

11 September 2017

#### BAOBAB EXPLORATION RESULTS UPDATE

#### **HIGHLIGHTS**

- New exploration results indicate the Gadde Bissik phosphate mineralisation extends continuously for more than 20 kilometres
- Extensional and infill drilling has confirmed the phosphate horizon at the Gadde Escale prospect is open beyond the current Inferred Resource
- Infill drilling east of the Small Mine Permit (SMP) has further defined phosphate horizon characteristics and confirmed its extension beyond the Gadde Bissik Inferred Resources area
- The exploration permit "Cherif-Lo Ngakham" has been successfully renewed for an additional 3 years

Avenira Limited ('Avenira' or 'the Company') is pleased to advise it has received results from recent exploration that has built confidence in the larger-scale potential of the Baobab Phosphate Project in the Republic of Senegal.

The new exploration results, combined with previous drilling data, indicate the Gadde Bissik phosphate mineralisation extends broadly east-west for more than 20 km in varying widths and thicknesses.

Earlier this year Avenira applied for an Exploitation Permit (previously referred to as a Large Mine Permit) to replace the current Small Mine Permit (SMP) as part of the longer-term expansion strategy.

Avenira CEO Louis Calvarin said, "These results are very positive and further demonstrate the validity of our geological models. The indication that the mineralisation around the Company's Gadde Bissik SMP extends, with varying widths and thicknesses, over a length of more than 20 kilometres, is particularly promising."

avenira.com

AVENIRA LIMITED ABN 48 116 296 541

△ Suite 19, 100 Hay Street, Subiaco, Western Australia 6008

PO Box 1704 West Perth WA 6872

+61 8 9264 7000

@ frontdesk@avenira.com

FOR FURTHER INFORMATION:

Mr Louis Calvarin
Managing Director and CEO, Avenira Limited

Mr Rod Wheatley

CFO and Company Secretary, Avenira Limited



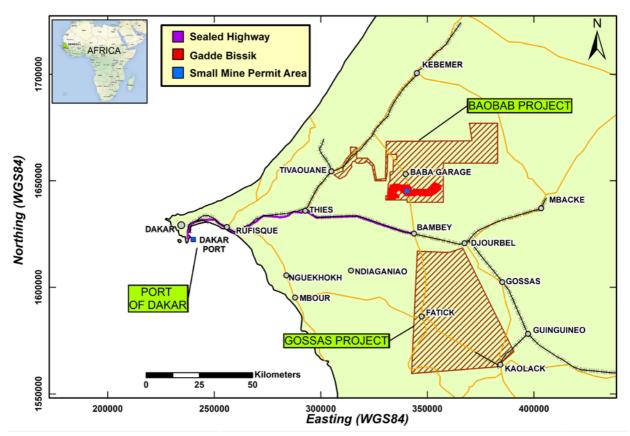


Figure 1: Project and tenement location

In the latest drilling program,  $500 \times 500 \text{ m}$  (metres) grid-spaced drilling within and to the west of the Gadde Escale prospect has returned significant interceptions and demonstrated the extension of phosphate mineralisation in the direction of the Small Mine Permit. Further infill drilling is currently planned.

Infill drilling over a  $125 \times 125 \text{ m}$  and  $500 \times 500 \text{ m}$  grid-spacing to the east of the SMP has better defined the distribution and nature of phosphate mineralisation and confirmed the eastward extension of mineralisation from the eastern edge of the Gadde Bissik East Inferred Resource area. These results warrant additional drilling investigation.

#### Gadde Escale (formerly Gad Escale)

The Gadde Escale Prospect is approximately 14 km east of the SMP (Figure 2). Assay data has been received for 28 air core holes previously announced in the ASX release dated 2 March 2017. These holes were drilled mainly to the west of the 2016 drilling. The results confirm that the



significant phosphate mineralisation at Gadde Escale is extensive and remains open to the west. Figure 3 shows schematic cross-sections of the lithological sequences at Gadde Escale and Gadde Bissik East and indicates that sequences at Gadde Escale are similar to those at the SMP.

#### Results included:

- RGRC0578 7 m at 20.8% P₂O₅ from 43 m depth, including
  - o 4 m at 24.6% P<sub>2</sub>O<sub>5</sub>
  - o The hole was located 700 m to the northwest of previously reported RGRC0452 4 m at  $14.3\% \text{ P}_2\text{O}_5$  from 36 m depth
- RGRC0609 6 m at 17.6% P<sub>2</sub>O<sub>5</sub> from 31 m depth
  - o Situated 700 m to the southwest of previously reported RGRC0560 6 m at 17.7%  $P_2O_5$  from 31 m depth
- RGRC0623 7 m at 18.5% P<sub>2</sub>O<sub>5</sub> from 38 m depth
- RGRC0622 2 m at 20.8% P<sub>2</sub>O<sub>5</sub> from 36 m depth
- RGRC0621 5 m at 23.5% P<sub>2</sub>O<sub>5</sub> from 34 m depth; and
- RGRC0620 6 m at 19.2% P<sub>2</sub>O<sub>5</sub> from 36 m depth.

Assay data from a further 10 air core holes are pending and interpreted phosphate horizon thicknesses based on visual logging are presented in Annexure 3. Noted intercepts indicate that the phosphate sequence continues to the west of the Gadde Escale Prospect.

Following receipt of these data, infill drilling at 250 x 250 m spacing around the best intercepts will begin, with the aim being to better define the Gadde Escale Inferred Resource. Additionally, the Company intends to continue the 500 x 500 m grid-spaced drilling to better define the total extent of Gadde Escale mineralisation and extend the Inferred Resource. This drilling program is planned to commence in Q4 2017.

#### Gadde Bissik East Inferred Resources Area to Gadde Escale

In the area between the Gadde Escale prospect and the eastern boundary of the Gadde Bissik East Inferred Resource (Figure 2), assay data has been received for the 23 holes also announced in the ASX release dated 2 March 2017. The purpose of this drilling was to extend the Inferred Resource eastwards. Assay data confirms the presence of phosphate mineralisation with thicknesses varying from 1 m to 6 m.

#### Results included:

- RGRC0603 5 m at 18.8% P₂O₅ from 32 m depth, including
  - o 1 m at 26.1% P<sub>2</sub>O<sub>5</sub>
- RGRC0592 3 m at 17.4% P<sub>2</sub>O<sub>5</sub> from 27 m depth
  - o Hole located 500 m south of previously reported RGRC0256 6 m at 20.1%  $P_2O_5$  from 36 m depth
- RGRC0594 5 m at 15.5% P₂O₅ from 38 m depth, including



- o 1 m at 26.8% P<sub>2</sub>O<sub>5</sub>
- RGRC0604 3 m at 14.9% P<sub>2</sub>O<sub>5</sub> from 30 m depth
- RGRC0585 4 m at 15.6%  $P_2O_5$  from 33 m depth; and
- RGRC0599 4 m at 14.2% P<sub>2</sub>O<sub>5</sub> from 30 m depth.

Assay data from 20 further holes are pending and the interpreted phosphate horizon thicknesses based on visual logging are presented in Annexure 3 for these boreholes. The logging indicates that the phosphate mineralisation continues to the east of the known Gadde Bissik East Inferred Resource.

Following receipt of these data,  $250 \times 250 \,\mathrm{m}$  infill drilling around best intercepts as well as an extension of the  $500 \times 500 \,\mathrm{m}$  grid-spaced drilling is planned to commence in Q4 2017, to better define the total extent of mineralisation between the Gadde Bissik East Inferred Resource area and the Gadde Escale prospect.

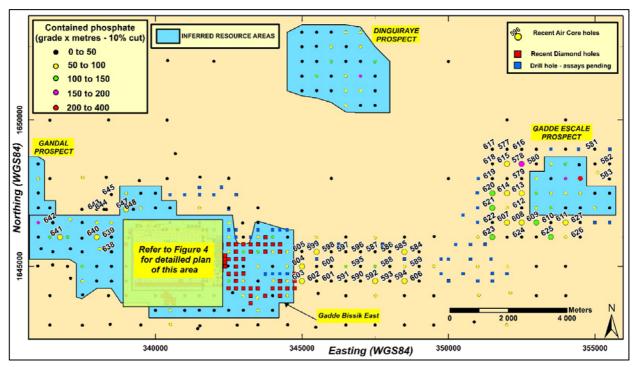


Figure 2: Recent drilling results within the broader Gadde Bissik area. Recent diamond hole results are presented in figure 4



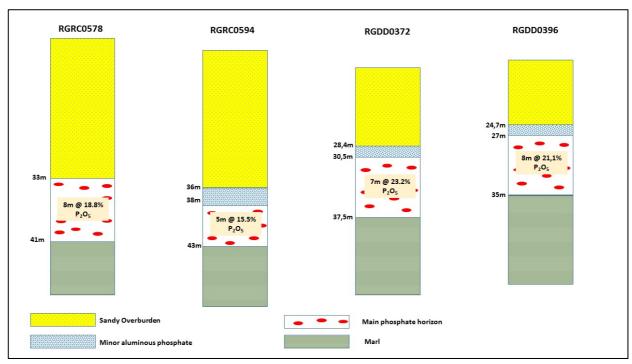


Figure 3: Schematic cross sections showing main lithological relationships in the Gadde Bissik area (Refer to figure 2 and 4 for collar locations)

#### Gadde Bissik East Inferred Resources Area

Within the Gadde Bissik East Inferred Resource area (Figure 2), 10 air core holes were drilled to the west and north-west of the SMP perimeter with the objective to better define and potentially extend the Gadde Bissik East Indicated Resource further towards the Gandal prospect. 60 diamond holes were drilled at the eastern edge of the SMP perimeter with the intent to better define the extension and the geometry of the phosphate sequences toward the east. Assay data confirm thick, high-grade mineralisation.

#### Results included:

- RGDD0372 7 m at 23.2% P₂O₅ from 30.5 m depth, including
  - o 4 m at 27.1% P<sub>2</sub>O<sub>5</sub>,
  - o Hole situated approximately 250 m north of previously reported RGDD040 6 m at  $19.6\%~P_2O_5$  from 37.9 m depth
- RGDD0389 7 m at 25.2% P<sub>2</sub>O<sub>5</sub> from 26.2 m depth
- RGDD0396 8 m at 21.1% P<sub>2</sub>O<sub>5</sub> from 26.8m depth; and
- RGDD0391 5 m to 25.3% P<sub>2</sub>O<sub>5</sub> from 18.9 m depth.



Assay data from a further 26 boreholes is pending and interpreted phosphate horizon thicknesses based on visual logging are presented in Annexure 3 for these boreholes.

Following receipt and interpretation of these data, a  $125 \times 125 \text{ m}$  grid-spaced infill diamond-cored drilling campaign around the best intercepts is planned to commence in Q4 2017. Extension of the  $250 \times 250 \text{ m}$  grid-spaced drilling is also planned.

#### Small Mine Permit Area

Assay data of 19 diamond holes drilled along the southern section of the SMP (Figure 4) have been received. The data has allowed better definition of the mineralisation adjacent to the southern portion of the current Indicated Resource area.

#### Results included:

- RGDD0346 6 m at 27.2% P<sub>2</sub>O<sub>5</sub> from 30.7 m depth, including
   2 m at 37.3% P<sub>2</sub>O<sub>5</sub>;
- RGDD0347 6 m at 21%  $P_2O_5$  from 28.9 m depth; and
- RGDD0350 6 m at 18.3% P<sub>2</sub>O<sub>5</sub> from 31 m depth

No further drilling is planned in this area.

An 88 grade-control air core drilling program at 50 x 50 m grid-spacing was carried out inside the perimeter of Stages 3 and 4 of the current mining plan. The objective of this activity was to improve the Company's knowledge of the mineralisation distribution and to support mining activities. 11 grade-control air core holes have been drilled in the norther part of SMP to support mining infrastructure relocation plans. Assay data are pending.



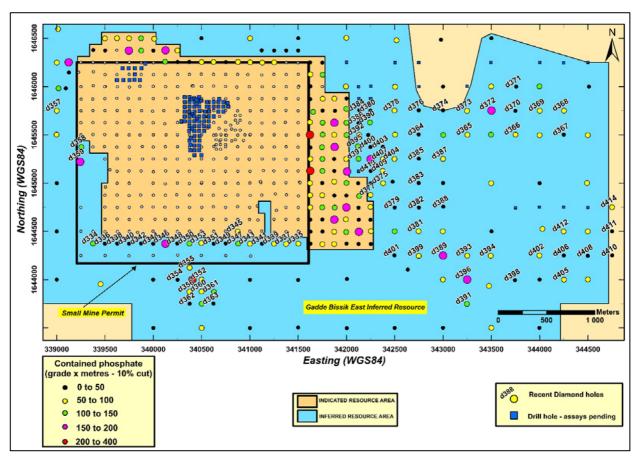


Figure 4: Recent drilling results within and around SMP area Greyed circles are drill holes with results not shown here

#### Regional

Assay data from 10 air core 4,000 x 4,000 m grid-spaced sterilisation holes at the western end of the exploration permit has been received (Figure 5). This program was conducted in preparation for a statutory 25% reduction in tenement size completed in mid-2017. As expected, results indicate that phosphate mineralisation is not significant other than in the far western part of the tenement where a previously identified alumino-phosphate horizon was intersected in two drill holes.

#### Results included:

- RGRC0634 5 m at 15.6%  $P_2O_5$  from 27 m depth and
- RGRC0633 5 m at 17.5% P<sub>2</sub>O<sub>5</sub> from 7 m depth,
- The phosphate horizon is marked by very high Al<sub>2</sub>O<sub>3</sub> values (average of 20% Al<sub>2</sub>O<sub>3</sub>).

No additional drilling is planned in this sector.



At regional scale, infill broad spaced drilling around best known intercepts in the north and east of the permit is planned for later in 2017.

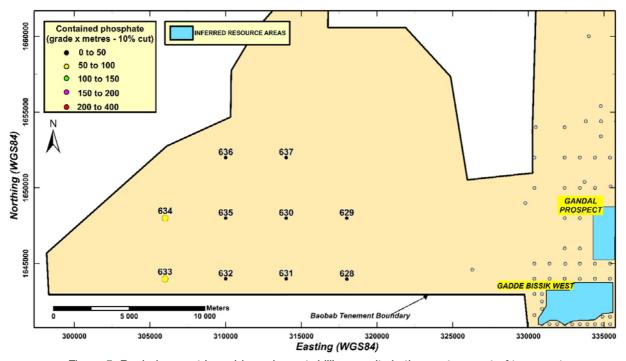


Figure 5: Baobab recent broad-based scout drilling results in the western part of tenement Greyed circles are drill holes with results not shown here

#### Permit

Areas of interest lie within BMCC Research Permit "Cherif-Lo Ngakham" in the region of Thies. The licence was renewed on 28 July 2014 for three years. A renewal application has been submitted on the 11 of May 2017 and approval granted for three additional years, starting on 27 July 2017 (Figure 6). The new permit area is now covering 1,163 km<sup>2</sup>.



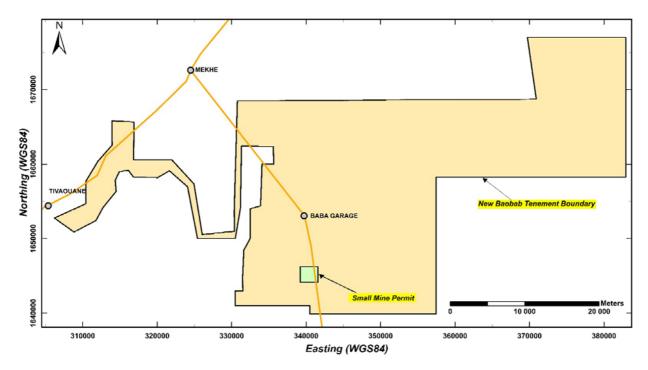


Figure 6: Cherif-Lo-Ngakham permit new boundary after renewal

Other material information is included in the mandatory JORC 2012 Table 1, included as Annexure 1.

Details of reported drilling are included in a table of material drill intercepts, included in Annexure 2.

Noted intercepts for boreholes with pending assay results are included in Annexure 3.



#### **Compliance Statement**

The information in this report that related to Exploration Results is based on information compiled by Bizouerne Franck, who is the Regional Geological Manager, a full-time employee of the Company and a Member of the European Federation of Geologists. Mr Bizouerne has sufficient experience that 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 Bizouerne consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Other information in this report relating to Exploration Results or estimates of Mineral Resources or Ore Reserves has been extracted from the reports listed below. The reports are available to be viewed on the company website at: www.avenira.com

#### **Baobab Project:**

27 April 2015: Minemakers to acquire a potential near-term production rock phosphate project in the Republic of Senegal

11 May 2015: Minemakers delivers maiden Inferred Resource for Baobab Rock Phosphate Project in Republic of Senegal

22 September 2015: Baobab project update

7 December 2015: Maiden Indicated Mineral Resource at Baobab Phosphate Project

7 January 2016: Technical Report Mineral Resource Estimation for the Gadde Bissik Phosphate Deposit, Republic of Senegal

28 October 2016: September 2016 Quarterly activities report

23 February 2017: Baobab exploration results update

2 March 2017: Baobab new Mineral Resources estimates

#### Cautionary Statement Regarding Forward Looking Information

All statements, trend analysis and other information contained in this document relative to markets for Avenira trends in resources, recoveries, production and anticipated expense levels, as well as other statements about anticipated future events or results constitute forward-looking statements. Forward-looking statements are often, but not always, identified by the use of words such as "seek", "anticipate", "believe", "plan", "estimate", "expect" and "intend" and statements that an event or result "may", "will", "should", "could" or "might" occur or be achieved and other similar expressions. Forward-looking statements are subject to business and economic risks and uncertainties and other factors that could cause actual results of operations to differ materially from those contained in the forward-looking statements. Forward-looking statements are based on estimates and opinions of management at the date the statements are made. Avenira does not undertake any obligation to update forward-looking statements even if circumstances or management's estimates or opinions should change. Investors should not place undue reliance on forward-looking statements.



# ANNEXURE 1 JORC Table



# JORC Code Table 1 Report: Baobab Project Exploration Results released as at 31 August 2017

### Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.	<ul> <li>Exploration drilling undertaken in 2016 by BMCC, an 80% owned subsidiary controlled by Avenira Limited. Exploration was planned and managed by Avenira's geological manager and Avenira's regional geological manager.</li> <li>The programs reported here comprised 71 air core (AC) holes totalling 2,700 metres of drilling and 81 diamond-cored holes (DD) totalling</li> </ul>
		3,153.5 metres of drilling.
	Include reference to measures taken to ensure sample	AC were sampled over 1 m down hole intervals.
	representativeness and the appropriate calibration of any measurement tools or systems used.	<ul> <li>AC sub-samples were collected by riffle splitting.</li> </ul>
		<ul> <li>Diamond core was halved or quartered for assaying using a diamond saw. Sample lengths are predominantly 1m down hole intervals.</li> </ul>
		All drilling and sampling was supervised by BMCC field geologists.
	<ul> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> </ul>	<ul> <li>Hand-held radiation detection measurements were used to aid selection of intervals for assaying. Phosphate mineralisation is typically associated with weakly elevated uranium. These results will not be used for resource estimation.</li> </ul>
	<ul> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information</li> </ul>	Samples were analysed by SGS Lakefield (Canada) using method XRF76C
		<ul> <li>SGS's sample preparation takes place in Dakar, Senegal, and comprises oven drying and crushing of the entire sample to 75% passing -2mm. A 1.5kg sample of -2mm is separated by riffle splitter. The 1.5kg sub-sample is pulverised to 85% passing -75 microns in a ring and puck pulveriser. SGS Method PRP89, PRP94.</li> </ul>
		20g sample is dispatched air freight to the analytical laboratory.
		For analyses by method XRF76C, a 0.2-0.5-gram sub-sample of the



Criteria	JORC Code explanation	Commentary
		pulverised material was fused with lithium metaborate and analysed by XRF for $P_2O_5$ , $Al_2O_3$ , $CaO$ , $Fe_2O_3$ , $K_2O$ , $MgO$ , $MnO$ , $Na_2O$ , $SiO_2$ and $TiO_2$ ( $\pm$ $Cr_2O_5$ and $V_2O_5$ ). SGS Method XRF76C. LOI was determined separately and gravimetrically at 1000°C.
Drilling	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air	The AC drilling utilised a bit diameter of 114.3mm.
techniques	blast, auger, Bangka, sonic, etc.) and details (e.g. 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.).	<ul> <li>All diamond drilling was triple tube, at 90mm diameter with rotary mud tri-cone pre-collars through un-mineralised overburden. Diamond core was not oriented.</li> </ul>
		All drilling was vertical.
<ul> <li>and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> <li>material. Ad approximat mineralised presence of Comparison with very grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</li> <li>Diamond or core runs a 95% for mineralised presence of Comparison with very grade and presence of Comparison with v</li></ul>	AC sample recovery was assessed by weighing total recovered sample material. AC drilling was conducted with two drill rigs. Recoveries of	
	, , , , , , , , , , , , , , , , , , ,	approximately 50% were recorded within the mineralised zone. The mineralised zone contains the most difficult ground conditions with the presence of hard pebbles causing issues with all types of drilling.
	whether sample bias may have occurred due to preferential loss/gain of	Comparison of AC holes with lower recovery and diamond-cored holes with very good recovery from similar mineralisation within tenement have demonstrated that there is no material bias attributable to lower recoveries from AC drilling. The recoveries are acceptable for exploration scout drilling and wider spaced prospect scale drilling.
		Diamond core recovery measurements comprised recovered lengths of core runs are available for all holes and show an average recovery of 95% for mineralised intervals, which is consistent with good quality diamond drilling.
		<ul> <li>The available information suggests that the sampling is representative and does not include a systematic bias due to preferential sample loss or gain.</li> </ul>
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.	Air core and diamond-cored holes were routinely geologically logged by industry standard methods, with logging available for all AC drilling. Sub-samples of all AC chips were retained in chip trays for the future
	• Whether logging is qualitative or quantitative in nature. Core (or costean,	reference.  The goological legging is qualitative in nature, and of sufficient detail to
<u> </u>		The geological logging is qualitative in nature, and of sufficient detail to



Criteria	JORC Code explanation	Commentary
	channel, etc.) photography.	support the exploration.
	The total length and percentage of the relevant intersections logged.	All recovered material was logged.
Sub- sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representativeness of samples.</li> </ul>	<ul> <li>AC samples were collected over generally 1m down-hole intervals and sub-sampled with a three tier riffle splitter. Most AC samples were dry.</li> <li>Measures taken to ensure the representativeness of AC sub-sampling include close supervision by field geologists, use of appropriate sub-sampling methods, routine cleaning of splitter and cyclones, and rigs with sufficient capacity to provide generally dry, high recovery AC samples.</li> </ul>
	<ul> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul>	<ul> <li>Information available to demonstrate the representativeness of subsampling includes AC field duplicates.</li> <li>Diamond core was halved or quartered for assaying using a diamond saw.</li> <li>The available information demonstrates that the sub-sampling methods and sub-sample sizes are appropriate for the grain size of the material being sampled, and provide sufficiently representative sub-samples for resource estimation.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>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.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.</li> </ul>	<ul> <li>Hand-held radiation detection measurements were used to aid selection of intervals for assaying.</li> <li>Avenira's assay quality control procedures include certified reference standards, coarse blanks and external laboratory checks. These results have established acceptable levels of precision and accuracy for the assays included in the current estimates.</li> <li>The available QAQC information has established acceptable levels of precision and accuracy for the attributes included in reporting of exploration results.</li> </ul>
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	The regional geological manager of Avenira has verified calculated intercept grades for intervals reported in this announcement on the basis of the data supplied.
	The use of twinned holes.	No twin holes were drilled in these programs.



Criteria	JORC Code explanation	Commentary
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Sample intervals and geological logs were recorded on logging sheets and subsequently entered into desk-top or lap-top computers. These logs and laboratory assay files were merged directly into a central Micromine database.
		Database and geological staff routinely validate database entries with reference to original data.
		<ul> <li>Avenira's database geologist and geological manager carry out checks of database validity including: Comparison of assay values with geological logging, comparison of assay values between nearby holes, checking for internal consistency between, and within database tables, and for most assays from drilling the results from laboratory source files were compared with database assay entries.</li> </ul>
		These checks showed no significant discrepancies in the databases used for resource estimation.
	Discuss any adjustment to assay data.	No assay results were modified.
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	100% of holes reported here have high accuracy differential GPS collar surveys.
	in Mineral Resource estimation.	No holes were down-hole surveyed in this program
	Specification of the grid system used.	All surveying was undertaken in UTM Zone 28 coordinates.
	Quality and adequacy of topographic control.	Topographic control by hand-held GPS and follow up with high accuracy differential GPS surveying is adequate for the current exploration data.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Drill hole spacing for these programs varied from 125 metres for definition drilling to 500 metres between holes for the extension grid- spaced program.
	<ul> <li>Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</li> </ul>	The data spacing has established geological continuity sufficiently for the current Exploration Results.



Criteria	JORC Code explanation	Commentary
	Whether sample compositing has been applied	Drill hole sample data were composited from predominantly 1 m downhole intervals. A small number of <1m intervals from diamond-cored samples were also composited.
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul> <li>The mineralisation is flat lying to gently undulating, and perpendicular to the generally vertical drill holes.</li> <li>The drilling orientation achieves un-biased sampling of the mineralisation.</li> </ul>
Sample security	The measures taken to ensure sample security.	Sample collection for the drilling was supervised by BMCC geologists using protocols established by Avenira's regional geological manager.
		The Gadde Bissik project is in a largely rural area with easy access to the general public. Samples selected for assaying were collected in heavy-duty polyweave plastic bags that were immediately sealed and placed inside a BMCC vehicle. Paperwork has been prepared on site. The bagged samples were then taken by BMCC employees and directly delivered every 2 weeks to SGS in Dakar by BMCC personnel. No contractors or third parties were permitted unsupervised access to sample before delivery to SGS.
		<ul> <li>Results of field duplicates and blanks, and the general consistency of results between this phase and previous sampling phases provide confidence in the general reliability of the data.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	<ul> <li>Sample data reviews have included comparisons between this and previous sampling phases and methods which provide some confidence in the general reliability of the data.</li> </ul>
		<ul> <li>The Avenira regional geological manager independently reviewed the quality and reliability of the exploration data. These reviews included observation of drilling and sampling, review of database consistency, comparison of laboratory source files with database entries, and review of QAQC information.</li> </ul>
		<ul> <li>The Competent Person considers that the sample preparation, security and analytical procedures adopted for the BMCC drilling provide an</li> </ul>



Criteria	JORC Code explanation	Commentary
		adequate basis for the reporting of Exploration Results.



# Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>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.</li> <li>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.</li> </ul>	<ul> <li>The Baobab project areas lie within BMCC 1553 km² Research Permit "Cherif-Lo Ngakham" in the region of Thies. The licence was renewed on 28 July 2014 for three years. A renewal application has been submitted on the 11 of May 2017 and approval granted for three additional years, starting on 27 July 2017. The new permit area is now covering 1,163 km²</li> </ul>
		• A 5km² higher grade, more closely drilled portion, is the subject of a granted Small Mine Permit. Avenira is an 80% owner of BMCC. The obligations in regard to fees and future royalties are not considered by the company to be commercially onerous. There are no known impediments to maintaining a licence to explore. Proposed changes to mineral titles legislation in Senegal seek to limit the number of mineral titles any one entity may possess concurrently. The impact of these proposed changes is uncertain but may affect the ability of the Company to obtain concurrent mining permits in future mining areas outside Gadde Bissik.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	<ul> <li>Very little modern exploration by other parties has taken place in the eastern part of the Baobab tenement. There is no system in Senegal whereby exploration information generated by mineral explorers is eventually made public. Occurrences of phosphate were recorded by the French geological survey (BRGM) from water wells excavated in the 1950s and 1960s and this information has proven to be a useful guide for locating areas of phosphate mineralisation.</li> </ul>
		<ul> <li>Some RC drilling was conducted in the northwest part of the eastern Baobab tenement, between RGRC0531 and RGRC0547 in 2014 by Atlas Resources before the acquisition of the project by Avenira. One isolated significant intersection of phosphate was recorded.</li> </ul>
Geology	Deposit type, geological setting and style of mineralisation.	<ul> <li>Phosphate mineralisation within the Baobab tenement is part of the widespread marine phosphate phase developed within the Senegalese sedimentary basin in the Middle Eocene (48.6 to 40.4 million years). Phosphate mineralisation in the Gadde Bissik area is predominantly a</li> </ul>



Criteria	JORC Code explanation	Commentary
		product of dismantling and reworking of primary high grade "residual" phosphate deposits and subsequent deposition under palaeomorphological control. The "reworked" deposits at Gadde Bissik are thicker and higher grade than typically recorded in the broader area and may indicate a more proximal source resulting in a lower degree of dilution through mixing with non-phosphatic material.
		• The Gadde Bissik stratigraphic succession is comprised of a footwall of marl or marly clays, with overlying nummulitic limestone in places, discordantly overlain by the phosphatic sequences. The contact is typically marked by elevated iron levels within the marly clay. The main phosphatic unit is comprised of phosphate sands with hard and soft phosphate pebbles, phosphatic conglomerates and varying degrees of ferruginous gravels. The unit varies from 1 to 10m thick with the thicker areas occurring as lenticular or pod-like bodies. Grades vary from 5-35% P <sub>2</sub> O <sub>5</sub> . Above the main phosphate unit, a layer of white gravelly aluminium phosphate is developed with grades typically in the range of 1-5% P <sub>2</sub> O <sub>5</sub> infrequently ranging up to 10%. The layer is not continuous and varies from 1-5m where present. The lower part of this unit grades into the main phosphatic unit in some places. The phosphatic units are overlain by clayey sands ranging from 25-40m thick.
		<ul> <li>Assay data and geological observations indicate that the mineralisation observed in this phase of scout drilling is likely to be of a similar nature to that which is contained within the Small Mine Permit area.</li> </ul>
Drill hole Information	<ul> <li>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:</li> </ul>	Drill hole results from this phase of drilling are included in this Public Report.
	o easting and northing of the drill hole collar	
	<ul> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> </ul>	
	o dip and azimuth of the hole	
	o down hole length and interception depth	
	o hole length.	



Criteria	JORC Code explanation	Commentary
	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.	
Data aggregation methods	<ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> </ul>	AC drilling data reported in these Exploration Results are nominally reported with a cut-off grade of 5%. For completeness, poorly-mineralised holes are reported with lower cut-offs.
	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 spread of assay results for this style of phosphate deposit between $0\%$ and $40\%$ $P_2O_5$ . Assays of economic interest are around $20\%$ or higher so there are minimal issues with skewing of averages due to high/low grade samples.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	The exploration results do not include equivalent values.
Relationship between	These relationships are particularly important in the reporting of Exploration Results.	The mineralisation is flat lying to gently undulating, and perpendicular the generally vertical drill holes, with down-hole lengths representing
mineralisation widths and intercept	• If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	true thicknesses.
lengths	• If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not 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.	Included in text of announcement.
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 are reported here.
Other substantive	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	<ul> <li>No other substantive data has been collected within the area of drilling reported here. The nature of the mineralisation and the lithology/stratigraphy correlates well with the phosphate occurrence</li> </ul>



Criteria	JORC Code explanation	Commentary
exploration data	method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	within the SMP which has been described in greater detail in previous market announcements, as listed in the compliance statement attached to the announcement.
extensions or depth extensions or large-scale step-out drilling). returned significant re	Closer-spaced AC drilling near the regional scout drill holes that have returned significant results from Q1 and Q2 2017 of drilling programs is	
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	<ul> <li>planned to commence in Q4 2017 and Q1 2018.</li> <li>Further infill diamond-cored drilling is proposed initially on a 250 x 250 m grid spacing for the prospects currently drilled at 500 x 500 m grid spacing. The drilling is planned to commence in Q4 2017 and Q1 2018</li> </ul>

# Section 3 Estimation and Reporting of Mineral Resources

(Criteria listed in section 1, and where relevant in section 2, also apply to this section.)

Criteria	JORC Code explanation	Commentary
Database integrity	Measures taken to ensure that data has not been corrupted by, for example, transcription or keying errors, between its initial collection and its use for Mineral Resource estimation purposes.	No mineral resource has been established
	Data validation procedures used.	
Site visits	Comment on any site visits undertaken by the Competent Person and the outcome of those visits.	No mineral resource has been established
	If no site visits have been undertaken indicate why this is the case.	
Geological interpretation	Confidence in (or conversely, the uncertainty of) the geological interpretation of the mineral deposit.	No mineral resource has been established
	Nature of the data used and of any assumptions made.	
	The effect, if any, of alternative interpretations on Mineral Resource estimation.	
	The use of geology in guiding and controlling Mineral Resource estimation.	



Criteria	JORC Code explanation	Commentary
	The factors affecting continuity both of grade and geology.	
Dimensions	<ul> <li>The extent and variability of the Mineral Resource expressed as length (along strike or otherwise), plan width, and depth below surface to the upper and lower limits of the Mineral Resource.</li> </ul>	No mineral resource has been established
Estimation and modelling techniques	The nature and appropriateness of the estimation technique(s) applied and key assumptions, including treatment of extreme grade values, domaining, interpolation parameters and maximum distance of extrapolation from data points. If a computer assisted estimation method was chosen include a description of computer software and parameters used.	No mineral resource has been established.
	The availability of check estimates, previous estimates and/or mine production records and whether the Mineral Resource estimate takes appropriate account of such data.	No mineral resource has been established.
	The assumptions made regarding recovery of by-products.	No mineral resource has been established.
	<ul> <li>Estimation of deleterious elements or other non-grade variables of economic significance (e.g. sulphur for acid mine drainage characterisation).</li> </ul>	
	In the case of block model interpolation, the block size in relation to the average sample spacing and the search employed.	No mineral resource has been established.
	Any assumptions behind modelling of selective mining units.	No mineral resource has been established.
	Any assumptions about correlation between variables.	No mineral resource has been established.
	Description of how the geological interpretation was used to control the resource estimates.	No mineral resource has been established.
	Discussion of basis for using or not using grade cutting or capping.	No mineral resource has been established.
	The process of validation, the checking process used, the comparison of model data to drill hole data, and use of reconciliation data if available.	No mineral resource has been established



Criteria	JORC Code explanation	Commentary
Moisture	Whether the tonnages are estimated on a dry basis or with natural moisture, and the method of determination of the moisture content.	No mineral resource has been established.
Cut-off parameters	The basis of the adopted cut-off grade(s) or quality parameters applied.	No mineral resource has been established.
Mining factors or assumptions	Assumptions made regarding possible mining methods, minimum mining dimensions and internal (or, if applicable, external) mining dilution. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential mining methods, but the assumptions made regarding mining methods and parameters when estimating Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the mining assumptions made.	No mineral resource has been established.
Metallurgical factors or assumptions	The basis for assumptions or predictions regarding metallurgical amenability. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider potential metallurgical methods, but the assumptions regarding metallurgical treatment processes and parameters made when reporting Mineral Resources may not always be rigorous. Where this is the case, this should be reported with an explanation of the basis of the metallurgical assumptions made.	No mineral resource has been established.
Environmenta I factors or assumptions	• Assumptions made regarding possible waste and process residue disposal options. It is always necessary as part of the process of determining reasonable prospects for eventual economic extraction to consider the potential environmental impacts of the mining and processing operation. While at this stage the determination of potential environmental impacts, particularly for a greenfields project, may not always be well advanced, the status of early consideration of these potential environmental impacts should be reported. Where these aspects have not been considered this should be reported with an explanation of the environmental assumptions made.	No mineral resource has been established.
Bulk density	Whether assumed or determined. If assumed, the basis for the assumptions. If determined, the method used, whether wet or dry, the frequency of the measurements, the nature, size and	No mineral resource has been established.



Criteria	JORC Code explanation	Commentary
	representativeness of the samples.	
	<ul> <li>The bulk density for bulk material must have been measured by methods that adequately account for void spaces (vugs, porosity, etc.), moisture and differences between rock and alteration zones within the deposit.</li> </ul>	
	<ul> <li>Discuss assumptions for bulk density estimates used in the evaluation process of the different materials.</li> </ul>	
Classification	The basis for the classification of the Mineral Resources into varying confidence categories.	No mineral resource has been established.
	Whether appropriate account has been taken of all relevant factors (i.e. relative confidence in tonnage/grade estimations, reliability of input data, confidence in continuity of geology and metal values, quality, quantity and distribution of the data).	No mineral resource has been established.
	Whether the result appropriately reflects the Competent Person's view of the deposit.	No mineral resource has been established.
Audits or reviews	The results of any audits or reviews of Mineral Resource estimates.	No mineral resource has been established.
Discussion of relative accuracy/ confidence	Where appropriate a statement of the relative accuracy and confidence level in the Mineral Resource estimate using an approach or procedure deemed appropriate by the Competent Person. For example, the application of statistical or geostatistical procedures to quantify the relative accuracy of the resource within stated confidence limits, or, if such an approach is not deemed appropriate, a qualitative discussion of the factors that could affect the relative accuracy and confidence of the estimate.	No mineral resource has been established.
	The statement should specify whether it relates to global or local estimates, and, if local, state the relevant tonnages, which should be relevant to technical and economic evaluation. Documentation should include assumptions made and the procedures used.	
	These statements of relative accuracy and confidence of the estimate should be compared with production data, where available.	



# ANNEXURE 2

Baobab Phosphate Project exploration drilling programs – material drill intercepts



11-1-15	F	N1 1 1	ъ.	ъ.	Total	Mine	eralised	intercept	: data (av	erage grad	le over w	idth)	D
Hole ID	Easting	Northing	RL	Dip	depth	From	То	Width	P <sub>2</sub> O <sub>5</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	Al <sub>2</sub> O <sub>3</sub> %	MgO%	Prospects
RGDD0334	339375.563	1644374.113	34.724	-90°	41.9	32.8	39.8	7.0	14.3	1.38	2.21	<0.01	SMP
						35.8	37.8	2.0	18.4	1.02	2.73	<0.01	
RGDD0335	341502.269	1644373.24	32.148	-90°	35.1	30.2	33.2	3.0	19.8	0.72	3.61	<0.01	SMP
						31.2	32.2	1.0	24.2	0.64	2.92	<0.01	
RGDD0336	339498.926	1644373.177	33.604	-90°	41.1				<6%				SMP
RGDD0337	341374.708	1644369.856	34.818	-90°	36.5	30.6	34.6	4.0	24.1	1.50	1.54	<0.01	SMP
00000000	220525 57	4644274.246	24.402	000	42.2	31.6	32.6	1.0	26.9	1.35	1.21	<0.01	CNAD
RGDD0338	339626.67	1644374.316	34.493	-90°	42.3	39.3	40.3	1.0	9.5	0.81	5.50	0.06	SMP
RGDD0339	341250.241	1644372.459	34.824	-90°	36.7	32.3	35.3	3.0	22.2	0.92	2.31	0.01	SMP
						33.3	35.3	2.0	26.5	0.90	1.61	<0.01	
RGDD0340	339748.96	1644373.82	33.87	-90°	40.4	35.4	38.4	3.0	8.7	0.74	1.85	0.03	SMP
RGDD0341	341125.757	1644373.295	34.191	-90°	37.6	33.6	35.6	2.0	16.5	1.26	2.26	0.04	SMP
RGDD0342	339873.54	1644375.15	34.43	-90°	40.4	37.7	38.7	1.0	13.1	0.69	2.74	<0.01	SMP
RGDD0343	341000.62	1644372.13	34.53	-90°	36.3	30.4	34.4	4.0	18.3	0.89	1.51	0.01	SMP
RGDD0344	339998.829	1644372.925	35.385	-90°	40.5	37.5	38.5	1.0	5.8	0.86	3.00	<0.01	SMP
DCDD034E	340875.22	1644407.21	25.0	-90°	20.0	22.0	25.0	2.0	24.0	0.00	2.07	40.01	CNAD
RGDD0345	340875.22	1644497.21	35.0	-90	38.0	32.8 33.8	35.8 35.8	3.0 2.0	24.0 30.3	0.80 0.80	3.07 2.01	<0.01 <0.01	SMP
RGDD0346	340125.12	1644372.95	34.4	-90°	39.7	30.7	36.7	6.0	27.2	0.78	1.42	<0.01	SMP
						31.7	33.7	2.0	37.3	0.64	0.35	<0.01	
RGDD0347	340879.29	1644373.81	34.52	-90°	37.0	28.9	34.9	6.0	21.0	1.24	1.56	<0.01	SMP
						29.9	30.9	1.0	35.5	1.39	0.96	<0.01	
RGDD0348	340248.982	1644375.516	35.297	-90°	40.5	37.4	38.4	1.0	14.1	2.03	2.97	0.01	SMP
RGDD0349	340749.693	1644375.238	32.941	-90°	36.9				<2%				SMP
RGDD0350	340374.145	1644374.013	34.328	-90°	39.0	31.0	37.0	6.0	18.3	1.45	3.18	<0.01	SMP
						36.0	37.0	1.0	24.3	2.70	2.63	<0.01	
RGDD0351	340626.246	1644373.049	31.871	-90°	37.0	34.4	35.4	1.0	5.8	3.40	1.22	0.02	SMP
RGDD0352	340500.03	1644001.183	34.0	-90°	37.5	32.2	36.2	4.0	21.8	3.61	3.67	0.23	Gadde Bissik
DCDD03E3	240407.52	1644270.052	22 207	000	27 5	22.5	25.5	2.0	17.0	2.20	2 42	z0.01	East
RGDD0353	340497.52	1644379.953	33.207	-90°	37.5	32.5	35.5	3.0	17.9	2.30	3.42	<0.01	SMP
RGDD0354	340250.901	1643998.718	35.835	-90°	39.7	36.6	37.6	1.0	10.1	0.67	2.28	0.05	Gadde Bissik East
RGDD0355	340376.668	1644124.29	35.0	-90°	40.0	34.1	38.1	4.0	20.4	2.77	2.16	0.02	Gadde Bissik
													East

 ${\sf RGRC - air\ core\ drilling;\ RGDD - diamond-cored\ drilling;\ nsr-no\ sample\ recovered}$ 



					Total	Min	eralised	intercept	data (av	erage grac	le over w	idth)	
Hole ID	Easting	Northing	RL	Dip	depth	From	To	Width	P <sub>2</sub> O <sub>5</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	Al <sub>2</sub> O <sub>3</sub> %	MgO%	Prospects
RGDD0356	340373.742	1643875.368	33.59	-90°	27.3	21.3	25.3	4.0	16.7	1.31	3.73	0.05	Gadde Bissik East
RGDD0357	339000.8489	1645748.461	35.1606	-90°	44.9	35.8	42.8	7.0	11.1	1.48	2.10	0.01	Gadde Bissik
KGDD0357	339000.6469	1045/46.401	33.1000	-90	44.9	35.8	39.8	4.0	12.7	1.48	2.10	0.01	East
RGDD0358	339255.4177	1645372.843	36.7199	-90°	50.5	42.5	48.5	6.0	18.8	2.21	2.13	0.01	SMP
NGDD0550	333233.4177	1043372.043	30.7133	30	30.3	43.5	44.5	1.0	25.3	2.28	1.56	0.02	Sivii
RGDD0359	339244.0106	1645220.458	36.9917	-90°	49.0	40.9	46.9	6.0	23.9	1.70	1.28	0.01	SMP
						42.9	46.9	4.0	29.7	1.73	1.20	0.02	
						44.9	46.9	2.0	35.0	1.65	0.84	0.02	
RGDD0360	340499.8002	1643877.806	34.9248	-90°	28.5	24.5	26.5	2.0	22.8	2.19	3.76	<0.01	Gadde Bissik East
RGDD0361	340628.4052	1643873.793	34.467	-90°	28.0	19.8	22.8	3.0	29.6	2.46	1.48	<0.01	Gadde Bissik
NGD D 0301	3 10020. 1032	1013073.733	31.107	30	20.0	19.8	21.8	2.0	35.7	2.94	1.20	<0.01	East
RGDD0362	340377.1602	1643750.506	35.1847	-90°	27.0	21.0	25.0	4.0	7.4	0.81	1.97	<0.01	Gadde Bissik
													East
RGDD0363	340623.2793	1643752.223	34.1024	-90°	26.5				<3%				Gadde Bissik
													East
RGDD0364	342747.8605	1645504.494	32.1359	-90°	43.5	39.5	41.5	2.0	8.2	3.52	3.82	0.07	Gadde Bissik
													East
RGDD0365	343252.559	1645500.556	32.725	-90°	40.5	34.6	38.6	4.0	17.2	2.60	1.73	0.02	Gadde Bissik
													East
RGDD0366	343750.082	1645502.81	36.149	-90°	43.5	37.0	42.0	5.0	20.4	2.92	1.90	0.04	Gadde Bissik
						38.0	39.0	1.0	27.9	3.86	1.09	0.02	East
RGDD0367	344250.017	1645502.647	35.23	-90°	40.0				<4%				Gadde Bissik East
RGDD0368	344252.283	1645749.654	35.214	-90°	35.3	27.3	33.3	6.0	16.6	4.82	1.35	<0.01	Gadde Bissik
NGDD0308	344232.283	1043749.034	33.214	-30	33.3	27.3	30.3	3.0	23.1	5.19	1.39	<0.01	East
RGDD0369	344001.616	1645748.444	36.409	-90°	38.5	30.4	36.4	6.0	16.4	2.45	2.67	0.02	Gadde Bissik
						31.4	32.4	1.0	26.0	2.31	1.52	<0.01	East
RGDD0370	343749.655	1645747.187	36.657	-90°	39.8	35.7	37.7	2.0	17.2	1.76	1.55	0.04	Gadde Bissik East
RGDD0371	343757.795	1645998.573	35.929	-90°	33.1	30.4	31.5	1.1	11.4	6.29	4.51	0.68	Gadde Bissik
	3.37371733	20.0000.070	33.323	30	33.1	30	32.3			0.23		0.00	East
RGDD0372	343501.949	1645750.222	35.305	-90°	39.3	30.5	37.5	7.0	23.2	1.46	1.85	0.01	Gadde Bissik
						31.5	35.5	4.0	27.1	1.01	1.52	<0.01	East
RGDD0373	343249.673	1645748.503	37.08	-90°	45.1	40.2	43.2	3.0	24.1	2.62	2.98	0.04	Gadde Bissik East
RGDD0374	342999.58	1645752.882	31.821	-90°	41.3	38.3	39.3	1.0	6.1	1.53	2.81	0.06	Gadde Bissik
	3.233.30	10.0701.001	01.021	30	12.0	30.5	33.3	1.0	0.1	2.55		0.00	East
RGDD0375	342375.953	1644999.512	35.974	-90°	44.2	37.6	42.6	5.0	18.3	1.01	2.42	0.02	Gadde Bissik
						37.6	38.6	1.0	21.3	0.92	1.58	<0.01	East
RGDD0376	342748.32	1645752.495	33.317	-90°	43.4	40.4	41.4	1.0	7.0	3.82	2.16	0.05	Gadde Bissik
0.0000077	242254 642	4644074.660	25 527	000	42.2	26.2	40.0		46.0	4.04	4 42	.0.01	East
RGDD0377	342251.643	1644874.668	35.537	-90°	42.3	36.3 39.3	40.3 40.3	4.0	16.0 21.2	4.81	1.43 1.78	<0.01 0.02	Gadde Bissik
RGDD0378	342500.474	1645751.392	34.438	-90°	44.2	36.0	42.0	1.0 6.0	14.5	16.30 3.92	2.20	0.02	East Gadde Bissik
מ/כטעעטאו	344300.474	1043/31.332	34.430	-90	44.2	37.0	38.0	1.0	19.9	4.52	1.79	<0.02	East
RGDD0379	342500.354	1644748.169	34.76	-90°	41.4	37.3	39.3	2.0	15.1	1.23	1.39	<0.01	Gadde Bissik
3000373	3-2300.334	1077/70.103	34.70	20	71.4	] 37.3	33.3	2.0	13.1	1.23	1.55	10.01	East
RGDD0380	342249.067	1645750.137	32.597	-90°	41.8	38.8	39.8	1.0	11.4	1.51	2.81	0.03	Gadde Bissik
													East
		i						5% P <sub>2</sub> O <sub>5</sub>			•		

 $\mathsf{RGRC} \text{ -} \mathsf{air} \mathsf{\,core} \mathsf{\,drilling;} \, \mathsf{RGDD} \text{ -} \mathsf{\,diamond\text{-}} \mathsf{cored} \mathsf{\,drilling;} \, \mathsf{nsr} \text{ -} \mathsf{\,no} \, \mathsf{sample} \, \mathsf{recovered}$ 



Hele ID	Factive -	Nauthin -	D:	D:	Total	Mine	eralised	intercept	data (av	erage grac	le over w	idth)	Duna:
Hole ID	Easting	Northing	RL	Dip	depth	From	То	Width	P <sub>2</sub> O <sub>5</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	Al <sub>2</sub> O <sub>3</sub> %	MgO%	Prospects
RGDD0381	342746.6	1644501.236	36.154	-90°	38.2	32.2	36.2	4.0	20.8	1.12	2.58	0.02	Gadde Bissik
													East
RGDD0382	342750.296	1644747.736	36.199	-90°	39.9	36.2	38.2	2.0	15.9	4.87	2.07	<0.01	Gadde Bissik
													East
RGDD0383	342751.124	1645000.579	34.213	-90°	40.4				<4%				Gadde Bissik
													East
RGDD0384	342133.272	1645753.25	32.202	-90°	41.3				<3%				Gadde Bissik
													East
RGDD0385	342747.798	1645251.449	37.278	-90°	48.8	41.2	47.2	6.0	10.6	1.80	3.00	<0.01	Gadde Bissik
						42.2	43.2	1.0	31.0	2.03	1.62	<0.01	East
RGDD0386	342126.191	1645624.138	31.626	-90°	44.1	42.2	43.2	1.0	14.8	3.55	1.76	0.03	Gadde Bissik
													East
RGDD0387	342998.139	1645250.087	34.312	-90°	46.4	39.4	44.4	5.0	15.3	4.50	2.34	0.01	Gadde Bissik
						40.4	41.4	1.0	20.9	2.50	1.77	<0.01	East
RGDD0388	343001.006	1644753.481	36.152	-90°	38.4	32.4	34.4	2.0	14.7	0.61	1.77	<0.01	Gadde Bissik
													East
RGDD0389	343000.632	1644249.198	35.339	-90°	35.2	26.2	33.2	7.0	25.2	1.11	1.67	<0.01	Gadde Bissik
						28.2	31.2	3.0	28.8	1.01	1.33	<0.01	East
RGDD0390	342247.568	1645626.192	33.322	-90°	46.5	39.5	44.5	5.0	22.2	12.88	1.40	0.03	Gadde Bissik
													East
RGDD0391	343249	1643750.983	36.043	-90°	25.9	18.9	23.9	5.0	25.3	1.79	1.50	0.01	Gadde Bissik
						18.9	21.9	3.0	31.2	2.26	1.31	0.01	East
RGDD0392	342129.836	1645498.772	33.798	-90°	50.4	39.6	45.6	6.0	14.5	2.47	1.70	0.02	Gadde Bissik
													East
RGDD0393	343250.572	1644248.474	33.778	-90°	33.4	27.2	31.2	4.0	18.9	0.73	2.93	0.02	Gadde Bissik
													East
RGDD0394	343495.334	1644248.082	34.904	-90°	33.3	28.1	32.1	4.0	19.6	0.48	1.94	0.01	Gadde Bissik
													East
RGDD0395	342119.483	1645376.903	34.588	-90°	52.0	43.2	50.2	7.0	16.7	9.08	5.01	0.67	Gadde Bissik
						44.2	45.2	1.0	27.6	5.67	3.29	0.38	East
						49.2	50.2	1.0	22.6	7.12	4.03	0.55	2001
RGDD0396	343249.661	1644000.944	35.779	-90°	36.4	26.8	34.8	8.0	21.1	0.67	1.66	<0.01	Gadde Bissik
						31.8	33.8	2.0	25.2	0.58	1.17	<0.01	East
RGDD0397	342126.162	1645251.791	34.956	-90°	48.5	38.4	43.4	5.0	25.6	2.61	3.77	0.09	Gadde Bissik
						38.4	40.4	2.0	32.7	4.47	0.84	<0.01	East
						41.4	42.4	1.0	30.6	0.63	5.07	0.03	
RGDD0398	343742.735	1643998.814	37.081	-90°	27.1	23.1	25.4	2.4	16.7	0.86	1.44	<0.01	Gadde Bissik
													East
RGDD0399	342747.658	1644249.89	36.155	-90°	35.9	30.9	34.9	4.0	19.4	0.74	1.63	<0.01	Gadde Bissik
						33.9	34.9	1.0	25.1	1.04	1.19	0.01	East
RGDD0400	342248.176	1645373.794	34.884	-90°	52.6	49.4	50.4	1.0	9.5	5.73	2.10	0.08	Gadde Bissik
					]								East

Intervals restricted to those with ≥ 5% P<sub>2</sub>O<sub>5</sub>

 ${\sf RGRC - air\ core\ drilling;\ RGDD\ -\ diamond-cored\ drilling;\ nsr-no\ sample\ recovered}$ 



11-1-15	F	N14 ! !	D:	ъ.	Total	Mine	eralised	intercept	data (av	erage grad	le over w	idth)	B
Hole ID	Easting	Northing	RL	Dip	depth	From	То	Width	P <sub>2</sub> O <sub>5</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	Al <sub>2</sub> O <sub>3</sub> %	MgO%	Prospects
RGDD0401	342497.026	1644252.292	36.839	-90°	38.9	34.9	36.9	2.0	12.8	0.93	4.15	0.05	Gadde Bissik East
RGDD0402	343996.313	1644251.456	35.647	-90°	37.3	32.4	35.4	3.0	19.3	0.59	1.77	0.01	Gadde Bissik
						33.4	34.4	1.0	22.5	0.73	1.61	0.01	East
RGDD0403	342374.245	1645375.24	33.671	-90°	46.6	43.7	44.7	1.0	13.1	2.55	3.85	0.03	Gadde Bissik East
RGDD0404	342499.4	1645250.239	34.882	-90°	45.9	42.1 43.1	44.1 44.1	2.0 1.0	26.9 30.1	1.68 2.41	2.06 2.20	0.03 0.04	Gadde Bissik East
RGDD0405	344252.477	1643998.9	37.064	-90°	25.7	21.2	24.2	3.0	17.2	1.42	3.90	0.06	Gadde Bissik
RGDD0406	344251.158	1644250.583	35.828	-90°	27.6	24.8	25.8	1.0	13.7	0.80	4.38	0.04	East Gadde Bissik
													East
RGDD0407	342375.072	1645249	34.383	-90°	49.5	44.4	47.4	3.0	17.5	3.87	2.06	0.04	Gadde Bissik East
RGDD0408	344499.161	1644248.459	35.992	-90°	26.3	22.3	24.3	2.0	12.0	1.37	3.97	0.06	Gadde Bissik East
RGDD0409	342371.942	1645126.119	34.851	-90°	4.6	39.3	44.3	5.0	14.3	0.82	3.84	0.04	Gadde Bissik
110000103	312371.312	10 13120.113	31.031	30	1.0	40.3	41.3	1.0	19.6	0.72	4.42	0.04	East
RGDD0410	344751.234	1644251.131	36.048	-90°	46.1	22.8	23.8	1.0	17.8	2.06	4.57	0.10	Gadde Bissik East
RGDD0411	344749.251	1644499.121	35.637	-90°	36.4	31.5	32.5	1.0	13.1	1.40	3.40	0.04	Gadde Bissik
RGDD0412	344249.518	1644499.578	36.928	-90°	36.8	32.1	35.1	2.0	18.3	1.06	3.02	0.03	East Gadde Bissik
NGDD0412	344243.310	1044499.576	30.326	-90	30.6	33.1	34.1	3.0 1.0	22.8	1.16	2.10	0.03	East
RGDD0413	342249.699	1645124.728	34.635	-90°	45.5	42.6	43.6	1.0	5.8	1.96	4.57	0.03	Gadde Bissik East
RGDD0414	344751.21	1644750.452	35.619	-90°	41.8	35.7	40.7	5.0	17.9	1.56	0.97	0.02	Gadde Bissik
NODDOTIT	344731.21	1044730.432	33.013	30	41.0	35.7	37.7	2.0	21.6	1.22	1.03	0.03	East
RGRC0577	351999.403	1649000.133	34.033	-90°	44	40	42	2.0	14.0	3.33	3.63	0.16	Gadde Escale
RGRC0578	352496.272	1648499.710	36.431	-90°	43	34	41	7.0	20.8	8.57	1.71	0.11	Gadde Escale
						37	41	4.0	24.6	2.51	1.54	0.23	
RGRC0579	352497.933	1648000.941	35.207	-90°	41	37	39	2.0	13.5	3.05	2.50	0.65	Gadde Escale
RGRC0580	353000	1648499		-90°	43	37	41	4.0	10.9	2.17	1.98	0.17	Gadde Escale
RGRC0581	354992.978	1649007.027	32.764	-90°	39	34	37	3.0	14.4	3.08	2.96	0.40	Gadde Escale
RGRC0582	355497.904	1648500.371	35.342	-90°	36	32	34	2.0	15.1	2.48	2.99	0.05	Gadde Escale
RGRC0583	355492.735	1647984.922	37.457	-90°	41	36	39	3.0	16.1	3.83	3.47	0.20	Gadde Escale
RGRC0584	348997.847	1645500.835	35.693	-90°	40	37	38	1.0	7.4	3.64	4.82	2.47	Gadde Bissik
													East
RGRC0585	348497.138	1645496.011	36.482	-90°	38	33	37	4.0	15.6	2.42	3.03	0.45	Gadde Bissik
				 	s restricte	al & a. +l	- بالماد	F0/ P O	<u> </u>		<u> </u>		East

 ${\sf RGRC - air\ core\ drilling;\ RGDD - diamond-cored\ drilling;\ nsr-no\ sample\ recovered}$ 



Hale ID	F	Ni a maile tre a	D.	D:	Total	Mineralised intercept data (average grade over width)							
Hole ID	Easting	Northing	RL	Dip	depth	From	То	Width	P <sub>2</sub> O <sub>5</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	Al <sub>2</sub> O <sub>3</sub> %	MgO%	Prospects
RGRC0586	347999.340	1645501.151	34.973	-90°	35	29	33	4.0	6.4	0.69	2.31	0.03	Gadde Bissik East
RGRC0587	347499.630	1645501.260	36.746	-90°	35	30	33	3.0	13.3	0.84	3.23	0.06	Gadde Bissik
RGRC0588	348000.132	1644998.640	35.596	-90°	38	34	36	2.0	9.7	1.81	3.16	0.13	East Gadde Bissik
RGRC0589	349000.759	1644999.274	36.41	-90°	42	39	40	1.0	16.8	6.28	4.68	0.23	East Gadde Bissik
RGRC0590	346994.618	1644501.723	36.435	-90°	30	25	28	3.0	10.0	3.88	4.93	0.17	East Gadde Bissik
RGRC0591	346499.799	1644498.985	36.388	-90°	28	24	27	3.0	14.0	4.11	7.67	0.21	East Gadde Bissik
RGRC0592	347499.489	1644500.517	36.439	-90°	32	27	30	3.0	17.4	0.67	2.65	0.02	East Gadde Bissik
RGRC0593	347999.659	1644498.694	37.732	-90°	35	31	33	2.0	12.4	0.50	3.11	0.04	East Gadde Bissik
RGRC0594	348500.182	1644499.936	37.007	-90°	45	38	43	5.0	15.5	0.50	3.46	0.06	East Gadde Bissik
						39	40	1.0	26.8	0.40	2.28	0.05	East
RGRC0595	346999.882	1645000.412	35.009	-90°	35	31	33	2.0	10.5	3.55	4.94	0.19	Gadde Bissik East
RGRC0596	346999.691	1645498.831	35.54	-90°	32	28	29	1.0	6.9	9.58	10.50	3.62	Gadde Bissik East
RGRC0597	346499.865	1645500.825	35.665	-90°	32	28	29	1.0	11.2	0.84	4.13	0.04	Gadde Bissik East
RGRC0598	346001.439	1645500.496	37.629	-90°	35	30	32	2.0	15.1	0.59	2.13	0.03	Gadde Bissik East
RGRC0599	345499.751	1645497.408	37.663	-90°	36	30	34	4.0	14.2	1.07	2.73	<0.01	Gadde Bissik East
RGRC0600	345999.771	1645000.054	35.89	-90°	34	28	31	3.0	12.3	0.90	4.18	0.03	Gadde Bissik East
RGRC0601	345998.833	1644499.903	35.811	-90°	29	25	26	1.0	8.8	7.03	7.67	0.91	Gadde Bissik East
RGRC0602	345498.418	1644500.186	36.644	-90°	39	33	36	3.0	7.0	0.93	4.77	0.06	Gadde Bissik
RGRC0603	344999.808	1644499.086	36.786	-90°	39	32	37	5.0	18.8	1.41	3.41	0.03	East Gadde Bissik
RGRC0604	345000.791	1644999.459	37.702	-90°	36	33 30	34	3.0	26.1 14.9	0.81 1.17	1.75 1.90	<0.01	East Gadde Bissik
RGRC0605	344997.719	1645510.833	35.613	-90°	35	30	33	3.0	13.8	2.55	2.69	0.01	East Gadde Bissik
RGRC0606	349000.338	1644504.596	37.613	-90°	48	43	46	3.0	12.7	0.86	2.77	0.02	East Gadde Bissik
RGRC0607	351999.871	1646499.977	34.746	-90°	42	34	39	5.0	14.4	2.18	3.22	0.01	East Gadde Escale
RGRC0608	352499.138	1646498.857	35.625	-90°	42	34	39	5.0	16.3	2.32	2.20	0.01	Gadde Escale

 ${\sf RGRC\ -\ air\ core\ drilling;\ RGDD\ -\ diamond\ -cored\ drilling;\ nsr\ -\ no\ sample\ recovered}}$ 



	F	N1	ъ.	ъ.	Total	Mineralised intercept data (average grade over width)							
Hole ID	Easting	Northing	RL	Dip	depth	From	То	Width	P <sub>2</sub> O <sub>5</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	Al <sub>2</sub> O <sub>3</sub> %	MgO%	Prospects
RGRC0609	352999.096	1646500.119	33.75	-90°	39	31	37	6.0	17.6	1.71	2.76	0.05	Gadde Escale
RGRC0610	353497.49	1646497.373	36.243	-90°	43	40	41	1.0	11.9	7.81	7.77	0.51	Gadde Escale
RGRC0611	353998.55	1646500.882	37.31	-90°	43	39	41	2.0	18.6	0.90	1.46	<0.01	Gadde Escale
RGRC0612	352500.798	1646999.178	33.723	-90°	39	37	38	1.0	13.8	2.87	3.55	0.55	Gadde Escale
RGRC0613	352499.099	1647499.623	36.397	-90°	43	37	41	4.0	13.8	5.67	2.53	0.06	Gadde Escale
RGRC0614	351999.396	1647502.396	34.515	-90°	41	34	39	5.0	16.0	1.26	1.60	0.02	Gadde Escale
RGRC0615	352000.12	1648500.811	36.989	-90°	46	34 38	35 44	6.0	25.7 14.3	1.02 2.59	1.59 2.36	<0.01 0.18	Gadde Escale
RGRC0616	352502.211	1648998.499	38.082	-90°	47	42	44	2.0	23.3	1.40	1.30	<0.01	Gadde Escale
RGRC0617	351498.696	1649000.44	35.392	-90°	46	42	44	2.0	8.3	10.30	3.79	0.21	Gadde Escale
RGRC0618	351500.825	1648500.081	36.728	-90°	47	44	45	1.0	<4%				Gadde Escale
RGRC0619	351498.237	1647997.233	36.868	-90°	43	41	42	1.0	15.1	1.29	1.49	0.02	Gadde Escale
RGRC0620	351500.036	1647500.082	37.06	-90°	43	36	42	6.0	19.2	2.41	1.41	0.04	Gadde Escale
RGRC0621	351497.932	1647000.412	35.007	-90°	41	37 34	38 39	5.0	29.6	0.96 2.03	1.63	<0.01 0.04	Gadde Escale
RGRC0622	351500.427	1646501.293	34.544	-90°	41	36	38	2.0	20.8	3.19	1.72	0.02	Gadde Escale
RGRC0623	351501.11	1645998.809	35.641	-90°	47	38	45	7.0	18.5	7.28	1.80	<0.01	Gadde Escale
RGRC0624	352499.195	1646000.872	34.668	-90°	44	40	42	2.0	8.6	2.23	3.61	0.13	Gadde Escale
RGRC0625	353495.374	1646006.205	37.38	-90°	44	36 37	42 38	6.0	19.7	2.16	1.53 1.18	0.02 <0.01	Gadde Escale
RGRC0626	354498.176	1645999.795	38.112	-90°	44	41	42	1.0	26.1 5.9	1.70 3.12	1.18	0.04	Gadde Escale
RGRC0627	354496.489	1646502.042	36.9	-90°	43	39	40	1.0	16.2	2.30	3.25	0.04	Gadde Escale
RGRC0628	318007.8261	1643982.307	17.7326	-90°	9				<1%				Tivaouane
RGRC0629	317999.0339	1648000.025	13.5763	-90°	14				<1%				Tivaouane
RGRC0630	313999.7421	1648000.642	20.7486	-90°	23				<1%				Tivaouane
RGRC0631	314000.3648	1644001.265	15.5521	-90°	20				<1%				Tivaouane

 ${\sf RGRC-air}\ core\ drilling;\ {\sf RGDD-diamond-cored}\ drilling;\ nsr-no\ sample\ recovered$ 



					Total	Mine	eralised	intercept	data (av	erage grac	le over w	idth)	_
Hole ID	Easting	Northing	RL	Dip	depth	From	То	Width	P <sub>2</sub> O <sub>5</sub> %	Fe <sub>2</sub> O <sub>3</sub> %	Al <sub>2</sub> O <sub>3</sub> %	MgO%	Prospects
RGRC0632	310002.6396	1643998.396	24.9889	-90°	47				<1%				Tivaouane
RGRC0633	305989.7194	1643986.09	41.3651	-90°	16	7	12	5.0	17.5	6.83	21.44	0.12	Tivaouane
RGRC0634	305999.922	1648000.127	45.2447	-90°	33	27	32	5.0	15.6	6.08	18.78	0.04	Tivaouane
RGRC0635	309998.8521	1648002.053	30.1066	-90°	34	31	32	1.0	4.2	5.12	8.44	4.96	Tivaouane
RGRC0636	310000.289	1651998.881	38.3371	-90°	22	19	20	1.0	8.9	7.41	7.22	0.34	Tivaouane
RGRC0637	313998.8192	1651999.39	31.0627	-90°	23				<1%				Tivaouane
RGRC0638	338499.275	1645497.622	34.658	-90°	46	39 40	45 41	6.0 1.0	9.5 15.9	4.51 7.07	3.33 2.68	0.05 0.04	Gadde Bissik East
RGRC0639	338501.009	1646000.646	32.082	-90°	41	37	38	1.0	4.8	2.30	2.87	0.04	Gadde Bissik East
RGRC0640	338000.644	1645999.025	36.669	-90°	44	38	44	6.0	15.7	8.11	2.78	0.03	Gadde Bissik
						40	42	2.0	19.8	11.55	1.90	0.03	East
RGRC0641	336748.265	1645999.011	33.251	-90°	43	36 39	41 40	5.0	15.9	4.11	4.65	0.35	Gadde Bissik
DCDC0C43	226400.065	4646407 404	24.57	-90°	40	39	_	1.0	21.5	2.68	1.93	0.04	East
RGRC0642	336499.965	1646487.491	31.57	-90	40	34 34	38 35	4.0 1.0	8.2 17.1	3.75 3.41	6.09 3.37	0.60 0.06	Gadde Bissik East
RGRC0643	338003.235	1646946.088	36.394	-90°	48	45	46	1.0	5.1	4.32	4.04	0.22	Gadde Bissik East
RGRC0644	338250.533	1646947.998	35.606	-90°	47	43	44	1.0	16.4	4.48	2.98	0.06	Gadde Bissik East
RGRC0645	338502.328	1647454.076	29.214	-90°	40	34 36	38 37	4.0 1.0	14.6 21.0	4.21 3.76	3.48 2.84	0.07 0.06	Gadde Bissik East
RGRC0647	339001.052	1646947.937	31.031	-90°	43	34	41	7.0	15.3	5.19	2.91	0.08	Gadde Bissik East
RGRC0648	339250.724	1646950.694	31.04	-90°	44	39	41	2.0	9.3	3.83	3.57	0.06	Gadde Bissik East

RGRC - air core drilling; RGDD - diamond-cored drilling; nsr - no sample recovered



## **ANNEXURE 3**

Baobab Phosphate Project exploration drilling programs – Drill hole pending results



Hole ID	Easting	Northing	RL	Total depth	Dip	(assay result pending)			Prospects
						From	То	Width	
RGDD0415	342123.452	1645121.888	34.395	45.5	-90°	34.8	43.36	8.56	Gadde Bissik East
RGDD0416	344500.614	1644750.188	36.944	41.1	-90°	34.06	39.48	5.4	Gadde Bissik East
RGDD0417	342123.583	1645875.999	32.524	39.9	-90°	37.27	37.6	0.32	Gadde Bissik East
RGDD0418	342249.834	1645875.315	31.649	36.3	-90°	27.35	34.3	6.95	Gadde Bissik East
RGDD0419	344249.297	1644750.94	36.491	35.75	-90°	30	33.75	3.75	Gadde Bissik East
RGDD0420	342748.967	1645998.414	33.498	35.5	-90°	26.71	33.14	6.43	Gadde Bissik East
RGDD0421	343996.673	1644749.492	33.709	33.8	-90°	27.15	32.2	5.05	Gadde Bissik East
RGDD0422	343248.601	1646002.731	34.209	35	-90°	27.4	33.05	5.65	Gadde Bissik East
RGDD0423	343749.154	1644745.464	33.755	33.8	-90°	28.5	32.05	3.55	Gadde Bissik East
RGDD0424	342747.551	1646248.929	33.617	35	-90°	25.4	32.45	7.05	Gadde Bissik East
RGDD0425	342499.874	1646247.657	30.968	33.4	-90°	25.85	31.27	5.42	Gadde Bissik East
RGDD0426	342251.884	1646000.444	31.265	38	-90°	32.73	35.7	2.97	Gadde Bissik East
RGDD0427	342124.153	1645996.965	31.851	38.5	-90°	33.2	36.97	3.77	Gadde Bissik East
RGDD0428	342000.775	1646251.985	31.235	38.5	-90°	34.05	36.95	2.9	Gadde Bissik East
RGDD0429	343499.08	1646251.857	34.446	30	-90°	25.22	28	2.78	Gadde Bissik East
RGDD0430	344000.446	1646248.838	34.602	26.5	-90°	22	24.76	2.76	Gadde Bissik East
RGDD0431	344246.034	1646245.33	34.121	23.3	-90°	20.05	21.7	1.65	Gadde Bissik East
RGDD0432	344497.71	1646250.485	35.221	23.25	-90°	19.6	21.1	1.5	Gadde Bissik East
RGDD0433	345247.803	1645748.285	36.097	36.5	-90°	29.85	34.36	4.51	Gadde Bissik East
RGDD0434	342499.172	1646949.378	32.815	27	-90°	23.5	24.88	1.38	Gadde Bissik East
RGDD0435	342758.6	1647451.99	29.524	35.5	-90°	30.95	34	3.05	Gadde Bissik East
RGDD0436	342251.992	1647703.183	30.053	35.5	-90°	31.47	33.75	2.28	Gadde Bissik East
RGDD0437	341996.142	1647443.57	26.774	47.5	-90°	41.5	45.85	4.35	Gadde Bissik East
RGDD0438	341496.018	1647700.783	30.498	29.96	-90°	23.75	27.96	4.21	Gadde Bissik East
RGDD0439	341507.267	1647457.767	30.018	45	-90°	36.44	43	6.56	Gadde Bissik East
RGDD0440	345500.842	1645251.157	36.352	36.6	-90°	25.87	34.65	8.78	Gadde Bissik East
RGDD - diam	ond-cored drilli	ng							



RGDD0441         340998.399         1647450.251         33.912         45.2         90"         38.9         43.17         4.27         Gadde Bissik East           RGDD0442         340501.95         164746.98         34.337         44         -90"         38.67         42.5         3.83         Gadde Bissik East           RGDD0443         346250.373         1645750.973         36.824         29.8         -90"         27.33         27.7         0.37         Gadde Bissik East           RGDD0444         346998.58         1645248.463         34.385         32.1         -90"         29.9         30.11         0.21         Gadde Bissik East           RGDD0445         348500.64         1645251.08         36.681         36.2         -90"         30.73         36.67         5.94         Gadde Bissik East           RGDD0447         349748.5682         1645248.2189         33.5755         40.95         -90"         63dde Bissik East           RGDD0449         35000.0181         1644507.356         34.1775         33.5         -90"         63dde Bissik East           RGDD0451         35000.1181         1644796.6788         36.687         45.5         -90"         -90"         63dde Bissik East           RGDD0452         35	Hole ID	Easting	Northing	RL	Total depth	Dip	Phosphate horizon thickness based on visual observation (assay result pending)  From To Width			Prospects
RGDD0442         340501.95         1647446.98         34.337         44         -90"         38.67         42.5         3.83         Gadde Bissik East           RGDD0444         346250.373         1645750.973         36.824         29.8         -90"         27.33         27.7         0.37         Gadde Bissik East           RGDD0444         346998.58         1645249.463         34.385         32.1         -90"         29.9         30.11         0.21         Gadde Bissik East           RGDD0445         348500.64         1645255.094         36.681         36.2         -90"         30.73         36.67         5.94         Gadde Bissik East           RGDD0447         349748.5682         1645248.2189         33.5755         40.90         -90"         48.74         63dde Bissik East           RGDD0493         35003.06         1645773.56         34.175         33.5         -90"         90"         63dde Bissik East         63dde Bissik East           RGDD0451         35000.0118         164479.6788         36.688         46         -90"         90"         63dde Bissik East         63dde Bissik East           RGDD0452         351500.119         1644496.6943         35.529         37.2         49.0"         90"         63dde Bissik East	RGDD0441	340998.399	1647450.251	33.912	45.2	-90°				Gadde Bissik East
RGDD0443         346250.373         1645750.973         36.824         29.8         -90*         27.33         27.7         0.37         Gadde Bissik East           RGDD0444         346998.58         1645249.463         34.385         32.1         -90*         29.9         30.11         0.21         Gadde Bissik East           RGDD0445         348500.64         1645255.094         36.631         36.2         -90*         30.73         36.67         5.94         Gadde Bissik East           RGDD0446         347747.709         164571.08         36.681         36.2         -90*         36.73         36.67         5.90*         Gadde Bissik East           RGDD0448         349997.1969         1645248.2042         36.6175         44.5         -90*         48.75*         Gadde Bissik East           RGDD0494         35003.06         1644575.2923         38.281         47.5         -90*         48.75*         Gadde Bissik East           RGDD0451         350500.118         164479.6788         36.688         46         -90*         48.5         Gadde Bissik East           RGDD0452         351500.1796         1644749.6443         35.552         43.2         -90*         44.5         -90*         -90*         Gadde Bissik East										
RGDD0444         346998.58         1645249.63         34.385         32.1         -9°         29.9         30.11         0.21         Gadde Bissik East           RGD0445         348500.64         164525.094         36.73         38.5         -9°         30.73         36.67         5.94         Gadde Bissik East           RGD0446         347747.709         1645751.08         36.681         36.2         -9°         36.75         4.95         6.96         30.70         36.67         5.94         Gadde Bissik East           RGD0447         349748.5682         1645248.3042         36.6175         44.5         -9°         6.90 <td></td> <td></td> <td></td> <td></td> <td>29.8</td> <td></td> <td></td> <td></td> <td></td> <td></td>					29.8					
RGDD0445         34850.64         164525.094         36.73         38.5         30.73         36.67         5.94         Gadde Bisik Rast           RGD0446         347747.709         1645751.08         36.681         36.2         -9°         RGD047         349748.5682         1645248.2189         35.575         40.9         -9°         Gadde Bisik Rast           RGD0448         349997.1969         1645248.3042         36.6175         44.5         -9°         Gadde Bisik Rast           RGD0449         350003.06         1644507.359         38.2881         47.5         -9°         Gadde Bisik Rast           RGD0450         349748.1857         1644749.6788         36.688         46         -9°         Gadde Bisik Rast           RGD0451         350500.118         1644749.6788         36.688         46         -9°         Gadde Bisik Rast           RGD0452         351500.2796         1644754.3254         36.157         44.5         -9°         Gadde Bisik Rast           RGD0453         35150.1119         164498.6951         35.222         4.9°         -9°         Gadde Bisik Rast           RGD0454         35150.1524         1645749.6349         35.222         4.9°         -9°         -9°         Gadde Bisik Rast <t< td=""><td></td><td></td><td></td><td></td><td></td><td>-90°</td><td></td><td></td><td></td><td>Gadde Bissik East</td></t<>						-90°				Gadde Bissik East
RGDD0446         347747.709         1645751.08         36.81         36.2         -90°         RGDD047         349748.5682         1645248.2189         33.5755         40.95         -90°         Gadde Bissik East         Gadde Bissik East         RGDD0448         349997.1969         1645248.3042         36.6175         44.5         -90°         Gadde Bissik East	RGDD0445	348500.64	1645255.094	36.723	38.5	-90°	30.73		5.94	
RGDD0448         349997.1969         1645248.3042         36.6175         44.5         -90°         Poole of the poole of	RGDD0446	347747.709	1645751.08	36.681	36.2	-90°				Gadde Bissik East
RGDD0449         350003.06         1644507.356         34.1775         33.5         -90°           RGDD0450         349748.1857         1644752.2932         38.2881         47.5         -90°           RGDD0451         350500.118         1644749.6788         36.688         46         -90°           RGDD0452         351000.6717         1644502.5097         35.6372         36.9         -90°           RGDD0453         351500.2796         1644754.3254         36.157         44.5         -90°           RGDD0454         351500.1119         1644498.6951         36.529         37.2         -90°           RGDD0455         351996.7218         1644749.6443         35.232         43.2         -90°           RGDD0456         351451.524         1645249.354         35.227         44.9         -90°           RGDD0457         351250.1603         1645748.6809         36.8096         48.5         -90°           RGDD0458         350752.278         1645745.383         37.792         44         -90°           RGDD0459         350248.1581         1645750.53         34.9546         47.5         -90°           RGD0461         350987.807         1647513.49         38.078         46.55         -90°	RGDD0447	349748.5682	1645248.2189	33.5755	40.95	-90°				Gadde Bissik East
RGDD0450         349748.1857         1644752.2932         38.2881         47.5         -90°         Poor Poor Poor Poor Poor Poor Poor Poor	RGDD0448	349997.1969	1645248.3042	36.6175	44.5	-90°				Gadde Bissik East
RGDD0451         350500.118         1644749.6788         36.688         46         -90°         Poor Poor Poor Poor Poor Poor Poor Poor	RGDD0449	350003.06	1644507.356	34.1775	33.5	-90°				Gadde Bissik East
RGDD0452         351000.6717         1644502.5097         35.6372         36.9         -90°           RGDD0453         351500.2796         1644754.3254         36.157         44.5         -90°           RGDD0454         351500.1119         1644498.6951         36.529         37.2         -90°           RGDD0455         351996.7218         1644749.6443         35.5352         43.2         -90°           RGDD0456         351451.524         1645249.354         35.227         44.9         -90°           RGDD0457         351250.1603         1645748.6809         36.8096         48.5         -90°           RGDD0458         350752.278         1645745.383         37.792         44         -90°           RGDD0459         350248.1581         1645750.53         34.9546         47.5         -90°           RGDD0460         350498.353         1646752.428         36.56         43         -90°           RGDD0461         350978.807         1647513.49         38.078         46.5         -90°           RGDD0462         350751.78         16457996.018         37.312         46         -90°           RGDD0463         350021.352         1647996.018         37.312         46         -90°	RGDD0450	349748.1857	1644752.2932	38.2881	47.5	-90°				Gadde Bissik East
RGDD0453         351500.2796         1644754.3254         36.157         44.5         -90°         Poor Poor Poor Poor Poor Poor Poor Poor	RGDD0451	350500.118	1644749.6788	36.688	46	-90°				Gadde Bissik East
RGDD0454         351500.1119         1644498.6951         36.529         37.2         -90°         Gadde Bissik East           RGDD0455         351996.7218         1644749.6443         35.352         43.2         -90°         Gadde Bissik East           RGDD0456         351451.524         1645249.354         35.227         44.95         -90°         Gadde Bissik East           RGDD0457         351250.1603         1645748.6809         36.8096         48.5         -90°         Hole not yet logged by geologists         Gadde Bissik East           RGDD0458         350752.278         1645750.53         34.9546         47.5         -90°         Gadde Bissik East           RGDD0460         350498.353         1646752.428         36.56         43         -90°         Gadde Escale           RGDD0461         350987.807         1647513.49         38.078         46.55         -90°         Gadde Escale           RGDD0462         350751.78         1645249.826         37.312         46         -90°         Gadde Escale           RGDD0463         35099.299         1647000.929         35.713         42.9         -90°         Gadde Escale           RGDD0466         35443         1649002         40         47.7         -90°         Gadde Es	RGDD0452	351000.6717	1644502.5097	35.6372	36.9	-90°				Gadde Bissik East
RGDD0455         351996.7218         1644749.6443         35.5352         43.2         -90°           RGDD0456         351451.524         1645249.354         35.227         44.95         -90°           RGDD0457         351250.1603         1645748.6809         36.8096         48.5         -90°           RGDD0458         350752.278         1645745.383         37.792         44         -90°           RGDD0459         350248.1581         1645750.53         34.9546         47.5         -90°           RGDD0460         350498.353         1646752.428         36.56         43         -90°           RGDD0461         350987.807         1647513.49         38.078         46.55         -90°           RGDD0462         350751.78         1645249.826         37.225         46         -90°           RGDD0463         351021.352         1647996.018         37.312         46         -90°           RGDD0464         350998.299         1647000.929         35.713         42.9         -90°           RGDD0465         35443         1649002         40         47.7         -90°           RGDD0466         353495         1649002         42         41.7         -90°           RGDD0469 </td <td>RGDD0453</td> <td>351500.2796</td> <td>1644754.3254</td> <td>36.157</td> <td>44.5</td> <td>-90°</td> <td></td> <td></td> <td></td> <td>Gadde Bissik East</td>	RGDD0453	351500.2796	1644754.3254	36.157	44.5	-90°				Gadde Bissik East
RGDD0456         351451.524         1645249.354         35.227         44.95         -90°         A4.95         A4.95 <td>RGDD0454</td> <td>351500.1119</td> <td>1644498.6951</td> <td>36.529</td> <td>37.2</td> <td>-90°</td> <td>1</td> <td></td> <td></td> <td>Gadde Bissik East</td>	RGDD0454	351500.1119	1644498.6951	36.529	37.2	-90°	1			Gadde Bissik East
RGDD0457         351250.1603         1645748.6809         36.8096         48.5         -90°           RGDD0458         350752.278         1645745.383         37.792         44         -90°         Gadde Bissik East           RGDD0459         350248.1581         1645750.53         34.9546         47.5         -90°         Gadde Bissik East           RGDD0460         350498.353         1646752.428         36.56         43         -90°         Gadde Escale           RGDD0461         350987.807         1647513.49         38.078         46.55         -90°         Gadde Escale           RGDD0462         350751.78         1645249.826         37.225         46         -90°         Gadde Bissik East           RGDD0463         351021.352         1647996.018         37.312         46         -90°         Gadde Escale           RGDD0464         350998.299         1647000.929         35.713         42.9         -90°         Gadde Escale           RGDD0465         353443         1649002         40         47.7         -90°         Gadde Escale           RGDD0468         355905         1649002         42         41.7         -90°         Gadde Escale           RGD00469         354998         1646500	RGDD0455	351996.7218	1644749.6443	35.5352	43.2	-90°				Gadde Bissik East
RGDD0458         350752.278         1645745.383         37.792         44         -90°         Hole not yet logged by geologists         Gadde Bissik East           RGDD0459         350248.1581         1645750.53         34.9546         47.5         -90°         Gadde Bissik East           RGDD0460         350498.353         1646752.428         36.56         43         -90°         Gadde Escale           RGDD0461         350987.807         1647513.49         38.078         46.55         -90°         Gadde Escale           RGDD0462         350751.78         1645249.826         37.225         46         -90°         Gadde Escale           RGDD0463         351021.352         1647996.018         37.312         46         -90°         Gadde Escale           RGDD0465         350998.299         1647000.929         35.713         42.9         -90°         Gadde Escale           RGDD0465         354443         1649002         40         47.7         -90°         Gadde Escale           RGDD0468         355505         1649002         42         41.7         -90°         Gadde Escale           RGDD0469         354998         1646500         44         44.4         -90°         Gadde Escale	RGDD0456	351451.524	1645249.354	35.227	44.95	-90°				Gadde Bissik East
RGDD0458         350752.278         1645745.383         37.792         44         -90°         geologists         Gadde Bissik East           RGDD0459         350248.1581         1645750.53         34.9546         47.5         -90°         Gadde Bissik East           RGDD0460         350498.353         1646752.428         36.56         43         -90°         Gadde Escale           RGDD0461         350987.807         1647513.49         38.078         46.55         -90°         Gadde Escale           RGDD0462         350751.78         1645249.826         37.225         46         -90°         Gadde Escale           RGDD0463         351021.352         1647996.018         37.312         46         -90°         Gadde Escale           RGDD0464         350998.299         1647000.929         35.713         42.9         -90°         Gadde Escale           RGDD0465         350996         1646504         40         43         -90°         Gadde Escale           RGDD0467         353495         1649002         40         47.7         -90°         Gadde Escale           RGDD0469         354998         1646500         44         44.4         -90°         Gadde Escale           RGDD0469         354998	RGDD0457	351250.1603	1645748.6809	36.8096	48.5	-90°			I I I	Gadde Bissik East
RGDD0459       350248.1581       1645750.53       34.9546       47.5       -90°       Gadde Bissik East         RGDD0460       350498.353       1646752.428       36.56       43       -90°       Gadde Escale         RGDD0461       350987.807       1647513.49       38.078       46.55       -90°       Gadde Escale         RGDD0462       350751.78       1645249.826       37.225       46       -90°       Gadde Bissik East         RGDD0463       351021.352       1647996.018       37.312       46       -90°       Gadde Escale         RGDD0464       350998.299       1647000.929       35.713       42.9       -90°       Gadde Escale         RGDD0465       350996       1646504       40       43       -90°       Gadde Escale         RGDD0466       354443       1649002       40       47.7       -90°       Gadde Escale         RGDD0468       355955       1649002       42       41.7       -90°       Gadde Escale         RGDD0469       354998       1646500       44       44.4       -90°       Gadde Escale	RGDD0458	350752.278	1645745.383	37.792	44	-90°	Hole i	-		Gadde Bissik East
RGDD0461       350987.807       1647513.49       38.078       46.55       -90°         RGDD0462       350751.78       1645249.826       37.225       46       -90°         RGDD0463       351021.352       1647996.018       37.312       46       -90°         RGDD0464       350998.299       1647000.929       35.713       42.9       -90°         RGDD0465       350996       1646504       40       43       -90°         RGDD0466       354443       1649002       40       47.7       -90°         RGDD0467       353495       1649004       41       42.2       -90°         RGDD0468       355505       1649002       42       41.7       -90°         RGDD0469       354998       1646500       44       44.4       -90°	RGDD0459	350248.1581	1645750.53	34.9546	47.5	-90°		800.00	,	Gadde Bissik East
RGDD0462       350751.78       1645249.826       37.225       46       -90°       Gadde Bissik East         RGDD0463       351021.352       1647996.018       37.312       46       -90°       Gadde Escale         RGDD0464       350998.299       1647000.929       35.713       42.9       -90°       Gadde Escale         RGDD0465       350996       1646504       40       43       -90°       Gadde Escale         RGDD0466       354443       1649002       40       47.7       -90°       Gadde Escale         RGDD0467       353495       1649002       42       41.7       -90°       Gadde Escale         RGDD0469       354998       1646500       44       44.4       -90°       Gadde Escale	RGDD0460	350498.353	1646752.428	36.56	43	-90°				Gadde Escale
RGDD0463       351021.352       1647996.018       37.312       46       -90°         RGDD0464       350998.299       1647000.929       35.713       42.9       -90°         RGDD0465       350996       1646504       40       43       -90°         RGDD0466       354443       1649002       40       47.7       -90°         RGDD0467       353495       1649004       41       42.2       -90°         RGDD0468       355505       1649002       42       41.7       -90°         RGDD0469       354998       1646500       44       44.4       -90°	RGDD0461	350987.807	1647513.49	38.078	46.55	-90°				Gadde Escale
RGDD0464       350998.299       1647000.929       35.713       42.9       -90°         RGDD0465       350996       1646504       40       43       -90°         RGDD0466       354443       1649002       40       47.7       -90°         RGDD0467       353495       1649004       41       42.2       -90°         RGDD0468       355505       1649002       42       41.7       -90°         RGDD0469       354998       1646500       44       44.4       -90°	RGDD0462	350751.78	1645249.826	37.225	46	-90°				Gadde Bissik East
RGDD0465       350996       1646504       40       43       -90°       Gadde Escale         RGDD0466       354443       1649002       40       47.7       -90°       Gadde Escale         RGDD0467       353495       1649004       41       42.2       -90°       Gadde Escale         RGDD0468       355505       1649002       42       41.7       -90°       Gadde Escale         RGDD0469       354998       1646500       44       44.4       -90°       Gadde Escale	RGDD0463	351021.352	1647996.018	37.312	46	-90°				Gadde Escale
RGDD0466       354443       1649002       40       47.7       -90°         RGDD0467       353495       1649004       41       42.2       -90°         RGDD0468       355505       1649002       42       41.7       -90°         RGDD0469       354998       1646500       44       44.4       -90°     Gadde Escale  Gadde Escale	RGDD0464	350998.299	1647000.929	35.713	42.9	-90°				Gadde Escale
RGDD0467       353495       1649004       41       42.2       -90°         RGDD0468       355505       1649002       42       41.7       -90°         RGDD0469       354998       1646500       44       44.4       -90°    Gadde Escale  Gadde Escale	RGDD0465	350996	1646504	40	43	-90°				Gadde Escale
RGDD0468     355505     1649002     42     41.7     -90°       RGDD0469     354998     1646500     44     44.4     -90°   Gadde Escale  Gadde Escale	RGDD0466	354443	1649002	40	47.7	-90°				Gadde Escale
RGDD0469 354998 1646500 44 44.4 -90° Gadde Escale	RGDD0467	353495	1649004	41	42.2	-90°				Gadde Escale
	RGDD0468	355505	1649002	42	41.7	-90°				Gadde Escale
RGDD0470 355499 1646499 44 39 -90° Gadde Escale	RGDD0469	354998	1646500	44	44.4	-90°				Gadde Escale
RGDD - diamond-cored drilling				44	39	-90°				Gadde Escale