

14 April 2014

ASX Release

## **Drilling set to start at Lingokoto Gold Project for follow up on initial 6m at 51gpt intercept**

- Aircore drilling at the Lingokoto gold project in Senegal to commence in late April
- Program will aim to define continuity of bedrock gold anomalism and the high-grade intercept recorded in the initial RAB traverse late last year
- Drilling will also test strong soil anomalism along +1.5km strike; anomaly remains open in both directions
- The initial drill traverse at Lingokoto confirmed bedrock mineralisation, with results including 6m at 51.5gpt gold in near-surface material
- Lingokoto discovery sits in promising geological setting and soil anomalism is coincident with local and regional magnetic trends
- Additional geochemical soil sampling along structural corridor to north-east of Lingokoto anomaly now complete; results awaited

Erin Resources (ASX: ERI) is pleased to advise that the second-phase drilling program will start at its Lingokoto gold project in Senegal within two weeks.

The program will scope continuity of bedrock mineralisation and test the strong surface anomaly now outlined over a 1.5km strike length (see Figure 1).

The Erin exploration team has designed a 6,000m aircore drilling program to drill test the initial Lingokoto targets and has plans to follow up with RC drilling. The aircore drilling program may also be extended along the north-east corridor depending on results to be received from soil samples collected in an extensional geochemical sampling program (Figure 1) completed in early April. Samples from the new extensional soils program are in the laboratory with assays pending.

The recently-defined south-west continuation of the Lingokoto soil anomaly is considered highly important because it highlights the potential to greatly extend the known bedrock gold system and the possibility of associated high-grade mineralisation.

Initial drilling at Lingokoto returned 6m at 51.5gpt (see ASX release dated January 29, 2014) and two wide zones of strongly anomalous gold anomalism in weathered bedrock.

The Lingokoto soil anomaly as it is currently defined lies in a promising sedimentary and volcanoclastic geological package and shows a good correlation with regional and local magnetic trends. The company is hopeful that the current programs can define a bedrock gold system over a significant distance at this prospect.

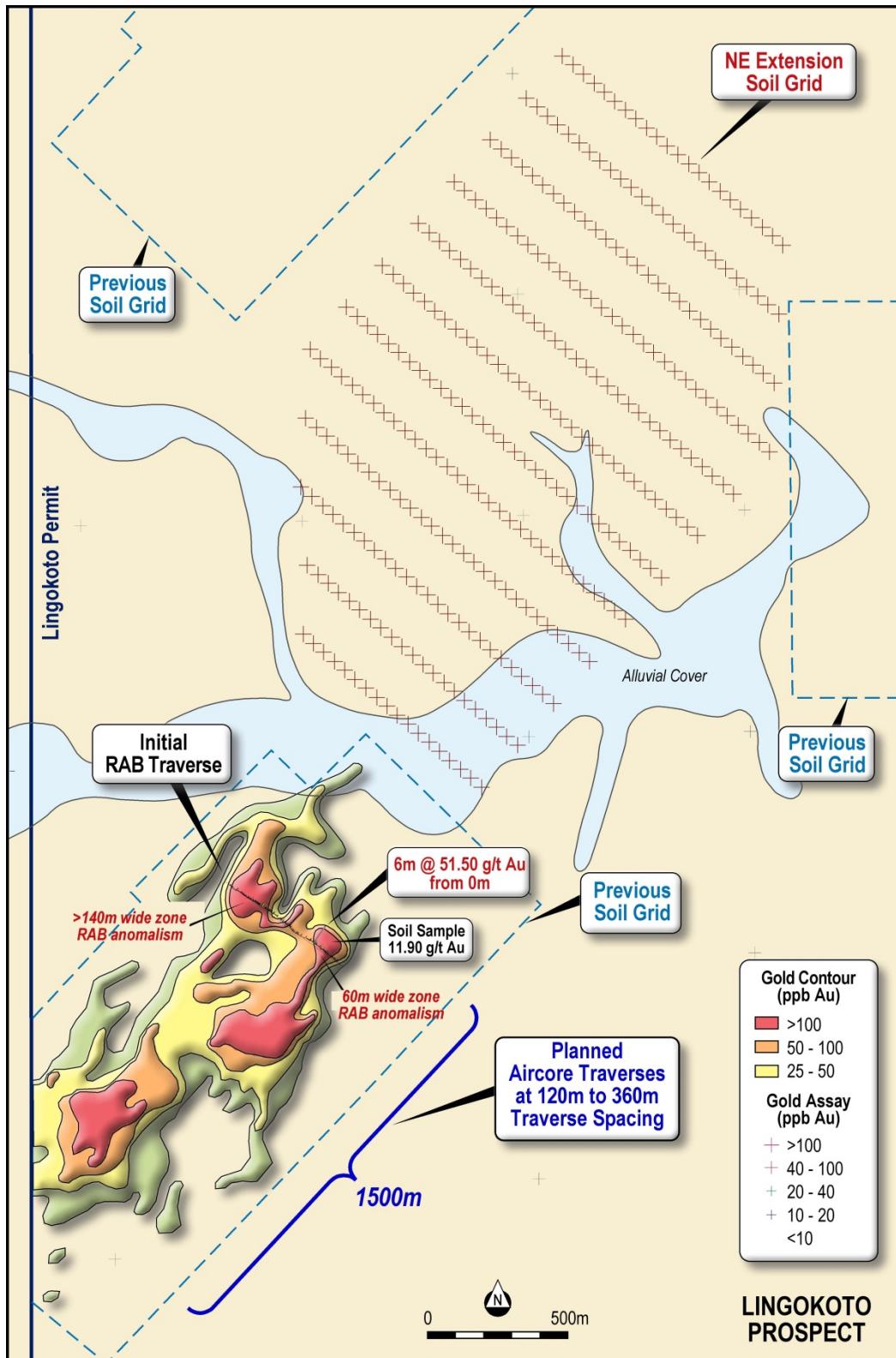
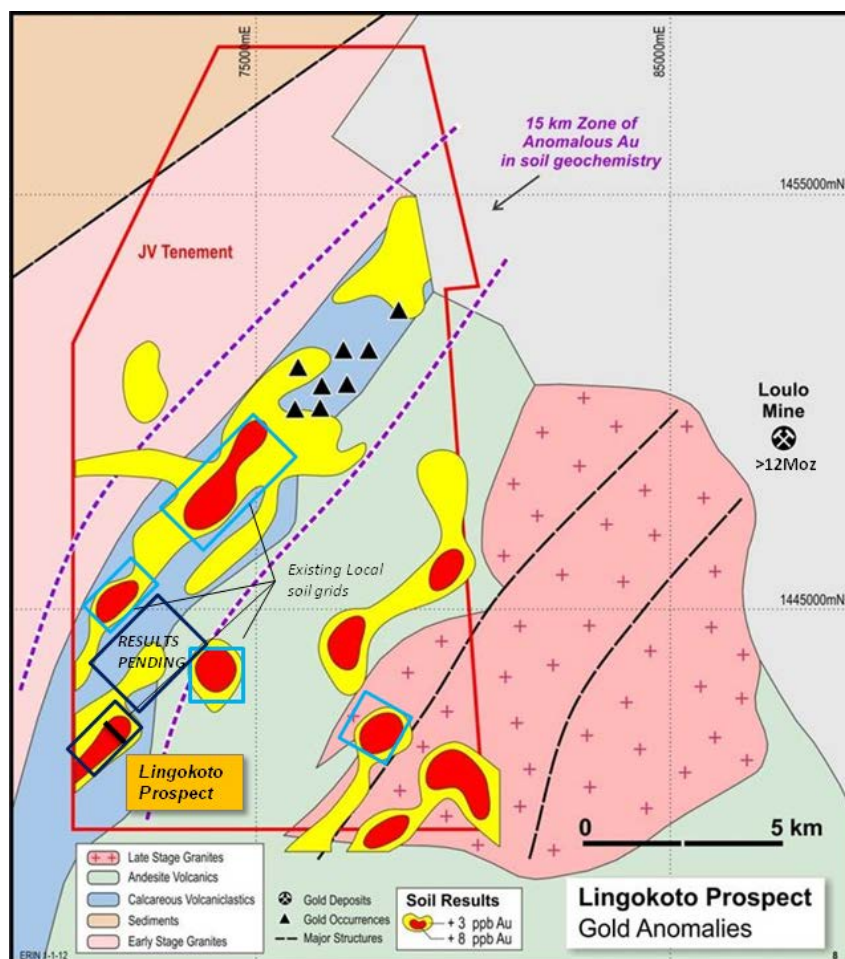


Figure 1. Plan View Lingokoto Soil Anomaly, RAB Traverse and Proposed Aircore Drilling

Regionally, the Lingokoto permit lies in a strongly mineralised district but has received limited detailed geochemical coverage by previous explorers and no known drilling prior to Erin’s work in late 2013. The Lingokoto discovery sits within a corridor of anomalism (as defined by 800m x 800m spaced regional soil samples) that extends about 15km through the permit (Figure 2). This corridor is coincident with regional-scale north-east trending structures.

The Company will be completing additional verification sampling around other anomalous results that lie on the corridor and elsewhere on the permit.

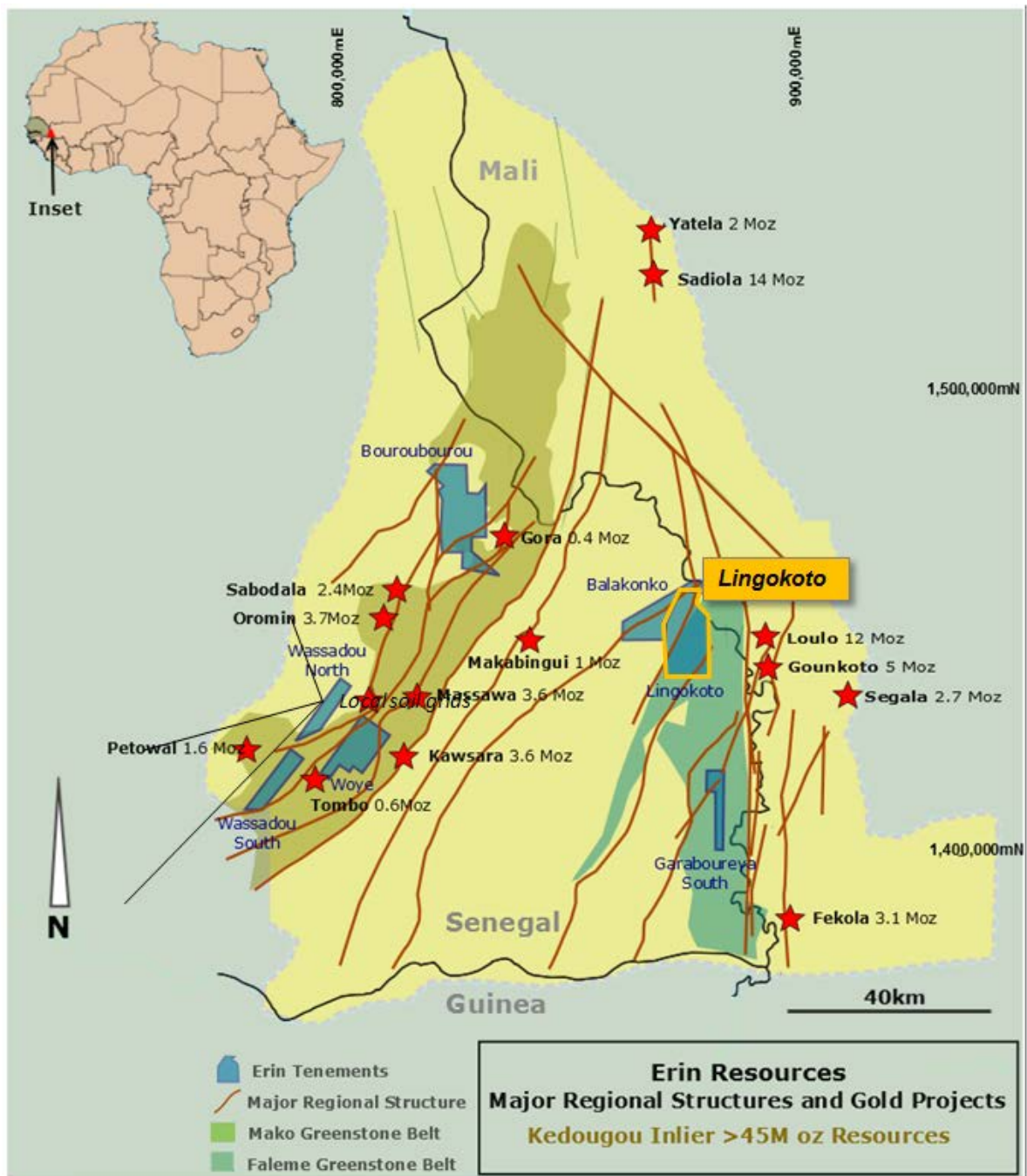
The region to the east of the permit is host to several 1moz-plus gold deposits, including Randgold Limited’s Loulo goldmine (more than 12Moz gold) which sits 24km east from the Lingokoto anomaly.



**Figure 2. Lingokoto Permit and Regional Geochemical Anomalism**

### Background

Erin holds 640km<sup>2</sup> of exploration permits in Senegal and a portfolio of 7 strategically located permits (Figure 3). All the Company’s projects lie within the Kedougou inlier that extends over eastern Senegal and along the country’s western border with Mali. There are 3 multi-million ounce gold deposits that have recently been discovered within 15 kilometers of Erin’s projects and in Senegal: Masawa (3.6m oz), Petowal (1.6m oz) and Oromin (3.7m oz).



**Figure 3. Regional Plan Senegal Permits and Location of Lingokoto Permit**

About 30M oz of gold has been discovered in Senegal over the last 10 years and the Kedougou inlier hosts over 45M oz of gold in resources. This inlier forms a part of the Birimian shield, which covers most of West Africa and hosts over 280M oz of gold.

Senegal only recently commenced industrial scale gold mining and production at Sabodala mine in 2009. The country’s mining code, introduced in 2003, is based on mining codes found in Australia and Canada.



**Competent Persons Statement**

The information in this document that relates to Exploration Results is based on information compiled or reviewed by Mr Nick Castleden who is a member of the Australian Institute of Geosciences. Mr Castleden is a full time employee of the Company and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Castleden consents to the inclusion in this document of the matters based on his information in the form and context in which it appears.

Exploration results referring to Lingokoto have been previously disclosed by Erin Resources in accordance with JORC 2012 in the announcements dated 29/01/2014 entitled 'High Grades Encountered in First Pass Drilling'. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement. The exploration results relating to the other projects were previously prepared and disclosed under the JORC Code 2004 and have 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. The Company confirms that the form and context in which the Competent Person's findings are presented here have not been materially modified from the original market announcement. Refer to [www.erinresources.com](http://www.erinresources.com) for details on exploration results.

For and on behalf of the Board



**Brett Mitchell**  
Executive Chairman

**Media**

**For further information, contact:**

**Read Corporate**

**Paul Armstrong +61 8 9388 1474/0421 619 084**