

Appendix 3X

Initial 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 30/9/2001.

Name of entity	Rex Minerals Ltd
ABN	12 124 960 523

We (the entity) give ASX the following information under listing rule 3.19A.1 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Brian Phillips
Date of appointment	11 February 2010

Part 1 - Director's relevant interests in securities of which the director is the registered holder

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.

Number & class of securities NIL
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+ See chapter 19 for defined terms.

Appendix 3X
Initial Director's Interest Notice

Part 2 – Director's relevant interests in securities of which the director is not the registered holder

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

Name of holder & nature of interest	Number & class of Securities
Note: Provide details of the circumstances giving rise to the relevant interest. Thylacine Pty Ltd	321,409

Part 3 – 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	NIL
Nature of interest	
Name of registered holder (if issued securities)	
No. and class of securities to which interest relates	

+ See chapter 19 for defined terms.

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Introduced 30/9/2001.

Name of entity	Rex Minerals Ltd
ABN	12 124 960 523

We (the entity) give ASX the following information under listing rule 3.19A.1 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Geoffrey Lowe
Date of appointment	11 February 2010

Part 1 - Director's relevant interests in securities of which the director is the registered holder

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.

Number & class of securities 600,000 options, fully vested at an exercise price of \$0.25, expiring 30 June 2011
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Part 2 – Director's relevant interests in securities of which the director is not the registered holder

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

Name of holder & nature of interest	Number & class of Securities
Note: Provide details of the circumstances giving rise to the relevant interest.	NIL

Part 3 – 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	NIL
Nature of interest	
Name of registered holder (if issued securities)	
No. and class of securities to which interest relates	

+ See chapter 19 for defined terms.