



2nd October 2014

Consolidation of Ground in North-East Burkina Faso

Predictive Discovery Limited (ASX: PDI) is pleased to announce that it has signed an agreement with neighbouring Burkina Faso tenement holders Golden Rim Resources (ASX: GMR) and Roxgold Inc (TSX-V: ROG), in which the three parties have agreed to cooperatively seek a JV partner for a group of exploration permits, covering approximately 1,500km² in the Sebba Belt in north-eastern Burkina Faso (Figure 1).

The Sebba Belt permits include a series of prospects from which high grade drill intersections have been obtained, including:

Solna¹

- SOLRC011 - **6m at 20.5g/t Au from 40m including 1m at 111g/t Au**
- SOLRC008 - **2m at 55.8g/t Au from 65m including 1m at 93.3g/t Au**
- SOLDD003 – **5.6m at 16.1g/t Au from 205.4m including 1m at 80.7g/t Au**

Tambiri¹

- TMBRC007 – **5m at 17.1g/t Au from 96m including 1m at 71.7g/t Au**
- TMBDD001 – **3m at 18.6g/t Au from 58m including 1m at 51.3g/t Au**

Komondi²

- KRC003 - **1m at 87.2g/t gold from 16m**

These results indicate that the ground has significant potential for the discovery of high grade gold resources.

The three companies have decided to combine their ground to maximise the potential for identifying sufficient high grade gold mineralisation to support a large profitable mining operation. PDI, GMR and ROG are all focused on projects elsewhere in Burkina Faso. The three companies have agreed to seek external funding so that effective exploration of this ground can continue, ideally commencing in the next few months. PDI's equity in the shared arrangement prior to dilution by an incoming JV partner will be 45%.

Mr Paul Roberts, PDI's Managing Director said: *"Our clear focus is now on exploring ground in the Bongou District, where we have recently announced a high grade resource³. Execution of this agreement is an important additional step in ensuring that active exploration will continue on our highly prospective ground positions elsewhere in West Africa without detracting from our ongoing work around Bongou."*

¹ Drill results reported by PDI to the ASX in Quarterly Reports of June 2011, December 2011, March 2012 and June 2012. This information was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

² Drill results reported to the ASX by GMR on 6th May, 2013

³ 184,000oz in the Inferred and Indicated Mineral Resource categories with an average grade of 2.6g/t Au including 136,000oz at 3.8g/t Au (ASX release dated 4 September, 2014)

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: 388M shares

Market Capitalisation: \$3.1M

Directors

Phillip Harman
Non-Exec Chairman

Paul Roberts
Managing Director

Phil Henty
Non-Executive Director

Tim Markwell
Non-Executive Director

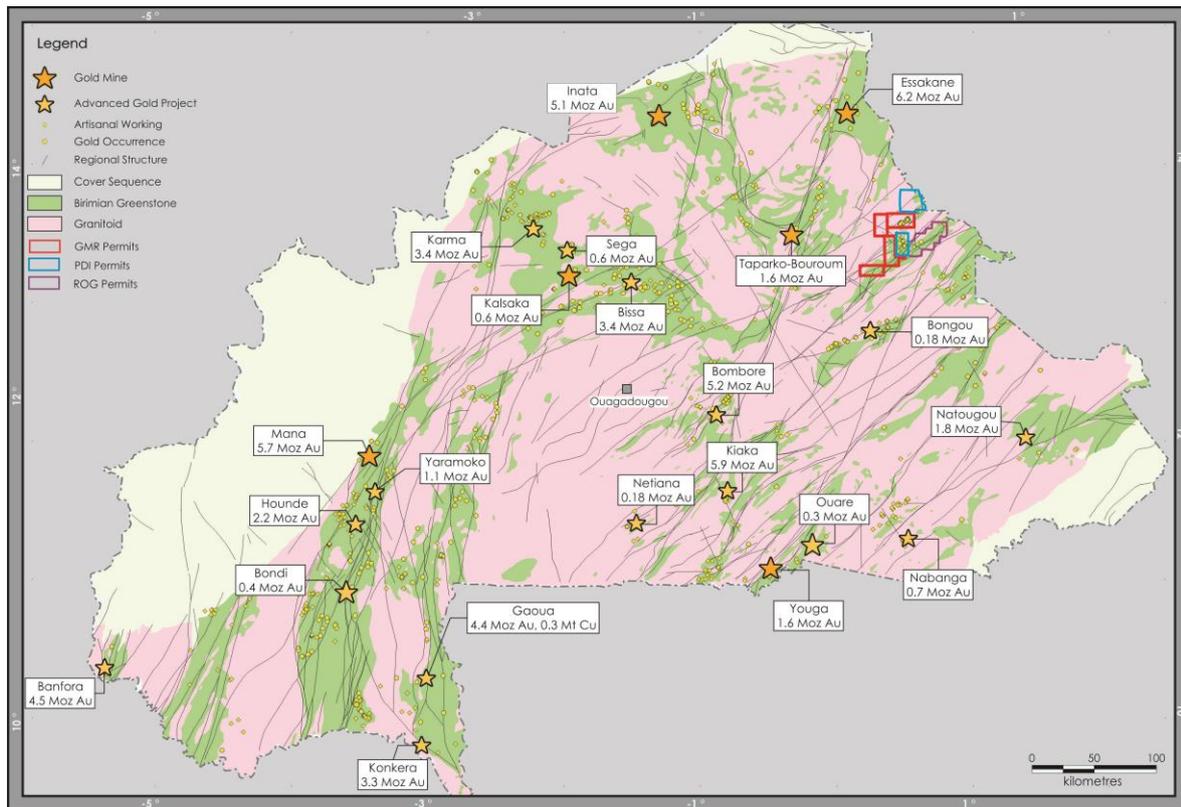


Figure 1: Geological Map of Burkina Faso showing the location of the PDI, GMR and ROG permits on the Sebba Belt

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's major focus is in Burkina Faso, West Africa where it has assembled a substantial regional ground position totalling 1,605km² and is exploring for large open-pittable gold deposits. Exploration in eastern Burkina Faso has yielded a large portfolio of exciting gold prospects, including the Bongou trend where a series of high-grade gold drill intercepts have been obtained recently. PDI also has interests in a strategic portfolio of tenements in Côte D'Ivoire covering a total area of 1534 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.

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