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ASX Announcement

DRILLING UNDERWAY AT DANDOKO & FURTHER POSITIVE RESULTS FROM YANFOLILA

Summary

- Follow-up diamond and reverse circulation (RC) drilling has commenced at the Diabarou prospect within the Dandoko Project to assess the open pit resource potential in proximity to the recently announced high grade gold intersections.
- ➤ A program of circa 11,000 metres to be completed at several targets within the Dandoko Project over coming months.
- ➤ Structural geology specialist, Simon Dorling of CSA Global, engaged. Simon previously worked closely with Oklo's Technical Consultant, Andrew Boyd, in developing the structural and geological model at the nearby 5.15 Moz Fekola gold project of B2Gold Resources' (formerly Papillon Resources).
- Assay results of up to 8.48g/t gold received from an initial limited RC drilling (5 holes for 760 metres) at the Solona North-West prospect within the Yanfolila Project.
- ➤ 2016 drilling program fully funded from recently announced oversubscribed \$10 million share placement.

Oklo Resources Limited ("Oklo" or "the Company"; ASX: OKU) is pleased to provide the following update on exploration activities at two of its gold projects in Mali.

Dandoko Project

Drilling has recommenced at the Dandoko Project with circa 11,000 metres planned over coming months at the Diabarou and Selingouma prospects (Figure 1).

Diabarou

A detailed geological interpretation of the high grade gold intersections from the recent drilling program at Diabarou has been completed and a two stage diamond core and RC drilling campaign to test the open pit resource potential of this prospect is now underway.



The diamond core program (3 holes for 450 metres) will provide structural and quality assurance information for use in future resource estimates. Specifically, the diamond holes will verify the previously reported high grade gold intersections and provide valuable structural information to assist in the design of the RC program (18 holes for 2,400 metres).

The Company is also pleased to announce the engagement of structural geology specialist Simon Dorling of CSA Global, who previously worked closely with Oklo's Technical Consultant, Andrew Boyd, in developing the structural and geological model at the nearby 5.15 Moz Fekola gold project of B2Gold Resources' (formerly Papillon Resources).

The diamond core program has commenced and is expected to take about 10 days to complete. Whilst the core is being logged, the drill rig will mobilise to the Selingouma prospect for 4-5 days to commence a planned 8,000 metre aircore (AC) drilling program before returning to Diabarou to undertake the RC program.

Selingouma

The Selingouma prospect comprises of a series of open ended gold-in-soil anomalies that extend over 6 kilometres with peak values up to 0.45g/t gold.

As reported previously, reconnaissance auger and limited RC drilling has outlined extensive alteration zones associated with elevated gold and highly elevated arsenic levels. An IP geophysical survey completed over Selingouma North has defined a potential sinistral oriented structure with interpreted dilational zones associated with surface gold anomalism.

A wide-spaced AC program completed in 2015 tested a limited strike length (approximately 600 metres) of the IP anomaly and intersected extensive zones of alteration and gold mineralisation, including up to 18m at 1.75g/t gold. The aim of the current AC program is to provide initial coverage over two 1.5 km long zones within the southern part of the 6 kilometre anomaly.

All drilling programs are expected to be completed by the end of June and assay results will be reported as they become available.

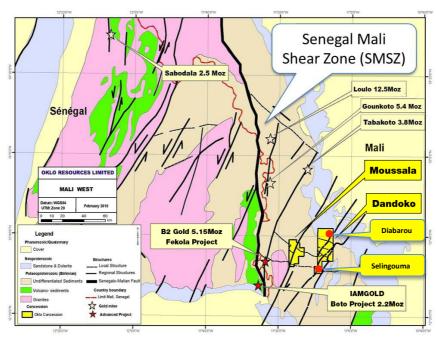


Figure 1: Location of Dandoko and Moussala Gold Projects in West Mali



Yanfolila Project

Yanfolila is located 45 km north of Avnel Gold's Kalana gold mine (2.15 Moz) and 35 km east of Hummingbird Resources' Komana gold project (1.8 Moz, Figure 2).

The Company has received assay results from an initial 5 RC hole drilling program for 760 metres testing the Solona North-West prospect where previous first pass, shallow AC drilling completed by Oklo in 2015 intersected significant bedrock gold mineralisation (including 6m at 5.29g/t gold and 3m at 1.23g/t gold) and wider zones of anomalous gold mineralisation (including 21m at 0.57g/t gold) with numerous holes ending in mineralisation.

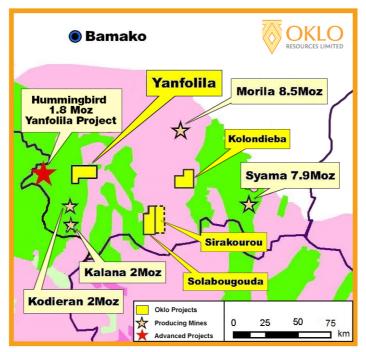


Figure 2: Location of Yanfolila Gold Project in South Mali

The RC drilling was completed along two traverses and returned similar results to the previous AC holes, with a best result of 4 metres at 2.75g/t gold from 28 metres in hole RCYA016-003 (including 1 metre at 8.48 g/t gold). A wide zone of alteration associated with low grade gold mineralisation was intersected in drill hole RCYA016-003, including 36 metres at 0.56g/t gold from 126 metres to the end of hole.

The program was successful in confirming the presence of bedrock gold mineralisation associated with the extensive quartz veining and has provided encouragement for follow-up drilling at some stage to test the along strike and depth potential of this prospect.

A full tabulation of the hole locations and significant assay results are summarised in Tables 1 and 2 and shown in Figures 3(a) and 3(b).



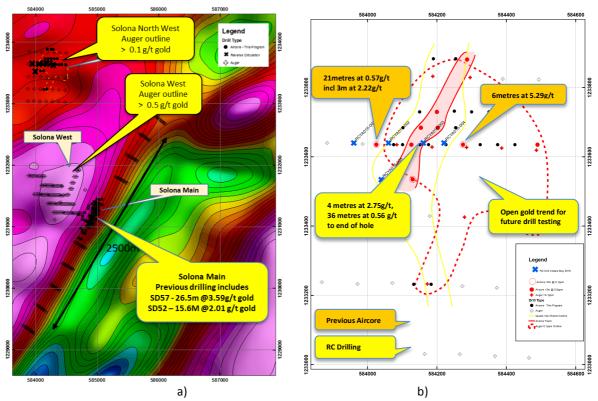


Figure 3:a) Solona Main and Solona North-West prospects with drill holes overlain on magnetics, b) Solona North-West auger, AC and RC drill hole location plan

Table 1: Summary of significant intersections from Solona North-West prospect

Drill Hole	From	То	Interval	Au (g/t)
ID	(m)	(m)	(m)	
RCYA016-002	89	92	2	0.77
	96	98	2	0.50
	119	120	1	0.88
RCYA016-003	28	32	4	2.75
	29	30	1	8.48
	114	115	1	1.18
	126	162	36	0.56*
	129	130	5	0.78
	149	156	7	1.04

Grades are calculated using a 0.5g/t cut off threshold allowing for 1 sample of dilution except for (*) which has used a minimum of 0.1g/t minimum to highlight the broad gold zone.

- ENDS -

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About Oklo Resources

Oklo Resources is an ASX listed exploration company with gold, uranium and phosphate projects located in Mali, Africa.

The Company's focus is its large landholding of eight gold projects covering 1,389km² in some of Mali's most prospective gold belts. The Company has a corporate office located in Sydney, Australia and an expert technical team based in Bamako, Mali, led by Dr Madani Diallo who has previously been involved in discoveries totalling in excess of 30Moz gold.

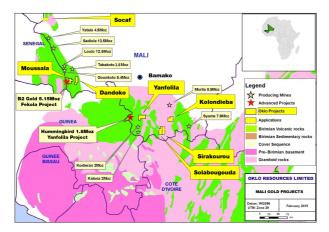


Figure 4: Location of Oklo Projects in West and South Mali

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 (a wholly owned subsidiary of Oklo Resources) and reviewed by Mr Simon Taylor, who is a member of the Australian Institute of Geoscientists. Mr Taylor is the Managing Director of Oklo Resources Limited. Mr Taylor is considered to have 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 defined in the 2012 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the 2012 JORC Code). Mr Taylor consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.

HOLE ID	Easting (mE)	Northing (mN)	Elevation	Azimuth (deg.)	Dip (deg.)	Length (m)
RCYA016-001	583959	1233630	371	90	-55	175
RCYA016-002	584063	1233631	368	90	-55	168
RCYA016-003	584149	1233632	367	90	-55	162
RCYA016-004	284241	1233633	368	90	-55	141
RCYA016-005	583907	1233629	372	90	-55	114

Table 2: Yanfolila, Solana North West RC Drill locations.



JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling, measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. 	 Reverse circulation (RC) drill holes have been routinely sampled at 1m intervals downhole. Samples were collected in situ at the drill site and are split using a three tier riffle splitter collecting 2 to 3 kg per sample. Certified reference material and sample duplicates were inserted at regular intervals. All samples were submitted to internationally accredited SGS Laboratories in Bamako Mali for 50g Fire Assay gold analysis
Drilling techniques	Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	RC drilling was carried out by AMCO Drilling using a track mounted Schramm T685 rig
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	 An initial visual estimate of sample recovery was undertaken at the drill rig for each sample metre collected. Collected samples were weighed to ensure consistency of sample size and monitor sample recoveries. No sampling issue, recovery issue or bias was picked up and it is therefore considered that both sample recovery and quality is adequate for the drilling technique employed.
Logging	 Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	 All drill samples were geologically logged by Oklo Resources subsidiary Africa Mining team geologists. Geological logging using standardised logging system recorded mineral and rock types and their abundance, as well as alteration, silicification and level of weathering. A small representative sample was retained in a plastic chip tray for future reference and logging checks.
Sub-sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality 	 All samples were split at the drill rig utilizing a 3 tier riffle splitter. Samples were composited to a 3m sample with the 1m samples being retained for future analysis as warranted. Duplicates were taken to evaluate representativeness



Criteria	JORC Code explanation	Commentary
Quality of assay data and laboratory tests	 and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	 Further sample preparation was undertaken at the SGS laboratories by SGS laboratory staff At the laboratory, samples were weighed, dried and fine crushed to 70% <2mm (jaw crusher), pulverized and split to 85 %< 75 um. Gold is assayed by fire assay (50g charge) with an AAS Finish. Sample pulps were returned from the SGS laboratory under secure "chain of custody" procedure by Africa Mining staff and are being stored in a secure location for possible future analysis. Sample sizes and laboratory preparation techniques are considered to be appropriate for this early stage exploration and the commodity being targeted. Analysis for gold is undertaken at SGS Bamako by 50g Fire Assay with an AAS finish to a lower detection limit of 0.01ppm Au. Fire assay is considered a "total" assay technique. No field non assay analysis instruments were used in the analyses reported. A review of certified reference material and sample blanks inserted by the Company indicated no significant analytical bias or preparation errors in the reported analyses. Results of analyses for field sample duplicates are consistent with the style of mineralisation evaluated and considered to be representative of the geological zones which were sampled. Internal laboratory QAQC checks are reported by the laboratory and a review of the QAQC reports suggests the laboratory is performing within acceptable limits.
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	 All drill hole data is paper logged at the drill site and then digitally entered by Company geologists at the site office. All digital data is verified and validated by the Company's database consultant in Paris before loading into the drill hole database. No twinning of holes was undertaken in this program Reported drill results were compiled by the company's geologists, verified by the Company's database administrator and exploration manager. No adjustments to assay data were made.
Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	 Drill hole collars were positioned using hand held GPS. Accuracy of a hand held GPS (+/- 5m) is considered appropriate for this level of early exploration The grid system is UTM Z29N
Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity 	 RC holes were spaced at a nominal 100 metres spacing along line. Drilling reported in this program is of an early exploration nature has not been used to estimate any



Criteria	JORC Code explanation	Commentary
	 appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	mineral resources or reserves.
Orientation of data in relation to geological structure	 Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	Exploration is at an early stage and, as such, knowledge on exact location of mineralisation and its relation to lithological and structural boundaries is not accurately known. However, the current hole orientation is considered appropriate for the program to reasonably assess the prospectivity of known structures interpreted from other data sources.
Sample security	The measures taken to ensure sample security.	 RC were taken to the SGS laboratory in Bamako under secure "chain of custody" procedure by Africa Mining staff. Sample pulps were returned from the SGS laboratory under secure "chain of custody" procedure by Africa Mining staff and have been stored in a secure location. The RC samples remaining after splitting are removed from the site and trucked to the exploration camp where they are stored under security for future reference.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	There have been no external audit or review of the Company's sampling techniques or data at this stage.

Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	 Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings. The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. 	 The results reported in this report are all contained within The Dandoko Exploration Permit and the Yanfolila Exploration Permit which are held 100% by Africa Mining SARL, a wholly owned subsidiary of Oklo Resources Limited. The Dandoko permit is in good standing, with an expiry date of 13/5/2017. The Socaf permit is in good standing, with an expiry date of 22/1/2017. The Yanfolila permit is in good standing, with an expiry date of 29th July 2016
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 The area that is presently covered by the Dandoko permit was explored intermittently by Compass Gold Corporation between 2010 to 2013. Exploration consisted of aeromagnetic surveys, gridding, soil sampling and minor reconnaissance (RC) drilling. Compass Gold undertook RC drilling at the project (Bembala Prospect) during 2012. The area that is presently covered by the Socaf permit was explored intermittently by Nordic Diamonds Corporation (TSX-V:NDL) from 2007-09 and SOCAF Sarl (Mali) 2009-2011. Exploration consisted of aeromagnetic surveys,



Criteria	JORC Code explanation	Commentary
Geology	Deposit type, geological setting and style	gridding, soil sampling, trenching, RAB drilling and minor reconnaissance (RC) drilling. • The area that is presently covered by the Yanfolila permit was explored was explored intermittently by Compass Gold Corporation between 2010 to 2013. • Exploration consisted of aeromagnetic surveys, gridding, soil sampling, trenching, Auger drilling and RC drilling. • The deposit style targeted for exploration is orogenic
	of mineralisation.	 lode gold. This style of mineralisation can occur as veins or disseminations in altered (often silicified) host rock or as pervasive alteration over a broad zone. Deposit are often found in close proximity to linear geological structures (faults & shears) often associated with deep-seated structures. Lateritic weathering is common within the project area. The depth to fresh rock is variable and may extend up to 50-70m below surface.
Drill hole Information	 A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes: easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole down hole length and interception depth hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	 Reported results are summarised in Figure 3 and within the main body of the announcement along with tabulations in Table 1 and 2. Drill collar elevation is defined as height above sea level in metres (RL) RC holes were drilled at an angle of 55 degrees which is deemed appropriate to the local structure. Down hole length of the hole is the distance from the surface to the end of the hole, as measured along the drill trace
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	 Intervals are reported using a threshold where the interval has a 0.10 g/t Au average or greater over the sample and selects all material greater than 0.10 g/t Au and a final average value of >0.5g/t Au allowing for 1 sample of included dilution. No grade top cut off has been applied. Maximum internal dilution below the threshold is 3m within a reported interval. No metal equivalent reporting is used or applied
Relationship between	These relationships are particularly important in the reporting of Exploration	The results reported in this announcement are



Criteria	JORC Code explanation	Commentary
mineralisation widths and intercept lengths	Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	considered to be of an early stage in the exploration of the project. • Mineralisation geometry is not accurately known as the exact orientation and extent of known mineralised structures are not yet determined. • Mineralisation results are reported as "downhole" widths as true widths are not yet known
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Drill hole location plans are provided in Figure 3
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	 All drill holes have been reported in this announcement. No holes are omitted for which complete results have been received.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	No other exploration data that is considered meaningful and material has been omitted from this report
Further work	 The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	RC drilling is planned to follow up the results reported in this announcement.

