

EXPLORATION RAMPING UP IN COTE D'IVOIRE AND GUINEA

Predictive Discovery Limited (**Predictive** or **Company**) is pleased to provide an update on gold exploration activities on its joint venture projects in Cote D'Ivoire (operated by Resolute Mining - ASX:RSG), and its 100%-owned projects in Guinea.

COTE D'IVOIRE

Diamond drilling (DD) at the **Ferkessedougou North Project** is now scheduled to begin in January 2020, where it will follow up the exciting new Ouarigue South gold discovery, that is already known to be up to 100m wide and at least 210m long, and is open to the south and at depth. Diamond drill results from Ouarigue South (first reported in June¹) include:

- **45.3m at 3.16g/t gold** from 45.9m including **9m at 10.31g/t gold**,
- **39.7m at 3.54g/t gold** from 51.4m including **4.5m at 11.00g/t gold**
- **10.9m at 1.94g/t gold** from 95.7m
- **4.7m at 6.14g/t gold** from 134m

Resolute Mining has advised that late heavy rains in the area restricted drill access to Ouarigue South resulting in a delay to the start date for drilling. Resolute has reaffirmed that it shares Predictive's strong interest in the prospect and looks forward to the re-commencement of drilling.

Apart from the planned diamond drilling, further exploration work along the 17km-long Ferkessedougou North gold-in-soil trend is expected in the coming months and will be announced once the work plan is finalised by Resolute Mining.

At the **Boundiali Project**, Air Core drilling is also planned for the March Quarter in 2020, focused on the 4km of untested gold-in-soil geochemical anomalies directly along strike from the Nyangboue gold deposit. Follow-up RC drilling is expected subsequently.

GUINEA

The Company is engaged in drill target definition across its 100%-owned **Kankan, Kaninko** and **Nonta Projects**, with Air Core and RC drilling expected to commence in the March 2020 quarter. Predictive continues to evaluate other properties in Guinea and expects to expand in its ground position in the country in the coming months, with a focus on the highly prospective Siguiri Basin which hosts AngloGold's +10Moz Siguiri Mine.

At Kaninko, results are pending from the first phase of soil sampling covering a 17km² area on a 400 x 50m spaced sampling grid, with follow-up infill soil sampling expected over gold-anomalous zones, designed to vector down on potential drill targets. Other work will include a BLEG stream sediment sampling survey over both the Kaninko permit and the adjacent Saman (Kaninko North) Reconnaissance Authorisation.

¹ ASX Announcement - CONFIRMATION OF SIGNIFICANT NEW GOLD DISCOVERY AT FERKESSEDOUGOU NORTH, COTE D'IVOIRE
<https://www.investi.com.au/api/announcements/pdi/02e800f8-176.pdf>

Follow-up infill soil geochemical sampling is now in progress at the Kankan Project. Planned ground geophysics there is scheduled to commence in December.

At Nonta, a power auger drill program is scheduled to commence in the next week, following up gold-in-soil anomalous zones recorded previously.

Predictive advises that it is not aware of any new information or data that materially affects the exploration results contained in this announcement.

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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About Predictive Discovery

Predictive Discovery is a West African focused gold explorer with a portfolio of 21 exploration projects and applications strategically located in the prolific Birimian greenstone belts of Guinea, Cote d'Ivoire and Burkina Faso.

The Company has begun work on its five 100%-owned exploration properties in Guinea with a 500km² landholding in the highly prospective but underexplored Siguiri Basin, which contains AngloGold's world-class Siguiri Mine (+10Moz). All permits are located close to widespread artisanal workings with drilling expected to begin in early 2020.

