Rule 3.19A.2

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 30/9/2001.

Name of entity ARCHER EXPLORATION LIMITED
ABN 64 123 993 233

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	Alice McCleary
Date of last notice	28 August 2009

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 (a) Indirect (b)
Nature of indirect interest (including registered holder) Note: Provide details of the circumstances giving rise to the relevant interest.	Alice Mc Cleary Superannuation Fund Robin Lawry, child of A McCleary Duncan Lawry, child of A McCleary
Date of change	11th, 12th, and 13th February 2010
No. of securities held prior to change	(a) **Direct** • 365,000 bonus options with 25 cent exercise price expiring 13 February 2010 (**Bonus Options**) (b) **Indirect** • 1,500,000 ordinary fully paid shares • 385,000 bonus options with 25 cent exercise price expiring 13 February 2010 (**Bonus Options**)
Class	Ordinary fully paid shares
Number acquired	240,000 acquired on 11 and 12 February 2010
Number disposed	750,000 Bonus Options

+ See chapter 19 for defined terms.

Value/Consideration Note: If consideration is non-cash, provide details and estimated valuation	$40,907 for fully paid ordinary shares
No. of securities held after change	**Indirect** 1,740,000 ordinary fully paid shares
Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	240,000 ordinary fully paid shares purchased on market. 750,000 Bonus options expired 13 February 2010 without being exercised with no value.

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	Nil
Nature of interest	
Name of registered holder (if issued securities)	
Date of change	
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	
Interest acquired	
Interest disposed	
Value/Consideration Note: If consideration is non-cash, provide details and an estimated valuation	
Interest after change	

+ See chapter 19 for defined terms.