

16 August 2021

The Manager Company Announcements Office ASX Limited Level 4 Exchange Centre 20 Bridges Street Sydney NSW 2000

Dear Sir

### 2021 BEKISOPA DRILLING PROGRAMME UPDATE

Pursuant to the requirements of Listing Rules, please find attached an announcement authorised by the AKORA board of directors.

Yours faithfully

JM Madden

**Company Secretary** 

## For further information please contact:

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# 2021 Drilling Campaign continues to demonstrate the potential of Bekisopa as a major future iron ore project

# 13 drill holes completed for 734 Metres in previous month

- All holes intercepted iron mineralisation from surface with several also at depth
- High-grade massive, weathered iron mineralisation at surface in all holes
- 44 metres maximum iron mineralisation intercept
- +300 metre total lengths along southern drill grid parallel to the magnetic anomaly
- Ideal iron mineralisation cross sections for an initial zero stripping ratio mining operation
- Excellent total drill core recovery at 96%
- Iron Mineralisation continues in the Northern and Southern Zones on the main 10430 tenement, next drilling will focus on the Central zone iron mineralisation
- Drilling continues to confirm the extent of iron mineralisation and potential for a significant resource at Bekisopa
- Completed 23 shallow diamond drill holes (<100m) in the first two months of the 2021 drilling campaign, with encouraging intercepts and all drilling, logging and preparation continuing according to plan
- First batch of assay pulps and crushed samples were dispatched and arrived in Perth – on 13 August 2021
- Drill core from the second batch of 6 drill holes prepared and ready for dispatch from Antananarivo with the third batch in the Antananarivo preparation laboratory, all on track

Over the next months there is additional shallow and then deeper diamond drilling to complete, another 20 or so drill holes, in total for over 4000 metres, as AKORA moves to defining a JORC compliant resource at its flagship Bekisopa project.

AKORA Resources (ASX: AKO, AKORA, the Company) is pleased to update shareholders on progress with the 2021 Bekisopa drilling campaign. Drilling has advanced safely with very encouraging iron mineralisation intercepts observed confirming mineralisation along the 6km strike.

First month's drilling was completed on July 13<sup>th</sup>, 2021, with 10 holes for 660 metres (see ASX Announcement 20 July 2021).

Second month's drilling was completed on August 9<sup>th</sup>, 2021, with 13 holes for 734 metres.

All 13 drill holes completed during this second month of shallow drilling intercepted iron mineralisation at surface with several also intercepting mineralisation at depth. The complete drill hole details and intercepts are included in Table 1 of Appendix 1. The iron mineralisation observed in the drill core from this second sequence of holes contains what appears to be high-grade, weathered, massive mineralisation in the near surface intercepts and extensive lengths of massive and coarse disseminated mineralisation at depth, see Figure 1 and Appendix 1. The mineralisation appears from the on-site logging and magnetic susceptibility readings to contain high iron contents.



Figure 1

Weathered Massive, high-grade, iron mineralisation at surface, 0 to 3.86m, in BEKD24 and high-grade massive mineralisation at depth of 35 to 38.87m in BEKD35.

Based on the on-site logging and magnetic susceptibility readings, expectation is for similar iron contents to those recorded in the 2020 drilling programme.

Figure 2 shows the location of the first 23 shallow drill holes of the 2021 drilling campaign with their iron intercepts noted, the second month's drill results are noted in blue text.

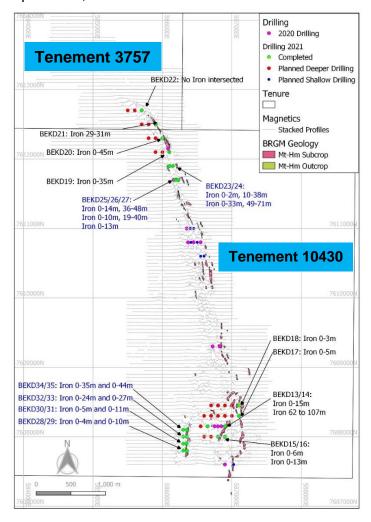


Figure 2

2021 Bekisopa drilling campaign drilling location plan, showing the first 10 drill holes, BEKD13 to 22, and the second months drill holes, BEKD23 to 35, locations and their iron mineralisation intercepts.

This second month of drilling comprised 5 holes in the northern zone. The 5 northern holes all intercepted iron mineralisation from near surface and 4 intercepted two layers of iron mineralisation at depth, each with downhole thicknesses of between 12 and 33m, refer Figure 3.

The 8 holes in the south are slightly off to the west from the successful 2020 BEKD09, 10 and 11 drill holes. The 8 drill holes in the south have highlighted a continuous zone of iron mineralisation from surface to depths of up to 44 metres downhole, refer Figure 4 and 5.

The second month's drilling continues to be very encouraging. Confirming continuous iron mineralisation from surface and across drill grids which is all favorable for the development of a significant resource tonnage at Bekisopa.

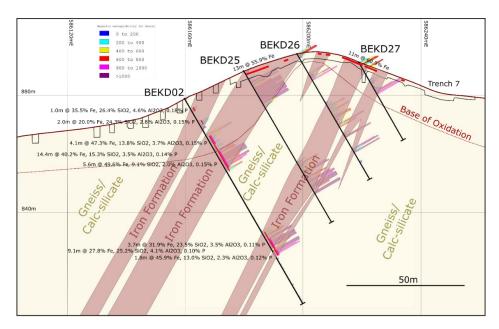
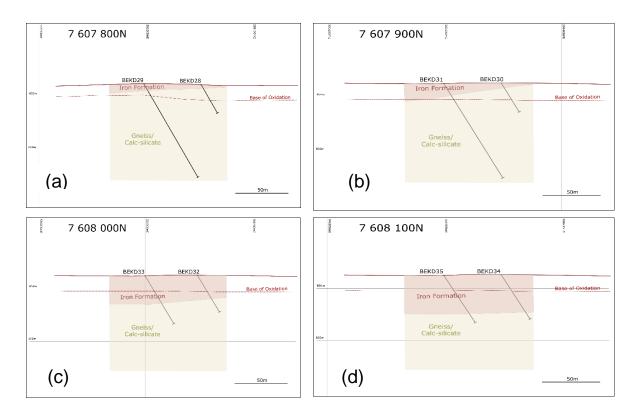


Figure 3

Cross section of Bekisopa 2021 drill holes BEKD25 to 27 alongside the 2020 BEKD02 drill hole results.

All three 2021 drill holes intercepted weathered iron mineralisation at surface and confirm the presence of additional iron mineralisation at depth and dipping to the west.

Total combined true mineralisation width of some 40-50 metres.



Figures 4 (a to d)

Bekisopa 2021 drill holes BEKD28 to 35, 8 closely spaced drill holes, in an area of high magnetic intensity have all intercepted iron mineralisation from surface.

These cross sections show continuity in both the east-west direction at a 50m spacing, Figure 4 (a to d), and north- south direction, Figure 5, with an average mineralisation depth of 20m, ranging from 4m in the southern extent, hole BEKD28, through to 44m in the north, hole BEKD35.

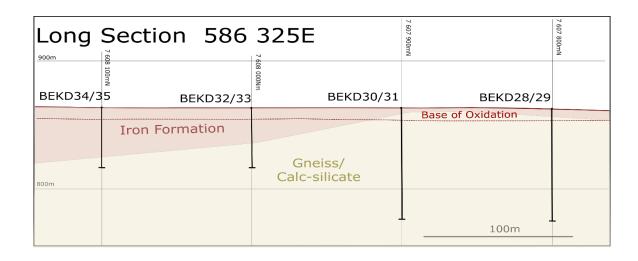


Figure 5

Bekisopa 2021 drill holes BEKD28 to 35, 8 closely spaced drill holes, in an area of high magnetic intensity have all intercepted iron mineralisation from surface.

The long section shows continuity in the north- south direction, drilling spaced at 100m, and shows a true-length of plus 300m, parallel to the magnetic anomaly orientation of north-south, with an average mineralisation depth of 20m, ranging from 4m in the south (right side of the figure) through to 44m in the north (left side of the figure).

Ideal iron mineralisation for a zero-stripping ratio mining operation.



Figure 6

Drill rig completing Bekisopa drill hole BEKD25 in the north, showing iron rich surface soils and this drill hole intercepted weathered massive iron mineralisation at surface and a second layer of mineralisation at depth.

The next and last phase of shallow drilling is in the central zone and aims to add additional iron mineralisation information and volume to the holes completed there in 2020 (see the ASX Announcement on 13 April, 2021). On completion of these central zone shallow drill holes, drilling of the deeper holes in the northern and southern zones will commence.

The attached Appendix contains drill core details and photos from the second 13 drill holes BEKD 23 to 35. These show drill core with massive weathered and massive and coarse disseminated iron mineralisation. Our initial interpretation combined with the on-site logging is that these drill cores should generate comparable iron assays and product grade process trial results to those achieved from 2020 drilling campaign.

#### Conclusion

The 2021 Bekisopa drilling campaign for +4000 metres continues safely and successfully with weathered massive iron mineralisation intercepts from surface for these initial shallow drill holes, plus some deeper un-weathered iron mineralisation confirming depth potential. The drill core shows what appears to be high-grade, weathered, massive iron mineralisation near surface, with extensive high-grade massive and coarse disseminated iron at depth, so far, down to 107.3 metres downhole.

## **Bekisopa Drilling – August and September**

Drilling will continue in the central zone over the rest of August, completing the remaining 6 shallow holes in this campaign. Then the drilling team will take a short break while the geologists complete the logging and preparation of these last shallow drill hole cores. Two drilling crews will return to the Bekisopa site, after a deserved break, and with the new larger drill rig complete around 20 deeper 150 to 250m holes to confirm iron mineralisation continuity at depth giving further volume for the development of the Bekisopa JORC resource. The drilling campaign will move onto a 24 hour a day roster with the arrival of the larger drill rig to ensure completion of the 4000+ metre drilling in October.

### **Drilling Progress Reporting and Communication**

Drill core from the first batch of samples, drill holes 13 to 18 (see ASX Announcement 20 July 2021), have been dispatched and arrived in Perth on 13 August 2021 for chemical assay and processing trials.

The second batch of drill core samples, drill holes 19 to 24, have been prepared and ready for dispatch to ALS Perth around 21 August 2021<sup>t</sup>. The third batch, drill holes 25 to 30, are in the Antananarivo preparation lab and expected to be dispatch in the week of 28 August 2021.

The cycle of drilling, logging, preparation then dispatch to ALS Perth is well underway and all continues on schedule, leading to a proposed JORC Resource estimation by years end. The drilling and assay results will be continually reported on over the coming months leading up to reporting of the maiden Bekisopa JORC compliant resource by the end of the year assuming the drilling equipment, sample preparation, international logistics and resource estimation continues to plan.

## For further information please contact:

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#### **About AKORA Resources**

AKORA Resources (ASX: AKO) is an exploration company engaged in the exploration and development of the Bekisopa Project, the Tratramarina Project and the Ambodilafa Project, iron ore projects in Madagascar, in all totalling some 308 km2 of tenements across these three prospective exploration areas. Bekisopa Iron Ore Project is a high-grade magnetite iron ore project of >4km strike and is the key focus of current exploration drilling and resource modelling.

#### **Competent Person's Statement**

The information in this report that relates to Exploration Targets, Exploration Results, and related scientific and technical information, is based on, and fairly represents information compiled by Mr Antony Truelove. Mr Truelove is a consulting geologist to Akora Resources Limited (AKO). He is a shareholder in Akora Resources Limited, holding 4,545 Shares he purchased in 2011, some 8 years prior to being engaged as a consultant. Mr Truelove is a Member of the Australasian Institute of Mining and Metallurgy (MAusIMM) and a Member of the Australian Institute of Geoscientists (MAIG). Mr Truelove has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the JORC Code. Mr Truelove consents to the inclusion in this report of the matters based on his information in the form and context in which it appears including sampling, analytical and test data underlying the results.

#### **Competent Person's Statement**

The information in this report that relates to Mineral Processing and related scientific and technical information, is based on, and fairly represents information compiled by Mr Paul Bibby. Mr Bibby is a Metallurgist and Managing Directors of Akora Resources Limited (AKO), as such he is a shareholder in Akora Resources Limited. Mr Bibby is a Fellow of the Australasian Institute of Mining and Metallurgy (FAusIMM). Mr Bibby has sufficient experience which is relevant to the styles of mineralisation and its processing under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the JORC Code. Mr Bibby consents to the inclusion in this report of the matters based on his information in the form and context in which it appears including analytical, test data and mineral processing results.

#### Appendix 1

Bekisopa 2021 drilling campaign details for drill holes BEKD 23 to 35 are shown in Table 1, with drill core iron mineralisation photos from BEKD23 to 30 following in this Appendix.

Hole ID, BEKD	Utm38sX*	Utm38sY	Azm Degrees	Incline Degrees	Length m	TCR %	From m	To m	Length m	Mineralisation
							0.00	2.23	2.23	Iron
23	586.151	7.611.901	90	-60	53.35	100	2.23	10.00	7.77	Gneiss
23	300,131	7,011,901	90	-60	53.35	100	10.00	37.92	27.92	Iron
							37.92	53.35	15.43	Gneiss
							0.00	32.72	32.72	Iron
24	586,098	7,611,900	90	-60	80.37	98	32.72	49.22	16.50	Gneiss
24	300,090	7,611,900	90	-60	60.37	90	49.22	70.91	21.69	Iron
							70.91	80.37	9.46	Gneiss
							0.00	13.81	13.81	Iron
25	E0C 400	7 644 700	90	-60	50.00	00	13.81	35.67	21.86	Gneiss
25	586,180	7,611,700	90	-60	59.32	98	35.67	48.15	12.48	Iron
							48.15	59.32	11.17	Gneiss
							0.00	10.45	10.45	Iron
00	586,198	7 044 704	00	00	49.26	97	10.45	18.97	8.52	Gneiss
26		7,611,701	90	-60			18.97	39.96	20.99	Iron
							39.96	49.26	9.30	Gneiss
07	500.040	7.044.704	90	00	20.00	94	0.00	13.26	13.26	Iron
27	586,219	7,611,701	90	-60	30.32	94	13.26	30.32	17.06	Gneiss Iron Gneiss
-00	586,352	7,607,799	90	-60	30.27	89	0.00	4.13	4.13	Iron
28							4.13	30.26	26.13	Gneiss
29	586,299	7,607,800	90	-60	100.32	98	0.00	9.72	9.72	Iron
			90				9.72	100.31	90.59	Gneiss
20	586,349	7,607,901	90	-60	30.22	96	0.00	5.00	5.00	Iron
30							5.00	30.22	25.22	Gneiss
0.4	500.000	7.007.000	00	00	400.00	00	0.00	13.12	13.12	Iron
31	586,300	7,607,900	90	-60	100.28	96	13.12	100.28	87.16	Gneiss
32			90	-60	41.22	97.5	0.00	24.34	24.34	Iron
	586,351	7,607,999					24.34	30.55	6.21	Gneiss
	,	, ,					30.55	31.30	0.75	Iron
							31.30	41.22	9.92	Gneiss
33	586,299	7,608,000	90	-60	54.38	99	0.00	31.66	31.66	Iron
							31.66	54.66	23.0	Gneiss
34	586,350	7,608,100	90	-60	50.24	98	0.00	34.80	34.80	Iron
							34.80	50.24	15.44	Gneiss
35	586,299	7,608,101	90	-60	54.26	96.3	0.00	44.15	44.15	Iron
							44.15	54.26	10.11	Gneiss

Table 1

Drill hole locations and initial results for the second months 13 holes in the Bekisopa 2021 Drilling Campaign.

Iron mineralisation intercepts range in thickness from 2.2 to 44.2m.

The following series of drill core photos for BEKD 23 to 35 continue to show the occurrence of weathered massive iron mineralisation at surface, which is excellent from a mining perspective. It appears from on-site logging and magnetic susceptibility readings that we should expect high-grade iron contents and product grade results from these drill cores.

BEKD23 to 27 are shallow drill holes in the northern zone designed to identify the eastern extent of the iron mineralisation. All holes intercepted surface iron mineralisation and confirmed at least two layers of iron mineralisation are present at depth.

BEKD28 to 35 are shallow drill holes in the southern zone and slightly west of the 2020 exploratory drilling. All these holes intercepted surface iron mineralisation and confirm an area of continuous iron mineralisation that appears from on-site logging and magnetic susceptibility measurements to have high-grade iron content and extend to depths of at least 44m downhole.

BEKD23 - 0 to 2.2m Weathered Massive Iron Mineralisation



BEKD23 - 33.5 to 37.35m Coarse and Fine Disseminated Iron Mineralisation



BEKD24 - 0 to 3.86m Weathered Massive Iron Mineralisation



BEKD24 - 53.6 to 57.37m Coarse and Fine Disseminated Iron mineralisation



BEKD25 - 8 to 11.96m Massive Iron Mineralisation



BEKD25 - 41.94 to 45.66m Coarse Disseminated Iron Mineralisation



BEKD26 - 0 to 2.45m Weathered Massive Iron Mineralisation



BEKD26 - 35 to 38.8m Fine and Coarse Disseminated Iron Mineralisation



BEKD27 - 0 to 2m Weathered Massive Iron Mineralisation



BEKD28 - 0 to 3.2m Weathered Massive Iron Mineralisation



BEKD29 - 0 to 4m Weathered Massive Iron Mineralsiation



BEKD30 - 0 to 3.9m Weathered Massive Iron Mineralisation



BEKD31 - 0 to 5.37m Weathered Massive Iron Mineralisation



BEKD32 - 0 to 4.18m Weathered Massive Iron Mineralisation



BEKD33 - 0 to 3.85m Weathered Massive Iron Mineralisation



BEKD34 - 0 to 3m Weathered Massive Iron Mineralisation



Following is a series of **BEKD35 drill core** photos showing the continuity and change in iron mineralisation from the at surface weathered massive iron mineralisation into massive iron mineralisation at depth changing to coarse then fine iron mineralisation outside of the defined iron mineralisation zone at 44.15m.

BEKD35 - 0 to 2m Weathered Massive Iron Mineralisation



BEKD35 - 24.7 to 27.45m Massive Iron Mineralisation



BEKD35 - 27.45 to 31.3m Massive Iron Mineralisation



BEKD35 - 31.3m to 35m Massive Iron Mineralisation



BEKD35 - 35 to 38.87m Massive Iron Mineralisation



BEKD35 - 38.87m to 42.3m Massive transition to Coarse Disseminated Iron Mineralisation



BEKD35 - 42.31 to 44.15m Coarse and Fine Disseminated Iron Mineralisation



Iron mineralisation zone finishes at 44.15m depth, then Gneiss showing less iron



# JORC Code

# Table 1 Section 1 Sampling Techniques and Data BEKISOPA PROJECT

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <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>	Diamond core (HQ or NTW) is split in half using a core saw or splitter (if clayey or rubbly). A consistent half of the core is broken with a hammer and bagged prior to dispatch to the preparation laboratory in Antananarivo. Sample interval is nominally 1m down hole but with samples terminated at lithological boundaries.
Drilling techniques	<ul> <li>Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air 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).</li> </ul>	<ul> <li>All drilling is diamond core drilling using either NTW (64.2mm inner diameter) or HQ (77.8mm inner diameter) coring equipment. The holes are generally collared using HQ and changed to NTW between 3m and 25m downhole. Core is not orientated. All drillholes are surveyed every 10m using a Reflex EZ-Gyro gyroscopic multi-shot camera. No surveys to date have varied more than 5° from the collar survey in either azimuth or declination.</li> </ul>

Criteria	JORC Code explanation	Commentary
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries 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> </ul>	<ul> <li>Average core recovery is 97% but may be lower in the rubbly part of the weathered zone. Several one metre intervals returned low recoveries due to rubbly material. All other intervals gave good recovery, with close to 100% in fresh rock.</li> </ul>
Logging	<ul> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>	<ul> <li>A set of standard operating procedures for drilling and sampling were prepared by the company and Vato Consulting, who supervised the programme, and these were always adhered to.</li> <li>During drilling, checks and verifications of the accurate measurement of penetration depth of drill hole cores were made and observations and recording of the colour of the water / mud rising from the drill hole were made.</li> <li>All drill core was logged quantitatively using industry standard practice on site in enough detail to allow mineral resource estimates as required.</li> <li>Logging included: core recovery %, primary lithology, secondary lithology, weathering, colour, grain size, texture, mineralisation type (generally magnetite or hematite), mineralisation style, mineralisation %, structure, magnetic susceptibility (see below), pXRF readings (see below), notes (longhand).</li> <li>All core was photographed both wet and dry and as both whole and half core.</li> <li>All core was geotechnically logged and RQD's calculated for every sample interval.</li> <li>All drill-holes were logged using a magnetic susceptibility meter to enable accurate distinction of iron (magnetite) rich units and to potentially differentiate between magnetite and hematite rich mineralisation.</li> <li>Density measurements were made using both the Archimedes method (mainly fresh rock) and the Caliper Vernier (mainly regolith) methods.</li> </ul>
Sub- sampling techniques	<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> </ul>	<ul> <li>A set of standard operating procedures for drilling and sampling were prepared by the company and Vato Consulting, who supervised the programme, and these were always adhered to.</li> <li>All core was fitted together so that a consistent half core could be collected,</li> </ul>

Criteria	JORC Code explanation	Commentary
and sample preparation	<ul> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all subsampling stages to maximise representivity of samples.</li> <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>	marked up with a "top" line (line perpendicular to dip and strike, or main foliation), sample intervals decided and marked up and the core subsequently split in half using a core saw, separating samples into the marked-up intervals. If the core was clayey or rubbly, it was split in half using a hammer and chisel. The intervals were nominally 1m, but smaller intervals were marked if a change in geology occurred within the 1m interval.  • The half core sample intervals were put into polythene bags along with a paper sample tag. This was then sealed using a cable tie and placed into a second polythene bag with a second paper tag and this was sealed using staples.  • The samples were subsequently transferred at regular intervals to the sample preparation facility in Antananarivo (OMNIS) where they will undergo the following preparation:  • Sorting and weighing of samples  • Drying at 110-120°C until totally dry  • Weighing after drying  • Jaw crushing to 2mm  • Riffle split and keep half as a reference sample  • Collect a 100g sub-sample of 80% passing 2mm material and store this  • Pulverise to minus 75 micrometres  • Clean ring mill using air and silica chips  • Riffle split and sub-sample 2 sets of 100g pulps  • Store reject pulp  • Conduct a pXRF reading on the minus 75 micrometre pulp  • Weigh each of the sub-samples (minus 2mm, 2 x minus 75 micrometres) and store in separate boxes for ready recovery as needed
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <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</li> </ul>	No assaying has been undertaken as yet on the drillholes being reported.

Criteria	JORC Code explanation	Commentary
	<ul> <li>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>	
Verification of sampling and assaying	<ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>	<ul> <li>As assaying has not yet been undertaken, only qualitative descriptions and magnetic susceptibility readings are reported.</li> </ul>
Location of data points	<ul> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>All drill hole collars have been provisionally located using a hand-held GPS (+/-5m accuracy). Final collars will be picked up at completion of the drilling program.</li> <li>The grid system used is UTM, WGS84, Zone 38 Southern Hemisphere</li> <li>Topographic control is country wide data only. An accurate topographic survey will be undertaken prior to any resource estimation.</li> </ul>
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <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> <li>Whether sample compositing has been applied.</li> </ul>	<ul> <li>Data spacing is planned to be at 200m x 50m drill spacing which is considered reasonable for the style of mineralisation being intersected. In areas with significant surficial mineralisation, drill-hole density has been closed up to 100m x 50m.</li> <li>All samples will be assayed as individual, less than 1m long intervals. Composites of selected intervals will be tested using wet and dry, low intensity magnetic separation (LIMS).</li> </ul>
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>	• The ironstone unit has a strong north-south trend and drilling is oriented to the east. The outcrops, trenches and magnetics all show a steep to shallow westerly dip and hence the drill direction is considered to be optimal. The drilling in the south was interpreted as being synclinal in nature with tonnage potential limited to the keel of the syncline. However, it has been found that the structure is an orocline and that mineralisation continues at depth in this area. Mineralisation in the SW zone appears to be sheet-like at present but additional drilling is required to confirm the true morphology in this location.

Criteria	JORC Code explanation	Commentary
		No sample bias is evident.
Sample security	The measures taken to ensure sample security.	<ul> <li>Chain of Custody procedures are implemented to document the possession of the samples from collection through to storage, customs, export, analysis, and reporting of results. Chain of custody forms are a permanent records of sample handling and off-site dispatch.</li> <li>The on-site Geologist is responsible for the care and security of the samples from the sample collection to the export stage. Samples prepared during the day are stored in the preparation facility in labelled sealed plastic bags.</li> <li>The Chain of Custody form contains the following information: <ul> <li>Sample identification numbers;</li> <li>Type of sample;</li> <li>Date of sampling;</li> <li>List of analyses required;</li> <li>Customs approval;</li> <li>Waybill number;</li> <li>Name and signature of sampling personnel;</li> <li>Transfer of custody acknowledgement.</li> </ul> </li> <li>Samples are delivered to the analytical laboratory by courier. A copy of the Chain of Custody form is signed and dated and placed in a sealable plastic bag taped on top of the lid of the sample box. Each sample batch is accompanied by a Chain of Custody form.</li> <li>One box of samples was incorrectly sent to ALS Ireland and one to ALS Perth rather than the other way around. The laboratory subsequently sent the one box from Ireland to Perth and the box incorrectly sent to Perth was assayed in Perth. No tampering of either of these boxes was observed.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audit has been conducted.

#### **JORC Code**

#### **Table 1 Section 2 Reporting of Exploration Results**

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

#### Criteria **JORC Code explanation** Commentary Mineral • Type, reference name/number, location The Company completed the acquisition of the minority interest in Iron Ore Corporation of tenement and ownership including agreements or Madagascar sarl held by Cline Mining Corporation on 5 August 2020. and land material issues with third parties such as The Company holds through Iron Ore Corporation of Madagascar sarl, Universal Exploration tenure joint ventures, partnerships, overriding Madagascar sarl and a Farm-in Agreement 12 exploration permits in three geographically status royalties, native title interests, historical distinct areas. All administration fees due and payable to the Bureau du Cadastre Minier de sites, wilderness or national park and Madagascar (BCMM) have been and accordingly, all tenements are in good standing with the environmental settings. government. The security of the tenure held at the time The tenements are set out in Table 3.1 below of reporting along with any known impediments to obtaining a licence to Num Per ber Submi Last Payment of operate in the area. Tenement Permi mit Grantin Expiry Project ID Actual Status Administration of ssion Holders Date t ID Тур g Date Block Date Fees 23/09/20 22/09/2 04/09/2 UEM 16635 PR 2020 144 05 015 015 under renewal process 23/09/20 23/09/2 04/09/2 UEM 16637 PR 48 05 015 015 2020 under renewal process 10/11/20 09/11/2 04/09/2 Tratramarina UEM PR 05 2020 17245 160 015 015 under renewal process RAKOTOA 11/01/20 11/01/2 27/03/2 under transformation to RISOA 18379 PRE 16 06 014 012 PR 2020 27/03/2 **RAKOTOA** 18/11/20 17/11/2 under transformation to RISOA PRE 48 05 18891 013 012 2020 20/05/20 08/03/2 19/05/2

MRM

MRM

MRM

**IOCM** 

Ambodilafa

Bekisopa

6595

13011

21910

10430

26532

PR

PR

PR

PR

PR

98

33

3

768

03

04

05

04

07

15/10/20

23/09/20

04/03/20

16/10/20

013

014

015

014

019

14/10/2

22/09/2

03/03/2

03/02/2

013

014

015

013

07/08/2

12/07/2

28/11/2

2020

2020

2020

2020

2020

under renewal process

under renewal process under substance

extension and renewal

under renewal process

process

relinquished

Criteria	JORC Code explanation	Commentary
		35828 PR 80 07 019 relinquished 2018 16/10/20 23/01/2 20/01/2
		27211 PR 128 07 017 under renewal process 2018 23/01/20 23/01/2 20/01/2 35827 PR 32 07 017 017 under renewal process 2018
		RAZAFIND RAVOLA 3757 PRE 16 01 019 Gerant to AKO 2019
Exploration done by other parties	<ul> <li>Acknowledgment and appraisal of explorations by other parties.</li> </ul>	<ul> <li>Exploration has been conducted by UNDP (1976 - 78) and BRGM (1958 - 62). Final reports on both episodes of work are available and have been utilised in the recent IGR included in the Akora prospectus. Airborne magnetics was flown for the government by Fugro and has since been obtained, modelled and interpreted by Cline Mining and Akora.</li> </ul>
Geology	Deposit type, geological setting and style mineralisation.	<ul> <li>The tenure was acquired by AKO during 2014 and work since then has consisted of:         <ul> <li>Data compilation and interpretation;</li> <li>Confirmatory rock chip sampling (118 samples) and mapping;</li> <li>Re-interpretation of airborne geophysical data;</li> <li>Ground magnetic surveying (305 line kilometres);</li> <li>The 2020 drilling programme of 1095.5m diamond core drilling in 12 drill-holes.</li> <li>The current programme that to date includes 579.6m in 9 drillholes (BEKD13 to 21)</li> </ul> </li> <li>The recent drilling has shown that the surface mineralisation continues at depth, with at most a 25% increase in grade due to weathering effects. However, it should be noted that some downslope creep of scree from these units may exaggerate apparent width at surface.</li> <li>The mineralisation occurs as a series of magnetite bearing gneisses and calc-silicates that occu as zones between 50m and 150m combined true width.</li> <li>The mineralisation occurs as layers of massive magnetite (sometimes altered to hematite) between 1m and 7m true width plus a lower grade zone that consists of lenses, stringers, boudins and blebs of magnetite aggregates that vary from 1cm to 10's of cm wide within a calc-silicate/gneiss unit (informally termed "coarse disseminated" here). These units sometimes have an outer halo of finer disseminated magnetite (informally termed "disseminated" here).</li> <li>This wide mineralisation halo provides a large tonnage potential over the 6-7km strike of mapper mineralisation and associated magnetic anomaly within the Akora tenement.</li> <li>The bands and blebs of massive magnetite aggregates along with preliminary LIMS testwork suggest that a good iron product may be obtained using a simple crush to -2mm followed by magnetic separation.</li> </ul>
Drill hole Information	<ul> <li>A summary of all information material to the understanding of the exploration results</li> </ul>	<ul> <li>All drill information being reported as part of the current press release is presented in the table below:</li> </ul>

#### Criteria **JORC Code explanation** Commentary including a tabulation of the following information for all Material drill holes: Utm38sY Length TCR Hole Azm Incline From Length Easting and northing of the drill hole Utm38sX\* То m Mineralisation ID, Degrees % **Degrees BEKD** collar; 0.00 2.23 2.23 Iron o Elevation or RL (Reduced Level -2.23 10.00 7.77 Gneiss 23 586,151 7,611,901 90 -60 53.35 100 elevation above sea level in metres) of 10.00 37.92 27.92 Iron 37.92 15.43 the drill hole collar: 53.35 Gneiss 0.00 32.72 32.72 Iron Dip and azimuth of the hole; 32.72 49.22 16.50 Gneiss 586,098 7,611,900 90 -60 80.37 98 o Down hole length and interception 24 49.22 70.91 21.69 Iron depth; and 70.91 80.37 9.46 Gneiss 13.81 0.00 13.81 Iron o Hole length. 13.81 35.67 21.86 Gneiss 25 586.180 7.611.700 90 -60 59.32 98 If the exclusion of this information is 35.67 48.15 12.48 Iron 48.15 59.32 11.17 Gneiss justified on the basis that the information is 0.00 10.45 10.45 Iron not Material and this exclusion does not 10.45 18.97 8.52 Gneiss 90 49.26 97 26 586,198 7,611,701 -60 detract from the understanding of the 18.97 39.96 20.99 Iron 39.96 49.26 9.30 Gneiss report, the Competent Person should 13.26 0.00 13.26 Iron 27 586,219 7,611,701 90 -60 30.32 clearly explain why this is the case. 13.26 30.32 17.06 Gneiss 0.00 4.13 4.13 Iron 28 586,352 7,607,799 90 -60 30.27 89 4.13 30.26 26.13 Gneiss 0.00 9.72 9.72 Iron 29 7,607,800 90 -60 98 586,299 100.32 9.72 100.31 90.59 Gneiss 0.00 5.00 5.00 Iron 30 586,349 7,607,901 90 -60 30.22 5.00 30.22 25.22 Gneiss 0.00 13.12 13.12 Iron 31 7,607,900 90 -60 96 586,300 100.28 13.12 100.28 87.16 Gneiss 32 90 -60 41.22 97.5 0.00 24.34 24.34 Iron 7,607,999 24.34 30.55 6.21 586,351 Gneiss 30.55 31.30 0.75 Iron 31.30 41.22 9.92 Gneiss 33 586,299 7,608,000 90 -60 54.38 0.00 31.66 31.66 99 Iron 31.66 54.66 23.0 Gneiss 34 586,350 7,608,100 50.24 34.80 -60 0.00 34.80 Iron 34.80 50.24 15.44 Gneiss 35 586,299 7,608,101 54.26 -60 96.3 0.00 44.15 44.15 Iron 44.15 54.26 10.11 Gneiss

- Geological interpretation and cross section of representative drillholes are presented in the associated press release.
- No new assay results are being reported.

Criteria	JORC Code explanation	Commentary
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> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	No cuts were used as iron is a bulk commodity.
Relationship between mineralisati on widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> </ul>	Drilling is ongoing and only preliminary interpretations are shown.
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.	<ul> <li>A plan and interpreted cross sections are included in the associated press release that clearly show the relationship of the drilling to the mineralisation.</li> </ul>

Criteria	JORC Code explanation	Commentary
Balanced reporting	<ul> <li>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.</li> </ul>	<ul> <li>A plan showing all drill hole locations along with interpreted cross-sections are included in the associated press release.</li> <li>No new assay results are reported.</li> </ul>
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.	<ul> <li>AKO has completed ground geophysical surveys using international suppliers. This clearly defines the iron rich mineralisation and was used as a guide to planning drillholes.</li> </ul>
Further work	<ul> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul> <li>This programme is ongoing and further work requirements will be assessed on completion.</li> <li>This programme is designed to enable estimation of a resource under JORC guidelines.</li> </ul>

# **JORC CODE**

Table 1 Section 3 Estimation and Reporting of Mineral Resources (Criteria listed in Section 1, and where relevant in Section 2, also apply to this section)

Not applicable.

# **JORC Code**

# Table 1 Section 4 Estimation and Reporting of Ore Reserves

(Criteria listed in section 1, and where relevant in sections 2 and 3, also apply to this section.)

Not applicable.