

# Appendix 3Y

## Change of Director's Interest Notice

*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.*

Introduced 30/09/01 Amended 01/01/11

|                       |                          |
|-----------------------|--------------------------|
| <b>Name of entity</b> | <b>Lake Resources NL</b> |
| <b>ABN</b>            | <b>49 079 471 980</b>    |

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

|                            |                 |
|----------------------------|-----------------|
| <b>Name of Director</b>    | David Dickson   |
| <b>Date of last notice</b> | 22 October 2024 |

### Part 1 - Change of director's relevant interests in securities

*In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust*

Note: In the case of a company, interests which come within paragraph (i) of the definition of "notifiable interest of a director" should be disclosed in this part.

|                                                                                                                                                          |                                                                                                                                          |
|----------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Direct or indirect interest</b>                                                                                                                       | Direct                                                                                                                                   |
| <b>Nature of indirect interest<br/>(including registered holder)</b><br>Note: Provide details of the circumstances giving rise to the relevant interest. |                                                                                                                                          |
| <b>Date of change</b>                                                                                                                                    | 24 October 2024                                                                                                                          |
| <b>No. of securities held prior to change</b>                                                                                                            | 335,125 Ordinary Shares<br>4,000,000 Unlisted Options exercise price \$1.13 expiring 15 September 2027<br>500,000 Restricted Stock Units |
| <b>Class</b>                                                                                                                                             | Restricted Stock Units<br>Performance Stock Units                                                                                        |
| <b>Number acquired</b>                                                                                                                                   | (a) 20,445,454<br>(b) 11,688,462                                                                                                         |
| <b>Number disposed</b>                                                                                                                                   | -                                                                                                                                        |
| <b>Value/Consideration</b><br>Note: If consideration is non-cash, provide details and estimated valuation                                                | -                                                                                                                                        |

+ See chapter 19 for defined terms.

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|                                                                                                                                                                             |                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>No. of securities held after change</b>                                                                                                                                  | <b>David Dickson</b><br><br>335,125 Ordinary Shares<br><br>4,000,000 Unlisted Options exercise price \$1.13 expiring 15 September 2027<br><br>20,945,454 Restricted Stock Units<br><br>11,688,462 Performance Stock Units |
| <b>Nature of change</b><br>Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back | Performance Stock Units and Restricted Stock Units agree to be issued – refer to ASX Announcement 16 September 2024                                                                                                       |

### Part 2 – Change of director's interests in contracts

Note: In the case of a company, interests which come within paragraph (ii) of the definition of "notifiable interest of a director" should be disclosed in this part.

|                                                                                                                                                                              |     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Detail of contract</b>                                                                                                                                                    | N/A |
| <b>Nature of interest</b>                                                                                                                                                    | N/A |
| <b>Name of registered holder (if issued securities)</b>                                                                                                                      | N/A |
| <b>Date of change</b>                                                                                                                                                        | N/A |
| <b>No. and class of securities to which interest related prior to change</b><br>Note: Details are only required for a contract in relation to which the interest has changed | N/A |
| <b>Interest acquired</b>                                                                                                                                                     | N/A |
| <b>Interest disposed</b>                                                                                                                                                     | N/A |
| <b>Value/Consideration</b><br>Note: If consideration is non-cash, provide details and an estimated valuation                                                                 | N/A |
| <b>Interest after change</b>                                                                                                                                                 | N/A |

### Part 3 – <sup>+</sup>Closed period

<sup>+</sup> See chapter 19 for defined terms.

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|---------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|
| <b>Were the interests in the securities or contracts detailed above traded during a <sup>+</sup>closed period where prior written clearance was required?</b> | No  |
| <b>If so, was prior written clearance provided to allow the trade to proceed during this period?</b>                                                          | N/A |
| <b>If prior written clearance was provided, on what date was this provided?</b>                                                                               | N/A |

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<sup>+</sup> See chapter 19 for defined terms.