



**RIFT VALLEY
RESOURCES LIMITED**



**ARLINGTON PRE-DABA FEBRUARY 2017
RIFT VALLEY RESOURCES (ASX:RVY)**

Company Snapshot



Corporate Overview		Majority Shareholders (as at 1st February 2016)	
ASX Code	RVY	Merrill Lynch (Australia) Nominees PTY Limited	9.5%
52 Week Avg.	\$0.025	East Africa International Limited	5%
Shares on issue	634m	J P Morgan Nominees Australia Limited	3%
Options (18) ex \$0.035- 52.5m/\$0.06- 45.3m (19) 10m	110m	Vynben Pty Ltd	3%
Market Capitalisation (at \$0.025)	\$16m	Geoff Gilmour	3%
Cash (as at 31/12/16)	\$673k	Richard Lockwood	2%
Top 20 shareholders	40%	Mr Gregory Rolland Cunnold & Mrs Lara Cheryl Groves <Stratford A/C>	1.8%
Top 100 shareholders	73%	Total:	27%

Mr Stephen Dobson – Chairman

Over 25 years experience in global capital debt and equity markets, MD of Mirabaud securities Australia and leadership positions at Merrill Lynch & co

Mr Geoff Gilmour - Managing Director

Over 20 years of corporate experience. Instrumental in the creation of Andean Resources Ltd (\$3.56bn takeover by Goldcorp in 2010).

Mr Greg Cunnold BSc MAusIMM - Technical Director

Geologist with 25 years of experience in the exploration Industry. Greg was instrumental in the delineation of Gabriel Resources 14 million ounce gold resource in Romania.

Mr Graeme Clatworthy B.Bus (Accounting) - Non-Executive Director

28 years experience in Australian capital markets. Previous experience as a Director of several listed companies. Also currently a Director of Meteoric Resources NL

Mr Akram Aziz – Non – Executive Director

Akram is a Tanzanian National , Founder of Caspian limited the largest mining contractor in Tanzania

Mr Scott Mison B.Bus, CA, ACSA – Company Secretary

Member of the Institute of Chartered Accountants. Director of Jupiter Energy Ltd

Consultants:

Mr Paul Payne BAppSc, MAusIMM Geologist

Paul provides geological services to RVY's Tanzanian operations. He boasts over 25 years experience in exploration and project development

Barry Bourne BSc (Hons) Geology – Geophysicist

Over 20 years of international exploration experience. Until 2013 he was Chief Geophysicist for Barrick Gold's Global Exploration Group.

Gavin Beer B.Sc. AusIMM (CP) Metallurgist

Metallurgist with over 25years experience in technical & operational roles

Overview of Projects

Tanzania:

Two advanced gold projects situated in the Lake Victoria Goldfield

- **Miyabi Gold Project (RVY 100%)**
 - 745,000oz JORC Resource, multiple deposits ,excellent results from 2016 drilling
- **Kitongo Gold Project (RVY 100%)**
 - 370,000oz JORC Resource¹,

¹Kitongo resource lies within Primary Mining Licence allowing exploration by local, small scale artisanal miners

Angola: New Frontier

Ozango Project (RVY 70%) 3,670 km² holding in unexplored greenstone

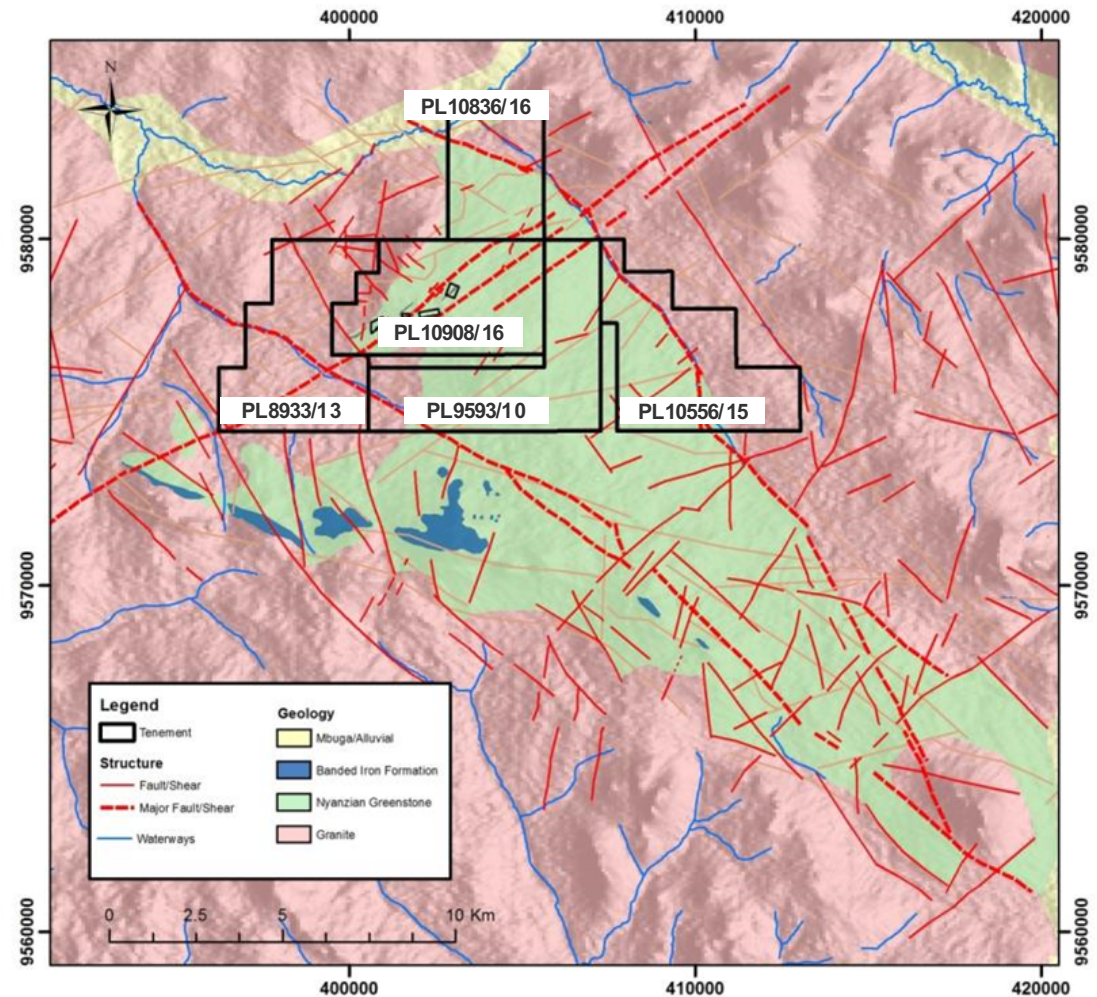
- Longonjo
 - Magnet metals project
- Cassenda hill
 - Copper discovery 2016
- Bongo
 - High prospectivity for gold



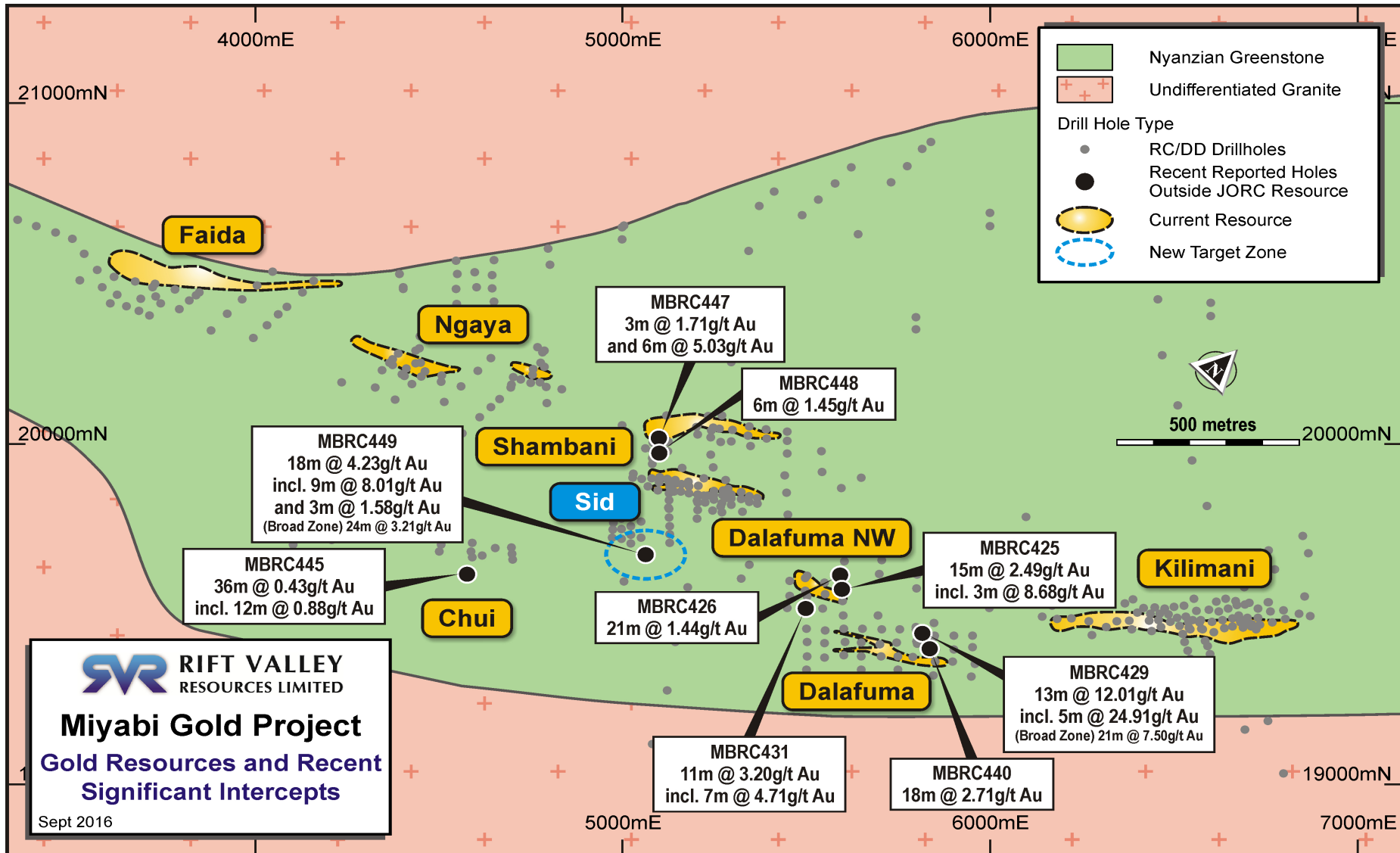
Tanzania: Miyabi Project Overview



- Five Prospecting Licences for 83.47km² project area
- JORC Resource of 14.8Mt at 1.6g/t for 745,000oz JORC Resource including new high grade prospect at Dalafuma 1.8Mt at 3.6g/t 208,000oz(Feb 2016)
- Geophysical reinterpretation of all previous exploration and drill target generation
- Project area largely under explored
- Excellent exploration targets defined for follow up drilling
- Approximately 30km from Resolute Resources Nyakafuru (1.1 Moz Au)



MIYABI DRILLING



RIFT VALLEY RESOURCES LIMITED

Miyabi Gold Project

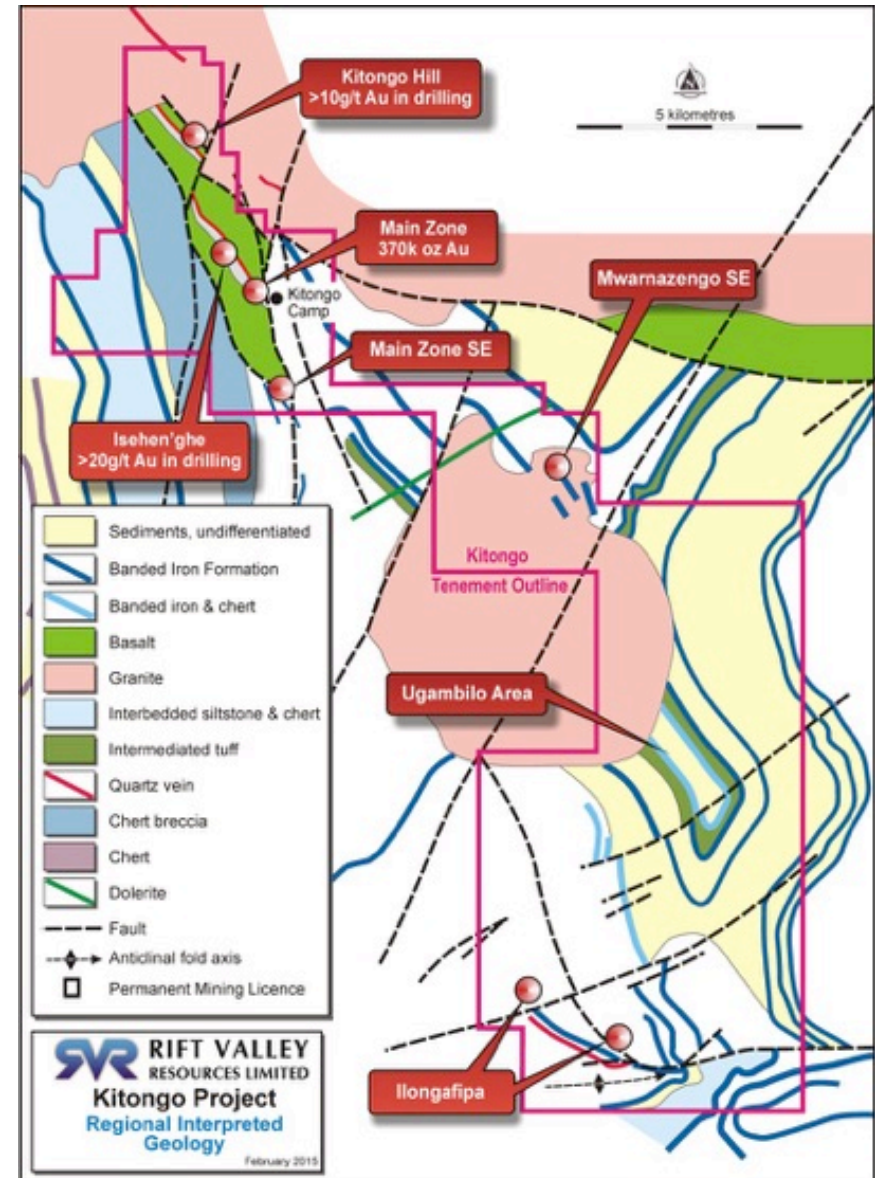
Gold Resources and Recent Significant Intercepts

Sept 2016

Tanzania: Kitongo Project Overview



- 128km² project area
- All weather access, 90 minute drive from Mwanza
- Highly prospective greenstone belt
- Negligible regional exploration and no drilling from 2002 until RVR program in 2014
- JORC Resources of 7.8Mt @ 1.5 g/t for 370,000oz¹ at Main Zone remains open at depth
- High grade drill intersections along strike at Isegenghe and Kitongo Hill prospects including:
 - 3m at 19.60g/t from 141m
 - 2m at 15.75g/t from 81m
 - 12m at 12.95g/t from 74m
- Little historic exploration outside of Main Zone area

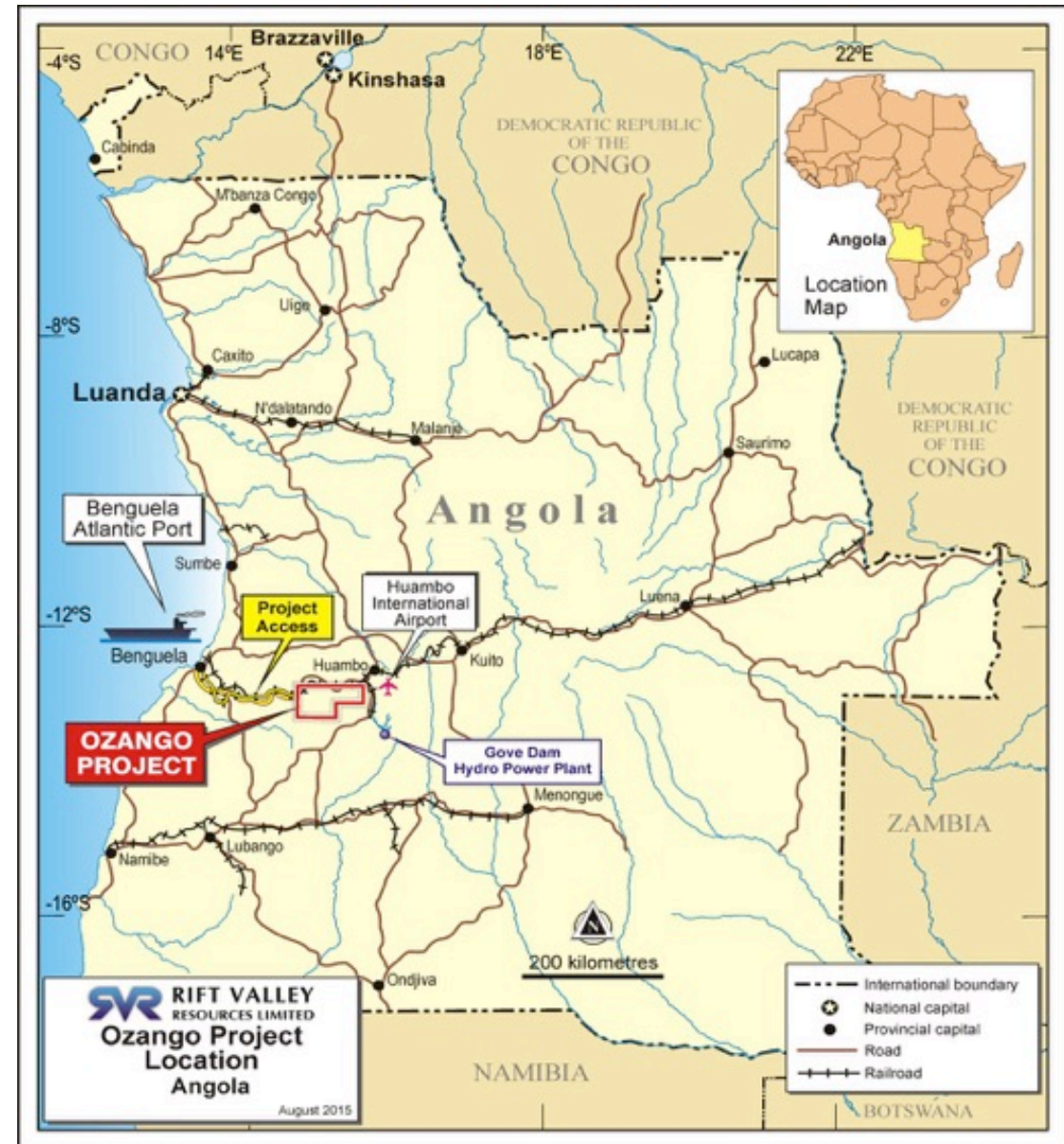


¹Kitongo resource lies within Primary Mining Licence allowing exploration by local, small scale artisanal miners

Angola – Africa's New Frontier



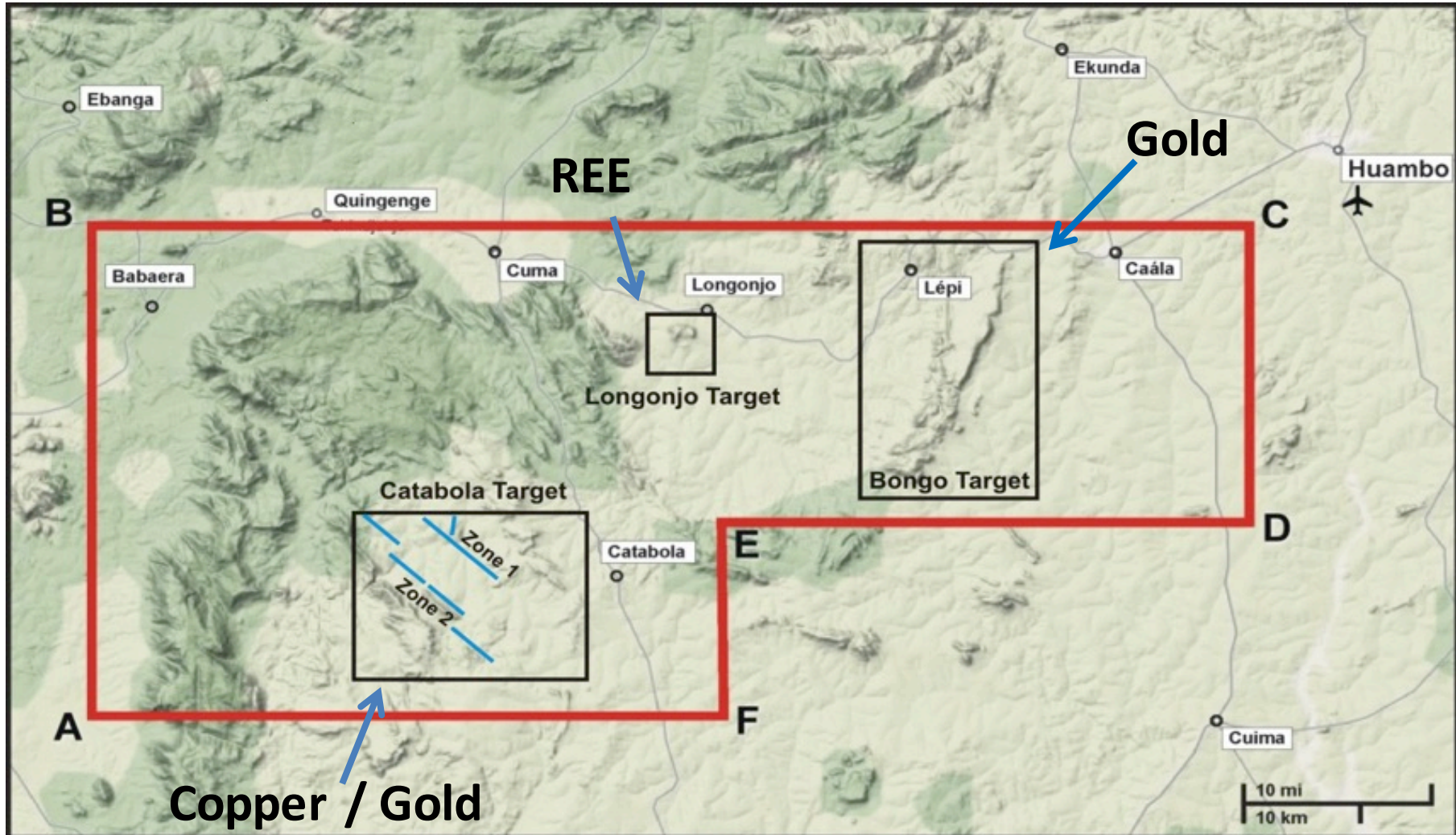
- Geology - Archean granite greenstone terrane – similar to Brazil, West Africa, Western Australia
- Limited history of hard rock mining
- Department of Geology & Mines committed to promote foreign investment into minerals sector
- US\$400m plus Government funded airborne survey commenced
- Sound Mining and Investment Code
- Ferrangol as strategic Government partner
- GeoAngol – Assay Labs established - Drilling Rigs acquired
- Good, in situ infrastructure
- RVY has 1st mover advantage
- 25% Mining Tax and 3% to 5% Royalty



Ozango Licence – 3,670km²



- Ozango licence – N°013/03/09/T.P/A NGMGM/2015

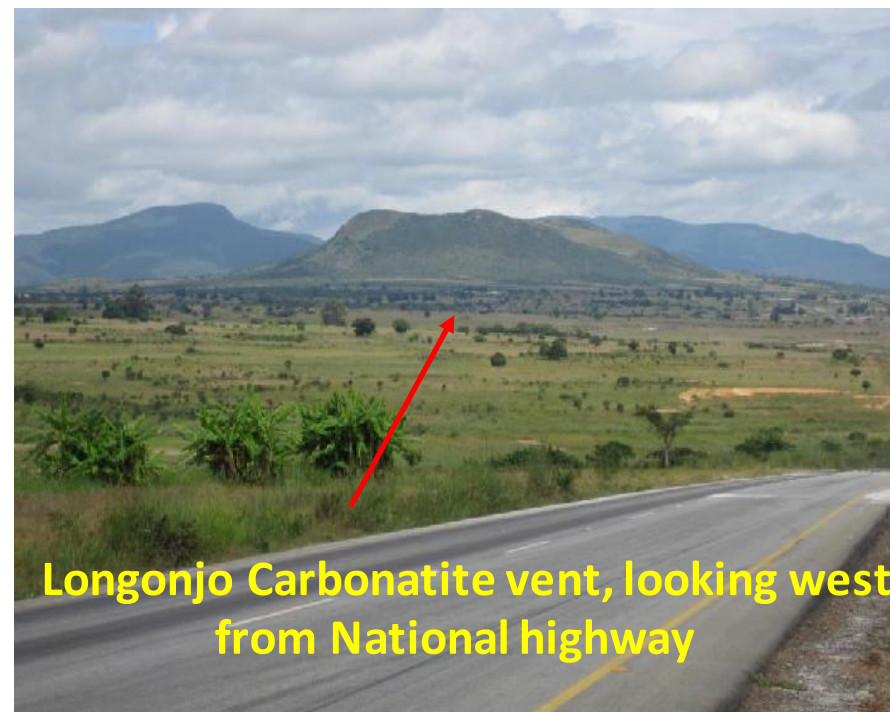
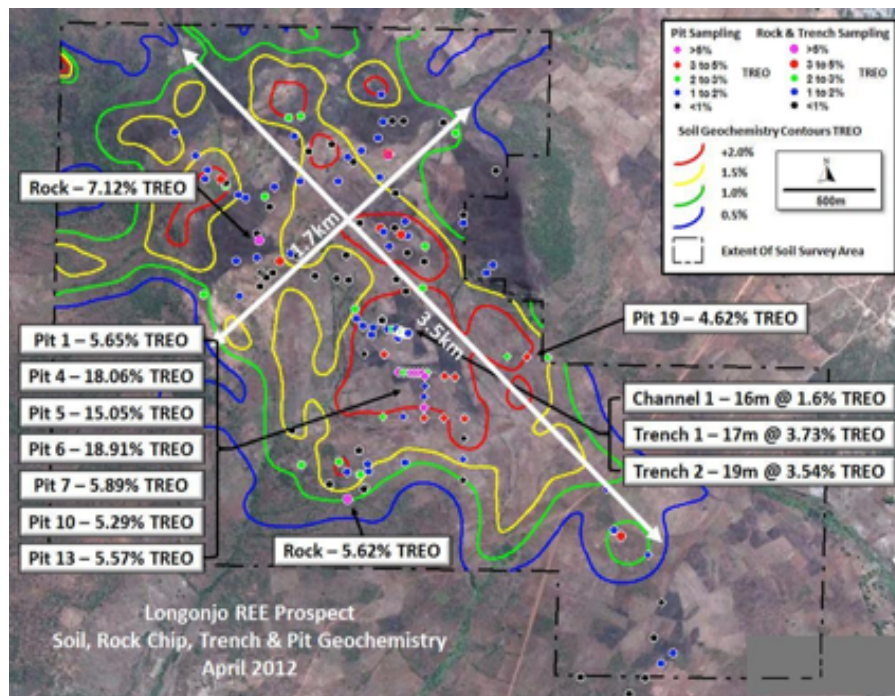


Longonjo Magnet Metal Project



- Robust 3.5 x 1.7 km REE geochemical anomaly – 6 km²
- Mineralization from surface to blade refusal – average depth 27 meters
- Beneficiation test work achieves 19.44% Rare Earth Oxide (REO)
- High Value Magnet Metals present - 75% in situ value represented by Neodymium (Nd) and Praseodymium (Pr)
- Magnet metal market demand growing
- Positive metallurgy - >89% recovery of Nd/Pr
- Industry proven production process – Second wave
- Desktop Study demonstrates potential 5 year capital payback period of 2 stage production process for mixed Rare Earth Carbonate (REC) (500ktpa)
- Access to low cost hydroelectric power
- Low Capex – Approx. US\$140mil (Resource Capital Research Feb 2017)
- Potential to add further value by addition of an extraction plant to produce a separated REC

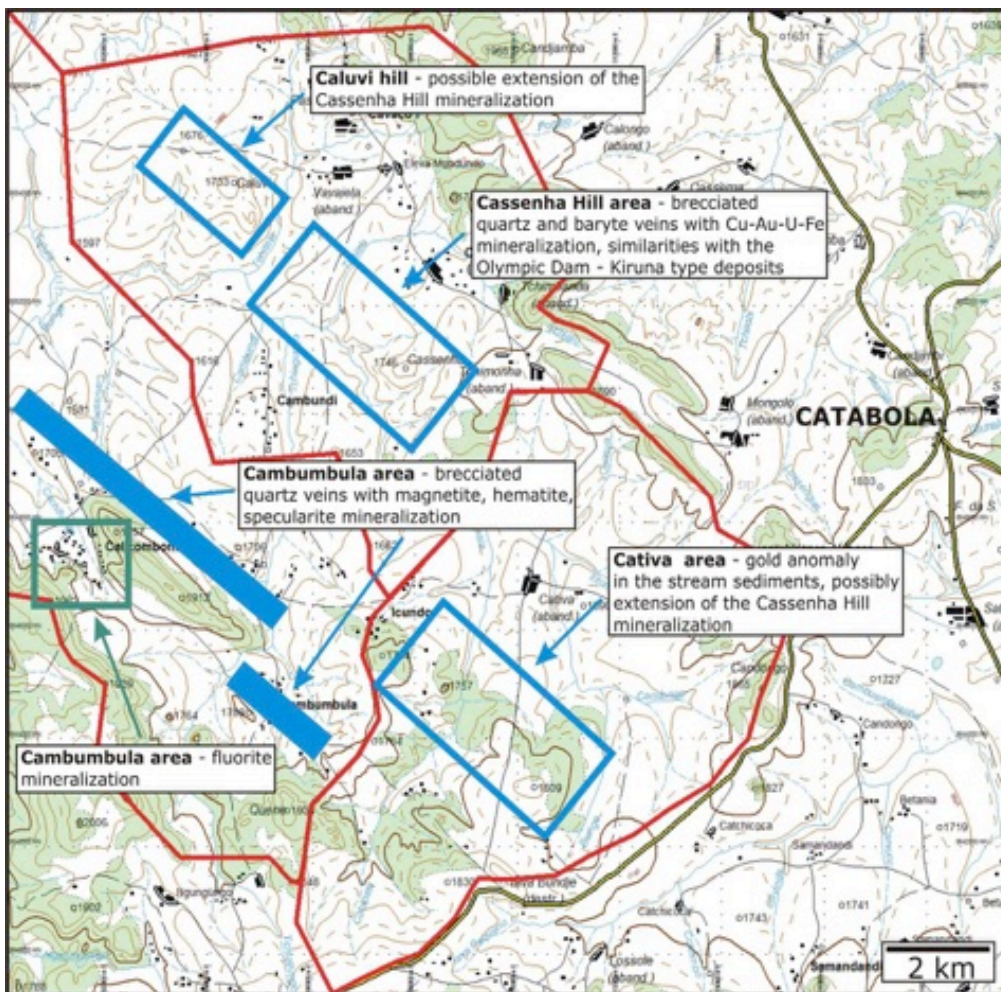
Longonjo Magnet metals project



Large prospective area with infrastructure

- Hydro power
- Railway line parallel to main highway connecting to port
- 319km to the Port of Benguela

Catabola - Gold/Copper Prospect Areas



Cassenha Hill (Copper/Gold):

• BEST RESULTS (0.25% Cu cutoff)

- CHD005 – 24m @ 1.23% Cu From 12m
Including 12m @ 1.95% Cu from 12m
- CDH006 – 24m @ 1.49%Cu From 84m
Including 9m @ 3.11% Cu from 87
- CDH007 – 20m @ 0.68% Cu From 57
Including 4m @ 1.21% Cu from 60m

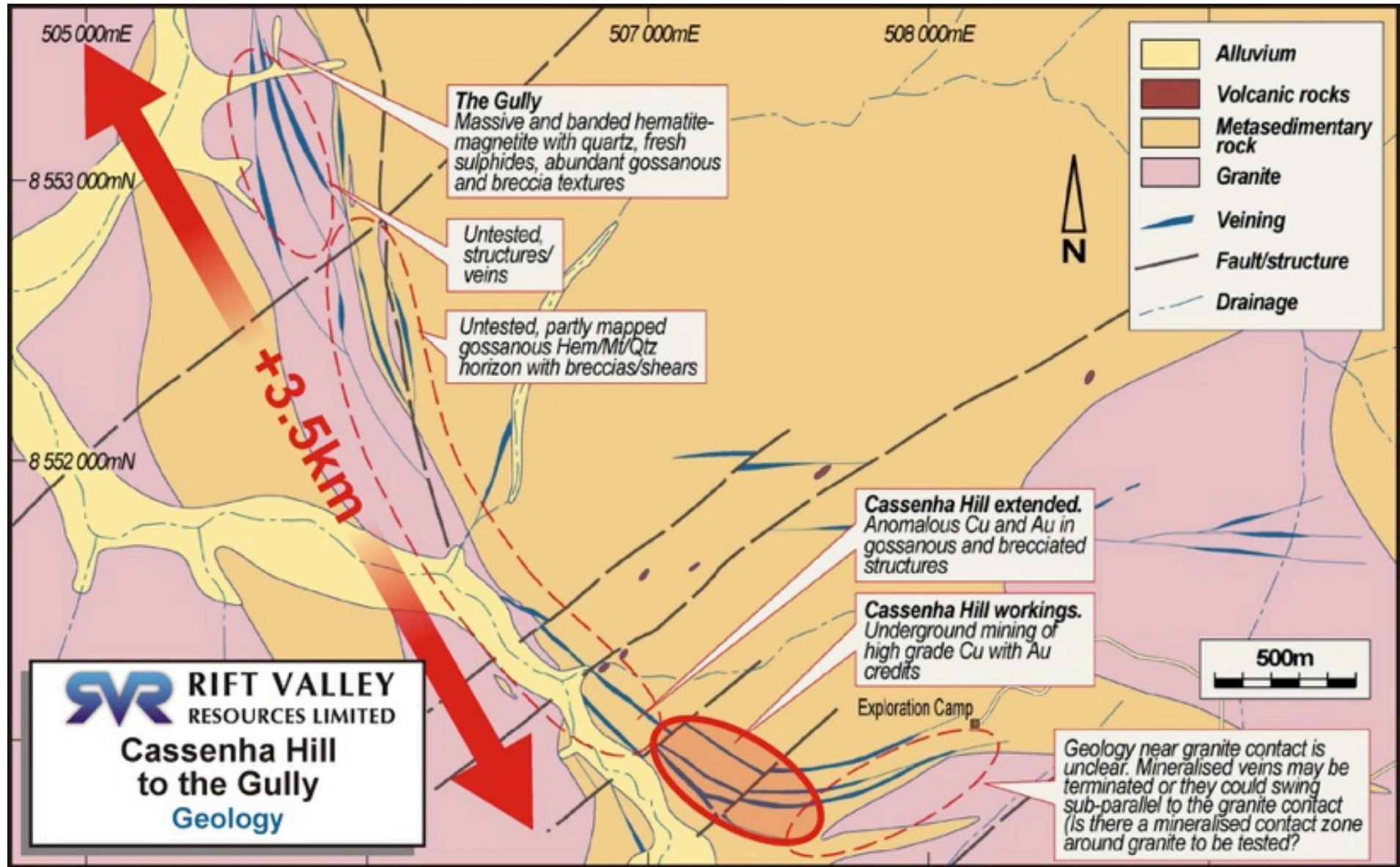
• BROAD MINERALIZED COOPER ZONES (0.1% Cu Cutoff)

- 33m @ 0.94% Cu From 3m
- 70m @ 0.88% Cu From 38m
- 49m @ 0.7% Cu from 25m

Cambumbula – Cativa (Copper-Gold-Iron):

- New area, known mineralised zone 5,000m x 400m
- Possible length >2km
- Lenses of massive magnetite/hematite up to 600m x 200m
- Drill ready

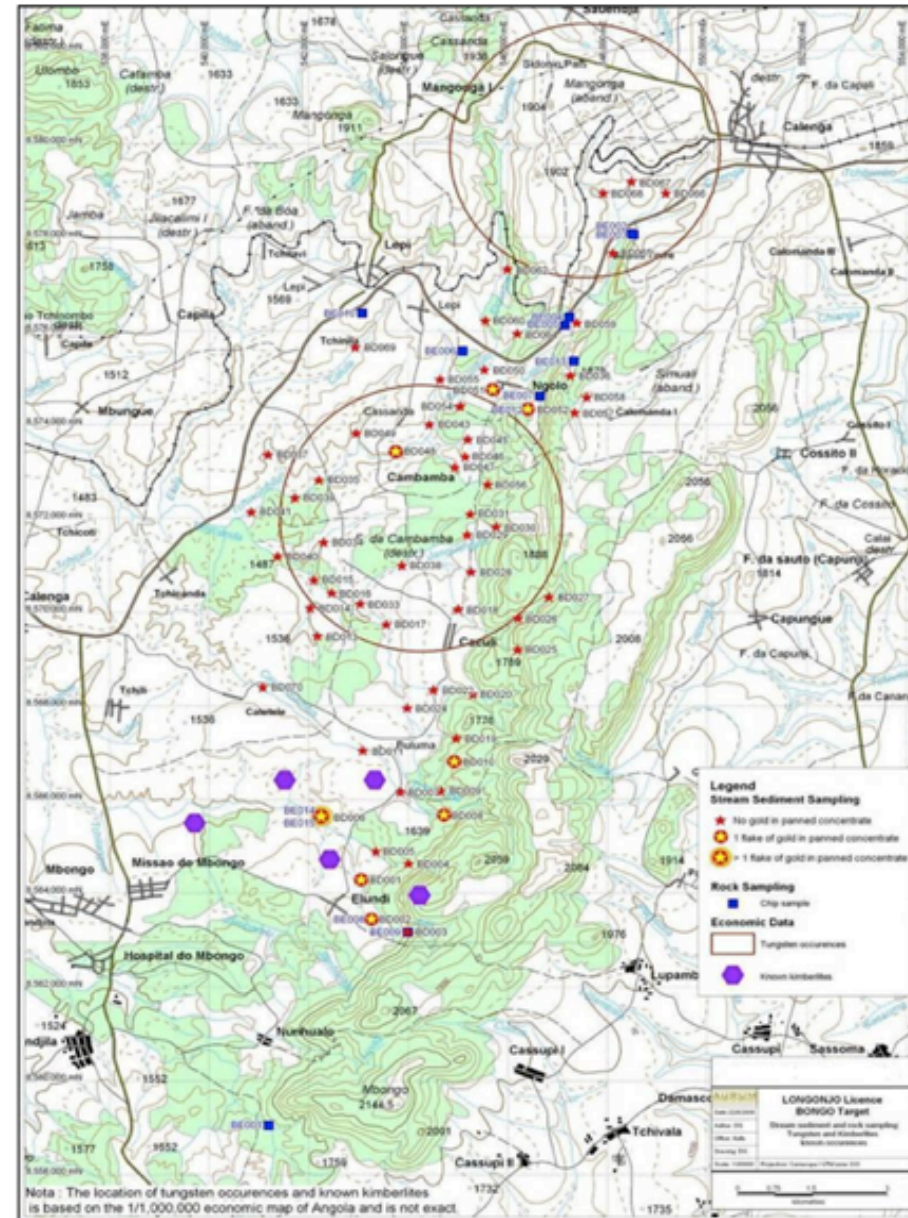
Cassenha Hill – Potential Strike Extension



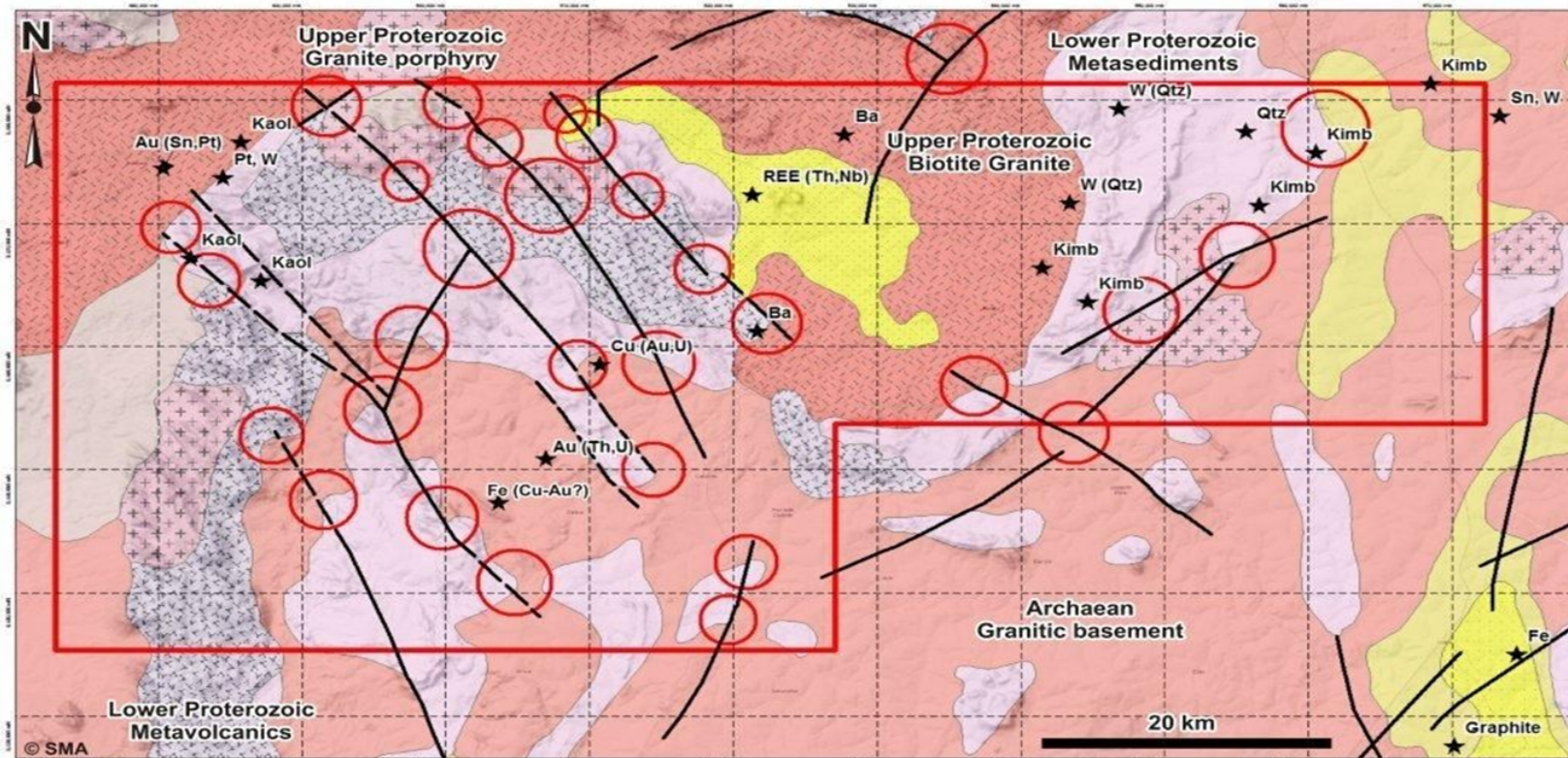
Bongo Gold Prospect



- Over 10 km long fault zone structure.
- SRK Consulting (Sept 2010) review compares the Bongo gold target with the 5 million oz Macraes Flat project in New Zealand
- Prospective for shear hosted gold mineralization
- Abundant alluvial gold identified in panned concentrates
- Systematic stream sediment sampling program currently underway



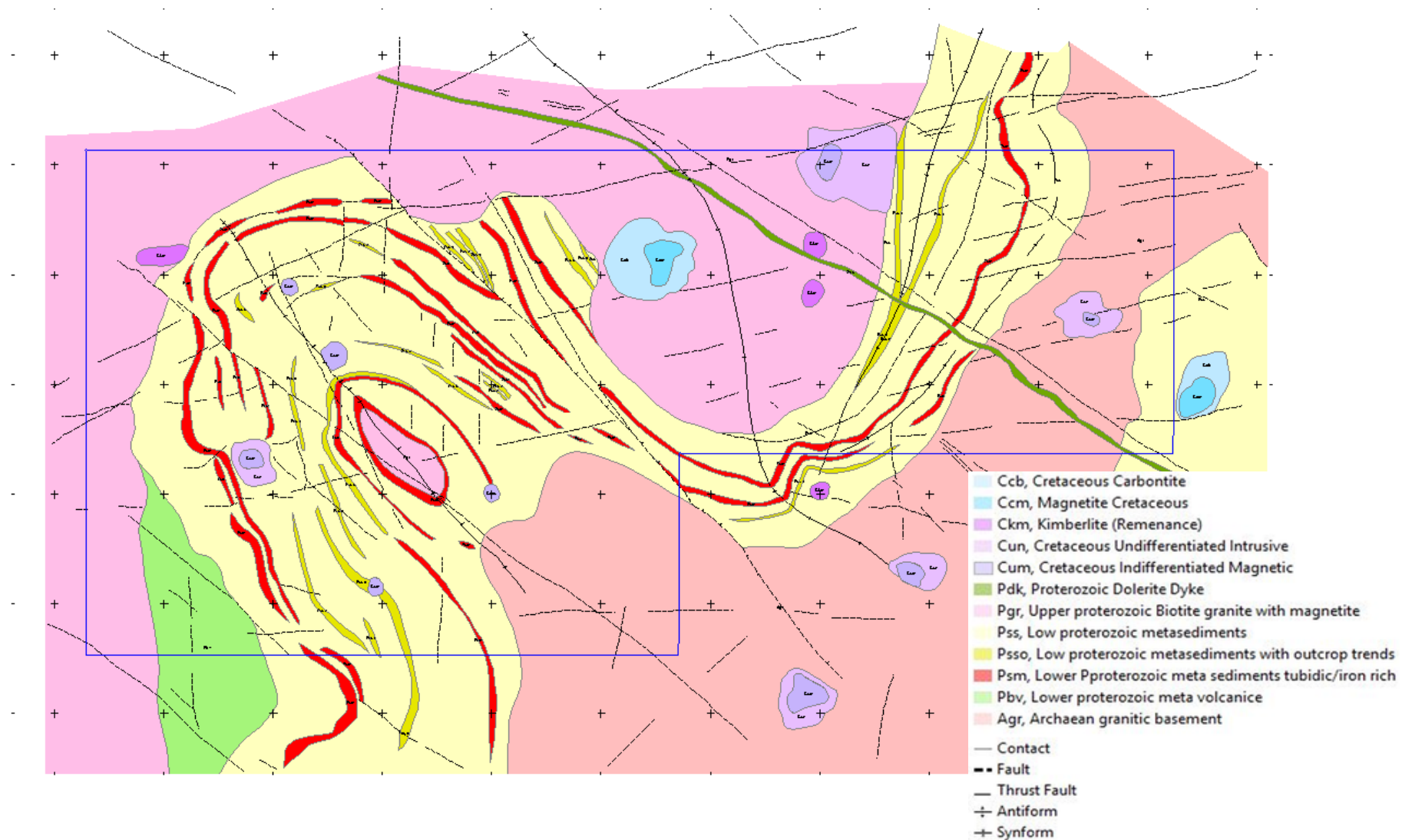
Including 29 orogenic lode-gold targets



Simplified geology map of the Longonjo licence, Angola. The licence is underlain by Archaean granitic basement, lower Proterozoic metasediments and metavolcanics, cut by Upper Proterozoic biotite-bearing granite and granite porphyries. Numerous northwest- and northeast-trending major faults cut the Proterozoic metasedimentary and metavolcanic (Greenstone Belt) sequences. Based on the current geology a total of **29 orogenic lode-gold targets** have been identified on the licence. Most of the known gold mineralization occurs adjacent to major crustal faults, or splays associated from them.

The presence of the kimberlites (not known to be diamondiferous) and the Longonjo carbonatite are related to a tensional regime during the opening of the South Atlantic during the Mesozoic. Earlier faults might have been reactivated during this event.

Ozango Project – Airborne Magnetic Interpretation



Investment Highlights



- Experienced exploration & corporate team
- Potential for a world class discovery
- Currently undervalued (no value for Angola)
- Share price supported by gold ounces
- Angola the new frontier (like walking into Ghana in the early 80's)
- First market mover advantage in Angola – limited history of hard rock mining and prominent government agency support
- Supportive shareholder base – global private equity firm in place as strategic investor
- Potential to increase shareholder value through spin out of assets



Cassenha Hill



Gold and Copper Mineralisation



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We advise in accordance with Australian Stock Exchange Limited Listing Rules 5(6) that the exploration results for the Ozango Project contained within this ASX Release is based on information compiled by Mr Greg Cunnold who is a member of the Australian Institute of Mining and Metallurgy. Mr Cunnold is a director and shareholder 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 Cunnold 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”.

The information in this report that relates the Exploration Results and Mineral Resources for the Kitongo and Miyabi gold deposits is based on information compiled by Mr Paul Payne, a full time employee of Payne Geological Services and a Member of The Australasian Institute of Mining and Metallurgy. Mr Payne is a consultant to and a shareholder of Rift Valley Resources and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking 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 Payne consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

All information relating to Mineral Resources was prepared and 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 materially changed since it was last updated