

# HANNANS

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## Nickel Targets at Forrestania Project

**Nickel sulphide potential confirmed at Forrestania Project along strike from world class Flying Fox nickel mine**

**Comprehensive review of databases by independent consulting firm Newexco Exploration Pty Ltd identifies several high priority nickel sulphide targets**

**Hannans to review Newexco report, recommence nickel joint venture process and consider alternative proposals from third parties**

**Applications for clearing of native vegetation to enable testing of drill ready nickel targets, and completion of additional EM surveys to refine geophysical anomalies, will be lodged with the relevant government authorities next month**

Hannans Ltd (ASX:HNR) advises shareholders that independent consulting firm Newexco Exploration Pty Ltd ("Newexco") recently completed its detailed review of Hannans' Forrestania Nickel Project ("FNP"), located approximately 120km south of Southern Cross and 80kms east of Hyden, in the Goldfields region of Western Australia.

The FNP is located adjacent to, and north of the world class Flying Fox nickel sulphide mine. The Newexco team that undertook the review included geoscientists that have played major roles in the discovery of nickel deposits at Forrestania including Flying Fox and Spotted Quoll<sup>1</sup>. This is the first review completed by Newexco of Hannans' exploration databases. The review identified numerous targets and made several recommendations that might lead to discovery of the next nickel sulphide deposit at Forrestania.

### Background

Hannans' tenure is located within the Forrestania Greenstone Belt which has a length of ~250 kilometres, a width ranging from ~5 to 35 kilometres and is subdivided into six ultramafic belts namely the Western, Mid-Western, Takashi, Central, Mid-Eastern and Eastern (refer Figure 1 on page 2).

The Western ultramafic belt is regionally the most well-endowed with nickel-sulphide mineralisation. The Spotted Quoll, New Morning, Beautiful Sunday and Flying Fox<sup>2</sup> nickel sulphide deposits are all located within the Western ultramafic belt. Hannans tenure covers a significant strike length of the Western, Mid-Western and Takashi ultramafic belts and minor parts of the Central and Mid-Eastern ultramafic belts.

The Forrestania Greenstone Belt hosts several different nickel sulphide mineralisation settings and styles including basal massive sulphides, matrix sulphides, disseminated sulphides in cumulates and remobilised massive sulphides<sup>3</sup>. The nickel deposits are generally associated with olivine cumulate ultramafic rocks, however mineralisation may occur in a range of rock types / settings and exhibit a range of geophysical responses.

The outcome of the Newexco review was that it identified:

- untested coincident geophysical/geochemical anomalies (i.e. high priority targets);
- geophysical anomalies (short strike-length EM anomalies i.e. nickel sulphide targets) occurring adjacent to large formational conductors (i.e. conductive sediments and or BIF);

<sup>1</sup> Flying Fox and Spotted Quoll are owned by Western Areas NL (not Hannans Ltd).

<sup>2</sup> All of these deposits are owned by Western Areas NL (not Hannans Ltd).

<sup>3</sup> There are five different settings to nickel sulphide mineralisation at Flying Fox.

**HANNANS LTD**  
ASX:HNR ABN:52 099 862 129

Level 11, London House  
216 St Georges Tce  
Perth WA 6000  
Postal address: PO Box 1227  
West Perth WA 6872

T: +61 (8) 9324 3388  
E: info@hannansreward.com  
W: www.hannansreward.com  
Twitter: @hannansreward  
Facebook: Hannans

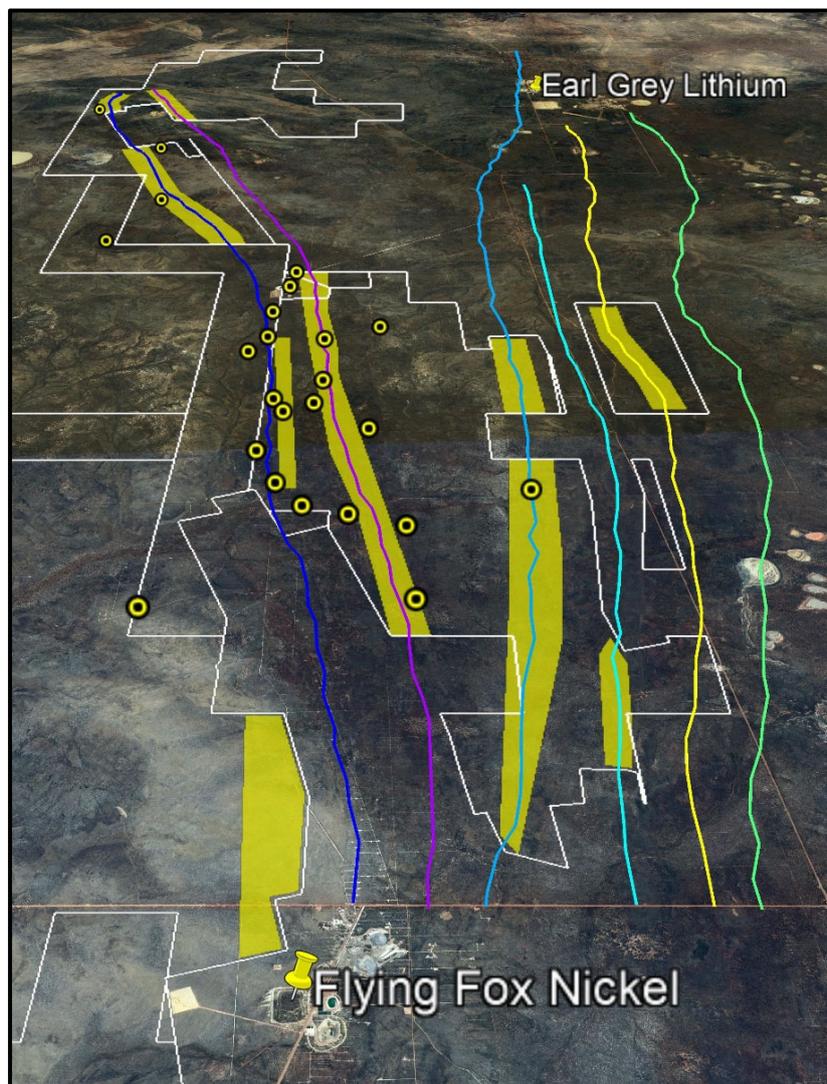
- geochemical anomalism (Ni, Cu, PGE);
- significant anomalism in belts other than the Western and Eastern ultramafic belts; and
- geological areas of interest that lack historic exploration coverage.

Next Steps

Hannans will review the Newexco report and consider its strategic and operational implications.

Hannans previously advised shareholders it will seek a joint venture partner to share the risks and rewards of exploration for an economic nickel sulphide deposit at Forresteria. The Company will now recommence the joint venture process and consider alternative proposals from third parties seeking access to this highly prospective nickel sulphide project.

Ground disturbing applications will be lodged with the government seeking approval to commence the next phase of drilling and geophysical surveying, whether that be funded by a strategic partner or Hannans.



**Figure 1:** Location Map showing Hannans' Forresteria Nickel Project. Hannans tenements in white. Hannans targets from the Newexco Report comprise a mixture of geological, geochemical and geophysical targets highlighted by the yellow circles with black centres. The yellow shaded areas are underexplored and recommended for significant EM coverage. From west to east the coloured lines represent the Western, Mid-Western, Takashi, Central, Mid-Eastern and Eastern ultramafic units. The world class Flying Fox nickel sulphide mine (not owned by Hannans Ltd) is in the foreground. Image looking North. Distance from Flying Fox to Earl Grey is ~38kms.

For further information, please contact:

Damian Hicks  
Executive Director  
+61 8 9324 3388 (W)  
[damianh@hannansreward.com](mailto:damianh@hannansreward.com) (E)

### **About Hannans Ltd (Est. 2002)**

Hannans Ltd (ASX:HNR) is an Australia resources company with a focus on nickel, lithium, cobalt and gold in Western Australia. Hannans' major shareholder is leading Australian specialty minerals company Neometals Ltd. Since listing on the ASX in 2003 Hannans has signed agreements with Vale Inco, Rio Tinto, Anglo American, Boliden, Scandinavian Resources, Warwick Resources, Cullen Resources, Azure Minerals, Neometals, Tasman Metals, Grängesberg Iron, Lovisagruvan and Montezuma Mining Company. Shareholders at various times since listing have included Rio Tinto, Anglo American, OM Holdings, Craton Capital and BlackRock. For more information, please visit [www.hannansreward.com](http://www.hannansreward.com).

### **Competent Person**

The information in this document that relates to exploration results at Forrestania is based on information compiled by Adrian Black, a Competent Person who is a Member of the AIG (1364). Adrian Black is a consultant to Hannans Ltd and its subsidiary companies. Adrian Black has sufficient experience, which is relevant to the style of mineralisation and types of deposits under consideration and to the activity which has been undertaken to qualify as a Competent Person as defined in the 2012 edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code).