



13th December 2017

ASX Announcement

Predictive Discovery Limited is a gold exploration company with strong technical capabilities focused on its advanced gold exploration projects in West Africa.

ASX: PDI

Issued Capital: 236 million shares

Share Price: 3.4 cents

Market Capitalisation: \$8.0M

Directors

Phillip Jackson
Non-Exec Chairman

Paul Roberts
Managing Director

David Kelly
Non-Executive Director

Power Auger Drilling Commences in Burkina Faso

Predictive Discovery Limited (ASX: PDI) is pleased to advise that Joint Venture partner, Progress Minerals International Inc (Progress) has commenced power auger drilling on PDI's Burkina Faso projects:

- A large power auger program has commenced on the Bira and Kalinga permits (Figure 1). The current plan consists of 2,700 holes, however Progress expect to keep the rig running through most of the field season so it is expected to be much larger than that.
- RC drilling is expected to commence by early February 2018.
- Progress may earn up to 70% of the existing Predictive permits and any other ground acquired within an area of influence (Figure 1) by expenditure of US\$5 million.

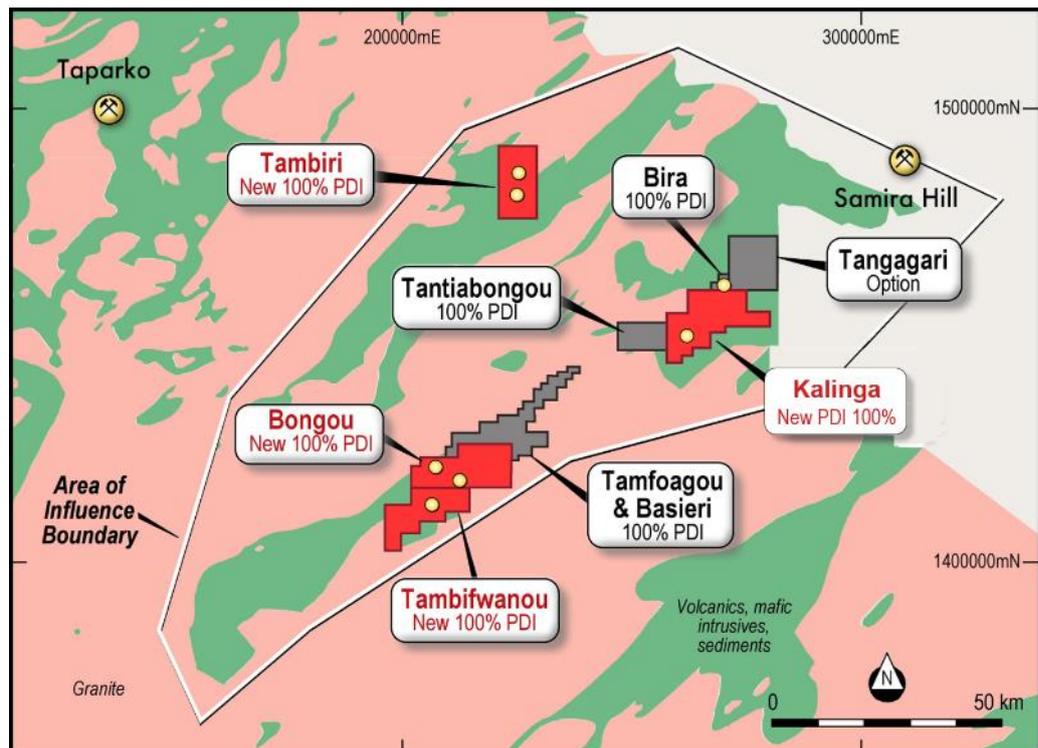


Figure 1: Locality map of PDI permits in eastern Burkina Faso, showing location of the Company's permits on a geology background plus the area of influence for the Progress Minerals Joint Venture. Red coloured polygons are new permits replacing old permits which reached the end of their terms in July 2017.

Mr Paul Roberts, PDI's Managing Director said: "We are pleased that power auger drilling has now commenced on the Burkina Faso joint venture. We look forward to an ongoing acceleration in Progress's exploration activities in Burkina Faso leading to RC drilling in the March Quarter of 2018."

Predictive Discovery Limited (PDI) was established in late 2007 and listed on the ASX in December 2010. The Company is focused on exploration for gold in West Africa. The Company operates in Burkina Faso, West Africa where it has assembled a substantial regional ground position covering 949km² and has been exploring for large, open-pittable gold deposits. Exploration in eastern Burkina Faso has yielded a large portfolio of exciting gold prospects, including the high grade Bongou gold deposit on which a resource estimate was calculated in September 2014. PDI also has interests in a large portfolio of permits and permit applications in Côte D'Ivoire covering a total area of over 6,000 km².

Competent Persons Statement

The exploration results reported herein, insofar as they relate to mineralisation are based on information compiled by Mr Paul Roberts (Fellow of the Australian Institute of Geoscientists). Mr Roberts is a full time employee of the company and has sufficient experience relevant to the style of mineralisation and type of deposits being considered to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Roberts consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

For further details please contact:

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