

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

| | |
|-----------------------|--------------------------|
| Name of entity | Lake Resources NL |
| ABN | 49 079 471 980 |

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.

| | |
|----------------------------|-----------------|
| Name of Director | David Dickson |
| Date of last notice | 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.

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

+ See chapter 19 for defined terms.

For personal use only

Appendix 3Y
Change of Director's Interest Notice

| | |
|---|---|
| No. of securities held after change | David Dickson 335,125 Ordinary Shares 4,000,000 Unlisted Options exercise price \$1.13 expiring 15 September 2027 20,945,454 Restricted Stock Units 11,688,462 Performance Stock Units |
| Nature of change 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.

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

Part 3 – ⁺Closed period

+ See chapter 19 for defined terms.

For personal use only

Appendix 3Y
Change of Director's Interest Notice

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

⁺ See chapter 19 for defined terms.

For personal use only