

POWER AUGER DRILLING UNDERWAY AT NORTH EAST BANKAN, GUINEA

HIGHLIGHTS

- ▶ Power auger drilling has now re-started on the Kaninko Gold Project with a program designed to explore the full horizontal extent of the recent NE Bankan gold discovery.
- ▶ The planned 189-hole (3,500m) program will quadruple power auger coverage of the NE Bankan prospect, extending north-south drill coverage from the current 450m of strike to 1700m of strike.
- ▶ Both the northern and southern extensions of the **12.8 hectare plus 0.25g/t Au gold anomaly** at the NE Bankan Prospect will be tested, starting immediately south of hole KKOAC001 which intersected **46m at 6.58g/t gold from 4m, including 10m at 26.52 g/t gold from 34m¹**
- ▶ Initial assay results will be released in the next three weeks and will be used to guide follow-up air core or RC drilling along strike from the NE Bankan gold deposit.
- ▶ Additional drilling programs to follow up the NE Bankan gold discovery will be announced as soon as drill contracts are finalised.



Figure 1 – Power auger drilling on the Kaninko Gold Project, Guinea

¹ ASX Announcement - 15 April 2020 - OUTSTANDING DRILL RESULTS CONFIRM NEW GOLD DISCOVERY IN GUINEA
<https://www.investi.com.au/api/announcements/pdi/125cd27c-691.pdf>

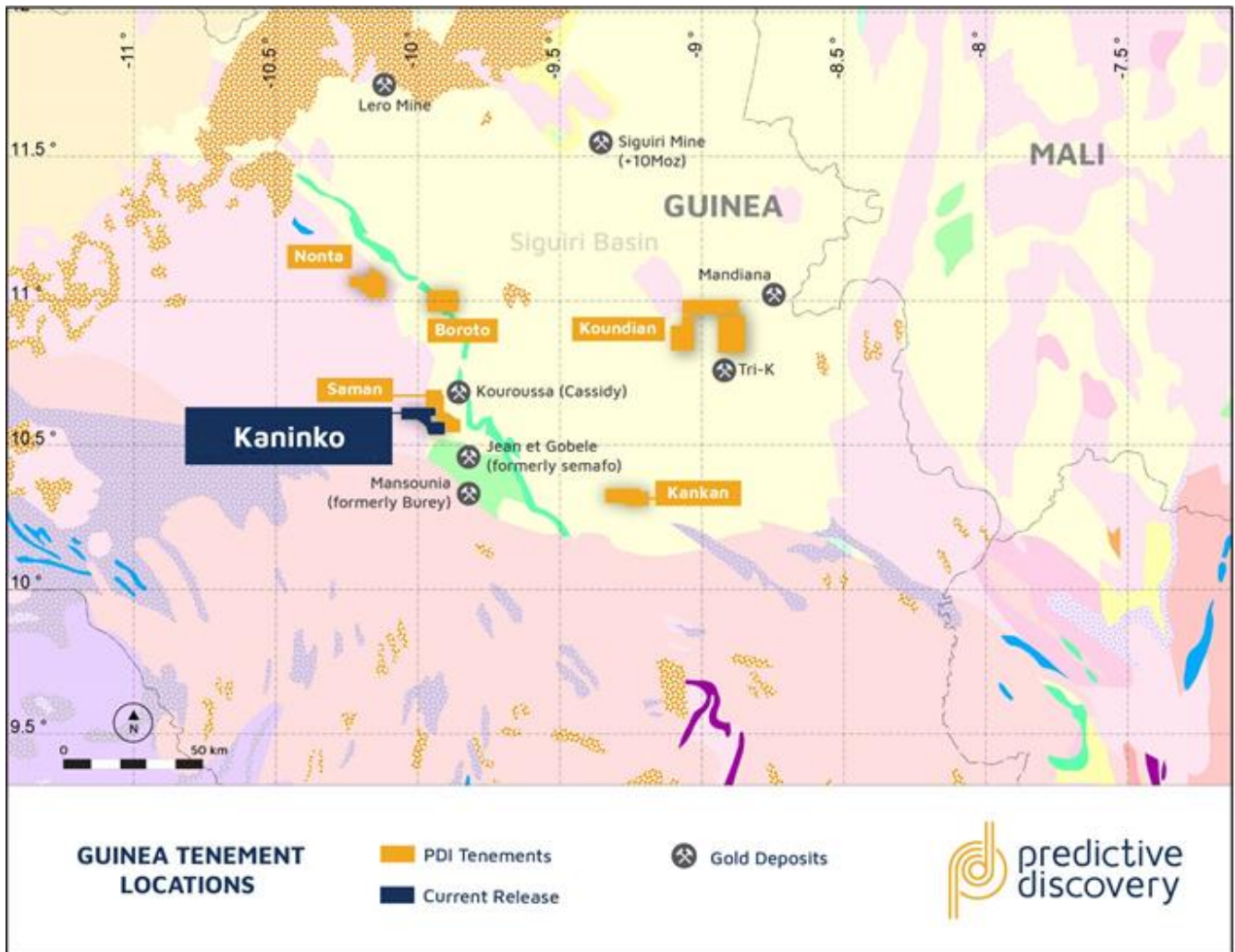


Figure 2 – Predictive Discovery Project Location Map, Guinea, highlighting Kaninko Project

Predictive Discovery Limited (“Predictive” or “Company”) (ASX: PDI) is pleased to advise that power auger drilling is underway at the Company’s 100%-owned Kaninko Gold Project (Figure 2), located in Guinea.

The planned 189-hole (3,500m) program is designed to follow up on the **NE Bankan gold discovery** by drilling for extensions to the gold mineralised system to the north and south. The program has begun by testing the area immediately south of the southernmost air core drill line reported on 15 April 2020 which included the KKOAC001 drill intercept of **46m at 6.58g/t Au from 4m²** which ended in gold mineralisation (Figure 3).

Power auger drilling is being undertaken by Sahara Mining Services. Holes will be drilled on a 900m wide, 80m x 80m square grid and are expected to be up to 20m deep. The grid will cover distances of approximately 600m to the north and 600m to the south of the current 450m long auger grid.

² ASX Announcement – 15 April 2020 - OUTSTANDING DRILL RESULTS CONFIRM NEW GOLD DISCOVERY IN GUINEA
<https://www.investi.com.au/api/announcements/pdi/125cd27c-691.pdf>

Auger samples will be assayed for gold at the SGS laboratory in Bamako, Mali. First results are expected within 3 weeks, and results are expected to continue for some weeks thereafter as the program continues.

Additional drilling (air core, reverse circulation and/or diamond drilling) is currently being planned to follow up on the NE Bankan gold discovery and will be announced once drill contracts are finalised.

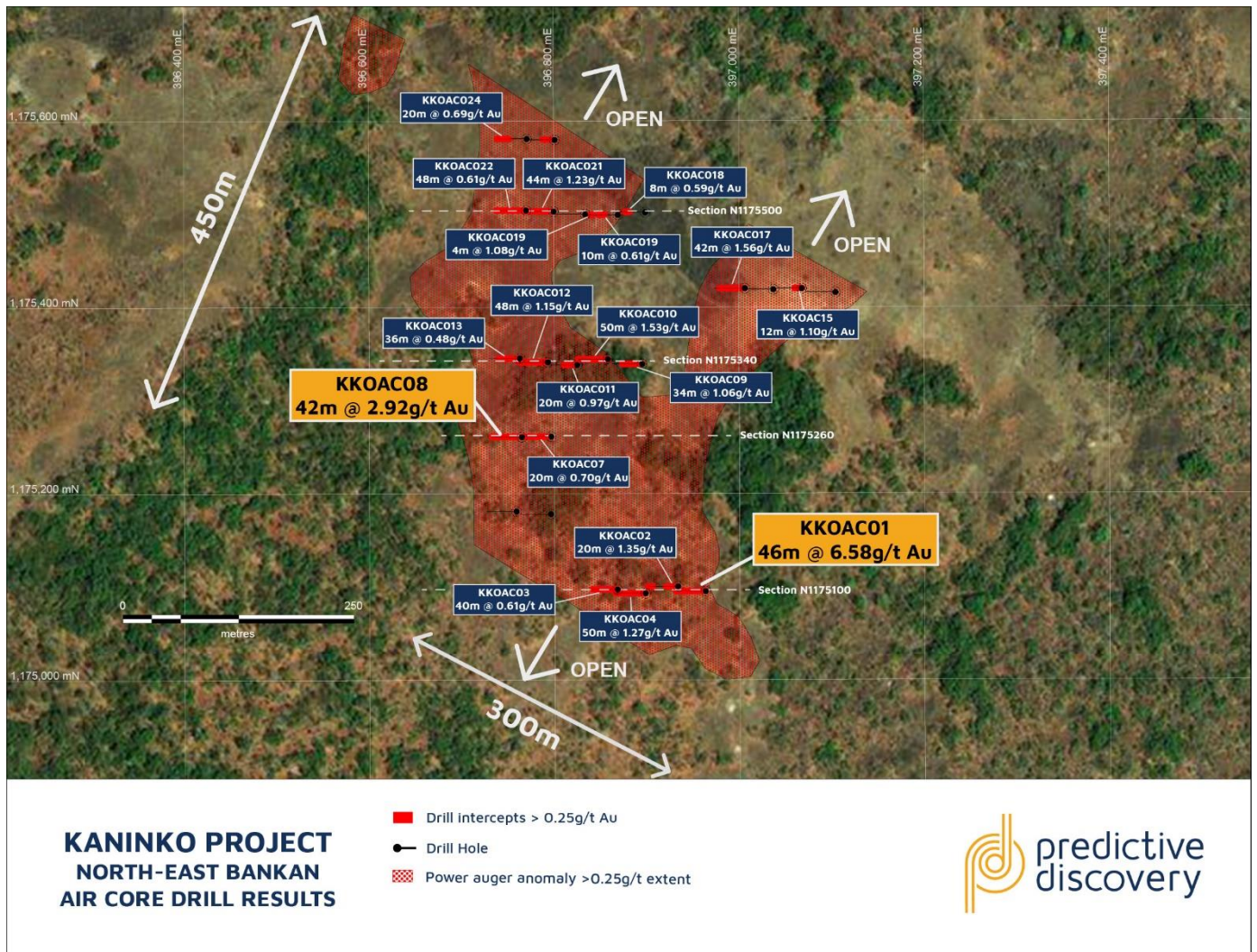


Figure 3 – North-East Bankan Prospect, Drill Hole Location Plan with AC/RC drill traverses showing significant gold intercepts including hole KKOAC001 (from ASX release dated 15 April 2020).

- END -

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 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.

This announcement is authorised for release by Predictive Discovery Managing Director, Paul Roberts.

For further information please contact:

Paul Roberts

Managing Director

Tel: +61 402 857 249

Email: paul.roberts@predictivediscovery.com

Bruce Waddell

Company Secretary

Tel: +61 8 6143 1840

Email: bruce.waddell@predictivediscovery.com

About Predictive Discovery

100%-OWNED GUINEA PORTFOLIO

Predictive holds approximately 800km² of prospective landholdings across nine permits/authorisations in Guinea, all containing artisanal gold workings.

All projects are within the Siguiiri Basin which hosts AngloGold's large Siguiiri Mine (+10Moz), the Siguiiri Basin forms part of the richly mineralised West African Birimian gold belt.

JOINT VENTURE PORTFOLIO

Predictive holds a number important Joint Ventures across Cote D'Ivoire and Burkina Faso. The Cote D'Ivoire joint venture has provided Predictive with an experienced and well-funded project partner (Resolute Mining) to manage our exciting Ferkessedougou North and Boundiali Projects.

