.1?</p> <p><i>Answer this question if the response to Q6.1 is "No", the response to Q6.2 is "No" and the response to Q6.2b is "Yes".</i></p> <p><i>Please complete and separately send by email to your ASX listings adviser a work sheet in the form of Annexure B to Guidance Note 21 confirming the entity has the available capacity under listing rule 7.1 to issue that number of securities.</i></p>	N/A
6.2c	<p>*Are any of the +securities being issued without +security holder approval using the entity's additional 10% placement capacity under listing rule 7.1A (if applicable)?</p> <p><i>Answer this question if the response to Q6.1 is "No" and the response to Q6.2 is "No".</i></p>	N/A
6.2c.1	<p>*How many +securities are being issued without +security holder approval using the entity's additional 10% placement capacity under listing rule 7.1A?</p> <p><i>Answer this question if the response to Q6.1 is "No", the response to Q6.2 is "No" and the response to Q6.2c is "Yes".</i></p> <p><i>Please complete and separately send by email to your ASX listings adviser a work sheet in the form of Annexure C to Guidance Note 21 confirming the entity has the available capacity under listing rule 7.1A to issue that number of securities.</i></p>	N/A

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