



# QUARTERLY ACTIVITIES REPORT

For the Period Ending 30 September 2015

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## ASX RELEASE

29 October 2015

ASX code "RVY"

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## HIGHLIGHTS

### TANZANIA

- Miyabi Project – maiden resource at Dalafuma.
  - A1.2Mt at 4.1 g/t Au for 167,000 oz.
  - Project resource now stands at 704,000 oz.
- Kitongo Project – drill programme completed.
  - 12m at 2.22 g/t Au from 66m.
  - 9m at 1.54 g/t Au from 60m.

### ANGOLA

- Longonjo Rare Earth Prospect – metallurgical test-work.
  - Beneficiation produces a 19.44% REO concentrate.
  - Greater than 3 times upgrade head sample.
- Concession wide stream sediment program underway.
- Cassenha Hill Cu/Au prospect – Drilling preparations complete.

## MIYABI PROJECT, TANZANIA (RIFT VALLEY 100%)

Following on from the drilling results released during the June quarter, a maiden resource estimate for the high grade Dalafuma deposit at Miyabi was prepared. The Mineral Resource is 167,000 oz. at a grade of 4.1g/t as summarised below:

### Dalafuma 2015 Mineral Resource Estimate

Classification	Tonnes	Au g/t	Au Ounces
Indicated	540,000	5.4	94,000
Inferred	724,000	3.1	73,000
<b>Total</b>	<b>1,265,000</b>	<b>4.1</b>	<b>167,000</b>

The high grade zones at Dalafuma (figure 1) remain open in several areas and further drilling is planned to expand the defined resource.

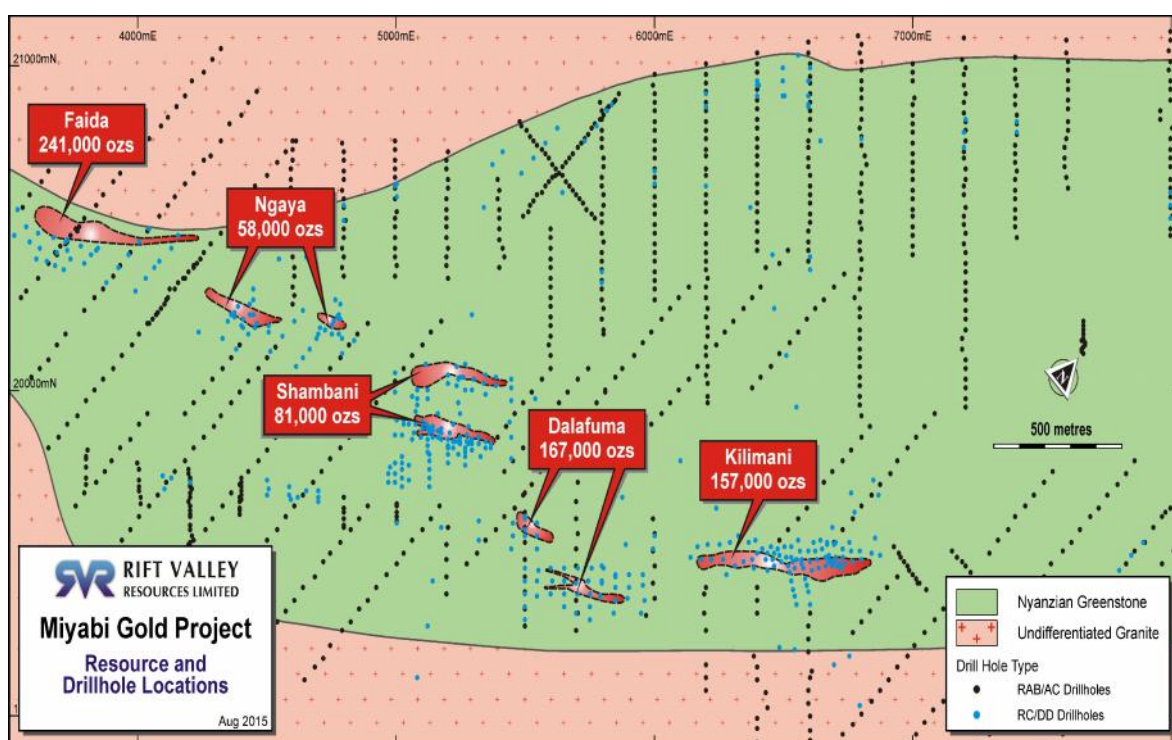


Figure 1: Miyabi Mineral Resources

The previously defined deposits at the project were also re-estimated to allow reporting under JORC 2012 guidelines.

The Miyabi project (figure 2) now comprises over 700,000oz as summarised below:

- Total Mineral Resource 14.3Mt at 1.5g/t Au for 704,000oz
- Indicated Mineral Resources of 7.1Mt at 1.7g/t for 387,000oz
- Inferred Mineral Resources of 7.3Mt at 1.4g/t for 317,000oz
- Includes five deposits within a 3.5km strike extent

All deposits extend close to surface and have excellent potential for open pit mining.

Substantial areas remain open with good potential for extensions to the defined Mineral Resources.

The geological understanding gained from the Dalafuma discovery has allowed company geologists to re-evaluate previous work carried out throughout the entire project area and a number of high priority targets have been identified for further drilling. These include extensions to existing resources as well as strong gold anomalies within

previous geochemical sampling programs. The significance of up to 10m of barren transported ferricrete over these target areas was not previously understood and many prospective parts of the project have been tested with either soil sampling or 9-11m deep RAB drill holes, neither of which would have been effective.

The company is continuing assessment of available geophysical and geological data to allow a more regional exploration plan to be developed. This will lead to additional drilling at the project, planned for the coming quarter.

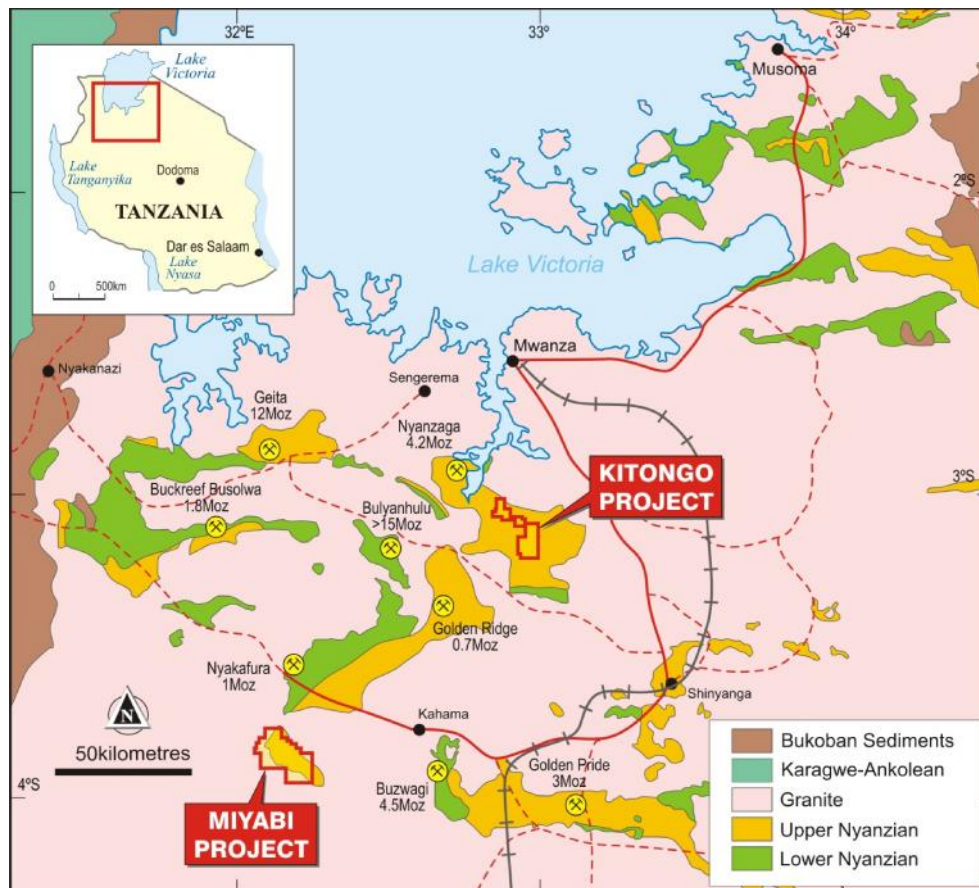


Figure 2: Rift Valley project location plan

### KITONGO PROJECT, TANZANIA (RIFT VALLEY 100%)

During the quarter a short RC drilling program carried out at the Kitongo project (fig 1) intersected additional gold mineralisation. The six hole program was designed to follow up the strong Southern Limb mineralisation intersected in the previous Rift Valley drilling. Better intersections from the new drilling include:

- 12m at 2.22g/t from 66m in KTRC263
- 9m at 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 at 2.68g/t from 12m in KTRC259
- 18m at 1.55g/t from 51m in KTRC260

The new drilling was carried out on 100m spaced sections along strike to the north of the previous Rift Valley drilling. The results confirm that the Southern Limb gold mineralised zone does continue to the north with two of the three sections intersecting resource grade mineralisation.

A further 1000m of strike potential exists to the north with anomalous mineralisation in shallow RAB holes suggesting that the zone continues until it joins the Isengehenge prospect illustrated below (figure 3).

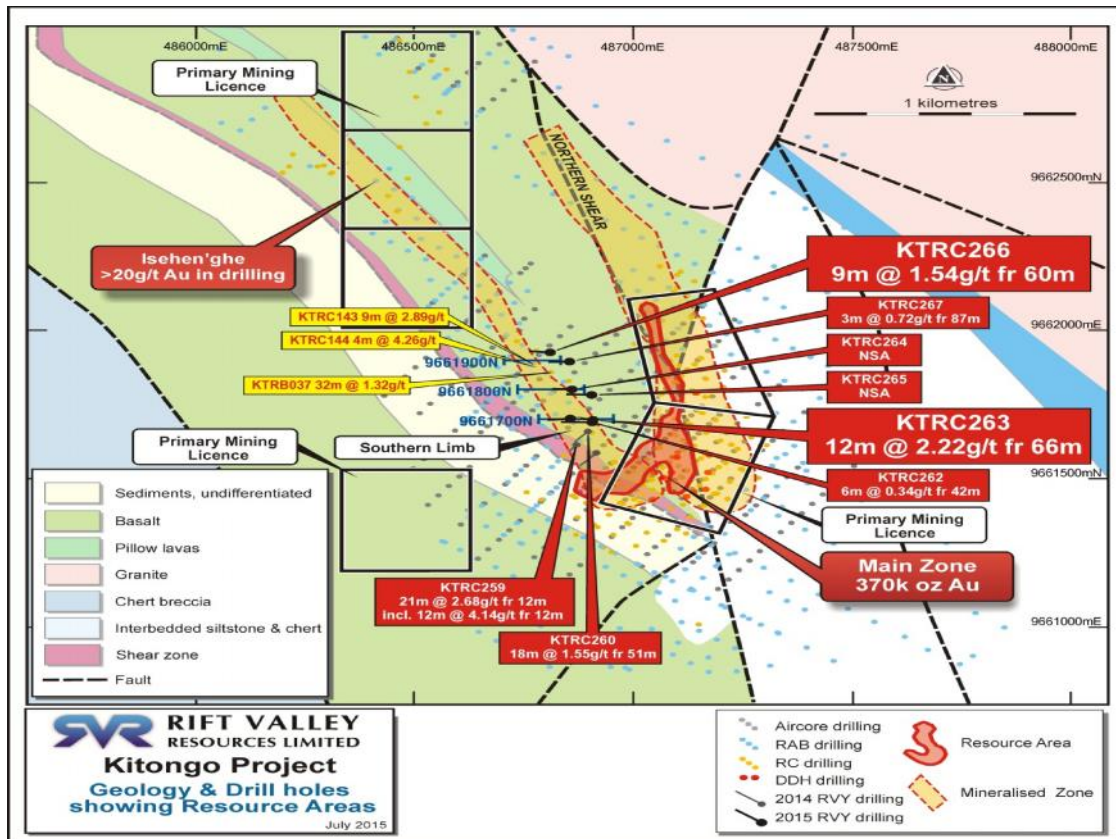


Figure 3: Kitongo Prospect area with drilling, geology and resource boundary

Importantly, the mineralisation remains open further to the north where previous, shallow geochemical drilling has defined anomalous mineralisation for at least a further 1000m to the north to the Isengehenge prospect. Further drilling is required to properly test the potential of the zone. Significant intersections are tabulated below (table 1).

Table 1: Kitongo Drilling Results – July 2015

Collar Location and Orientation								Intersection > 0.5ppm Au			
Hole ID	Type	East	North	RL	Depth	Dip	Az	From (m)	To (m)	Length (m)	Au ppm
KTRC261	RC	486,903	9,661,698	1,220	46	-60	270	Abandoned			
KTRC262	RC	486,857	9,661,701	1,220	82	-60	270	NSA			
KTRC263	RC	486,902	9,661,691	1,220	118	-60	270	66	78	12	2.22
KTRC264	RC	486,860	9,661,800	1,220	82	-60	270	NSA			
KTRC265	RC	486,905	9,661,782	1,220	112	-60	270	NSA			
KTRC266	RC	486,810	9,661,924	1,220	91	-60	270	48	54	6	0.83
					And			60	69	9	1.54
					And			36	39	3	1.24
KTRC267	RC	486,857	9,661,895	1,220	100	-60	270	87	90	3	0.72
					And			45	48	3	0.62
					And			57	60	3	0.61
					And			75	78	3	0.82

Down hole widths are interpreted to be approximately equal true width.





*Figure 4 - drill rig at Kitongo*

## **OZANGO PROJECT, ANGOLA (RIFT VALLEY 70%)**

### **Longonjo Rare Earth Prospect**

Beneficiation test work was conducted during the June quarter on an oxidised surface composite from the Longonjo Rare Earth Elements Target. The composite head sample contained 6.47% Rare Earth Oxides (REO). Mineralogical test work has confirmed REO's are primarily hosted within monazite and various other complex minerals which may include secondary cerianite. XRD has indicated that bastnasite may be present in trace amounts although discrete bastnasite grains were not detected. Based on the highly oxidised nature of this composite it has been assumed that any bastnasite present would have been leached during the weathering process.



*Figure 5 - Trenching at Longonjo Rare Earth Prospect*

Initial beneficiation bench scale rougher kinetic flotation tests have resulted in a stage 1 rougher concentrate containing 19.44% REO which represents a >3 times upgrade. Beneficiation test work is continuing with the aim of improving both REO upgrades and recoveries. Upon the completion of beneficiation test work hydrometallurgical characterisation test work will be conducted on a beneficiated REO concentrate. The overall aim of this test work program is provide data which will enable an indicative financial model to be completed as input into a broad project evaluation.

### **Bongo Gold Prospect**

A concession wide stream sediment program has continued over the Ozango project for the quarter. This first pass will collect over 600 samples to complete a geochemical screen over the 3,762km<sup>2</sup> concession on a nominal 5km<sup>2</sup> 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. The Company expects to have a large enough sample population in the coming quarter to collate and interpret the geochemical responses and target areas for following up with tighter geochemical sampling and (or) mapping and rock chipping.

### **Cassenha Hill Copper Gold Prospect**

Preparations for the upcoming drilling program at the Cassenha Hill copper – gold prospect are well advanced. Fortunately, the local government has completed upgrading over 60 kilometers of road from the bitumen at Longonjo to Catabola with sheeted road. The remaining 16 kilometers has been widened and graded by the Rift Valley. In addition, the drill pads and access roads have been completed and the camp made ready for drilling in the coming quarter.



*Figure 6 – Drill pad refurbishment at Cassenha Hill Copper Gold Prospect*

Diamond drilling will target the depth extensions of high grade copper and gold intersections returned from costean sampling at surface, and channel sampling from within the exploration adits at Cassenha Hill.





*Figure 7 – View of Cassenha Hill Copper Gold Prospect*

**ENDS**

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Tenement Information as at 30 September 2015

Country	Project Name	License Name	License no.	% Held at 30 June 2015	Change	% Held at 30 Sept 2015
<b>Tanzania</b>	Kitongo	Mwamazengo South - Hasanet	HQ-P20825	100%	-100%	-
	Kitongo	Mwamazengo South	HQ-P22362	100%	-100%	-
	Kitongo	Ugambilo East	HQ-P22364	100%	-100%	-
	Kitongo	Kitongo West	HQ-P22428	100%	-100%	-
	Kitongo	Mwamazengo SE	HQ-P22557	100%	-100%	-
	Kitongo	Ugambilo East	HQ-P26791	100%	-100%	-
	Kitongo	Mwamazengo South	HQ-P26792	100%	-100%	-
	Kitongo	Mwamazengo South - Hasanet	PL2697	100%	-100%	-
	Kitongo	Kitongo West	PL3566	100%	-100%	-
	Kitongo	Mwamazengo South East	PL3616	100%	-100%	-
	Kitongo	Busongo North	PL4618	100%	-100%	-
	Kitongo	Mwamazengo	PL6629	100%	-100%	-
	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	Maji Moto	PL7394/2011	100%	-	100%
	Busongo	Busongo Northeast	PL10065/2014	100%	-	100%
<b>Tanzania</b>	Miyabi	Miyabi South Idahina	HQ-P26826	100%	-100%	-
	Miyabi	Miyabi South West	HQ-P21345	100%	-100%	-
	Miyabi	Miyabi Mwabomba North	PL4592	100%	-100%	-
	Miyabi	Miyabi Mwabomba West	PL6752	100%	-100%	-
	Miyabi	Miyabi Mwabomba Central	PL8934	100%	-100%	-
	Miyabi	Gulumungu	PL10656/2015	100%	-	100%
	Miyabi	Ntalebujika	PL10660.2015	100%	-	100%
	Miyabi	Miyabi Dyke	PL8933/2013	100%	-	100%
	Miyabi	Miyabi Northwest West	PL9696/2014	100%	-	100%
	Miyabi	Miyabi North	PL4536/2007	100%	-	100%
	Miyabi	Miyabi Airport New	PL10556/2015	100%	-	100%
	Miyabi	Miyabi Northwest	PL5115/2008	100%	-	100%
	Miyabi	Miyabi South 2 East	PL6369/2010	100%	-	100%
	Miyabi	Miyabi South 2 West	PL9782/2014	100%	-	100%
	Miyabi	Miyabi South	PL6382/2010	100%	-	100%
	Miyabi	Miyabi South New	PL10149/2014	100%	-	100%
	Miyabi	Miyabi Airport	PL6593/2010	100%	-	100%
	Miyabi	Miyabi Twigg	PL7864/2012	100%	-	100%
<b>Tanzania</b>	Nyang'ombe	Nyang'ombe North	HQ-P19030	100%	-100%	-
	Nyang'ombe	Nyang'ombe West	HQ-P20490	100%	-100%	-
	Nyang'ombe	Nyang'ombe North	HQ-P22316	100%	-100%	-
	Nyang'ombe	Nyang'ombe North	PL3534	100%	-100%	-



	Nyang'ombe	Nyang'ombe BEAL	PL6502/2010	100%	-	100%
<b>Tanzania</b>	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%
	Mtemi	Mpanda, Mpanda	5760/2009	-	100%	100%
	Mtemi	Mpanda, Mpanda	8942/2013	-	100%	100%
	Mtemi	Ileje, Ileje	8550/2012	-	100%	100%
	Mtemi	Mbinga, Mbinga	7552/2012	-	100%	100%
	Mtemi	Madaba, Liwale	8552/2012	-	100%	100%
	Mtemi	Mpanda, Mpanda	9051/2013	-	100%	100%
	Mtemi	Mpanda, Mpanda	9052/2013	-	100%	100%
	Mtemi	Mpanda, Mpanda	9053/2013	-	100%	100%
	Mtemi	Mpanda, Mpanda	9054/2013	-	100%	100%
	Mtemi	Mpanda, Mpanda	9395/2013	-	100%	100%
	Mtemi	Mpanda, Mpanda	9764/2014	-	100%	100%
	Mtemi	Chunya	9899/2014	-	100%	100%
	Mtemi	Chunya	9780/2014	-	100%	100%
	Mtemi	Mkalama, Singida	10027/2014	-	100%	100%
	Mtemi	Makongolosi, Chunya	10020/2014	-	100%	100%
	Mtemi	Mpanda, Mpanda	10034/2014	-	100%	100%
<b>Angola</b>	Ozango	Ozango	009/01/07T.P/ANG-MGMI/2011	70%	-	70%