

## ASX Release

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Monday 12 October

### AVANCO RESOURCES LIMITED

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**For the latest news:**  
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**Directors / Officers:**  
Matthew Wood  
Tony Polglase  
Scott Funston  
Antonio Madalosso

**Issued Capital**  
Approx. 298 million shares  
Approx. 74.4 million (\$0.20)  
options  
Approx. 156.4 million (\$0.015)  
options

**ASX Symbol: AVB, AVBO,  
AVBOB**

# NICKEL SULPHIDE DRILLING COMMENCES

The Company is very pleased to announce that it has commenced exploration drilling at its recently discovered nickel sulphide target on the 100% owned Trindade South Property in the Carajas Province of Brazil.

Diamond core drilling will progress through the differentiated mafic sill with the aim of testing a previously identified high order electromagnetic (EM) target. The Company is also considering additional EM surveys in addition to Induced Polarisation (IP) geophysical surveys to define further exploration drill targets across the sill.

- The Company has identified a significant nickel sulphide exploration target on its Trindade South Project. This target is of a similar geological model to Mirabela Nickel's giant Santa Rita Nickel Project also in Brazil. Compilation of previous exploration indicates that an extensive nickel soil anomaly is present.
- Peak responses from the soil geochemistry are 2,192ppm nickel, 846ppm copper and 26ppb platinum.
- The soil anomaly is associated with a high quality EM anomaly.
- Drilling of the Project by a past explorer intersected significant widths of pyrrhotite (iron sulphide) mineralisation within a Proterozoic aged differentiated mafic sill.
- Past drilling of a single hole intersected 9 metres at 0.12% copper from 139 metres and 5 metres at 0.28% copper from 288m. These values are typical of copper levels associated with other differentiated mafic sill hosted nickel sulphide deposits globally.
- No nickel analytical work has been undertaken on previous drilling and the core samples are no longer available.

Further field reconnaissance by the Company has led to the discovery of several nickel mineralised gossans. Analysis of gossan rock chips have since returned results of up to 0.16% nickel. The above investigations and field work by Avanco has concluded that Trindade South has the correct geological setting to support the potential existence of significant nickel sulphide mineralisation.



**0.16% Nickel Gossan from  
Trindade South Project**



**Trindade South Project Area**

The Carajas Province is regarded as one of the most prospective mineral regions in the world and hosts world class nickel, copper, gold and iron ore deposits.

Avanco's current exploration drilling program is a further strengthening of its presences in the Carajas Province and complements development and permitting activities on-going at the Company's proximal high grade Carajas Copper Project.

**Matthew Wood  
Chairman**

*The information in this report that relates to Mineral Resources and Exploration Results are based on information compiled by Mr Matthew Wood who is a Member of the Australian Institute of Mining and Metallurgy. Mr Wood is the Chairman of Avanco Resources Limited. Mr Wood has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Wood consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*