

**ASX:TRE**

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ASX ANNOUNCEMENT 22 JANUARY 2024

DFS UPDATE CONFIRMS LARGER SCALE STRATEGY FOR KOBADA DEVELOPMENT

Toubani Resources, Inc (ASX: TRE) ("Toubani Resources" or the "Company") is pleased to provide an update on the Definitive Feasibility Study Update ("DFS Update") and work plan ahead for its Kobada Gold Project ("Kobada", "Project") in southern Mali. The Kobada project hosts 2.4 Moz¹ in Mineral Resources which occurs over a 4.5km strike length, is predominantly near-surface oxide material and open pittable.

Toubani Resources reminds investors to refer to the stock symbol "ASX:TREDA". The stock symbol will revert to "ASX:TRE" on 29 January 2024 as per the timetable included in the 12 January 2024 announcement (Toubani Resources Registered as an Australian Company).

HIGHLIGHTS

- **Completion of initial pit optimization studies by Orelogy, highlighting key areas of the Kobada Gold Deposit for targeted resource drilling**
- **Metallurgical testwork review by Lycopodium Minerals confirmed high gold recoveries of 95% in the oxide material, with process plant design to advance**
- **Knight Piesold reviewed and confirmed the suitability of the existing DFS tailings storage facility design for Kobada**
- **Environmental studies and social work programs have been reviewed and confirmed as suitable to support an increased scale Kobada project**
- **DFS Update reaffirms Kobada's potential as a simple, large, low strip, free milling oxide development project with resource definition drilling set to commence**

Toubani Chief Executive Officer, Phil Russo, commented: "We're excited to advance Kobada's potential as a large, simple, low technical risk and low operating cost oxide project.

The primary objective of updating the past study at Kobada is to understand the project's optionality, define the optimal approach forward, and translate that into the upcoming drill program and next phase of engineering work.

The optimization studies have highlighted the benefit to the project of targeting areas within the pit shell for resource definition drilling to convert the Inferred material, currently classified as waste, to Indicated with drilling planned to commence shortly.

With the completion of these initial studies, a key milestone has been met that validates our strategy that Kobada has the attributes to become a mine and we look forward to continuing this momentum in 2024."

¹ Combined Indicated and Inferred Mineral Resource of 87Mt at 0.86g/t. Refer to ASX Announcement dated 18 August 2023



DFS Update

The DFS Update for the Kobada Gold Project is focussed on defining the development of a bulk mining approach to bring forward processing of a larger tonnage of majority oxide ore to a larger processing plant (rather than placing this material on stockpiles) compared to previous project studies. The Company's view is that an increased operating profile at Kobada will benefit the project overall and reduce risk, including lower operating costs and the potential for staged ramp up scenarios. Previous studies completed in 2021 contemplated a processing plant with a 3.0Mtpa throughput rate, with mining rates averaging 24Mtpa to enable a higher-grade feed in years 1 – 10.

At the end of 2023 substantial progress had been made in key areas of the DFS Update using respected industry consultants.

Mining

Initial pit optimisation studies completed by Orelogy used the updated Mineral Resource Estimate ("MRE") for Kobada completed in August 2023 (Appendix 1), as well as prevailing gold price and recent mining cost inputs received from recent tenders in the region. A number of viable pit shells have been developed at a range of mining rates which then present ore for processing at different annual rates. Schedules derived in this process have been used to complete a high-level analysis of plant throughput opportunities, and the resultant operating and economic profiles, for review and decision by the project management team.

The preliminary pit designs have also been used to identify key near surface areas containing a high proportion of material classified in the Inferred category, which would be classified as waste in DFS level studies. Additional infill drilling in these areas is now planned and should increase the resource confidence, enabling more material to be incorporated into future Ore Reserves and DFS level studies. A key focus of the planned drill design is to convert high value, near surface oxide material into the Indicated category to de-risk the initial mining phases of the project.

Processing, Metallurgy and Tailings Storage Facility

Metallurgical testwork completed at the Kobada Gold Project has been reviewed by Lycopodium Minerals Pty Ltd ("Lycopodium") and found to be adequate for the DFS with no significant metallurgical issues, confirming Kobada as a free milling deposit with high recoveries of approximately 95% in the oxide material. Further samples to provide variability data for process design are likely to be collected during the work program.

The previous tailings storage facility design has been reviewed by Knight Piesold and found to be suitable. Further geotechnical investigations and water balance modelling have been recommended within the next phase of the project.

The Environmental and Social Impact Assessment ("ESIA") completed in the previous study has also been reviewed with no major new workflows required. Once the final site layout is determined a full assessment of the ESIA and community development plan will be completed. At this time, Toubani also plans to carry out work aimed at ensuring the project continues to meet prevailing global environmental and social standards.

Forward Work Plan

Following completion of pit optimisation studies, a resource definition drill program has been planned and will commence shortly with results expected during the March quarter. The program will be highly targeted and focus on key high value Inferred areas of the optimised pit shell that can be converted to the Indicated category, reducing in-pit waste material and potentially benefitting the overall project.

Engineering and design of the process flowsheet to optimise capital and operating costs for the project will also advance. Non-process infrastructure will also be reviewed with a focus on site access and transport routes. Following this, the DFS Update will move to final pit design, mining and processing schedules, capital expenditure estimate and detailed financial modelling over the first half of 2024.

About Toubani Resources

Toubani Resources (ASX: TRE) is a development Company with a focus on advancing Africa's next large gold development project with its oxide-dominant Kobada Gold Project. The Company has a highly experienced Board and management team with a proven African track record in advancing projects through exploration, development and into production.

For more information regarding Toubani Resources visit our website at www.toubaniresources.com.

This announcement has been authorised for release by the Board of Toubani Resources Limited.

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Table 1: Mineral Resources for the Kobada Project

Material	Indicated			Inferred			Total		
	Tonnes (Mt)	Grade (g/t)	Ounces (Moz)	Tonnes (Mt)	Grade (g/t)	Ounces (Moz)	Tonnes (Mt)	Grade (g/t)	Ounces (Moz)
Oxide ^{1,2}	38	0.80	0.96	17	0.93	0.51	55	0.84	1.48
Fresh ³	22	0.79	0.57	9	1.16	0.35	32	0.90	0.92
Total	60	0.79	1.53	27	1.01	0.86	87	0.86	2.39

Tonnages are dry metric tonnes. Minor discrepancies may occur due to rounding.

¹ Oxide refers to Laterite, Saprolite and Transitional material as detailed in the ASX Announcement of 18 August 2023.

² Oxide resources are quoted above 0.25g/t.

³ Fresh rock resources are quoted above 0.3g/t.

Information on the Mineral Resources for the Kobada Gold Project presented in this announcement is contained in an ASX announcement dated 18 August 2023.

The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant market announcements, that all material assumptions and technical parameters underpinning the Mineral Resource estimate in the 18 August 2023 announcement continue to apply and have not materially changed, and that the form and context in which the Competent Persons findings are presented have not been materially modified from the original announcement.

Cautionary statements

This announcement contains "forward-looking statements" and "forward-looking information" (together, "forward-looking statements"). Forward-looking statements include, but are not limited to, statements regarding the expansion of mineral resources and ore reserves, and drilling and exploration plans of the Company. Generally, forward-looking statements can be identified by the use of forward-looking terminology such as "plans", "expects" or "does not expect", "is expected", "budget", "scheduled", "estimates", "forecasts", "intends", "anticipates" or "does not anticipate", or "believes", or variations of such words and phrases or statements that certain actions, events or results "may", "could", "would", "might" or "will be taken", "occur" or "be achieved". Forward-looking statements are subject to known and unknown risks, uncertainties and other factors that may cause the actual results, level of activity, performance or achievements of the Company to be materially different from those expressed or implied by such forward-looking statements, including but not limited to: receipt of necessary approvals from Australian regulatory authorities; general business, economic, competitive, political and social uncertainties; future prices of mineral prices; accidents, labour disputes and shortages; available infrastructure and supplies; pandemics and other risks of the mining industry. Although the Company has attempted to identify important factors that could cause actual results to differ materially from those contained in forward-looking statements, there may be other factors that cause results not to be as anticipated, estimated or intended. There can be no assurance that such information will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, readers should not place undue reliance on forward-looking statements. The Company does not undertake to update any forward-looking statements, except in accordance with applicable laws.