



# CORPORATE INFORMATION

Bassari Resources Limited is an Australian ASXlisted company focused on discovering and developing multimillion ounce gold deposits in the Birimian Gold Belt, Senegal, West Africa.

#### **FAST FACTS**

ASX Code

**BSR** 

2.349

Issued Capital 1.884.662.729 No of shareholders

Top 20

INVESTMENT HIGHLIGHTS

Mineral tenements over approximately 790km<sup>2</sup> of prospective Birimian Gold Belt, Senegal.

- Makabingui Gold Project Feasibility Study -Initial high grade open pit project of 1Mt at 5.7g/t for 171,000 oz production inventory, \$680/oz cash cost, US\$88m after tax cash flow in first three years, and expansion anticipated from underground and infill drilling of 8km Makabingui South zone.
- Makabingui Gold Project Mineral Resource (Prepared and disclosed under JORC Code 2004 and remains unchanged) 1 Moz in 11.9 Mt at 2.6 g/t gold (0.5 g/t cut-off) :
  - Indicated: 336,000 oz in 2.6 Mt at 4.0g/t
  - Inferred: 669,000 oz in 9.3 Mt at 2.2g/t
- Makabingui Gold Project open pit JORC 2012 Probable Ore Reserve:
  - 158,000 oz in 0.86 Mt at 5.7 g/t
- Senegal, stable democracy since 1960.
- Well located tenements in a +60M ounce gold province hosting world class deposits.
- Multiple prospects identified along 80km of partially drilled mineralised strike.

### **BOARD AND MANAGEMENT**

Alex Mackenzie

**Executive Chairman** 

**Philip Bruce** 

Non-Executive Director

**Peter Spivey** 

Director

Ian Riley

Company Secretary/Chief Financial Officer

# **CONTACT US**

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# MAKABINGUI GRADE CONTROL RC DRILLING UPDATE

The Directors are pleased to report further promising assay results returned from the grade control infill drilling program at the Makabingui Gold Deposit.

This drilling program is the first stage in the development of the high grade Makabingui Gold Deposit with the objective to provide the precise location, quantity and grade of ore available to be mined, and for detailed pit design and scheduling.

The program consists of 4,025 metres of which 1,941 metres have been completed and the assays returned.

While most of the drilling is infilling previous wider-spaced holes, many are testing the strike and dip extent of high grade zones. The program has confirmed the continuity and tenor of the mineralised structures and when the drilling is complete, the compilation of results will be done.

The more significant intersections received from the latest drilling are:

- 6m at 17.1g/t Au from 88m (RCS559);
- 3m at 11.6 g/t Au from 88m (RCS556);
- 8m at 2.9g/t Au from 5m (RCS561);
- 2m at 9.2g/t Au from 13m; 3m at 2.9g/t Au from 41m; 1m at 9.4g/t from 67m (RCS571);
- 2m at 7.3g/t Au from 91m (RCS553);
- 5m at 2.8g/t Au from 55m (RCS552);
- 3m at 3.5g/t Au from 54m (RCS558);
- 1m at 9.8g/t Au from 1m (RCS550);
- 1m at 5.8g/t Au from 11m (RCS562); and
- 4m at 1.3g/t Au from 55m (RC555).

These additional assays confirmed the previous encouraging results returned below and ASX released on 29 March 2017.

- 9m at 13.5g/t Au from 61m including 3m at 35.7g/t Au (RCS540);
- 4m at 28.1g/t Au from 47m including 1m at 101g/t Au and 1m at 7.3g/t Au from 90m (RCS544);
- 2m at 15.7g/t Au from 33m and 3m at 5.0g/t Au from 45m (RCS547);
- 3m at 7.7g/t Au from 34m including 1m at 19.9g/t Au (RCS536);
- 7m at 2.0g/t Au from 5m including 1m at 12.7g/t Au (RCS537);
- 1m at 5.7g/t Au from 42m (RCS543); and
- 1m at 4.0g/t Au from 52m (RCS549).

Table 1 shows the latest gold intersections with a 0.5g/t Au cut-off grade.

**Table 1 : Makabingui Grade Control RC Additional Drilling Results** 

RCS552       1449376       188159       63       -60       305       48       49       1       0.66       1m at 0.7g/         RCS552       55       56       1       6.44       5m at 2.8g/         RCS552       56       57       1       0.98         RCS552       57       58       1       0.69         RCS552       58       59       1       0.23         RCS552       59       60       1       5.56	tercepts ff 0.5g/t)
RCS552         55         56         1         6.44         5m at 2.8g/           RCS552         56         57         1         0.98           RCS552         57         58         1         0.69           RCS552         58         59         1         0.23           RCS552         59         60         1         5.56           RCS553         1449354         188196         102         -60         305         15         16         1         0.51         3m at 0.6g/           RCS553         17         18         1         1.05         1         1	t Au from 1m
RCS552         55         56         1         6.44         5m at 2.8g/           RCS552         56         57         1         0.98           RCS552         57         58         1         0.69           RCS552         58         59         1         0.23           RCS552         59         60         1         5.56           RCS553         1449354         188196         102         -60         305         15         16         1         0.51         3m at 0.6g/           RCS553         17         18         1         1.05         1         1	
RCS552         56         57         1         0.98           RCS552         57         58         1         0.69           RCS552         58         59         1         0.23           RCS552         59         60         1         5.56           RCS553         1449354         188196         102         -60         305         15         16         1         0.51         3m at 0.6g/           RCS553         16         17         1         0.37         17         18         1         1.05           RCS553         91         92         1         8.30         2m at 7.3g/t         2m at 7.3g/t           RCS553         92         93         1         6.39         1         6.39           RCS555         1449401         188191         72         -60         305         55         56         1         2.68         4m at 1.3g/t           RCS555         57         58         1         0.61         1         0.85           RCS555         58         59         1         0.85         1         0.85	t Au from 48m
RCS552         56         57         1         0.98           RCS552         57         58         1         0.69           RCS552         58         59         1         0.23           RCS552         59         60         1         5.56           RCS553         1449354         188196         102         -60         305         15         16         1         0.51         3m at 0.6g/           RCS553         16         17         1         0.37         17         18         1         1.05           RCS553         91         92         1         8.30         2m at 7.3g/t         2m at 7.3g/t           RCS553         92         93         1         6.39         1         6.39           RCS555         1449401         188191         72         -60         305         55         56         1         2.68         4m at 1.3g/t           RCS555         57         58         1         0.61         1         0.85           RCS555         58         59         1         0.85         1         0.85	Au from 55m
RCS552         57         58         1         0.69           RCS552         58         59         1         0.23           RCS552         59         60         1         5.56           RCS553         1449354         188196         102         -60         305         15         16         1         0.51         3m at 0.6g/           RCS553         16         17         1         0.37         17         18         1         1.05           RCS553         91         92         1         8.30         2m at 7.3g/t           RCS553         92         93         1         6.39           RCS555         1449401         188191         72         -60         305         55         56         1         2.68         4m at 1.3g/t           RCS555         57         58         1         0.61         0.85           RCS555         58         59         1         0.85	110 110111 00111
RCS552         58         59         1         0.23           RCS552         59         60         1         5.56           RCS553         1449354         188196         102         -60         305         15         16         1         0.51         3m at 0.6g/s           RCS553         16         17         1         0.37         17         18         1         1.05           RCS553         91         92         1         8.30         2m at 7.3g/t           RCS553         92         93         1         6.39           RCS555         1449401         188191         72         -60         305         55         56         1         2.68         4m at 1.3g/s           RCS555         57         58         1         0.61         0.85           RCS555         58         59         1         0.85	
RCS552       59       60       1       5.56         RCS553       1449354       188196       102       -60       305       15       16       1       0.51       3m at 0.6g/s         RCS553       16       17       1       0.37       17       18       1       1.05         RCS553       91       92       1       8.30       2m at 7.3g/t         RCS553       92       93       1       6.39         RCS555       1449401       188191       72       -60       305       55       56       1       2.68       4m at 1.3g/s         RCS555       57       58       1       0.61       0.85         RCS555       58       59       1       0.85	
RCS553       1449354       188196       102       -60       305       15       16       1       0.51       3m at 0.6g/         RCS553       16       17       1       0.37         RCS553       17       18       1       1.05         RCS553       91       92       1       8.30       2m at 7.3g/t         RCS553       92       93       1       6.39         RCS555       1449401       188191       72       -60       305       55       56       1       2.68       4m at 1.3g/t         RCS555       57       58       1       0.61       0.85         RCS555       58       59       1       0.85	
RCS553       16       17       1       0.37         RCS553       17       18       1       1.05         RCS553       91       92       1       8.30       2m at 7.3g/t         RCS553       92       93       1       6.39         RCS555       1449401       188191       72       -60       305       55       56       1       2.68       4m at 1.3g/t         RCS555       56       57       1       0.88         RCS555       57       58       1       0.61         RCS555       58       59       1       0.85	
RCS553       91       92       1       8.30       2m at 7.3g/t         RCS553       92       93       1       6.39         RCS555       1449401       188191       72       -60       305       55       56       1       2.68       4m at 1.3g/t         RCS555       56       57       1       0.88         RCS555       58       59       1       0.85	t Au from 15m
RCS553       91       92       1       8.30       2m at 7.3g/t         RCS553       92       93       1       6.39         RCS555       1449401       188191       72       -60       305       55       56       1       2.68       4m at 1.3g/t         RCS555       56       57       1       0.88         RCS555       57       58       1       0.61         RCS555       58       59       1       0.85	
RCS553     92     93     1     6.39       RCS555     1449401     188191     72     -60     305     55     56     1     2.68     4m at 1.3g/       RCS555     56     57     1     0.88       RCS555     57     58     1     0.61       RCS555     58     59     1     0.85	
RCS553       92       93       1       6.39         RCS555       1449401       188191       72       -60       305       55       56       1       2.68       4m at 1.3g/s         RCS555       56       57       1       0.88         RCS555       57       58       1       0.61         RCS555       58       59       1       0.85	
RCS555       1449401       188191       72       -60       305       55       56       1       2.68       4m at 1.3g/         RCS555       56       57       1       0.88         RCS555       57       58       1       0.61         RCS555       58       59       1       0.85	Au from 91m
RCS555         56         57         1         0.88           RCS555         57         58         1         0.61           RCS555         58         59         1         0.85	
RCS555         56         57         1         0.88           RCS555         57         58         1         0.61           RCS555         58         59         1         0.85	t Au from 55m
RCS555 57 58 1 0.61 RCS555 58 59 1 0.85	<u> </u>
RCS555 58 59 1 0.85	
RCS556 1449381 188220 96 -60 305 57 58 1 0.66 <u>1m at 0.7g/t</u>	
	Au from 57m
RCS556 84 85 1 0.83 1m at 0.8g/	Au from 84m
	-
RCS556 88 89 1 0.56 3m at 11.6g	<u>t</u> Au from 88m
RCS556 89 90 1 33.20	
RCS556 90 91 1 0.94	
RCS556 95 96 1 1.01 <u>1m at 1.0g/</u>	Au from 95m
RCS557 1449442 188175 36 -60 305 13 14 1 0.66 1m at 0.7g/	t Au from 13m
RCS557 1449442 188175 30 -00 303 13 14 1 0.00 Intratio.rg/	110111 13111
	Au from 24m
RCS557 25 26 1 2.39	114 HOM 27H

Hole_ID	Northing	Easting	Depth (m)	Dip (°)	Azimuth (°)	From (m)	To (m)	Interval (m)	Au (g/t)	Au Intercepts (cut-off 0.5g/t)
RCS558	1449421	188208	78	-60	305	3	4	1	0.47	1m at 0.5g/t Au from 3m
RCS558						54	55	1	3.95	3m at 3.5g/t Au from 54m
RCS558 RCS558						55 56	56 57	1 1	4.44 2.18	
Resse							37	-	2.10	
RCS558						72	73	1	0.55	1m at 0.6g/t Au from 72m
RCS559	1449396	188240	100	-60	305	60	61	1	0.69	1m at 0.7g/t Au from 60m
RCS559						72	73	1	0.91	1m at 0.9g/t Au from 72m
RCS559						83	84	1	0.46	<u>1m at 0.5g/t</u> Au from 83m
RCS559						88	89	1	0.59	6m at 17.1g/t Au from 88m
RCS559						89	90	1	0.59	om at 17.1g/t Au from 88m
RCS559						90	91	1	0.64	
RCS559						91	92	1	97.80	
RCS559						92	93	1	2.77	
RCS559						93	94	1	0.51	
Rebssy						73	74	1	0.51	
RCS560	1449327	188136	78	-60	305	45	46	1	2.53	1m at 2.5g/t Au from 45m
	1119021	100100	, ,							
RCS560						59	60	1	3.45	1m at 3.5g/t Au from 59m
RCS560						70	71	1	1.30	3m at 1.1g/t Au from 70m
RCS560						71	72	1	1.41	
RCS560						72	73	1	0.60	
RCS561	1449357	188038	18	-60	305	1	2	1	0.80	1m at 0.8g/t Au from 1m
RCS561						5	6	1	0.95	8m at 2.9g/t Au from 5m
RCS561						6	7	1	1.14	
RCS561						7	8	1	no sample	
RCS561						8	9	1	10.63	
RCS561						9	10	1	6.15	
RCS561						10	11	1	1.15	
RCS561						11	12	1	0.07	
RCS561						12	13	1	2.77	

1449334	188070	48	-60	305	34	12 35	1	5.83	(cut-off 0.5g/t)  1m at 5.8g/t Au from 11m
1449212					34	35			ĺ
1449212					34	35			
1449212							1	0.71	1m at 0.7g/t Au from 34m
1449212					2	3	1	1.35	1m at 1.4g/t Au from 2m
1449212					21	22	1	0.45	1m at 0.5g/t Au from 21m
117/212	187900	54	-60	305	32	33			1m at 0.5g/t Au from 32m
1449202	187918	66	-60	305	50	51		1.65	1m at 1.6g/t Au from 50m
					58	59		3.06	1m at 3.1g/t Au from 58m
1449267	187992	108	-60	305	13	14		17.85	2m at 9.2g/t Au from 13m
					14	15		0.63	
					23	24		0.59	1m at 0.6g/t Au from 23m
					41	42		2.87	3m at 2.9g/t Au from 41m
					42	43		5.04	
					43	44		0.76	
					67	68	1	9.37	1m at 9.4g/t Au from 67m
						149267 187992 108 -60 305 13 14 23 41 42 43	149267     187992     108     -60     305     13     14       15       23     24       41     42       43     44	149267     187992     108     -60     305     13     14       14     15       23     24       41     42       42     43       43     44	149267     187992     108     -60     305     13     14     17.85       14     15     0.63       23     24     0.59       41     42     2.87       42     43     44     0.76

#### About Bassari

Melbourne - based West African gold developer Bassari Resources Limited (ASX:BSR) has a strategic portfolio of exploration permits focused on the Birimian Gold Belt in Senegal. The permits cover an area of 790 km² with 80km of strike along the combined three contiguous permits. The permits are located within the Kenieba Inlier which is a +60M ounce gold region. Bassari's vision is to discover and delineate gold resources which can be developed into profitable operations.

# Forward-Looking Statements

This release may include forward-looking statements. Forward-looking statements include, are not necessarily limited to, statements concerning Bassari Resources Limited planned operation program and other statements that are not historic facts. When used in this document, the words such as "could", "plan", "estimate", "expect", "intend", "may", "potential", "should" and similar expressions are forward-looking statements. Although BSR believes its expectations reflected in these are reasonable, such statements involve risks and uncertainties, and no assurance can be given that actual results will be consistent with these forward looking statements. BSR confirms that it is not aware of any new information or data that materially affects the information included in this announcement and that all material assumptions and technical parameters underpinning this announcement continue to apply and have not materially changed.

#### Competent Person's Statement

The information in this announcement that relates to the Mineral Resources and Exploration Results has been reviewed and approved by Mr Moussa Diba who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Diba is the chief geologist of Bassari Resources Limited and has over 20 years' experience in the industry and has more than five years' experience which is relevant to the style of mineralisation being reported upon and the activity being undertaken 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 Diba consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

The Mineral Resource information referred to in the announcement was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not changed since it was last reported.

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# Senegal Project - JORC Table 1 Section 1 Sampling Techniques and Data

#### Criteria

# **JORC Code explanation**

Sampling techniques Nature and quality of sampling (eg 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.

> Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.

Aspects of the determination of mineralisation that are Material to the Public Report.

In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.

## Commentary

Sub surface samples have been collected by a variety of different drilling techniques (see below). Samples either comprise chips or

Termite samples are approximately 2-3kg composite samples collected as discrete samples from regular intervals around the mounds at a height of 1.5m from the ground.

Trench samples are collected as continuous 1m channel samples along walls perpendicular to the structures with selective sample of quartz veins.

Where interpretations are confirmed, the drill holes and trenches are oriented perpendicular to the interpreted strike of the mineralised trend.

Rock samples comprise multiple chips considered to be representative of the horizon or outcrop being sampled.

Samples submitted for assay typically weigh 2-3kg.

RAB samples are collected as 1m samples from which grab samples are taken to produce a 5m composite weighing 2-3kg.

RC samples are homogenised by riffle splitting prior to sampling and then assayed as 1m intervals with 2-3kg submitted for assay.

Diamond core is split by a core saw with half the core submitted for assay and the other half stored in trays on site. Samples are typically submitted as 1m intervals although within the mineralised zones irregular lengths are collected to reflect rock type and alteration intensity.

#### Drilling techniques

Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).

Drilling techniques used in Senegal comprise:

- Reverse Circulation (RC)/4.5-5.5", face sampling hammer
- Rotary Air Blast (RAB)/3.5-4.5" bit, open hole blade or hammer
- Diamond Core/HQ diameter in the oxidized zone and NQ in the fresh rock, standard tube with all core oriented when feasible. Diamond tails NQ are also drilled to extend RC holes.

# Drill sample recovery

Method of recording and assessing core and chip sample recoveries and results assessed.

Measures taken to maximise sample recovery and ensure representative nature of the samples.

Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.

To provide an indication of recovery, the most appropriate means is to weigh each bag as it comes off the cyclone using scales. The expected volume of material is estimated by confirming the bit (or hole) diameter with the driller and multiplying the area of the hole by 100 cm (length of interval).

Each sample should have a similar weight unless there is a good geological reason. To date sample recoveries have averaged >95%.

Drill collars are sealed to prevent sample loss and percussion holes are normally drilled dry to prevent poor recoveries and contamination caused by water ingress. Wet intervals are noted in case of unusual results.

No sample recovery / grade relationship noted as yet.

# Logging

Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.

Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.

The total length and percentage of the relevant intersections logged.

In conjunction with sampling, the geologist carries out geological logging of drill chips. A handful of metre sample is sieved in water to clean the drill chips to be logged geologically on paper log sheets. All drill holes are logged on 1 metre intervals and the following observations recorded:

Recovery, quality (i.e. degree of contamination), wet/dry, hardness, colour, grainsize, texture, mineralogy, lithology, structure type and intensity, vein type and %, sulphide type and %, alteration assemblage and magnetic susceptibility.

The depth of the water table is recorded. RQD and structural orientation data are collected for diamond core.

Logging is quantitative, based on visual field estimates. All drill core is oriented, photographed dry and wet prior to cutting.

All holes are logged from start to end.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and	If core, whether cut or sawn and whether quarter, half core is taken.	Core is sawn and half or quarter submitted for assay
sample preparation	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	Non-core samples are collected as 1 metre samples, riffle split and then composited by tube sampling the bags. Samples are typically dry.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Sample preparation follows industry best practice standards and is conducted by internationally recognized laboratories, including oven drying, jaw crushing and pulverizing so that 85% passes - 75
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	microns.
	Measures taken to ensure that the sampling is	All sample batches include duplicates (1:40), blanks (1:80) and certified standards (1:80).
	representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.	Measures taken include:     regular cleaning of cyclones, splitters and sampling equipment to prevent contamination;
	Whether sample sizes are appropriate to the grain size of the material being sampled.	<ul> <li>statistical comparison of duplicate samples; and</li> <li>statistical comparison of anomalous 5m composite assays versus average of follow up 1m assays.</li> </ul>
		Comparison of anomalous duplicates shows excellent repeatability indicating sample size is appropriate to the grain size.
Quality of assay data and laboratory tests	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	Assay and laboratory procedures have been selected following a review of techniques provided by internationally certified laboratories (SGS and ALS Laboratories).
	For geophysical tools, spectrometers, handheld XRF	The techniques used for gold are total.
	instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.	After weighing, drying, fine crushing of entire sample to better than 70% passing 2mm, a split of 1.5 kg is pulverized to better than 85% passing 75 microns.
	Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias)	Gold grade is determined by Fire Assay with Flame-AAS finish. A 50g nominal sample weight with method precision of +/- 10% and reporting limit of $0.01-100~\rm ppm$ .
	and precision have been established.	If visible gold is identified in the sample then Screen Fire Assaying is used. Up to 1kg is wet screened at 75 microns, the oversize is completely fused with sieve cloth in lead and the undersize is assayed with duplicate Fire Assay /AAS finish.
		Multiple certified standards with varying gold assay are selected randomly and submitted every 80 samples. Barren granitic material from a road quarry at Saraya is submitted every 80 samples. Duplicates are collected every 40 samples and assayed.
		Comparison of results indicates good levels of accuracy and precision.
Verification of	The verification of significant intersections by either	None undertaken.
sampling and assaying	independent or alternative company personnel.	No twinned holes.
	The use of twinned holes.  Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic)	All field data is manually collected, entered into excel spreadsheets, validated and loaded into an Acquire database. (NB data cannot be loaded into Acquire unless it is validated first)
	protocols.  Discuss any adjustment to assay data.	Hard copies are stored in the site office at Douta Camp and electronic data is stored on the Database server in Dakar Office. Data is exported from Acquire for processing by a number of different software packages.
		All electronic data is routinely backed up.
		No adjustment to assay data required.
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings	All drill holes, trenches, workings and geochemical samples are initially located using a hand held GPS.
	and other locations used in Mineral Resource estimation.  Specification of the grid system used.	Drill holes that will be used in Mineral Resource estimation are accurately located using a Total Station or DGPS.
	Quality and adequacy of topographic control.	All RC and diamond holes have been surveyed by a down hole digital survey camera.

The grid system used is WGS 84 Zone 28N, however, for reporting purposes, and to maintain confidentiality, local coordinates are sometimes used.

Nominal RLs based on regional topographic datasets are used initially and updated if Total Station coordinates are collected.

Criteria	JORC Code explanation	Commentary		
Data spacing and distribution	Data spacing for reporting of Exploration Results.  Whether the data spacing and distribution is sufficient to	Varies up to 400m spacing for soil/termite geochemistry, trenching and RAB drilling and up to 50m for RC and diamond		
	establish the degree of geological and grade continuity	drilling.		
	appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.	Data spacing is appropriate for Mineral Resource or Ore Reserve Estimations at Makabingui and Konkoutou Hill and not yet for other areas.		
	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.	Some RAB drill samples are initially collected as 5 metre intervals which have been composited from 1 metre intervals. 1 metre samples are submitted at a later date if the results from 5 metre		
	Whether sample compositing has been applied.	samples are considered significant based on grade and setting.		
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.	Current program for Kontoutou Hill is perpendicular to the interpreted strike of the mineralisation and sampling is unbiased to the extent practically possible. Previous drilling was not		
	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	necessarily in the same orientation. At other prospects drilling and trenching are perpendicular to the interpreted strike of the mineralisation.		
	and reported if material.	No orientation based sampling bias has been recognised, however, it is possible that earlier drilling at Konkoutou Hill has drilled down and sub parallel to mineralised structures.		
Sample security	The measures taken to ensure sample security.	Company geologists supervise all sampling and subsequent storage in field and deliver samples to ALS lab in Burkina Faso via Mali or to SGS Laboratory at Bamako and receive an official receipt of delivery.		
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	AMC Makabingui Resource Estimation Report February 2013:     RC samples show low bias compared to diamond drill samples above 11g/t Au     Standard assay results indicate some quality issues with		
		laboratory procedure (SGS Kayes and ALS Bamako, Mali) though 2012 infill drilling confirmed earlier results.		
		None completed for other areas.		

# Section 2 Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.  The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The Senegal Project comprises 3 granted prospecting licences (Sambarabougou, Moura and Bounsankoba) and 1 mining application (Makabingui Gold Project) that is awaiting the Presidential Decree to finalise granting. The tenement package comprises a contiguous, 800 km² area located ~700km ESE of Dakar, Senegal. Bassari have 70/30 joint ventures on the three exploration licences with local companies holding the licences. Bassari has previously mined an alluvial source at Douta and operated a gravity recovery processing plant.
		On the grant of a mining tenement, royalties are payable to the Senegal government (5% NSR), which has a right to obtain up to 25% of the project by contributing a market purchase price.
		There are no other material issues affecting the tenements.
		All granted tenements are in good standing and there are no impediments to operating in the area.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	The Senegal Project has been held by Bassari since 2004. There were no intense exploration activities completed on the tenements prior to Bassari's involvement.
		Some areas have been mined to shallow depths by artisanal miners.
Geology	Deposit type, geological setting and style of mineralisation.	The Senegal Project has gold mineralisation occurring in association with quartz veins in metagabbro, granite and adjacent sediments. All known economic mineralisation is structurally controlled by secondary and tertiary splays along major regional mineralised structures.
		Gold is structurally controlled but hosted in a number of different settings and lithologies similar to Archaean lode style gold systems mined in Western Australia and Canada.

Criteria	JORC Code explanation	Commentary
Drill hole Information	A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:  • easting and northing of the drill hole collar  • elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar  • dip and azimuth of the hole  • down hole length and interception depth  • hole length.	See body of report.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.  Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.  The assumptions used for any reporting of metal equivalent values should be clearly stated.	Intercepts are calculated using lower cuts of 0.2 and 0.5g/t gold.  No top cuts used to date.  Internal waste (i.e. <cut (see="" a="" appendices).="" are="" attached="" between="" cut="" equivalents="" exceed="" grade="" grades.="" have="" high="" highlighted="" impact="" intersection="" intervals="" is="" limited="" material="" metal="" mineralised="" no="" of="" off="" off)="" on="" overall="" reported.<="" samples="" separately="" short="" td="" that="" to="" two=""></cut>
•	These relationships are particularly important in the reporting of Exploration Results.  If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.  If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	True widths of the mineralisation depend on the angle of the drill hole and the dip of the mineralisation.
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.	See Figures in body of this release
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.	Comprehensive reporting has been undertaken with both mineralised and unmineralised holes/trenches listed in previously reported ASX releases and for the current program in the body of this release.
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.	All meaningful and material data reported
	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large- scale stepout drilling).	Pending future funding