

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 | Stuart Crow |
| Date of last notice | 24 March 2023 |

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 and indirect |
| Nature of indirect interest (including registered holder) Note: Provide details of the circumstances giving rise to the relevant interest. | |
| Date of change | 23 October 2023 |
| No. of securities held prior to change | <ul style="list-style-type: none"> • 2,096,166 Ordinary Shares held by Geoffrey Stuart Crow • 7,903,834 held by HSBC Custody Nominees (Australia) Ltd (as nominee and custodian for shares beneficially owned by Geoffrey Stuart Crow) • 5,000,000 2019 Performance Rights held by Geoffrey Stuart Crow |
| Class | Ordinary Shares |
| Number acquired | Nil |

+ See chapter 19 for defined terms.

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| | |
|---|---|
| Number disposed | Nil |
| Value/Consideration Note: If consideration is non-cash, provide details and estimated valuation | N/A |
| No. of securities held after change | <ul style="list-style-type: none"> • 10,000,000 held by HSBC Custody Nominees (Australia) Ltd (as nominee and custodian for shares beneficially owned by Geoffrey Stuart Crow) • 5,000,000 2019 Performance Rights held by Geoffrey Stuart Crow |
| Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back | Change of custodian and nominee only. Mr Crow retains full beneficial interest in the shares therefore there is no reduction in his total relevant interest in the company. |

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 |

+ See chapter 19 for defined terms.

Part 3 – ⁺Closed period

| | |
|---|-----|
| 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.