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## More Information



[www.africanliongold.com](http://www.africanliongold.com)

# CHIFUNDE GOLD PROJECT

## Project Update

### Highlights:

- ❖ **First Metallurgical Analysis for Plant Design Completed**
- ❖ **Non-Refractory Gold Deposit Confirmed**
- ❖ **Gold Recoveries of Between 93-97%**
- ❖ **Encouraging Recoveries at Larger Grind Sizes**
- ❖ **More than 90% of the Illegal Miners Removed**
- ❖ **Contract Miner to be in Production Quarter 1 of 2023**

### Dear Shareholder,

African Lion Gold plc (ALG) is pleased to announce an update on the Chifunde Gold Project:

### Market Outlook

The improvement in current market conditions gives a positive outlook on the gold price and project financing. If the stock markets remain bullish, the planned listing will take place during 2023.

### Metallurgical Test Work

ALG contracted Maelgwyn Mineral Services Africa to conduct Metallurgical Analyses on drill samples. The samples underwent Fire Assays as well as Gravity, Grind and Leach tests. The metallurgical analyses were important to determine the type of gold (refractory vs non-refractory), the grind size and recovery method for the optimal plant design.

**Exceptional gold recoveries of between 93-97% were achieved.** The gold has been confirmed to be non-refractory with no sulphide association and with only a low concentration of cyanide needed to leach the gold. Metallurgical analyses indicates that the gold extraction process will be optimised using leaching.

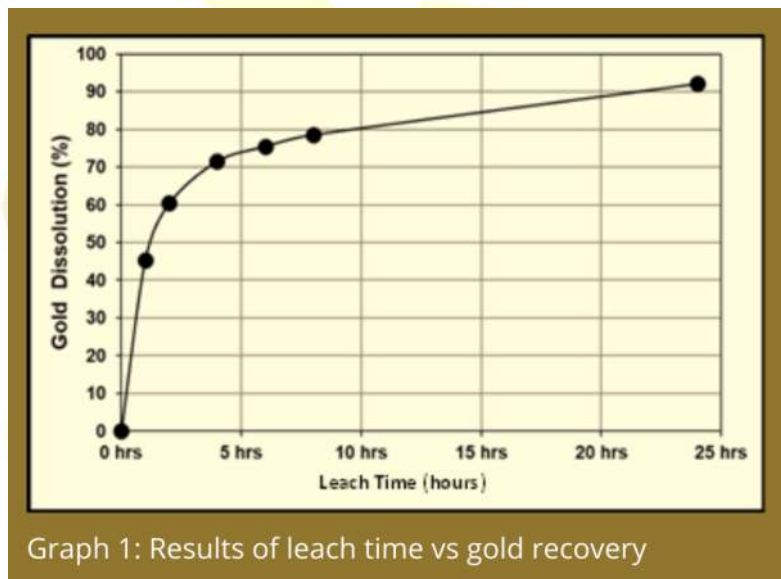
### Non-Refractory Deposit

A "refractory" gold ore is an ore that has ultra-fine gold particles disseminated throughout its gold occluded minerals ('blockers'). These ores are naturally resistant to recovery by standard cyanidation and carbon adsorption processes. In general, refractory ore is one that is not amenable to gold extraction using cyanide. Refractory ore is undesirable because the methods needed to enable gold extraction are

expensive. Non-refractory ore is where cyanide can be used to extract the gold. This is desirable as it means the processing will be cheaper. The Chifunde Gold Project has now confirmed that the gold deposit is “non-refractory”. There is also no association between the gold mineralisation and sulphide minerals.

Table 1: Metallurgical test work results showing excellent recoveries.

|                    | Oxidised Zone | Fresh Zone |
|--------------------|---------------|------------|
| Description        | g/t           | g/t        |
| Head Grade         | 7.15          | 1.62       |
| Total Recovered    | 6.65          | 1.58       |
| <b>%-Recovered</b> | <b>93%</b>    | <b>97%</b> |



### Further Test Work

One of the parameters that were tested with the recent Metallurgical tests was the effect of gold recovery using various grind sizes. Initial grind sizes of -212 µm, -106 µm and -75 µm were used, however, the differences in gold recoveries across the various grinds was negligible. This is extremely encouraging as there is now the possibility that milling will not be required on the processing plant, which will significantly reduce the costs of both the plant and processing. The ALG Team is now planning to submit further samples to Maelgwyn to test the response of larger grind sizes. Quarter cores from both the oxidised and fresh rock zones will be composited and used in the test work.

### Contract Mining

With more than 90% of the illegal miners removed, the mining contractor is now able to commence mobilisation. The work permits for the contractor have been approved and work visa applications have been submitted. First production of gold is expected in quarter 1 with first gold sales projected for quarter 2 of 2023.

ON BEHALF OF THE BOARD

**Cobus van Wyk**

Chairman

African Lion Gold plc