

Appendix 3Y
Change of Director's Interest Notice

No. of securities held prior to change	<p><u>Direct</u></p> <p>1,250,000 Unlisted options, exercisable at \$0.19 (19 cents) per option on or before 24 November 2019</p> <p><u>Indirect</u></p> <p>1,825,360 Fully paid ordinary shares</p>
Class	<p>Fully paid ordinary shares</p> <p>Unlisted options, exercisable at \$0.19 (19 cents) per option on or before 24 November 2019</p>
Number acquired	(1) 1,250,000 Fully paid ordinary shares
Number disposed	<p>(1) 1,250,000 Unlisted options</p> <p>(2) 1,250,000 Fully paid ordinary shares</p>
Value/Consideration <small>Note: If consideration is non-cash, provide details and estimated valuation</small>	<p>(1) Issue price of \$0.19 (19 cents) per share \$237,500</p> <p>(2) \$281,250</p>
No. of securities held after change	<p><u>Indirect</u></p> <p>1,825,360 Fully paid ordinary shares</p>
Nature of change <small>Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back</small>	<p>(1) Exercise of Unlisted options</p> <p>(2) Off-market disposal</p>

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

+ See chapter 19 for defined terms.

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No. and class of securities to which interest related prior to change <small>Note: Details are only required for a contract in relation to which the interest has changed</small>	N/A
Interest acquired	N/A
Interest disposed	N/A
Value/Consideration <small>Note: If consideration is non-cash, provide details and an estimated valuation</small>	N/A
Interest after change	N/A

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.