BAOBAB RESOURCES Plc

27/28 Eastcastle Street London W1W 8DH United Kingdom

BAOBAB MINING SERVICES Pty Ltd

Unit 25 South Terrace Piazza Fremantle Western Australia 6160 Australia Post: PO Box 1229 Fremantle Western Australia 6959 Australia Tel: (+61) 8 9430 7151 | Fax: (+61) 8 9430 7664 | Web: www.baobabresources.com AIM : BAO

SOUTH ZONE DRILL RESULTS:



CONTINUING TO DELINEATE SUBSTANTIAL MAGNETITE MINERLISATION

22nd FEBRUARY 2011

Baobab Resources plc ('Baobab' or the 'Company'), the iron ore, base and precious metals explorer with a portfolio of mineral projects in Mozambique, is pleased to present an update on the exploration activities currently underway at the Tete iron/vanadium/titanium project.

Highlights:

 Analytical results have been returned from a three hole RC (reverse circulation) drilling cross section located in Block 1, the southernmost portion of the South Zone prospect. A broad, 140m wide, body of heavily mineralised magnetite is being delineated. (Refer to Tables 1 & 2 below for details).

• Mineralised intercepts reported best concentrate grades of:

TRC0031 – two significant intercepts, totaling 59m, including: 25m @ 64.0% Fe, 0.65% V_2O_5 and 32.3% mass recovery from 32m

TRC0032 – three significant intercepts, totaling 38m, including: 20m @ 65.2% Fe, 0.65% V_2O_5 and 28.6% mass recovery from surface and 16m @ 64.7% Fe, 0.71% V_2O_5 and 31.2% mass recovery from 65m

TRC0033 – five significant intercepts, totaling 76m, including: 15m @ 60.1% Fe, 0.74% V_2O_5 and 29.7% mass recovery from 48m and 48m @ 60.0% Fe, 0.59% V_2O_5 and 47.1% mass recovery from 91m

• Results from the next Block 1 section expected to become available within the next two weeks. Current drilling continues to delineate substantial mineralisation to the north.

Mr Ben James, Baobab's Managing Director, said: *"Block 1 is demonstrating excellent continuity between completed drill sections with current work programmes pushing the model out to the north.*

"We are pleased to advise shareholders that all areas drilled to date have delineated substantially wider zones of mineralisation than anticipated. Following earlier positive results, Baobab's exploration management team has designed an expansion drilling programme to test continuations of the ore zones," Mr James said. "The Company recommenced drilling in early February and intends to have 3 RC rigs set to be operational by the end of the month."

Step-out RC Drilling Programme – South Zone Prospect (Massamba Group)

Due to the significant widths and interpreted lateral continuity of mineralisation at the South Zone, the prospect has been prioritised for step-out reverse circulation (RC) drilling. The programme is systematically assessing a sequence of seven mineralised zones (Blocks 1 to 7) over a strike length of some 2km, drilling on traverses spaced 100m apart.

A total of 50 RC drill holes have been planned for a combined meterage of 7,000m. Drilling commenced in August and to date thirty three holes have been completed for an aggregate total of approximately 4,500m. All areas drilled to date have delineated substantially wider zones of mineralisation than anticipated. Baobab's exploration management team has designed an expansion drilling programme, representing an additional 4,000m, to test the down dip and along strike continuations of the ore zones.

Due to the early onset of the wet season in Mozambique, the Company was obliged to suspend drilling operations in mid-December 2010. Drilling recommenced on 9 February with two RC rigs currently on site and a third mobilising this week.

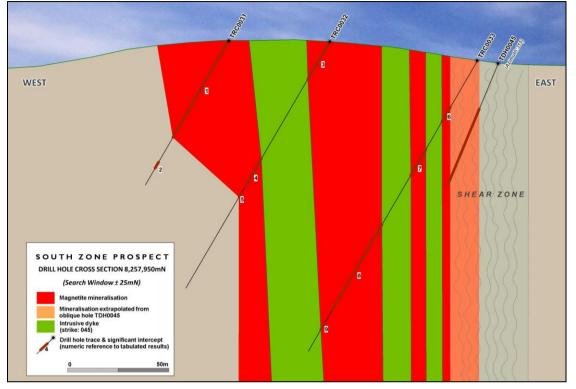


DIAGRAM 1: South Zone 8,257,950mN Cross Section

The first nine RC holes were drilled in Block 3 and tested the along strike continuations of mineralisation intersected in scout diamond drill hole TDH0019 over five cross sections. Analytical results from these drill holes were announced to the market on 20 October and 8 November 2010. Due to mechanical issues, drill holes TRC0006 to 9 did not reach their target depths (TRC0007 and 8 ended in mineralisation). These four drill holes will be re-drilled, at the operator's expense, in due course and updated intercepts will be reported as soon as they become available.

Please note that drill holes have not been drilled in sequence, consequently there are gaps in the hole numbering.

Drilling in Block 7, the northern most target area, over three east-west cross sections and an oblique cross section has intersected a stacked, 200m wide sequence of moderately to steeply dipping, heavily mineralised packages over a strike length of more than 300m. Mineralisation remains open both down dip and along strike with potential parallel lodes to the east. Please refer to announcements dated 30 November 2010, 17 and 26 January 2011.

Drilling over two cross sections in the southern limit of the South Zone prospect (Block 1) has a delineated broad, c.140m wide, zone of vertically dipping magnetite mineralisation. The lode is oriented north-south and is cross cut by northeast striking dolerite dykes. Results from the southernmost section are presented below. Further results from this area are expected to become available within the next two weeks. Current drilling in Block 1 continues to delineate substantial magnetite-ilmenite mineralisation to the north.

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						Davis Tube Recovery (DTR) Product					7		
HOLEID	Depth	Depth		Fe	Mass	Fe	V2O5	TiO2	Al2O3	Р	S	SiO2	Sec
	From	То	Length	Head	Recovery	Conc	Conc	Conc	Conc	Conc	Conc	Conc	Section Reference
	(m)	(m)	(m)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	P
TRC0031	2	57	55	42.4	20.4	59.9	0.63	4.76	1.76	0.002	0.075	0.68	1
including:	32	57	25	38.1	32.3	64.0	0.65	5.60	1.83	0.001	0.102	0.73	
TRC0031	69	73	4	15.2	12.7	68.6	0.59	1.89	1.32	<0.001	0.004	0.72	2
TRC0032	0	20	20	38.7	28.6	65.2	0.65	2.64	1.19	0.002	0.003	0.59	3
TRC0032	65	81	16	35.2	31.2	64.7	0.71	4.76	2.83	<0.001	0.217	0.73	4
TRC0032	85	87	2	15.4	10.4	65.2	0.66	4.02	2.52	<0.001	0.223	0.85	5
TRC0033	0	1	1	22.9	12.7	65.6	0.71	4.17	1.82	0.012	0.006	0.75	
TRC0033	25	33	8	32.0	19.2	65.7	0.77	3.30	1.62	0.014	0.004	1.36	6
TRC0033	48	63	15	33.1	29.7	60.1	0.74	9.45	4.17	0.004	0.161	1.34	7
TRC0033	91	139	48	39.7	47.1	60.0	0.59	10.76	3.45	<0.001	0.197	0.75	8
TRC0033	147	151	4	20.2	15.9	63.5	0.71	3.70	3.28	<0.001	0.644	1.60	9

TABLE 1:South Zone 8,257,950mN Section Drilling Results: Significant Intercepts

Sample preparation at 1m composite intervals was completed by ACT-UIS laboratories in Tete, Mozambique prior to despatch to ALS Chemex laboratories in Perth, Western Australia for further compositing (maximum composite length of 4m) and Davis Tube Recovery (DTR) analysis (conducted at a 38µm fraction and 3000G). Head and magnetic concentrate sub-samples were analysed by X-ray Fluorescence Spectrometry (XRF). All values are calculated as weighted averages over the reported interval. Maximum length of internal dilution = 6m. Only intervals with a calculated mass recovery of >10% are presented. Interval lengths are measured down-hole and should not be interpreted as true width.

TABLE 2:South Zone 8,257,950mN Section Drill Hole Location Details

HOLEID	TOTAL DEPTH (m)	EAST (m)	NORTH (m)	RL (m)	AZIMUTH (Deg)	DIP (Deg)
TRC0031	82	571422	8257951	369	270	-60
TRC0032	138	571470	8257953	369	270	-60
TRC0033	163	571520	8257950	361	270	-60

Coordinate system WGS84 UTM zone 36S.

Tete Project – Overview

The Tete Project, covering an area of 632km², is located immediately north of the provincial capital of Tete and shares licence boundaries with Vale and Riversdale's mega coal projects. The project is strategically located to access abundant, low tariff hydro-electric power from existing and developing schemes on the Zambezi River. The ports of Beira and Nacala are being refurbished, as are the rail corridors through to Tete.

The project contains two areas of magnetite-ilmenite mineralisation; the Singore area to the south and the Massamba Group trend in the north. The 8km long Massamba Group trend is composed of a series of five prospects (Chitongue Grande, Pequeno, Caangua, Chimbala and South Zone) that have experienced little or no historical exploration.

The Company commenced exploration initiatives in mid 2008 and has focused its efforts to date on the Massamba Group area. The Singore area remains largely untested, but highly prospective (refer to announcement dated 28 January 2010 for results to date).

Work completed by the Company during 2009 culminated in the estimation of a 47.7mt maiden Inferred Mineral Resource over a 500m portion of the Chitongue Grande prospect and a 400mt to 700mt Exploration Target over the broader Massamba Group area. Independent scoping metallurgical studies and financial modelling indicate positive project economics in the production of high quality magnetite (iron and vanadium) and ilmenite (titanium) concentrate commodities (refer to announcements dated 24 September 2009, 29 September 2009 and 8 October 2009).

A scout drilling programme, designed to assess the Chimbala and South zone prospects of the Massamba Group trend, has been completed for an aggregate total of approximately 7,500m. The purpose of the campaign has been two-fold: to improve confidence in the Company's Exploration Target and to clarify geological domains for continued metallurgical test-work. For detailed information on the scout drilling programme, please refer to announcements dated 1 February, 19 February, 17 May, 11 June, 15 July, 12 August, 2 September and 20 October 2010.

Baobab has entered into a strategic partnership with International Finance Corporation (IFC), the commercial arm of the World Bank, at both the corporate and project equity levels.

The information in this release that relates to Exploration Results is based on information compiled by Managing Director Ben James (BSc). Mr James is a Member of the Australasian Institute of Mining and Metallurgy, is a Competent Person as defined in the Australasian Code for Reporting of exploration results and Mineral Resources and Ore Reserves, and consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

A COPY OF THIS ANNOUNCEMENT AND CROSS SECTION IS AVAILABLE FOR DOWNLOAD FROM THE COMPANY'S WEBSITE www.baobabresources.com

For Further Information please contact: Baobab Resources plc Ben James: Managing Director	Tel: +61 (0)8 9430 7151
Baobab Resources plc Jeremy Dowler: Chairman	Tel: +44 (0)1372 450529
Strand Hanson James Harris / Angela Peace	Tel: +44 (0)20 7409 3494
Northland Capital Partners Charles Vaughan / Gavin Burnell	Tel: +44 (0)20 7492 4763
Fortbridge Consulting Matt Beale	Tel: +44 (0)7966 389 196