



ASX RELEASE

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DIAMOND DRILLING HAS COMMENCED AT CASSENHA HILL PROSPECT ANGOLA

HIGHLIGHTS

- **Diamond drilling underway at the Cassenha Hill copper/gold prospect.**
- **Trenching commenced, testing 3.5km of strike extension.**



Figure 1: Drilling at Cassenha Hill - November 2015

The Directors of Rift Valley Resources (the Company) are pleased to announce that diamond drilling has commenced at the Cassenha Hill prospect, within the Catabola area of its 70% owned Ozango Project - Angola

The diamond drilling programme aims to test the depth and strike extensions of the copper-gold mineralization delineated at surface with trenching and below surface from within exploration adits developed by the Portuguese last century (see figure 2). This programme will employ angled drilling to best intersect the sub vertical structures interpreted from previous work. It is envisaged that the drilling will enhance the understanding of the geometry as well as finally reveal the nature of mineralization in the sulfide zone.

The initial drilling programme is for a nominal 6 diamond drill holes for an advance of 1000m, Drill core will be routinely cut and submitted to Geoangol for analysis.

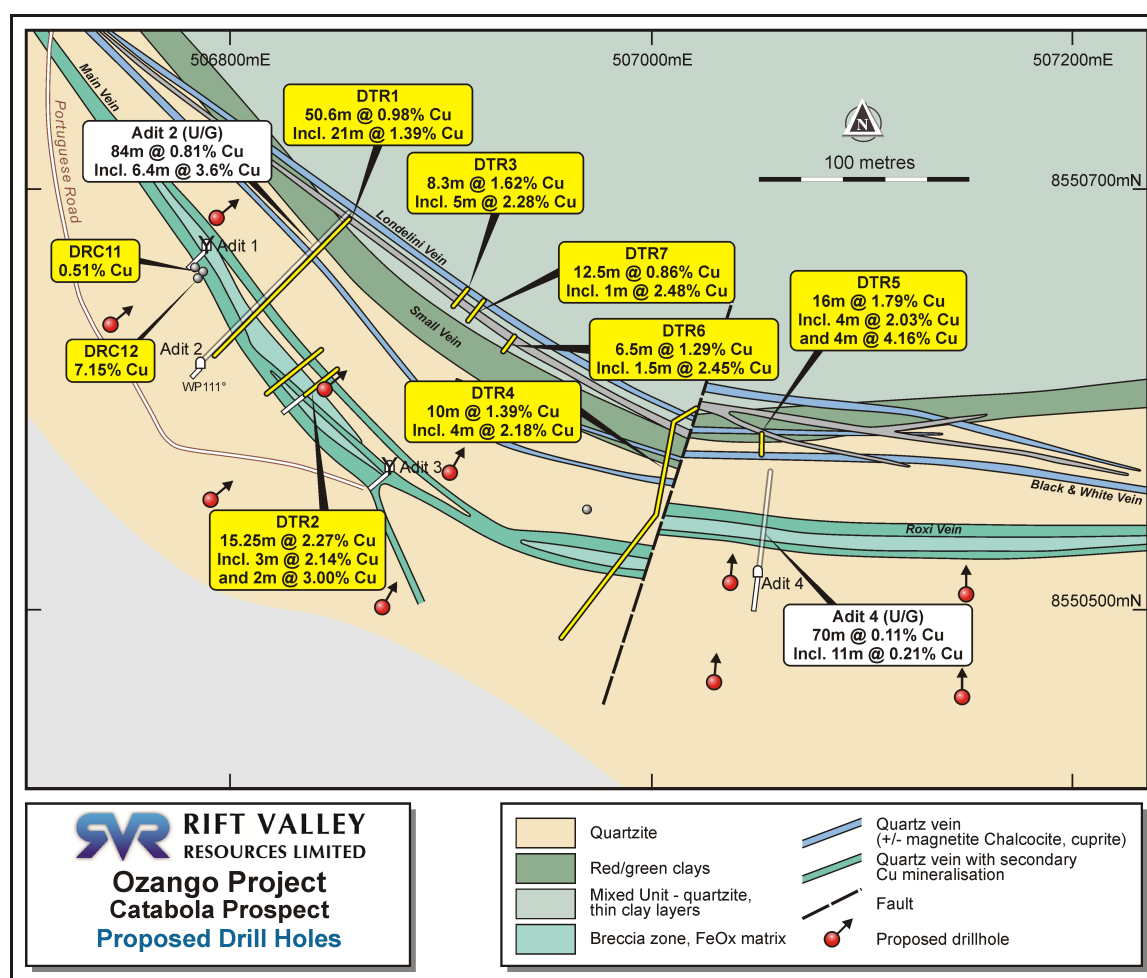


Figure 2

BACKGROUND INFORMATION

CATABOLA COPPER/GOLD PROSPECT

The Catabola copper-gold target comprises an area of approximately 180km² with two separately identified mineralized structures both trending northwest to southeast, approximately 5 kilometers apart.

- Zone 1 – Cassenha Hill Copper-Gold Prospect: Centered on historic small scale copper mining at Cassenha Hill.
- Zone 2 – Cambumbula Iron Prospect: A recently discovered major zone of iron rich altered metasediment with associated weakly anomalous copper-gold values.

Importantly, both mineralized zones appear to have Iron Oxide Copper Gold (IOCG) style affinities, a style of mineralization responsible for major deposits elsewhere in the World.

CASSENHA Hill Copper-Gold Prospect

During the year the Company completed site works (drill pads and access) at Cassenha Hill. These included the rehabilitation of 12km's of gravel road from the town of Catabola, the Company also made ready the Cassenha Hill camp and purchased consumables and equipment for the current drilling campaign.

Copper workings at Cassenha Hill in the 1940s and 1950s included 7 shafts and some 29 adits extending over a length of 1.6 kilometers. The copper mineralisation is hosted by siliceous metasediments and occurs in brecciated and gossanous quartz-magnetite-barite veins in a major, steeply dipping and strongly altered/weathered shear zone. The zone has been traced by surface mapping and prospecting over a strike length of some 5 kilometers but may well be considerably longer.

The separate Caluvi Hill and Cativa prospects located northwest and southeast of the Cassenha Hill zone respectively may well be one and the same giving an approximately 14 kilometer long potential strike length of prospective ground. The Cassenha Hill shear structure has been described by SRK Consulting (2010) as a broad zone up to 150 meters wide within which individual copper bearing veins, typically 10-30 meters wide and several hundred meters long, occur in an enechelon pattern. Previous exploration work conducted at the Cassenha Hill prospect includes regional rock chip sampling, soil and stream sediment sampling, surface trenching and underground adit channel sampling.

The area around Cassenha Hill has been the main focus with numerous adits geologically mapped and channel sampled.

Adit Channel sampling (figure 2)

- Adit 2: 84m @ 0.81% Cu-including 6.4m @ 3.46% Cu and 5m @ 1.83% Cu
- Adit 3: 16m @ 0.75% Cu - including 4m @ 1.79% Cu)

Trench sampling results (figure2)

- Trench 1: 50.6m at 0.98% Cu - including 21m at 1.39% Cu
- Trench 2: 15.25m @ 2.27% Cu
- Trench 3: 8.3m @ 1.62% Cu
- Trench 4: 10m @ 1.39% Cu
- Trench 5 : 16m @ 1.79% Cu
- Trench 6: 6.5m @ 1.29% Cu
- Trench 7: 12.5m @ 0.86% Cu

Gold mineralization

The Cassenha Hill copper mineralization is also associated with gold. Previous exploration achieved up to 2g/t Au in the soil samples and up to 6g/t Au in rock chips. Sampling of the adits has also demonstrated the potential for resource grade gold mineralization.

Trenching program

In addition to the drilling program, trenching work has commenced to test for copper/gold mineralization along the interpreted 3.5 kilometers of possible strike extension to the north west of Cassenha Hill (figure 3).

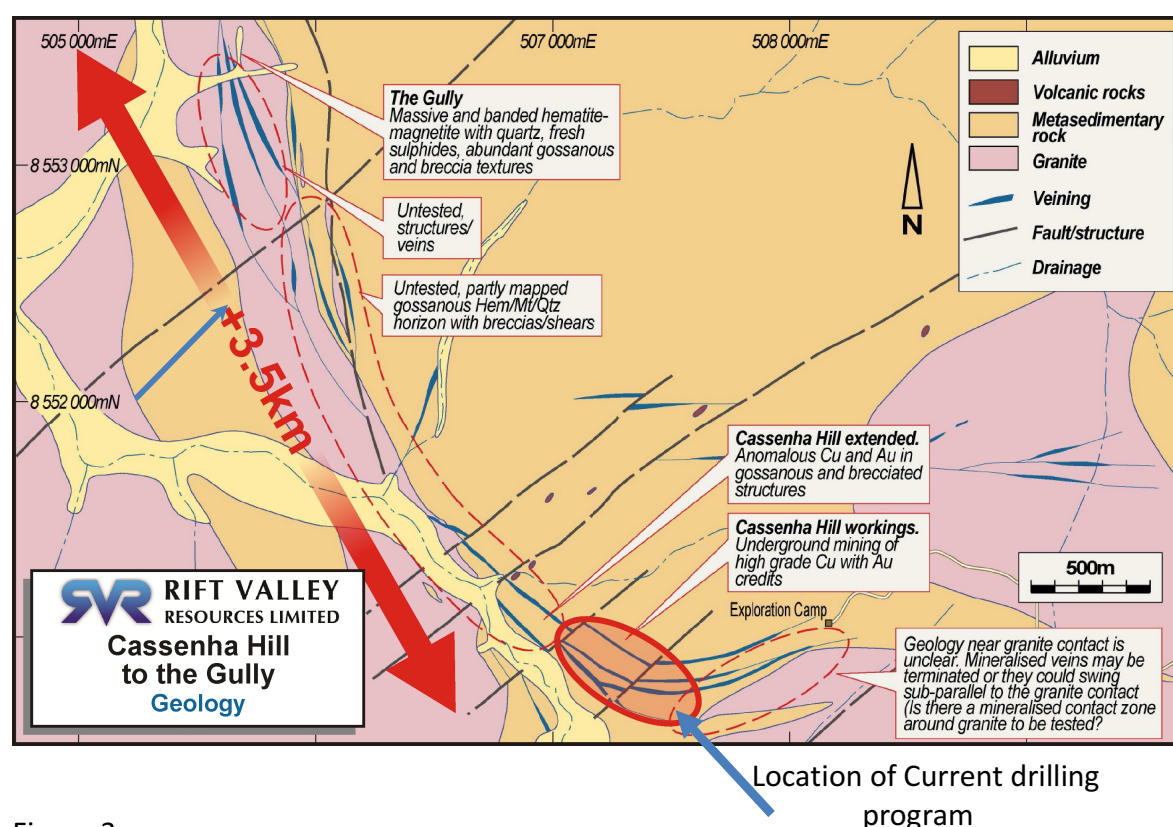


Figure 3

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