



ASX/ RELEASE

28 October 2016

ASX code "RVY"

Board of Directors:

Geoff Gilmour
Managing Director

Greg Cunnold
Technical Director

Graeme Clatworthy
Non-Executive Director

Akram Aziz
Non-Executive Director

Tel +61 8 9221 00 90
Fax +61 8 9221 00 95

ABN 86 121 985 395

QUARTERLY ACTIVITIES REPORT

For the Period Ending 30 September 2016

HIGHLIGHTS

TANZANIA 100%

MIYABI GOLD PROJECT

- **RESOURCE EXTENSION DRILLING INTERSECTIONS INCLUDED**
 - **MBRC429 - 13m @ 12.01g/t from 163m**
 - **Including – 5m @ 24.91g/t**
 - **MBRC431 - 11m @ 3.2g/t from 98m**
 - **Including - 7m @ 4.71g/t**
 - **MBRC 440 - 18m @ 2.71 g/t Au from 78m**
 - **Including - 3m @ 11.2 g/t Au**
- **NEW REGIONAL TARGETS TESTED**
- **DRILLING PROGRAMME CONTINUES**

KITONGO GOLD PROJECT

- **DRILLING PROGRAMME PREPARED**

ANGOLA 70%

OZANGO PROJECT

- **DESKTOP STUDY FOR LONGONJO RARE EARTHS PROJECT**
- **STREAM SEDIMENT PROGRAMME PROGRESSING**

TANZANIA

MIYABI GOLD PROJECT, (RIFT VALLEY 100%)

During the quarter, reverse circulation (RC) drilling continued at the company's 100% owned Miyabi Gold Project in Tanzania.

Drilling commenced late in the June quarter with the primary aim of testing the strike extents of gold mineralisation delineated at Dalafuma and Dalafuma West in the previous campaign. Drilling tested over 250 metres of strike and some depth extensions of the higher tenor gold mineralization (Figure 1). After a brief hiatus in August due to the slow turnaround of assay results, drilling continued through the end of the reporting period.



At Dalafuma, strong tenor gold mineralization was encountered to the east of the known resource and mineralization remains open. Drilling at Dalfuma North west has extended that zone some 50 meters west, where it remains open. Both zones are open at depth over their entirety but drill targeting is focussed on the shallower resources at this stage. A drill-hole location plan and type cross section detailing the new drill intersections, in context with previous drilling and resource boundaries, is presented below.

Some 2297 meters were drilled in 16 holes during the quarter, bringing the campaign total to 30 holes for an advance of 4328 meters. Later significant intersections pertain to 3 metre composite samples. Where subsequent 1 metre re-splits have been returned during the quarter, however, these are reported in their stead. (Table 1).

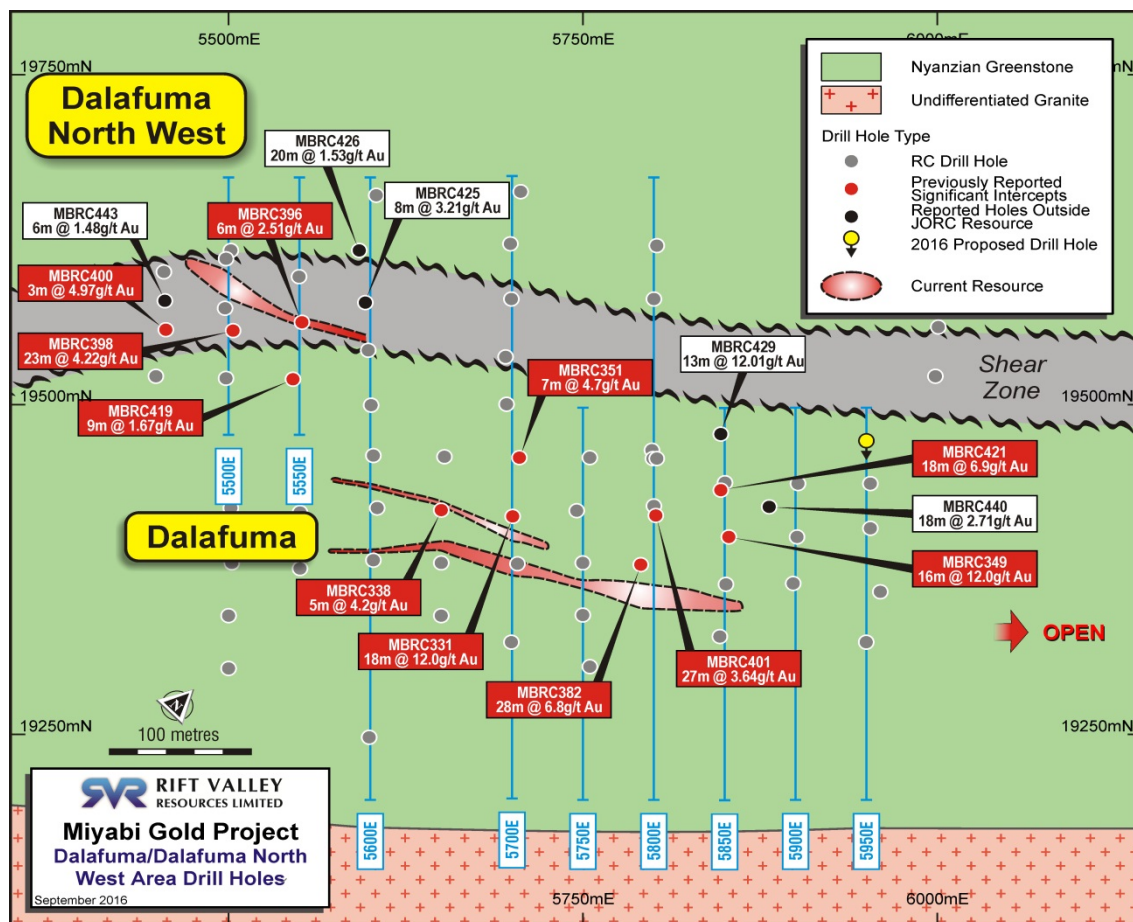


Figure 1. Drill hole location plan – Dalafuma/Dalafuma North West.

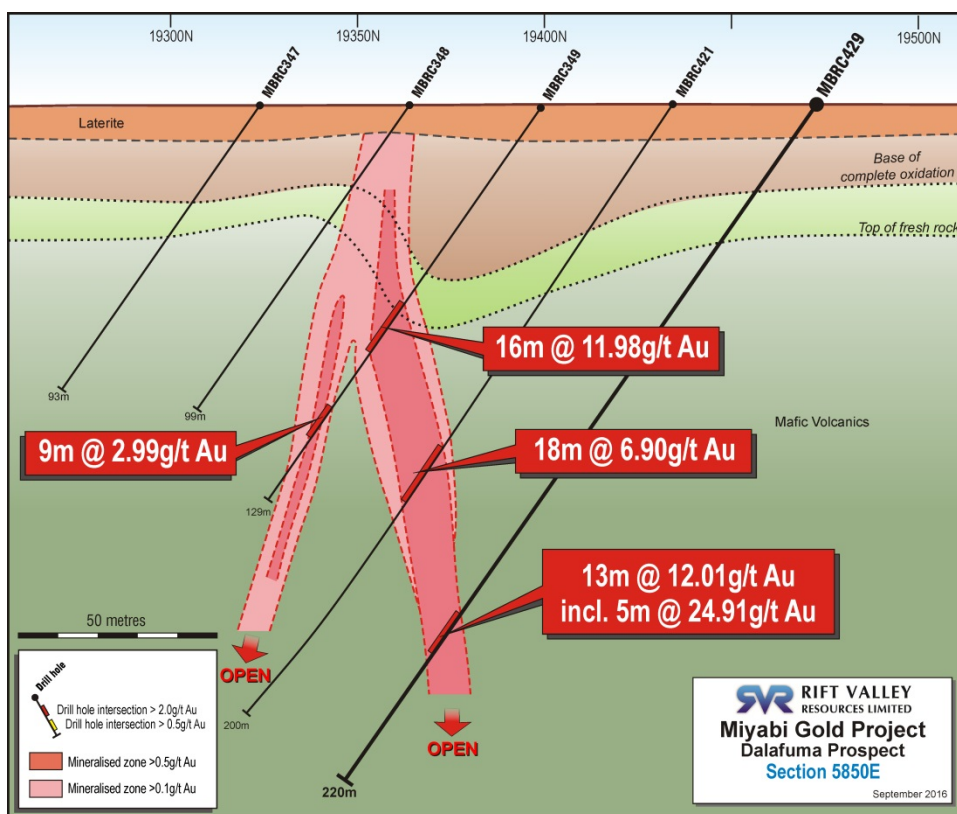


Figure 2. Drill Section 5850E – Dalafuma

3m Composite - Miyabi Significant Intercepts 2016 Drilling : > 0.5 ppm Au											
Project	Prospect	SiteID	East	North	RL	Dip	Azim	Depth	Depth	Width	Intercept
								From	To		
Miyabi	Dalafuma NW	MBRC440	402462	9577938	1191	-53	128	78	96	18	18.0m @ 2.71ppm Au
Miyabi	Dalafuma NW	MBRC441	402222	9577921	1193	-53	135				NSA
Miyabi	Dalafuma NW	MBRC442	402250	9577887	1193	-55	135	69	72	3	3.0m @ 0.74ppm Au
Miyabi	Dalafuma NW	MBRC443	402050	9577747	1193	-53	315	30	36	6	6.0m @ 1.48ppm Au
Miyabi	Chui	MBRC444	401415	9577237	1186	-54	180	21	24	3	3.0m @ 2.31ppm Au
Miyabi	Chui	MBRC444	401415	9577237	1186	-54	180	93	96	3	3.0m @ 2.22ppm Au
1m Re-Splits - Miyabi Significant Intercepts 2016 Drilling : > 0.5 ppm Au											
Project	Prospect	SiteID	East	North	RL	Dip	Azim	Depth	Depth	Width	Intercept
								From	To		
Miyabi	Dalafuma NW	MBRC423	402209	9577794	1194	-55	135	21	22	1	1.0m @ 0.51ppm Au
Miyabi	Dalafuma NW	MBRC423	402209	9577794	1194	-55	135	27	30	3	3.0m @ 0.62ppm Au
Miyabi	Dalafuma NW	MBRC424	402178	9577822	1193	-55	135	52	54	2	2.0m @ 0.74ppm Au
Miyabi	Dalafuma NW	MBRC424	402178	9577822	1193	-55	135	70	71	1	1.0m @ 0.83ppm Au
Miyabi	Dalafuma NW	MBRC425	402151	9577846	1194	-55	135	50	52	2	2.0m @ 0.61ppm Au
Miyabi	Dalafuma NW	MBRC425	402151	9577846	1194	-55	135	78	80	2	2.0m @ 2.83ppm Au
Miyabi	Dalafuma NW	MBRC425	402151	9577846	1194	-55	135	84	92	8	8.0m @ 3.21ppm Au
Miyabi	Dalafuma NW	MBRC425	402151	9577846	1194	-55	135	97	99	2	2.0m @ 0.73ppm Au
Miyabi	Dalafuma NW	MBRC426	402120	9577871	1194	-55	135	48	68	20	20.0m @ 1.53ppm Au
Miyabi	Dalafuma NW	MBRC426	402120	9577871	1194	-55	135	72	73	1	1.0m @ 1.54ppm Au
Miyabi	Dalafuma NW	MBRC427	402276	9577862	1194	-53	135	20	21	1	1.0m @ 0.85ppm Au
Miyabi	Dalafuma	MBRC428	402378	9577906	1193	-55	135	145	147	2	2.0m @ 0.59ppm Au
Miyabi	Dalafuma	MBRC428	402378	9577906	1193	-55	135	157	160	3	3.0m @ 0.71ppm Au
Miyabi	Dalafuma	MBRC429	402399	9577953	1194	-54	135	163	176	13	13.0m @ 12.01ppm Au
Miyabi	Dalafuma NW	MBRC430	402099	9577909	1194	-55	135				NSA
Miyabi	Dalafuma NW	MBRC431	402122	9577736	1191	-55	315	87	93	6	6.0m @ 1.17ppm Au
Miyabi	Dalafuma NW	MBRC431	402122	9577736	1191	-55	315	98	109	11	11.0m @ 3.20ppm Au
Miyabi	Dalafuma NW	MBRC431	402122	9577736	1191	-55	315	139	140	1	1.0m @ 0.59ppm Au
Miyabi	Dalafuma NW	MBRC432	402192	9577950	1194	-55	135				NSA
Miyabi	Dalafuma NW	MBRC433	402169	9577983	1194	-55	135				NSA
Miyabi	Dalafuma NW	MBRC434	402293	9577992	1197	-55	135				NSA
Miyabi	Dalafuma NW	MBRC435	402266	9578022	1199	-55	135	128	129	1	1.0m @ 0.80ppm Au
Miyabi	Dalafuma NW	MBRC436	401922	9577719	1192	-55	135				NSA
Miyabi	Dalafuma NW	MBRC437	401894	9577749	1192	-55	135				NSA
Miyabi	Miyabi	MBRC438	402386	9577615	1191	-55	315				NSA
Miyabi	Miyabi	MBRC439	401940	9578055	1193	-55	135				NSA

Table 1

Note: Lower cut 0.5ppm. Upper cut none. Maximum contiguous waste 3m (composites).

KITONGO GOLD PROJECT, TANZANIA (RIFT VALLEY 100%)

There was no exploration activity at Kitongo during the quarter. Geophysical interpretation and database migration programmes, completed during the previous quarter on the Kitongo project, facilitated drill planning and preparation. Proposed drill sites have been inspected and drilling contracts negotiated with a view to drilling during the coming quarter, weather permitting. The previous drilling campaign intersected encouraging gold mineralisation, emphasising the potential to expand the resources at Kitongo (ASX release 7 Aug 2015). Better intersections from that drilling included:

12m @ 2.22g/t from 66m in KTRC263
9m @ 1.54g/t from 60m in KTRC266

The results are along strike to the north of previously announced intersections from the 2014 program which included:

21m @ 2.68g/t from 12m in KTRC259
18m @ 1.55g/t from 51m in KTRC260

An estimated 1000m of strike potential exists to the north with anomalous mineralisation in shallow RAB holes suggesting that the zone continues until it joins the Isenghenge prospect illustrated below (figure 3). Importantly, the mineralisation remains open further to the north where previous, shallow geochemical drilling has defined anomalous mineralisation to the north toward the Isenghenge prospect. Further drilling is required to properly test the potential of this zone. The planned programme would utilize approximately 1100m of RC drilling to test the drawn hypothesis.

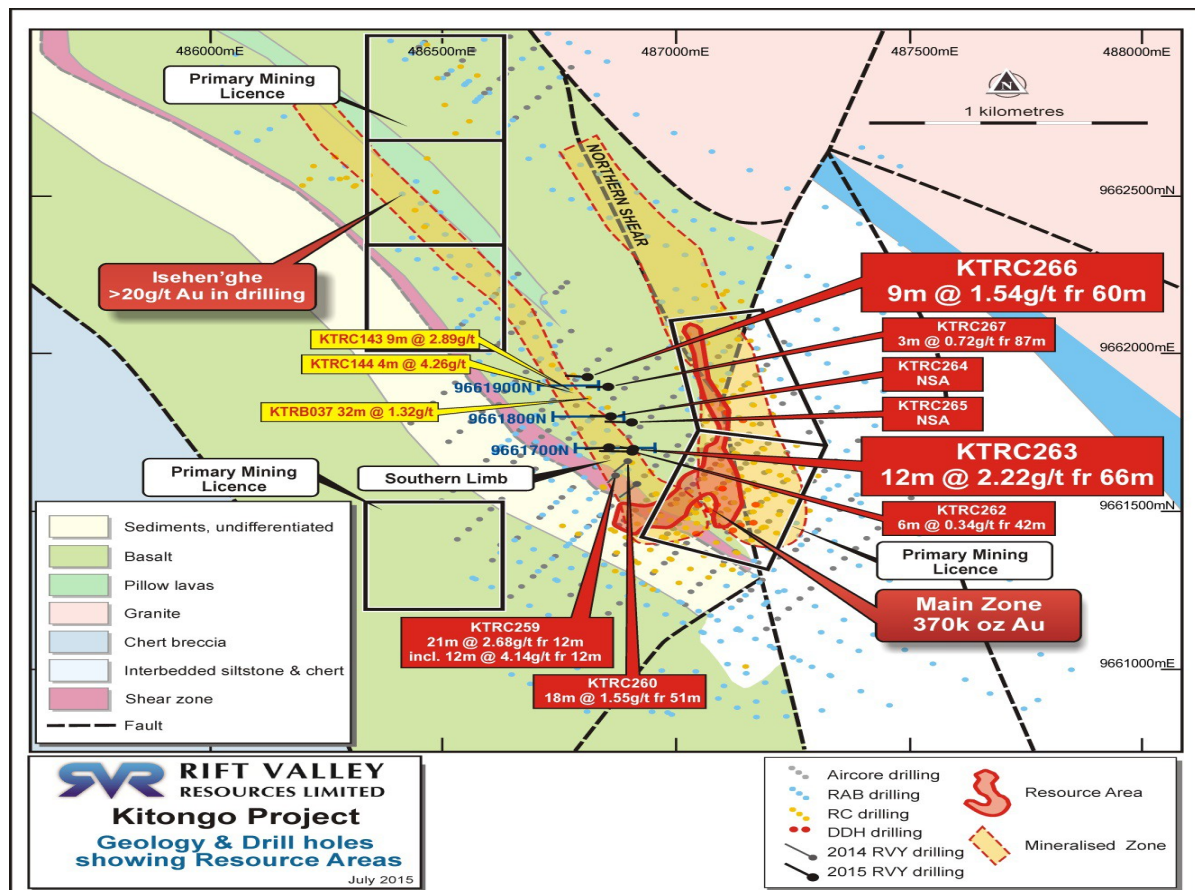


Figure 3. Kitongo Prospect area with drilling, geology and resource boundary

ANGOLA

OZANGO CONCESSION

A concession wide stream sediment program continued over the Ozango project during the quarter. This first pass will collect over 600 samples to complete a geochemical screen over the 3,762km² concession on a nominal 5km² catchment area. An ultrafine (-63 µm) sample is being collected at site and submitted for multi element analysis, as received. Sampling has been prioritized to target structures and deformation zones, interpreted from satellite imagery, in the initial stages before completing the remainder of the project area.

LONGONJO RARE EARTH PROSPECT

During the previous quarter, metallurgical test work advanced the prospectivity of the Longonjo prospect. High value Neodymium and Praseodymium both achieved a four times upgrade of the calculated head sample. Leach results confirmed Sulfuric Acid Bake and Water Leach achieved 89% extraction of Neodymium and Praseodymium. A desk top study was initiated during the September quarter. The study is using the parameters determined from the metallurgical studies, in conjunction with industry standard mining and processing costs, to assess the economics of the project in the current market. The study will be completed and reported in the December quarter.

CORPORATE

Securities in the Company as at 30 September 2016 was as follows:

- 593,978,280 fully paid ordinary shares
- 45,355,000 unlisted options exercisable at \$0.06 expiring 27 July 2018
- 32,500,000 unlisted options exercisable at \$0.035 expiring 5 May 2018
- 4,350,000 performance rights

Unaudited Cash as at 30 September 2016 was \$0.495m

ENDS

For further information please contact:

Geoff Gilmour
Managing Director

Rift Valley Resources Limited
Tel +61 8 9221 0090
Fax +61 8 9221 0095
info@riftvalleyresources.com.au

COMPETENT PERSON STATEMENT

We advise in accordance with Australian Stock Exchange Limited Listing Rules 5(6) that the exploration results contained within this report is based on information compiled by Mr. Greg Cunbold who is a member of the Australian Institute of Mining and Metallurgy. Mr Cunbold is an employee of Rift Valley Resources Ltd and has consented in writing to the inclusion in this ASX Release of matter based on the information so compiled by him in the form and context in which it appears. Mr Cunbold has sufficient experience relevant to the style of mineralisation and type of deposit under consideration to be qualified as a Competent Person as defined by the 2012 Edition of the "Australian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves".

Tenement Information as at 30 September 2016

Country	Project Name	License Name	License no.	% Held at 30 June 2016	Change	% Held at 30 Sept 2016
Tanzania	Kitongo	Ugambilo East	PL8441/2012	100%	-	100%
	Kitongo	Butonyongo Hill West	PL8699/2012	100%	-	100%
	Kitongo	Mwasato Hill West	PL9740/2014	100%	-	100%
	Kitongo	Busongo Court	PL9741/2014	100%	-	100%
	Kitongo	Kitongo West	PL10655/2015	100%	-	100%
	Kitongo	Ugambilo North	PL6385/2010	100%	-	100%
	Kitongo	Mwagimagi	PL6499/2010	100%	-	100%
	Kitongo	Mwamazengo SE (2)	PL6543/2010	100%	-	100%
	Kitongo	Mwamazengo South (2)	PL6631/2010	100%	-	100%
	Kitongo	Ugambilo	PL10067/2014	100%	-	100%
	Kitongo	Kitongo	PL10068/2014	100%	-	100%
	Kitongo	Mwamazengo	PL10069/2014	100%	-	100%
	Kitongo	Isengwa Hills North	PL10060/2014	100%	-	100%
	kitongo	Busongo Northeast	PL10065/2014	100%	-	100%
	Kitongo	Gulumungu	PL10656/2015	100%	-	100%
	Kitongo	Ntalebujika	PL10660.2015	100%	-	100%
	Miyabi	Miyabi Dyke	PL8933/2013	100%	-	100%
	Miyabi	Miyabi Northwest West	PL9696/2014	100%	-	100%
	Miyabi	Miyabi North	PL/11026/2008	100%	-	100%
	Miyabi	Miyabi Airport New	PL10556/2015	100%	-	100%
	Miyabi	Miyabi Northwest	PL5115/2008	100%	-	100%
	Miyabi	Miyabi Airport	PL6593/2010	100%	-	100%
	Nyang'ombe	Nyang'ombe BEAL	PL6502/2010	100%	-	100%
	Mtemi	Buziba, Geita	8391/2012	100%	-	100%
	Mtemi	Mwamazengo, Misungwi	8148/2013	100%	-	100%
	Mtemi	Mwamazengo, Misungwi	6630/10	100%	-	100%
	Mtemi	Mwamazengo, Misungwi	6542/2010	100%	-	100%
Angola	Ozango	Ozango Minerais SA	Nº013/03/09/T.P/A NG-MGM/2015	70%	-	70%