



## CORPORATE INFORMATION

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

### FAST FACTS

ASX Code	BSR
Issued capital	234,097,128
Listed options	19,508,101
Unlisted options	4,500,000
No of shareholders	1628
Top 20	35%

### INVESTMENT HIGHLIGHTS

- Exploration Permits cover approx. 1,000 km<sup>2</sup> over prospective Birimian Gold Belt, Senegal, West Africa.
- Quality ground holding in a region which hosts a number of world class deposits.
- Nine prospects identified along 75km strike length on Kenieba Inlier.
- Resource drilling in progress at Makabingui Project.
- Exceptional green field exploration opportunities.
- 30km<sup>2</sup> exploitation permit – Douta.
- Fully underwritten rights issue, January 2011 raised \$7M.

### BOARD AND MANAGEMENT

Dr David S Tyrwhitt

*Non Executive Chairman*

Jozsef Patarica

*Managing Director/CEO*

Clive Wright

*Non Executive Director*

Ian Riley

*Company Secretary/Chief Financial Officer*

Alex Mackenzie

*Country Manager*

Fred van Dongen

*Chief Operations Manager*

Moussa Diba

*Exploration Manager*

### CONTACT US

Bassari Resources Limited

ACN: 123 939 042

Level 17, 500 Collins Street

Melbourne, Victoria, 3000 Australia

T: +61 3 9614 0600

F: +61 3 9614 0550

Email: [admin@bassari.com.au](mailto:admin@bassari.com.au)

[www.bassari.com.au](http://www.bassari.com.au)

## ASX Release

29 April 2011

## March 2011 Quarterly Activity Report

Melbourne-based mineral exploration company Bassari Resources Limited (ASX:BSR) is pleased to report its activities for the March 2011 Quarter on the Company's gold projects in Senegal, West Africa.

- Continued infill and extensional drilling at the Makabingui Project returned more strong gold intercepts from Zone 1 and 3:
  - \* 4m @ 7.8 g/t Au including 1m @ 30.4 g/t Au (Zone 1)
  - \* 4m @ 7.8 g/t Au including 1m @ 23.1 g/t Au (Zone 1)
  - \* 5m @ 11.0 g/t Au (Zone 1)
  - \* 9m @ 9.7 g/t Au (Zone 1)
  - \* 6.9m @ 3.3 g/t Au (Zone 1)
  - \* 3m @ 13.9 g/t Au including 1m @ 24.8 g/t Au (Zone 3)
  - \* 4m @ 18.1 g/t Au including 1m @ 71.1 g/t Au (Zone 3)
  - \* 8m @ 9.7 g/t Au including 1m @ 58 g/t Au (Zone 3)
  - \* 4.7m @ 6.6 g/t Au (Zone 3)
- High metallurgical recoveries from Makabingui Project. Overall gold recovery from both oxide and primary ore of 99% from Zone 1 North.
- Additional Resource potential at Makabingui with further Reverse Circulation (RC)/Diamond Drilling (DD) at Zones 1, 2 and 3 and RAB drilling identifying additional prospects around the Sambarabougou Granite.
- Douta Alluvial Project's first gold shipment took place in March with a total of 964 ounces shipped to date from the project. Gold production for March quarter was 728 ounces with a steady ramp up of 30% month on month.

# Exploration Activities

## Sambarabougou Permit (70%)

### Makabingui Project

Resource drilling continued during the March Quarter with a number of strong gold intercepts returned (ASX announcements 24 January, 8 February, 15 March, 5 April 2011). The Company is currently developing a maiden gold Mineral Resource for the Makabingui Project which will be reported in accordance with the JORC<sup>1</sup> Code. The maiden resource will be based on drilling assays returned to the end of April from the first phase of combined RC/DD. The Company expects to release the maiden resource early May 2011.

### Makabingui Project (Zone 1)

Infill resource definition drilling over 800 metres strike length at 50 metre spaced sections was undertaken between 100,200N through 99,400N using both RC and DD (Figure 1).

A total of 47 RC holes drilled 3,529 metres and 36 DD holes drilled 2,157 metres within Makabingui Zone1.

Significant intercepts are summarised in Tables 1 and 2 (see pages 6 and 7).

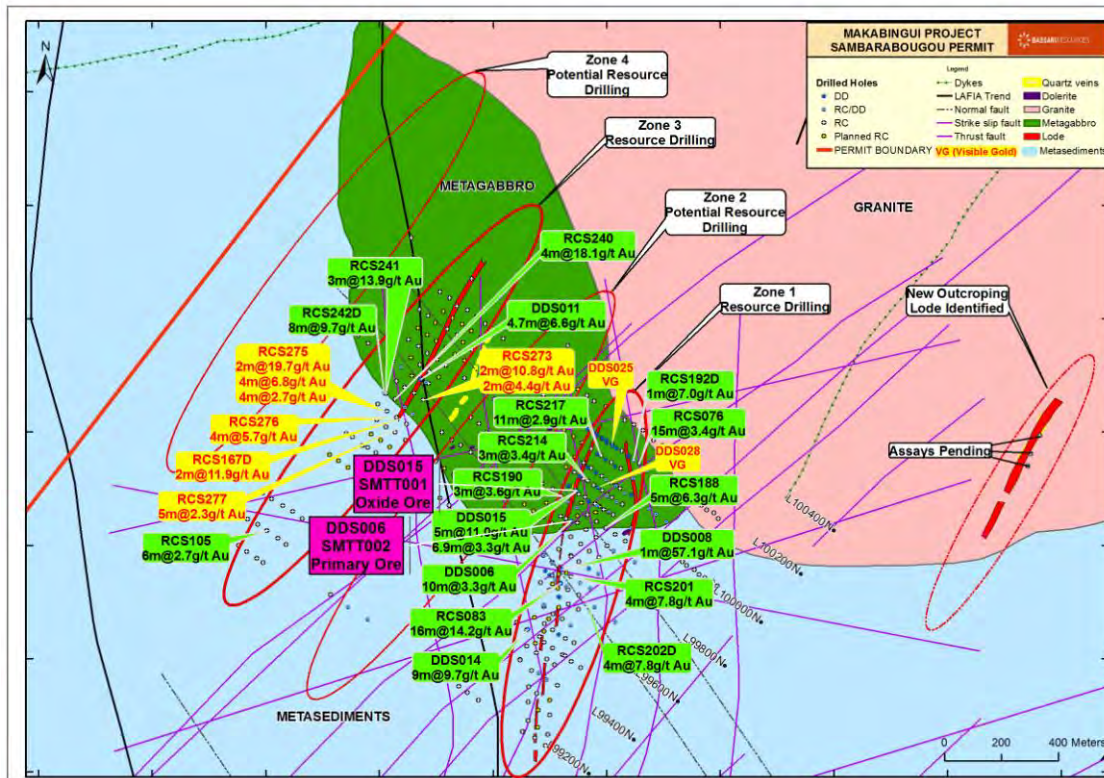


Figure 1 – Makabingui Project – Mineralised Zones & Drill Hole Location Plan

<sup>1</sup> Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, 2004 Edition, prepared by the Joint Ore Reserves Committee of the Australasian Institute of Mining and Metallurgy, Australian Institute of Geoscientists and Minerals Council of Australia.

## **Makabingui Project (Zone 2 & 3)**

A total of 34 RC holes drilled for 3,193 metres and three DD holes which drilled 273 metres were completed at Zones 2 and 3. These followed up the initial intercepts returned with the earlier RC program at Zones 2 and 3 (Figure1).

Target zones with silica and carbonate alteration between 5 to 7 metres width on average were intersected. The strike length of both Zone 2 and 3 are approximately 700 metres.

Within Zone 3 the RC gold intercept of 3 metres at 9.2 g/t Au from 35 metres (RCS030), was followed up with a diamond hole (DDS011 Twin hole) which returned 4.7 metres at 6.6 g/t Au from 37 metres. The diamond hole confirms the presence of the mineralised structure which is recognised as a sheared and brecciated porphyry diorite with visible gold associated with quartz veins. The diamond assay returned higher gram metres than the RC hole.

Significant intercepts are summarised in Tables 3 and 4 (see page 8).

## **Makabingui North Prospect RAB Drilling**

RAB drilling on line, L103,200N resulted in the recognition of an extensive intrusion of diorite and metagabbro which appears to be of a similar dimension to the Makabingui south intrusion (Figure 2). Outcrop is very rare and RAB drilling is continuing to fully delineate the size of the intrusion.

On present evidence it appears to be of a similar area to the well known Makabingui intrusive to the south where resource drilling is well advanced. This host rock has proven an ideal structural trap for gold bearing solutions accompanied by quartz-carbonate-pyrite alteration. The RAB drilling has already identified several sites of quartz-carbonate-pyrite lodes with anomalous geochemical assays of up to 0.5g/t gold over 15m in hole RBS1868. These areas are planned to be drilled using RC/DD.

A total of 440 RAB holes were completed totalling 14,934 metres.

Significant intercepts are summarised in Table 5 (see page 9).



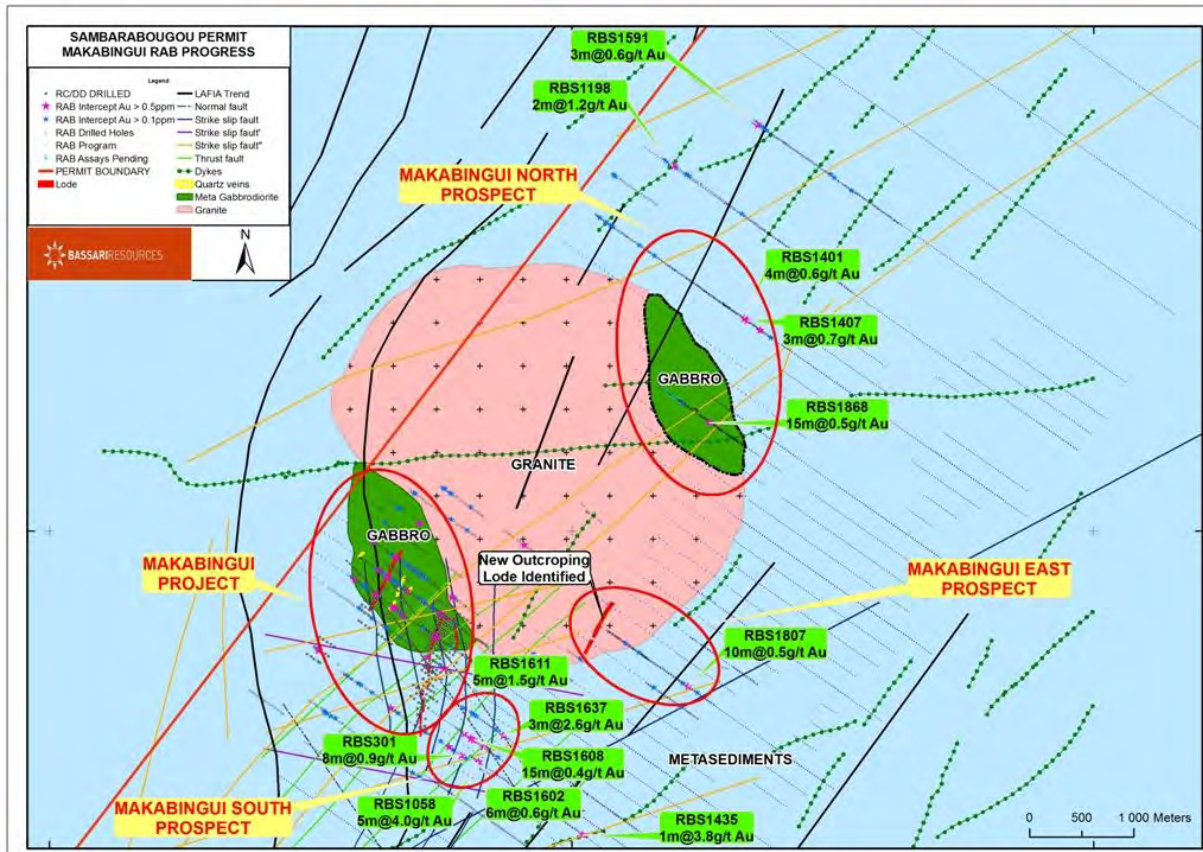


Figure 2 – Makabingui Project– Sambarabougou Granite RAB drilling results

### Makabingui preliminary metallurgical testwork

Two 6-7kg samples of quarter core were used, one from the oxidised zone and the other being un-oxidised (primary ore) (Figure 1). Details of the samples are:

#### Oxide

- Hole ID – DDS015
- From 15 metres to 18 metres down hole.
- Sample type – ½ NQ diamond drill core.

#### Primary

- Hole ID – DDS006
- From 34.35 metres to 39.14 metres down hole.
- Sample type – ¼ NQ diamond drill core.

Both samples were crushed to minus 2mm, blended and divided into portions. The head sample portions were assayed and returned the following results:

sample	g/t Au	ppm Ag	ppm Cu	ppm Pb	ppm Zn	% Fe	ppm As	% S
oxide	2.46	<2	75	<20	105	6.59	4975	0.02
primary	8.3	<2	45	20	105	6.26	38400	2.70

## Free Gold

Free gold determination was carried out by taking a 2kg portion of ore and grinding it to a P80 = 75 micron grind size. This is a typical grind size used in a majority of gold processing plants.

The ground ore was passed through a Knelson concentrator with the concentrate examined for the occurrence of gold flake and then amalgamated. The amalgam fraction was then assayed. Free gold recoveries were:

<b>Oxide</b>	<b>52%</b>
<b>Primary</b>	<b>95%</b>

The primary ore result was biased high because of the occurrence of a 5mm flake of gold in the test portion. With these amounts of coarse free gold in the samples a gravity gold circuit would be imperative in any process plant.

## Cyanidation

Cyanidation of the gravity tails fractions returned the following percentage dissolution results:

<b>Oxide</b>	<b>98%</b>
<b>Primary</b>	<b>94%</b>

Combining the gravity plus cyanidation gold extraction values results in an overall extraction of 99% of the gold.

Full data sheets for these two tests are included (Appendix 1 & 2) and show a rate of gold and silver dissolution with time. Both rate curves are typical with silver dissolution a fraction of the gold dissolution. The encouraging aspect was the rapid gold dissolution, complete within approximately 15 hours and the low to moderate cyanide consumption.

**Table 1: Makabingui Zone 1 Significant DD Drilling Intercepts**

Section	Hole No	From(m)	To(m)	Width (m)	Average grade (Au g/t)	Maximum grade (Au g/t)
L99750N	DDS008	80	81	1	57.1	57.1
L100200N	RCS192D	73	78.2	5.2	0.8	1.66
		100	101	1	7.04	7.04
		114	118	4	0.6	1.16
	RCS191D	118	123	5	1.4	1.9
		132.12	138.65	6.5	1	2.31
L100100N	RCS229D	177.47	182.3	4.8	0.7	1.07
	RCS230D	125	128	3	3.1	20.5
		138	141	3	0.8	1.49
L99500N	DDS014	52	55	3	1.1	1.4
		58	67	9	9.7	19.9
L100000N	DDS015	15	20	5	11	19.65
		24	30.85	6.9	3.3	11.05
L100200N	DDS019	19.66	24	4.3	0.9	1.84
	DDS020	9	16	7	1	2.88
		21	23.8	2.8	0.6	1.01
		29.7	33.5	3.8	1.1	1.78
	DDS021	4.43	9	4.6	1.2	3.1
		21	24	3	0.6	0.77
	DDS022	46	49.1	3.1	1	1.82
	DDS023	15.5	18.5	3	0.7	0.81
		33.64	42	8.4	2.3	6.6
		60	62	2	1.58	1.58
	DDS026	6	8	2	1.5	1.95
		42	44.4	2.4	0.9	4.08
		53	55	2	4.6	8.83

**Table 2: Makabingui Zone 1 Significant RC Drilling Intercepts**

Section	Hole No.	From(m)	To(m)	Width (m)	Average grade (Au g/t)	Maximum grade (Au g/t)
L99950N	RCS188	85	90	5	6.3	12.15
	RCS189D	10	16	6	1	2.58
	RCS190	77	80	3	3.6	4.25
L100200N	RCS192D	14	15	1	6.71	6.71
L99850N	RCS193	46	50	4	0.5	0.92
L99750N	RCS200	31	33	2	1.9	3.19
	RCS201	56	57	1	30.4	30.4
	RCS202D	72	76	4	7.8	23.1
L99650N	RCS207	4	5	1	4.06	4.06
L100050N	RCS209	3	8	5	1	3.15
		18	24	6	1.4	2.21
	RCS210	32	35	3	1.9	3.23
		39	48	9	0.6	1.59
	RCS211	61	70	9	3.2	11.4
	RCS213	97	100	3	1	1.58
	RCS214	16	19	3	3.4	5.51
	RCS217	14	27	13	2.5	20.1
	RCS218	54	61	7	1.9	9.02
	RCS219	70	75	5	1.1	2.37
RCS220	90	94	4	0.5	0.88	
L99550N	RCS224	77	81	4	1	1.78
L100100N	RCS229D	79	84	5	0.8	1.84
L99950N	RCS246	21	26	5	1.5	3.46
		103	105	2	1.5	1.8
		113	118	5	1	1.88
		122	126	4	1.7	3.93

**Table 3: Makabingui Zone 3 Significant RC Drilling Intercepts**

Section	Hole No.	From(m)	To(m)	Width (m)	Average grade (Au g/t)	Maximum grade (Au g/t)
L99950N	RCS188	85	90	5	6.3	12.15
	RCS189D	10	16	6	1	2.58
	RCS190	77	80	3	3.6	4.25
L100200N	RCS192D	14	15	1	6.71	6.71
L99850N	RCS193	46	50	4	0.5	0.92
L99750N	RCS200	31	33	2	1.9	3.19
	RCS201	56	57	1	30.4	30.4
	RCS202D	72	76	4	7.8	23.1
L99650N	RCS207	4	5	1	4.06	4.06
L100050N	RCS209	3	8	5	1	3.15
		18	24	6	1.4	2.21
	RCS210	32	35	3	1.9	3.23
		39	48	9	0.6	1.59
	RCS211	61	70	9	3.2	11.4
	RCS213	97	100	3	1	1.58
	RCS214	16	19	3	3.4	5.51
	RCS217	14	27	13	2.5	20.1
	RCS218	54	61	7	1.9	9.02
	RCS219	70	75	5	1.1	2.37
RCS220	90	94	4	0.5	0.88	
L99550N	RCS224	77	81	4	1	1.78
L100100N	RCS229D	79	84	5	0.8	1.84
L99950N	RCS246	21	26	5	1.5	3.46
		103	105	2	1.5	1.8
		113	118	5	1	1.88
		122	126	4	1.7	3.93

**Table 4: Makabingui Zone 3 Significant DD Drilling Intercepts**

Section	Hole No.	From(m)	To(m)	Width (m)	Average grade (Au g/t)	Maximum grade (Au g/t)
L99900N	RCS167D	84	86	2	11	20.7

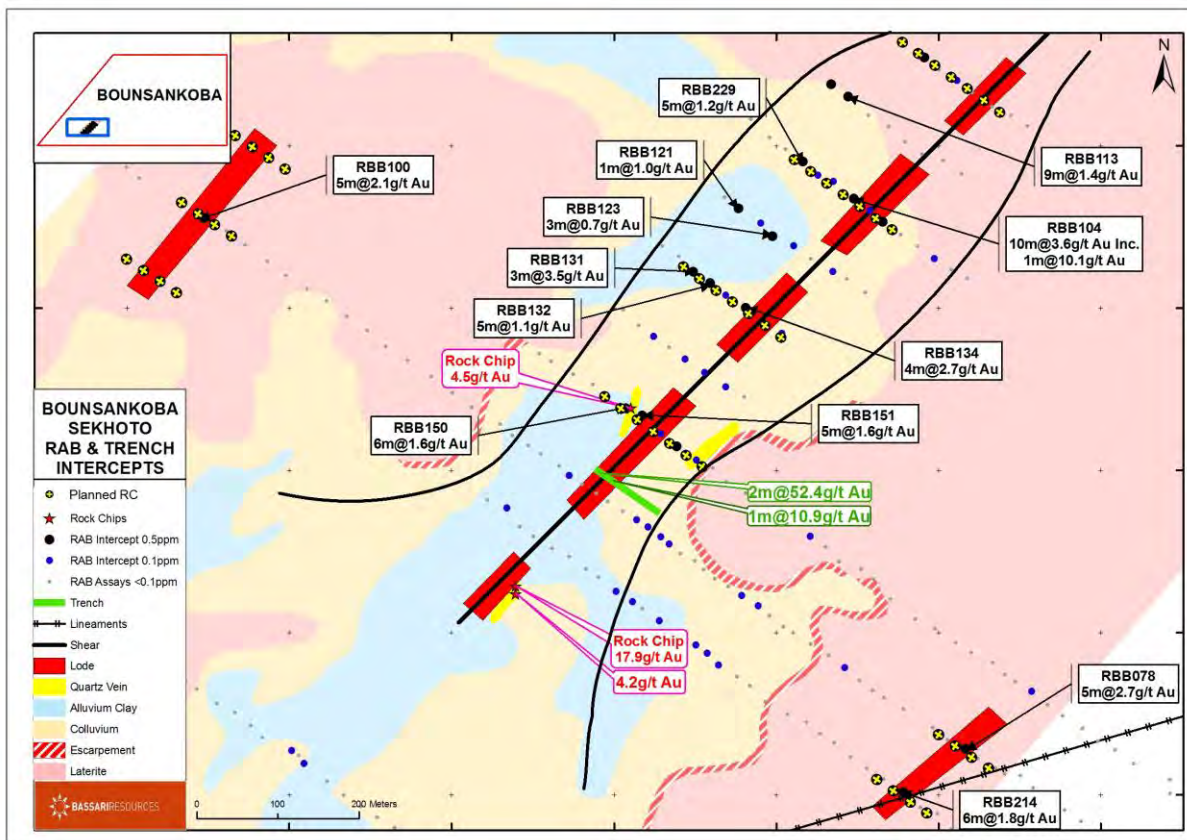


**Table 5: Makabingui Significant RAB Drilling Intercepts**

Hole No.	From(m)	To(m)	Width (m)	Average grade (Au g/t)	Maximum grade (Au g/t)
RBS1401	6	10	4	0.63	0.63
RBS1407	6	9	3	0.68	0.68
RBS1591	31	34	3	0.6	0.72
RBS1602	26	32	6	0.6	0.98
RBS1608	23	30	7	0.60	0.56
RBS1611	11	16	5	1.47	1.47
RBS1637	10	13	3	2.59	2.59
RBS1807	32	37	5	0.83	0.83
RBS1868	4	19	15	0.5	0.51

**Bounsankoba Permit (70%)**

RAB targets identified in previous drilling together with trench assays of quartz veining in the 5 – 11g/t gold range have been further modelled with the structural analysis by Dr Gueye. RC/DD targets have been selected to be drilled. Specific targets have also been selected at Massa Massa and Sekhoto (Figure 3).



**Figure 3 - Sekhoto RC target defined by trenching and RAB drilling**

## Moura Permit (70%)

An initial RC/DD drilling program of 4,000 metres is planned targeting strong gold geochemical values reported in trenching, RAB drilling and initial shallow RC. Recent trenching has revealed a complex quartz-pyrite (iron oxides at surface) vein stockwork to be tested to a depth of about 100 – 150 metres at Kawsara (Figure 4), Bennajiggi (Figure 5) and Konkoutou (Figure 6). These prospects are being exploited by teams of artisanal miners who sink shafts to a depth of approximately 10 to 20 metres on close spacing to recover narrow quartz veins which they indicate grade between 10 to 20 g/t gold.

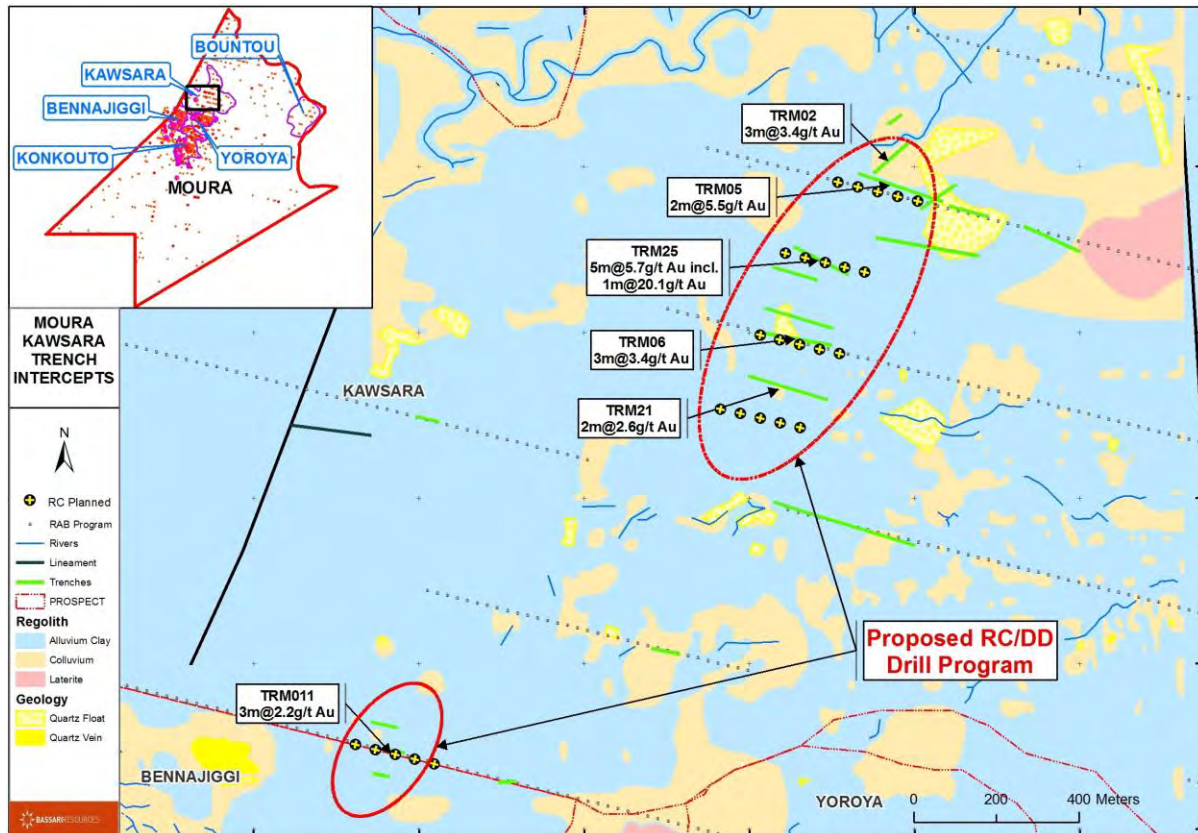


Figure 4 - Moura Permit Kawsara Prospect planned drill program



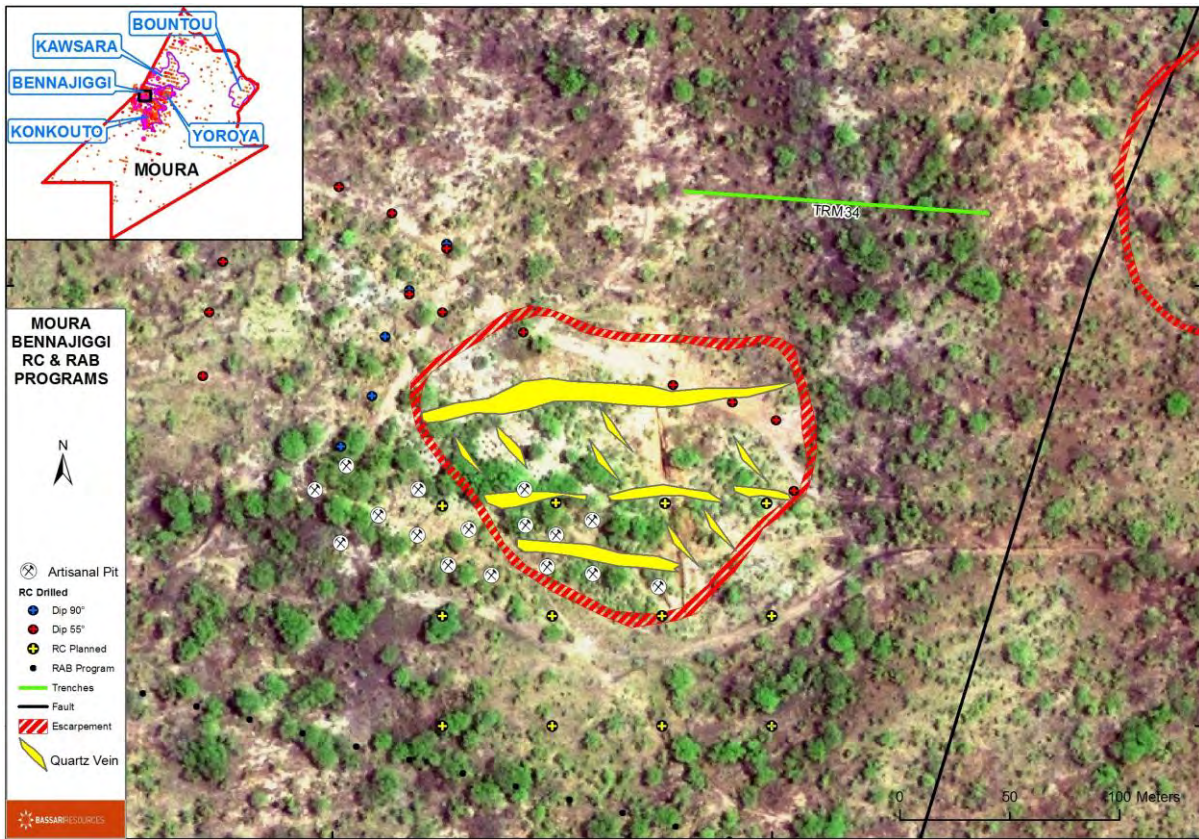


Figure 5 - Moura Permit Bennajiggi Prospect planned drill program

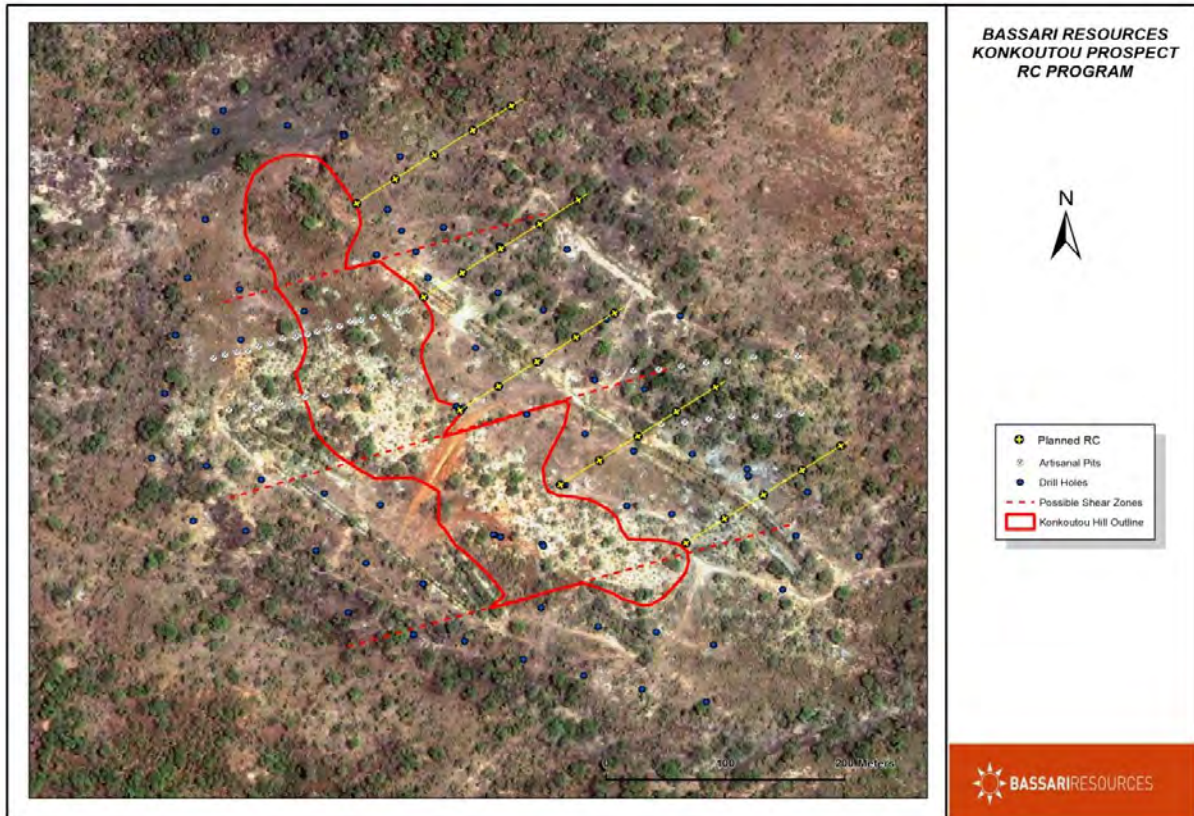


Figure 6 - Moura Permit Konkoutou Prospect planned drill program



## Regional Exploration

RAB drilling is being carried out around favourable granite pressure shadows and contact areas to the north of the Sambarabougou granite and planned around the smaller Missira granite 15 kms east of Makabingui North Prospect (Figure 7). Additional structural targets derived from Dr Gueye's report are also planned to be tested over the remainder of the year.

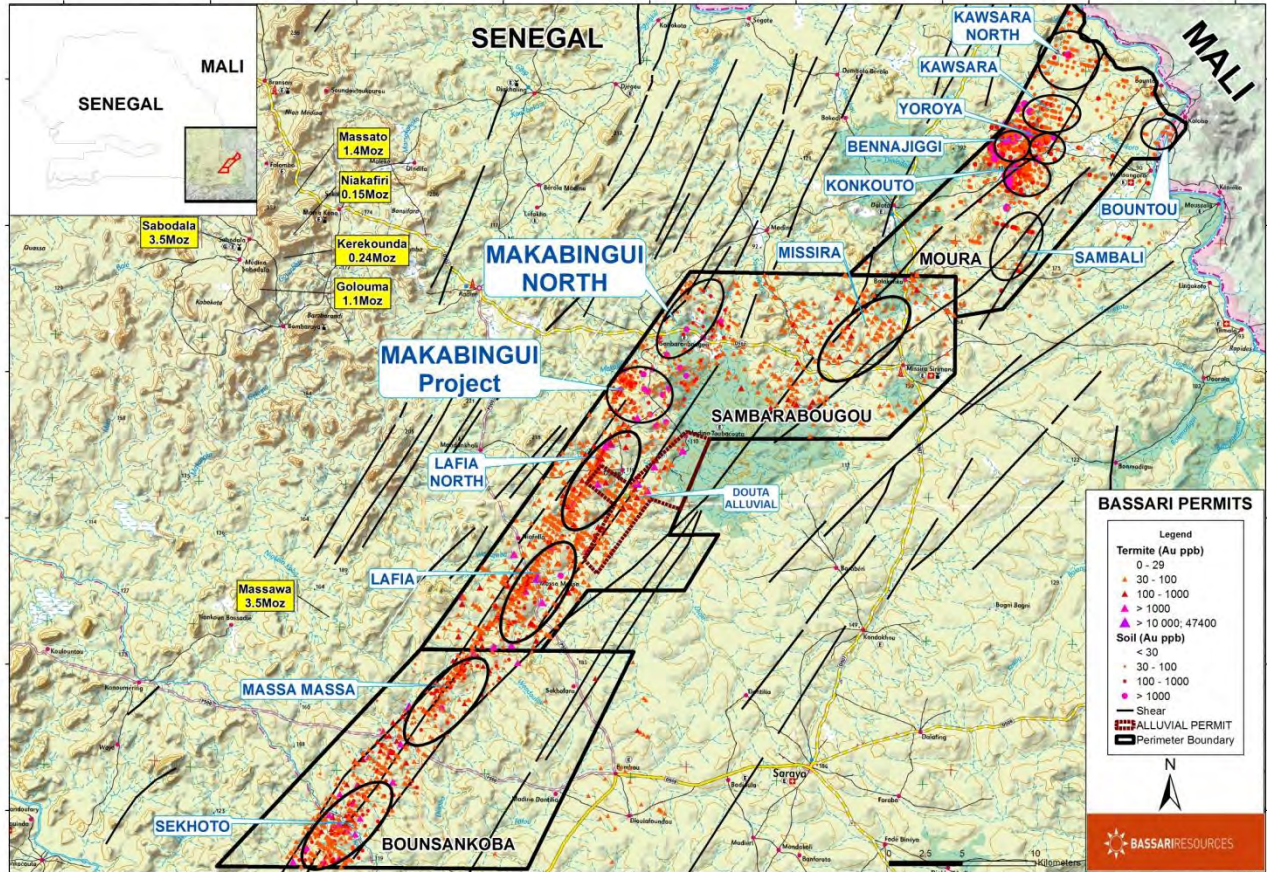


Figure 7 – Bassari Permits – Prospects location plan

## **Douta Alluvial Gold Project (Bassari 63% - WATIC 27% - Senegal Government 10%)**

Gold production for the March quarter was 728 ounces with a steady ramp up month on month.

- January – 181 ounces
- February – 240 ounces
- March – 307 ounces

The first gold shipment took place in March (520 ounces) with a total of 964 ounces now shipped from Douta. Gold shipments will be on an ongoing basis with the frequency based on production levels.

The average 30% increase in gold production month on month during the March 2011 quarter was a result of the following improvements being advanced:

- Grade control systems implemented in January combined with the experience gained from mining reducing dilution of gravels and maximising gold grade;
- Moving into higher grade Block B during the quarter;
- Adopting a more selective mining method targeting higher gold grade and lower overburden areas;
- Improved mobile fleet availability;

Metallurgical performance of the plant remains consistent and in line with expectations. Operational issues with the processing plant have been progressively resolved throughout the quarter. Plant reliability is a key focus for the current quarter to reduce unplanned stoppages.

The variations in both overburden and gravel thickness across the defined mining blocks has meant that the approach to mining the gravels is more selective than originally planned. The production performance in March is expected to be representative of sustainable levels during the dry season with high levels of mobile and fixed plant availability. The wet season period is typically July to September where the production levels are expected to scale back due to water inflows into the mining areas. As Douta transitioned into production in the December 2010 quarter the coming wet season will be the first exposure to how operations will be impacted during the wet season.

### **Corporate**

A total of 58,524,282 new shares were issued in January at \$0.12 each raising \$7.023 million before costs with each new share having a free attaching 1 for 3 option exercisable at \$0.20 on or before 30 June 2012. Funds raised were for working capital and the Company's exploration program.

Approximate proceeds from gold shipments in March and April total \$1.33 million.

Cash at the end of the March quarter was \$2.03 million and the Company had no debt.

During the quarter the Company sold its truck-mounted EVH RAB drilling rig to its RAB drilling contractor for \$200,000. The proceeds of the sale will be received in the form of deductions of 50% of future RAB drilling costs until the \$200,000 is fully acquitted. This represents approximately 5 months of RAB drilling based on historical drilling performance.

The 15,000 metre RC drilling contract with AEDC concluded in early March. With the Company planning to announce the maiden Makabingui Mineral Resource early May and plans to advance additional prospects, a drilling contract for combined RC/DD drilling is being explored with local drilling contractors.

**Forward Looking Statement**

This release may include forward-looking statements which are based on assumptions and judgements of management regarding future events and results. Statements regarding Bassari Resources Limited plans with respect to the Douta Alluvial Project and information with respect to future exploration and drilling are forward-looking statements. Forward-looking statements are necessarily subject to risks, uncertainties and other factors, many of which are outside the control of Bassari Resources Limited that could cause actual results to differ materially from such statements. Bassari Resources Limited makes no undertaking to subsequently update or revise the forward-looking statements made in this release to reflect events or circumstances after the date of this release.

**Competent Persons Statement**

The information in this report that relates to Exploration Results is based on information compiled by Dr D S Tyrwhitt who is a Fellow of the Australasian Institute of Mining and Metallurgy and has 50 years experience in the industry and has more than 5 years experience which is relevant to the style of mineralisation being reported upon to qualify as a Competent Person as defined in the 2004 Edition of the "Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves". Dr Tyrwhitt consents to the inclusion in the report of the matters based on the information in the form and context to which it appears.

**For further information please contact****Jozsef Patarica****Bassari Resources Limited****Tel: +61 419 899 966****Email: [jozsef@bassari.com.au](mailto:jozsef@bassari.com.au)**



# Appendix 1 – Bassari Cyanidation Test Data Sheet (Oxide Ore)

## BASSARI CYANIDATION TEST DATA SHEET Oxide Ore

IDENTIFICATION		GRIND				LEACH																						
Project	M2341	grams			999	grams			999																			
Sample	SMMT 001	mls water			817	mls water			1498																			
objective	KT + AT Tail P80 = 75µm 24hrs, 0.10% NaCN	water type			tap	% solids			40																			
test number	L1	% solids			55	minutes			Date																			
		minutes			20 + 5	80 % Passing			14/3/11																			
					~ 75 µm				Operator																			
									YJK																			
Time	NaCN	hyd.lime		diss. O2	%	liquor	mg/l	mg/l	extr'n	extr'n																		
hours	grams	grams	pH	mg/l	NaCN	mls	Au	Ag	% Au	% Ag																		
0	1.50	3.36	7.2	8.0	0.100				0.0	0.0																		
2			10.5	8.3	0.096	1498	1.32	0.3	83.8	57.9																		
4			10.4	8.1	0.092	1498	1.46	0.3	94.1	60.9																		
8		0.10	10.3	8.0	0.084	1501	1.46	0.3	95.8	60.0																		
24			10.2	8.6	0.070	1496	1.47	0.3	97.7	58.7																		
<b>Note:</b> Assay sample volume replaced with water Au and Ag in solution calculations include in assay liquor sample					<b>ASSAYS</b>																							
					residue	g/t Au	0.06	0.05	AMMTEC																			
						g/t Ag	0.3		AMMTEC																			
<b>GOLD METALLURGICAL BALANCE</b>																												
amount	material	assay	mg Au	dist %																								
			g/t Au																									
	liquor	1.47	2.304	97.7																								
	residue	0.055	0.055	2.3																								
	total	2.36	2.359	100.0																								
<b>SILVER METALLURGICAL BALANCE</b>																												
amount	material	assay	mg Ag	dist %																								
			g/t Ag																									
	liquor	0.27	0.4	58.7																								
	residue	0.3	0.3	41.3																								
	total	0.7	0.72	100.0																								
<b>DISSOLUTION KINETICS</b>																												
<table border="1"> <caption>DISSOLUTION KINETICS DATA</caption> <thead> <tr> <th>hours</th> <th>% dissolution (GOLD)</th> <th>% dissolution (SILVER)</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2</td> <td>83.8</td> <td>57.9</td> </tr> <tr> <td>4</td> <td>94.1</td> <td>60.9</td> </tr> <tr> <td>8</td> <td>95.8</td> <td>60.0</td> </tr> <tr> <td>24</td> <td>97.7</td> <td>58.7</td> </tr> </tbody> </table>											hours	% dissolution (GOLD)	% dissolution (SILVER)	0	0	0	2	83.8	57.9	4	94.1	60.9	8	95.8	60.0	24	97.7	58.7
hours	% dissolution (GOLD)	% dissolution (SILVER)																										
0	0	0																										
2	83.8	57.9																										
4	94.1	60.9																										
8	95.8	60.0																										
24	97.7	58.7																										
<b>EXTRACTION % SUMMARY</b>					Au	Ag																						
calculated					97.7	58.7																						
head & tails calculation					97.8																							
<b>REAGENT CONSUMPTION</b>																												
kg/t NaCN					0.39																							
kg/thyd. lime					3.46																							
<b>HEAD ASSAY</b>																												
					Au	Ag																						
assay					2.46	<2																						
calculated					2.36	0.7																						

# Appendix 2 – Bassari Cyanidation Test Data Sheet (Primary Ore)

## BASSARI CYANIDATION TEST DATA SHEET

Primary ore

IDENTIFICATION		GRIND				LEACH																						
Project	M2341	grams		1000		grams		1000																				
Sample	SMMT 002	mls water		666		mls water		1499																				
objective	KT + AT Tail	water type		tap		% solids		40																				
	P80 = 75µm	% solids		60		Date		14/3/11																				
	24hrs, 0.10% NaCN	minutes		25.0		Operator		YJK																				
test number	L2	80 % Passing		~ 75 µm																								
Time	NaCN	hyd.lime		diss. O2	%	liquor	mg/l	mg/l	extr'n	extr'n																		
hours	grams	grams	pH	mg/l	NaCN	mls	Au	Ag	% Au	% Ag																		
			8.1																									
0	1.50	0.58	10.5	7.9	0.100				0.0	0.0																		
2			10.6	8.3	0.098	1498	9.00	1.4	85.9	72.5																		
4			10.5	8.2	0.096	1500	9.30	1.5	90.3	79.2																		
8		0.05	10.4	8.1	0.092	1503	9.60	1.5	94.8	80.6																		
24			10.2	8.7	0.076	1498	9.40	1.5	94.1	82.2																		
<b>Note:</b> Assay sample volume replaced with water Au and Ag in solution calculations include in assay liquor sample					<b>ASSAYS</b>																							
					residue	g/t Au	0.92		AMMTEC																			
						g/t Ag	0.5		AMMTEC																			
<b>GOLD METALLURGICAL BALANCE</b>																												
amount	material	assay	mg Au	dist %																								
		g/t Au																										
	liquor	9.40	14.782	94.1																								
	residue	0.92	0.920	5.9																								
	total	15.71	15.701	100.0																								
<b>SILVER METALLURGICAL BALANCE</b>																												
amount	material	assay	mg Ag	dist %																								
		g/t Ag																										
	liquor	1.47	2.3	82.2																								
	residue	0.5	0.5	17.8																								
	total	2.8	2.81	100.0																								
<b>EXTRACTION % SUMMARY</b>																												
			Au	Ag																								
calculated			94.1	82.2																								
head & tails calculation			88.9																									
<b>REAGENT CONSUMPTION</b>																												
kg/t NaCN			0.29																									
kg/t hyd. lime			0.63																									
<b>HEAD ASSAY</b>																												
			Au	Ag																								
assay			8.3	<2																								
calculated			15.7	2.8																								
<b>DISSOLUTION KINETICS</b>																												
<table border="1"> <caption>DISSOLUTION KINETICS DATA</caption> <thead> <tr> <th>hours</th> <th>% dissolution (GOLD)</th> <th>% dissolution (SILVER)</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>0</td> <td>0</td> </tr> <tr> <td>2</td> <td>85.9</td> <td>72.5</td> </tr> <tr> <td>4</td> <td>90.3</td> <td>79.2</td> </tr> <tr> <td>8</td> <td>94.8</td> <td>80.6</td> </tr> <tr> <td>24</td> <td>94.1</td> <td>82.2</td> </tr> </tbody> </table>											hours	% dissolution (GOLD)	% dissolution (SILVER)	0	0	0	2	85.9	72.5	4	90.3	79.2	8	94.8	80.6	24	94.1	82.2
hours	% dissolution (GOLD)	% dissolution (SILVER)																										
0	0	0																										
2	85.9	72.5																										
4	90.3	79.2																										
8	94.8	80.6																										
24	94.1	82.2																										

# Appendix 5B

## Mining exploration entity quarterly report

Introduced 1/7/96. Origin: Appendix 8. Amended 1/7/97, 1/7/98, 30/9/2001, 01/06/10.

Name of entity

**BASSARI RESOURCES LIMITED**

ABN

84 123 939 042

Quarter ended ("current quarter")

31 March 2011

### Consolidated statement of cash flows

Cash flows related to operating activities	Current quarter \$A'000	Year to date (9 months) \$A'000
1.1 Receipts from product sales and related debtors – Gold sales (Gold dore bars on hand at 31/03/2011 value \$420,000.)	688	688
1.2 Payments for (a) exploration & evaluation (b) development (c) production (d) administration	(3,450)	(8,194)
1.3 Dividends received	(1,064)	(1,064)
1.4 Interest and other items of a similar nature received	(592)	(1,652)
1.5 Interest and other costs of finance paid	23	146
1.6 Income taxes paid	(4)	(4)
1.7 Other (provide details if material)		
<b>Net Operating Cash Flows</b>	<b>(4,399)</b>	<b>(10,080)</b>
<b>Cash flows related to investing activities</b>		
1.8 Payment for purchases of: (a) prospects (b) equity investments (c) other fixed assets	(304)	(21)
1.9 Proceeds from sale of: (a) prospects (b) equity investments (c) other fixed assets		(2,276)
1.10 Loans to other entities		
1.11 Loans repaid by other entities	(3)	(10)
1.12 Other (provide details if material)		
<b>Net investing cash flows</b>	<b>(307)</b>	<b>(2,307)</b>
1.13 Total operating and investing cash flows (carried forward)	<b>(4,706)</b>	<b>(12,387)</b>

+ See chapter 19 for defined terms.

**Appendix 5B**  
**Mining exploration entity quarterly report**

1.13	Total operating and investing cash flows (brought forward)	(4,706)	(12,387)
	<b>Cash flows related to financing activities</b>		
1.14	Proceeds from issues of shares, options, etc.	7,023	7,023
1.15	Proceeds from sale of forfeited shares		
1.16	Proceeds from borrowings	-	545
1.17	Repayment of borrowings	(545)	(545)
1.18	Dividends paid		
1.19	Other (provide details if material) Costs of capital raising	(550)	(765)
	<b>Net financing cash flows</b>	<b>5,928</b>	<b>6,258</b>
	<b>Net increase (decrease) in cash held</b>	<b>1,222</b>	<b>(6,129)</b>
1.20	Cash at beginning of quarter/year to date	810	8,161
1.21	Exchange rate adjustments to item 1.20		
1.22	<b>Cash at end of quarter</b>	<b>2,032</b>	<b>2,032</b>

**Payments to directors of the entity and associates of the directors**  
**Payments to related entities of the entity and associates of the related entities**

		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	216
1.24	Aggregate amount of loans to the parties included in item 1.10	N/A

1.25 Explanation necessary for an understanding of the transactions

Salaries and payments made for consulting services to directors and director related companies.

**Non-cash financing and investing activities**

2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

N/A

2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

N/A

**Financing facilities available**

+ See chapter 19 for defined terms.

**Appendix 5B**  
**Mining exploration entity quarterly report**

*Add notes as necessary for an understanding of the position.*

	Amount available \$A'000	Amount used \$A'000
3.1 Loan facilities	N/A	
3.2 Credit standby arrangements	N/A	

**Estimated cash outflows for next quarter**

	\$A'000
4.1 Exploration and evaluation	1,350
4.2 Development	-
4.3 Production	(205)
4.4 Administration	500
<b>Total</b>	<b>1,645</b>

**Reconciliation of cash**

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.	Current quarter \$A'000	Previous quarter \$A'000
5.1 Cash on hand and at bank	2,032	810
5.2 Deposits at call		
5.3 Bank overdraft		
5.4 Other (provide details)		
<b>Total: cash at end of quarter (item 1.22)</b>	<b>2,032</b>	<b>810</b>

NOTE: Gold production continued through April and a gold shipment of 15,590 gms, value to Bassari of approximately, \$630,000, was made to refiners in France on 27 April 2011.

+ See chapter 19 for defined terms.

### Changes in interests in mining tenements

	Tenement reference	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
6.1	Interests in mining tenements relinquished, reduced or lapsed			
6.2	Interests in mining tenements acquired or increased			

### Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

	Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1	<b>Preference securities</b> (description)			
7.2	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs, redemptions			
7.3	<b>+Ordinary securities</b>	234,097,128	234,097,128	
7.4	Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs	58,524,282	58,524,282	12 cents Fully paid
7.5	<b>+Convertible debt securities</b> (description)			

---

+ See chapter 19 for defined terms.



7.6	Changes during quarter (a) Increases through issues (b) Decreases through securities matured, converted				
7.7	<b>Options</b> (description and conversion factor)	19,508,101 3,500,000 1,000,000	19,508,101 Nil Nil	<i>Exercise price</i> 20 cents 45 cents 30 cents	<i>Expiry date</i> 30-06-2012 31-01-2013 31-12-2013
7.8	Issued during quarter	19,508,101 1,000,000	19,508,101 Nil	20 cents 30 cents	30-06-2012 31-12-2013
7.9	Exercised during quarter	-	-	-	-
7.10	Expired during quarter	-	-	-	-
7.11	<b>Debentures</b> (totals only)				
7.12	<b>Unsecured notes</b> (totals only)				

## Compliance statement

- 1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 4).
- 2 This statement does give a true and fair view of the matters disclosed.



Sign here:

(Company Secretary)

Date: 29 April 2011

Print name: Ian Riley

## Notes

- 1 The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.

+ See chapter 19 for defined terms.

## Appendix 5B Mining exploration entity quarterly report

---

- 2 The “Nature of interest” (items 6.1 and 6.2) includes options in respect of interests in mining tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- 4 The definitions in, and provisions of, *AASB 1022: Accounting for Extractive Industries* and *AASB 1026: Statement of Cash Flows* apply to this report.
- 5 **Accounting Standards** ASX will accept, for example, the use of International Accounting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.

== == == == ==