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ASX Announcement

27 February 2014

Commencement of Geophysical Survey at Dandoko, West Mali

Oklo Resources Limited ("Oklo") or ("The Company") (ASX: OKU) wishes to announce the commencement of a Geophysical Survey program on the Company's Dandoko Gold discoveries in Southwest Mali.

The IP (Induced Polarisation) survey program which will run for approximately two weeks will be undertaken on a series of line traverses across the Disse, Diabarou, Selingouma (North & South) and Gombaly targets (Figures 2 & 3), all of which were the subject of RC drilling during the Company's recently completed Maiden Drilling Program.

IP is a low cost exploration tool, which should provide additional targeting information from the prospects and in particular the recent gold discovery zones. This in turn should allow the Company to better plan and target prospective zones on its second round of follow up drilling which Oklo wishes to initiate as early as April 2014.

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Background to the Recently Completed Dandoko Maiden Drilling Program

The key aim of Oklo's maiden drilling program at Dandoko was to RC drill test carefully selected shallow targets to confirm the presence of significant gold mineralisation. In some locations, but not all, gold mineralisation has been exposed by artisanal mining activities. With significant mineralisation encountered at Disse and Diabarou in the early drillholes, the program is considered an outstanding success.

The auguring component to the Maiden Drilling Program deployed at Selingouma has been to drill test, at low cost, a 6km long NE-SW trending group of surface gold in soil anomalies sufficiently to allow the company to refine its RC drill targeting at the prospect.

Results from the RC drilling at Gombaly and Selingouma targets are expected to be received and released to the market during February and March 2014.

About Dandoko: Project Details

The Dandoko Permit covers an area of 134km² and is located in Southwestern Mali near the town of Kenieba, 340km west of Bamako, 30km east of Papillon Resources Limited's 5.15Moz Fekola gold project and 50km south south east of Randgold's 11Moz Loulo Gold Mine (Figure 1). Access from Bamako is via a good quality sealed road, which passes through the northern part of the tenement. Oklo considers the tenement to be prospective for the discovery of multiple substantial gold mineralisation occurrences, similar to that seen at the Tabakoto and Loulo mines, and places particular emphasis on the importance of NNE-trending faults as mineralising conduits.

The tenement is underlain by a Lower Proterozoic Birimian meta-volcanic and meta-sedimentary sequence. This is unconformably overlain, at the extreme north end of the property, by an Upper Proterozoic sediment and volcanic sequence. A series of dominant NNE-trending faults, displaced by a second set of ESE-trending faults, have been mapped or interpreted from aeromagnetic data. Oklo considers that these NNE structures are splays emanating from the Senegal-Mali Fault Zone ("SMFZ"), a regional NNW-trending strike-slip fault, and play an important role in controlling gold mineralisation in the region.

Historical work in the area, largely undertaken by Compass Gold Corporation during 2010, 2011 and 2012, has comprised mapping, soil sampling and artisanal mining, which together with the commissioning of an airborne magnetic and radiometric survey, infill soil sampling, pitting and trenching has delineated a number of prospects (Targets). Five of these are well defined and four (Dissé, Diabarou, Gombaly, and Selingouma) were drill tested in this initial drilling program. (Figure 2).

Competent Person’s Declaration

The information in this announcement that relates to Exploration Results is based on information compiled by geologists employed by Africa Mining and reviewed by Murray Hutton, BA (Hons, Geology), who is a member of the Australian Institute of Geoscientists. Mr Hutton is a full-time employee of Geos Mining, a geological consultancy that is independent of Oklo Resources Limited. Mr Hutton has sufficient experience deemed relevant to the style of mineralisation and type of deposit under consideration, and to the activity that he is undertaking to qualify as a Competent person as define in the 2012 edition of the “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves” (the 2012 JORC Code). Mr Hutton consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

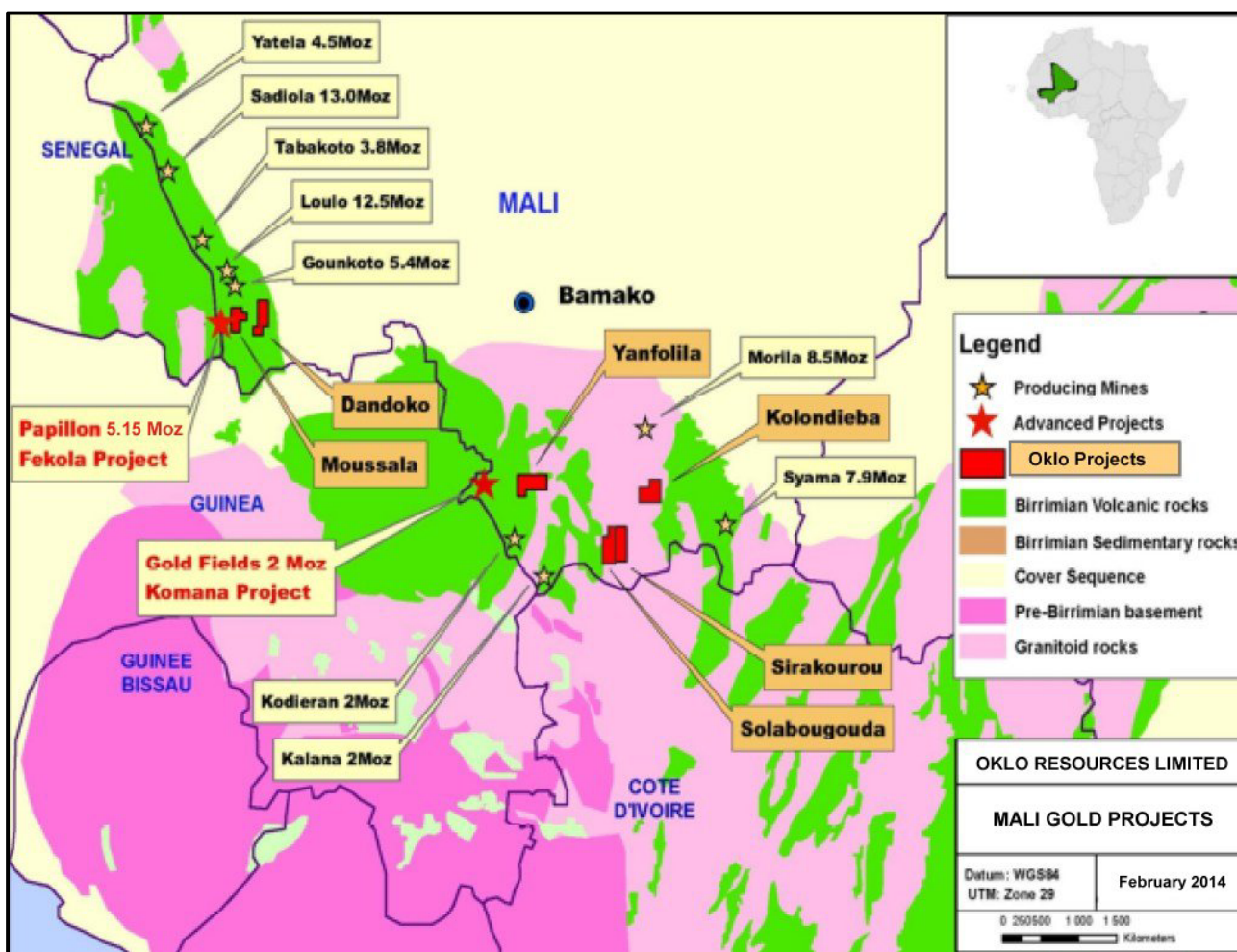


Figure 1 : Location of the Dandoko Project in southwest Mali

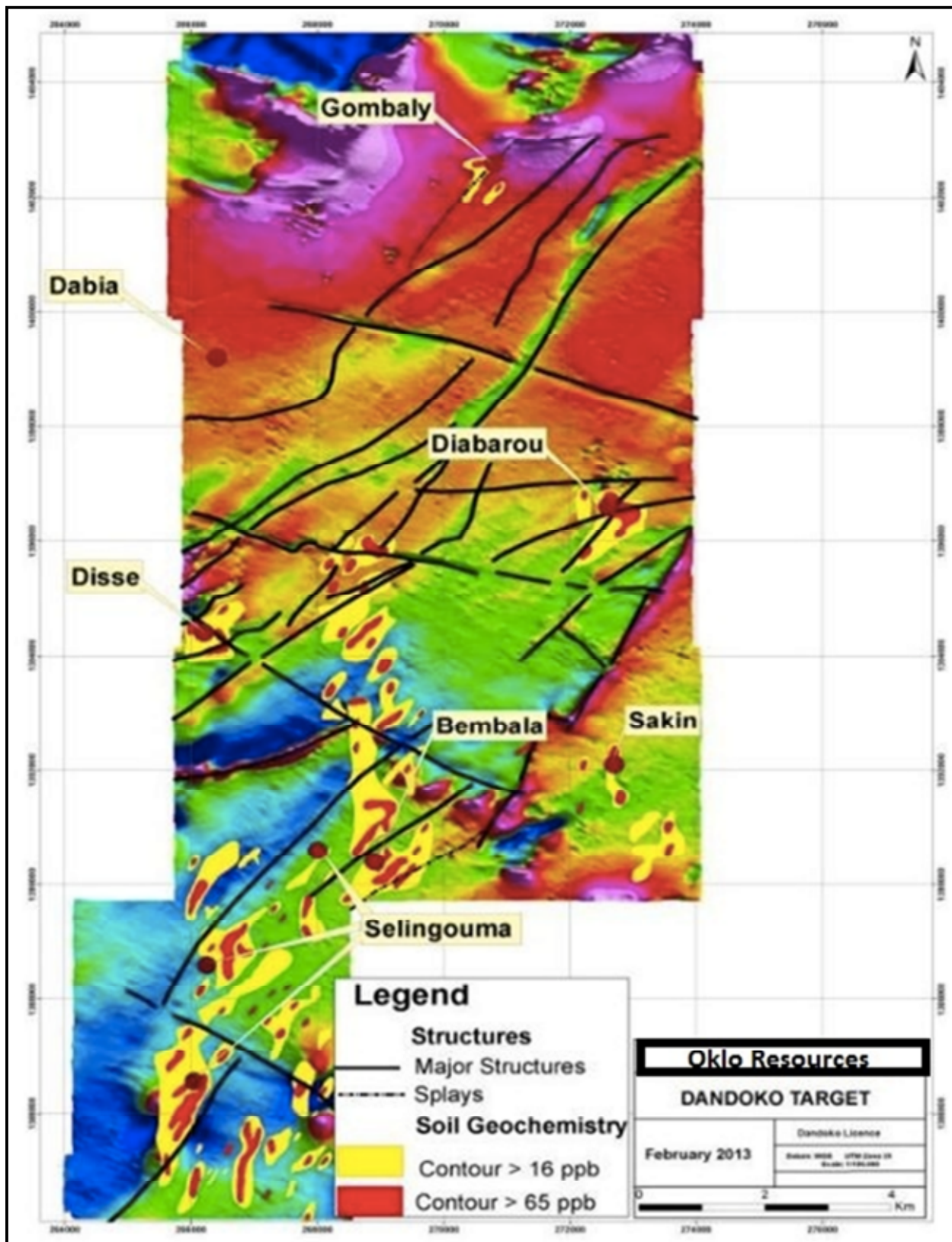


Figure 2 : Location of the Disse, Diabarou, Selingouma & Gombaly Drilling Targets, Dandoko Project

Background image is processed airborne magnetic data and interpreted structures

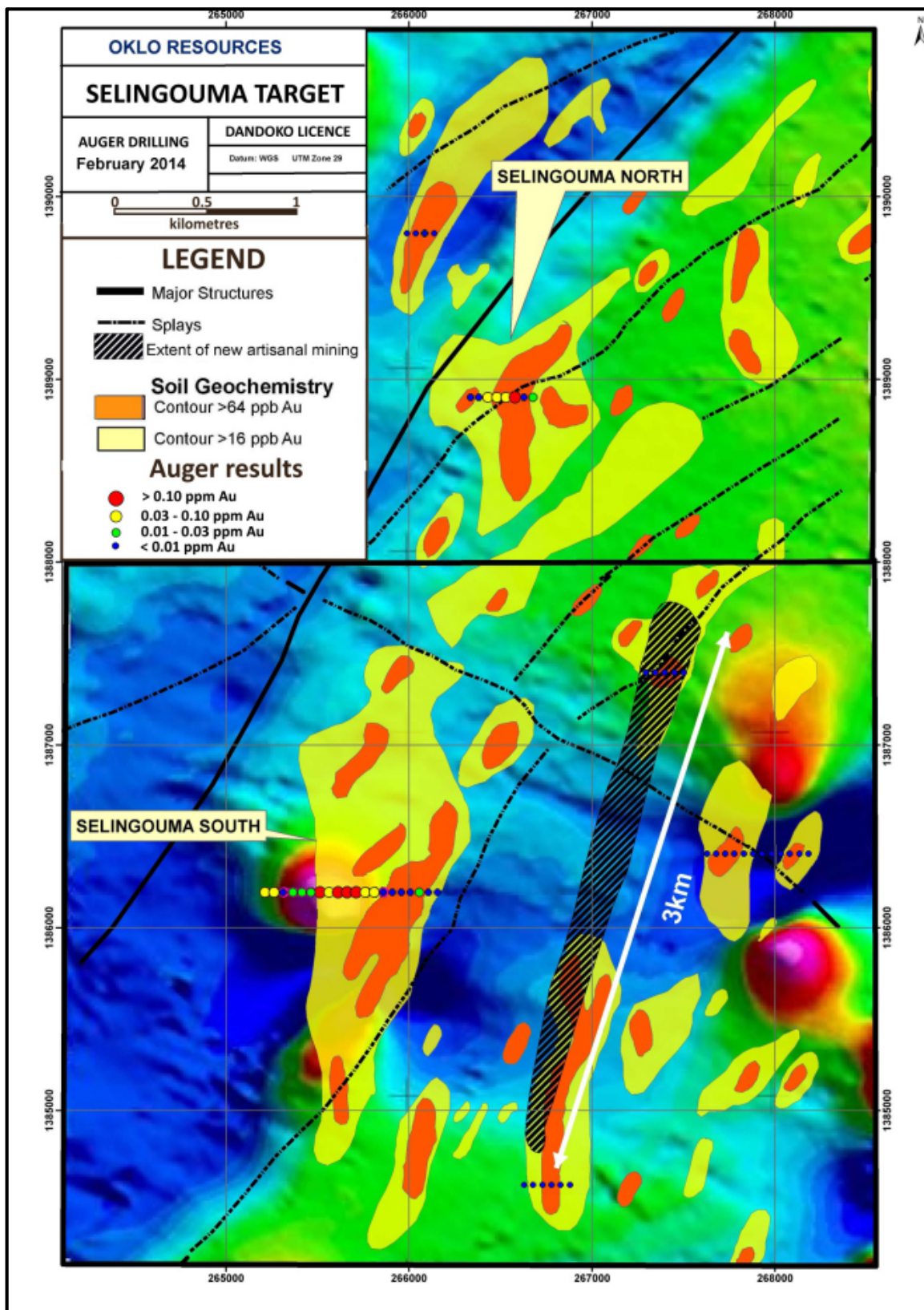


Figure 3 : Selingouma North and Selingouma South Anomalies, Dandoko Project

Background image is processed airborne magnetics data and interpreted structures
Auger results are for bottom of hole samples