



Australian Securities Exchange
Level 8
Exchange Plaza
2 The Esplanade
PERTH WA 6000

Dear Sir/Madam

SOUTHERN HEMISPHERE MANAGING DIRECTOR INCREASES HOLDING

Southern Hemisphere Mining Limited (the "Company") advises that its Managing Director, Trevor Tennant, and his associates have increased their relevant interest in the Company through an on-market purchase of 3,000,000 Chess Depositary Interests ("CDIs") on 17 January 2013, so that he now has a relevant interest in 19,682,489 shares/CDIs of the Company.

On the basis of 19,682,489 shares/CDIs, Mr Trevor Tennant currently has a voting power of 11.38% in the Company. His previous holding was 9.65%.

Southern Hemisphere also notes that another major shareholder, UK-based fund manager Genesis Investment Management, LLP, on 17 January 2013 reported an increase in its holding in the Company from 10,320,762 CDIs (representing a 6.75% relevant interest) to 14,357,658, representing a relevant interest of 8.3%.

The Company became aware that Mr Yang Xifu and his associates had ceased to have a substantial holding in the Company within the meaning of section 671B of the Corporations Act. To the best of the knowledge of the Company, Mr Yang Xifu ceased to be a substantial holder on 17 January, 2013.

Southern Hemisphere's Managing Director, Trevor Tennant, said Mr Yang had originally invested in the Company for exposure to its manganese assets.

"I would like to take this opportunity to thank Mr Yang for his strong support of Southern Hemisphere since inception," he said. "Given our focus is now on the exploration and development of our copper-gold assets in Chile – in particular our flagship Llahuin Copper/Gold Project, which is being progressed in development with Lundin Mining Corporation – we fully understand his decision to exit his holding."

"I am pleased that this transition in our share register has been effectively and seamlessly managed with both myself and another major shareholder, Genesis Investment Management, acquiring part of Mr Yang's holding," he said.



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“This represents a strong vote of confidence in the future growth potential of the Company as we progress aggressive drilling programs at the Llahuin Copper/Gold Project during 2013.”

As part of its admission to the Official List of the ASX in December 2009, Southern Hemisphere undertook to inform the market on becoming aware of a change in the number of equity securities in which a substantial holder has a relevant interest within the meaning of section 608 of the Corporations Act 2001 of Australia.

The Company provides this update in accordance with that undertaking.

Yours sincerely



Derek Hall
Company Secretary

