



## EXPLORATION UPDATE – MAIDEN DRILL PROGRAM HAGENHOF COPPER PROJECT, NAMIBIA

### Highlights

- Maiden drilling program totalling 2,830 metres completed at Hagenhof Copper Project
- Over 1,100 assays from a total of 2,260 metres of RC drilling pending - expected in the coming weeks
- Drilling to date at Main Gossan has intersected massive sulphide quartz breccia, with significant copper results including<sup>1</sup>:
  - 17m @ 0.82% Cu from 111m downhole (HDD04), incl.  
*9m @ 1.1% Cu from 119m (incl. 1m @ 2.44% Cu from 127m)*
  - 24m @ 0.54% Cu from 86m downhole, (HDD002), incl.  
*1m @ 1.38% from 89m, 1m @ 1.73% Cu from 95m and 1m @ 1.84% Cu from 105m*
- Recent \$1.8m capital raising sees Tanga well funded for further drilling and exploration, focusing on:
  - Electro-magnetic (EM) work at Main Gossan and Liv's Hill.
  - Step out and infill drilling Main Gossan, Liv's Hill, Jette's Hill and Copper Cap at Hagenhof.
  - Maiden drilling targeting orogenic gold under calcrete cover at Katerina Project in joint venture with Epangelo Mining Limited.
- Tanga currently holds a total ground position on the Damara Belt, Namibia of over 1,700km<sup>2</sup>.

**Tanga Resources Ltd (ASX: TRL) ("Tanga" or the "Company")** is pleased to provide an update on the current exploration activities at Company's the Hagenhof Copper Project ("**Hagenhof**" or the "**Project**"), in Namibia.

The maiden drilling program, comprising 570 metres of Diamond and 2,260 metres of Reverse Circulation (RC) drilling to test copper mineralisation at several targets at Hagenhof, has now been completed.

Following completion of the initial four diamond holes at Main Gossan and the arrival of the RC rig on site, the drill program moved on to test outcropping copper mineralisation at Jette's Hill, the prominent magnetic anomaly coinciding with a large interpreted structural domal feature at Liv's Hill, and outcropping copper mineralisation at Copper Cap and P5. A total of 21 RC holes for 1,406 meters was drilled at these targets, none of which have ever been drilled before.

The RC rig was then moved back to Main Gossan to complete a further eight holes for 854 metres, to follow up on copper mineralisation up dip and down plunge extensions of the copper mineralisation previously reported in the initial drilling. Visual observations of the RC chips indicate the presence of coarse grained sulphides, predominantly chalcopyrite, associated with strong pyrrhotite and pyrite mineralisation from a number of holes, indicating the continuity of the semi-massive sulphide mineralisation at Main Gossan.

Assay results from over 1,100 samples from are now pending and are expected to be announced to the market in the coming weeks.

<sup>1</sup> Refer to ASX Announcement 21 August 2019

Matthew Bowles, CEO of Tanga Resources Ltd said:

*"We are really encouraged by the drilling to date at Hagenhof. The initial diamond drilling at Main Gossan returned some excellent copper results and visual observations of the RC chips from follow up drilling indicate that we appear to have intersected mineralisation up plunge and down dip.*

*We are now waiting on the results from over 1,100 assays and look forward to announcing these at the earliest opportunity. And with the completion of the recent placement we are well funded to commence EM work and further drilling at Hagenhof."*

## Exploration activities

### *Hagenhof Copper Project – Main Gossan*

Assay results received for the first four holes diamond holes drilled at Main Gossan were announced to the ASX on 21 August 2019. This drilling targeted a prominent ground magnetic anomaly and has returned copper mineralisation consisting of a coarse grained pyrrhotite-chalcopyrite within quartz-carbonate breccia, hosted in Neoproterozoic turbiditic and calcareous meta-sedimentary rocks. Results included:

- 17m @ 0.82% Cu from 111m downhole (HDD004), incl.  
**9m @ 1.1% Cu from 119m (incl. 1m @ 2.44% Cu from 127m)**
- 24m @ 0.54% Cu from 86m downhole (HDD002), incl.  
**1m @ 1.38% from 89m and 1m @ 1.73% Cu from 95m and 1m @ 1.84% Cu from 105m**

A further eight holes (RC) for 854 metres has been drilled at Main Gossan testing the up dip and down plunge, mineralisation. Assays for these holes are pending with visible copper mineralisation observed in a number of the RC chips from both up dip and down plunge drilling.

### *Hagenhof Copper Project - Liv's Hill, Jette's Hill, Copper Cap and Hagenhof Regional*

A total of 1,406 metres of drilling has now been completed at several other exciting targets at Hagenhof, that have had no previous drilling. Including Jette's Hill, where seven RC holes for a total of 490 meters has been completed, testing outcropping mineralisation and Liv's Hill/Copper Cap, where nine RC holes have been drilled for a total of 614 metres testing a prominent magnetic anomaly coinciding with a large interpreted structural domal feature. Pyrrhotite-chalcopyrite mineralisation has been observed in RC chips from both of these prospects.

Assay results from over 1,100 samples from are now pending and will be announced to the market at the appropriate time.

### *Katerina Gold Project*

The Katerina Gold Project is under an earn-in and joint venture agreement with Epangelo Mining Limited, a private mining investment company with the Government of the Republic of Namibia as the sole shareholder. One of the licences within the JV agreement EPL 4833 is located on the major Otjihorongo Thrust with aeromagnetic data showing it is intersected by a NNE/SSW basement structure that continues north into Hagenhof (Refer to Figure 2). A number of historic regional copper and gold occurrences are reported on the Licences, however there has been no modern exploration

A maiden drilling campaign is planned to be undertaken at Katerina targeting orogenic gold under thick calcrete cover, subject to the renewal of the licence by the Ministry of Mines.

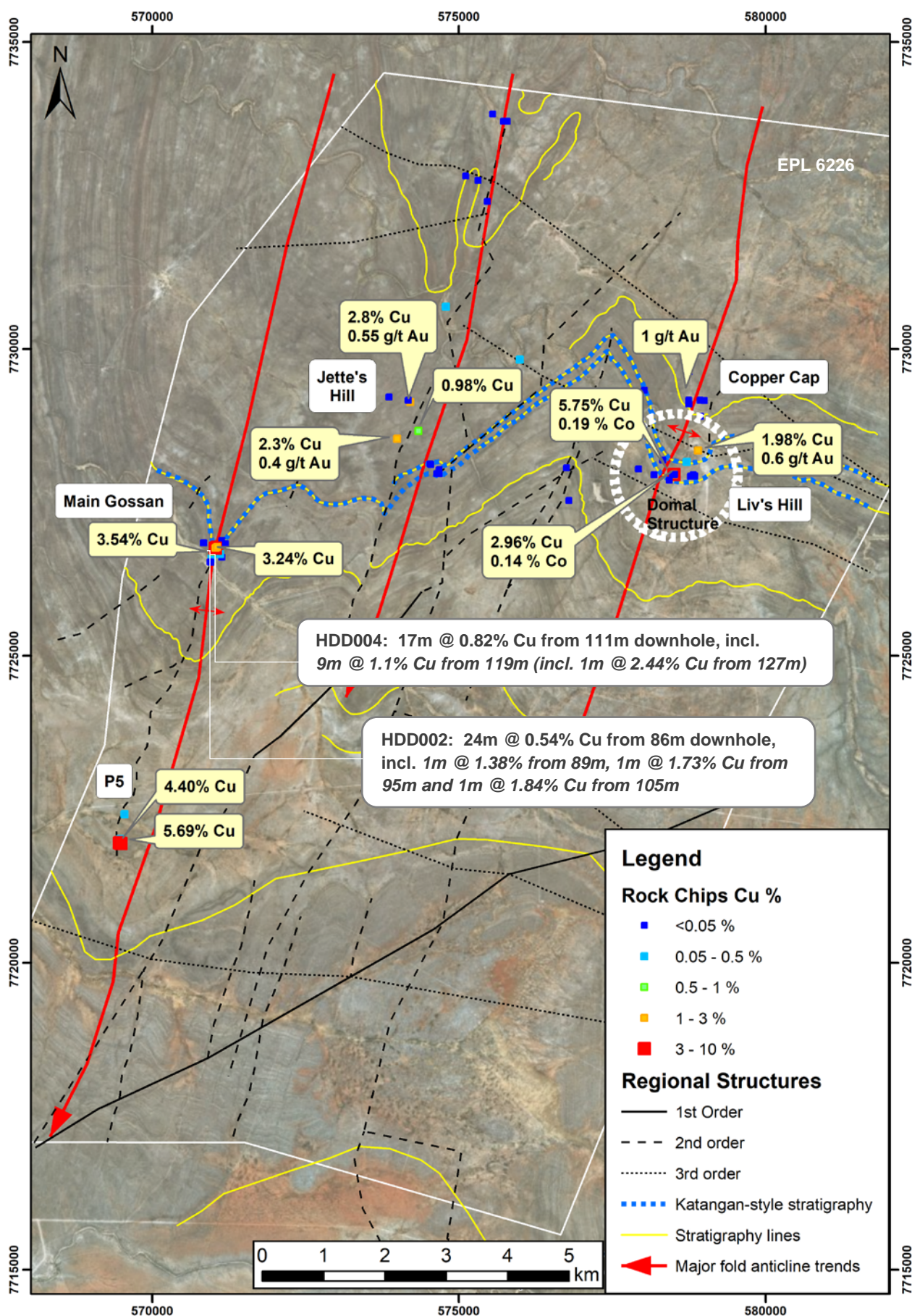


Figure 1. Multiple copper targets at Hagenhof (EPL6226) over a +8km stratigraphic copper bearing 'Katangan style' horizon.



### Planned work program

Preparation are underway to recommence ground magnetics over Hagenhof which has been effective at identifying targets to date. Following receipt of the assays the follow up work programs are planned to include:

- electro-magnetic (EM) work at Main Gossan and Liv's Hill, Hagenhof;
- reverse circulation and diamond drilling at Hagenhof;
- exploration and auger drilling at Katerina Project; and
- preliminary metallurgical studies.

For additional information on Tanga and the Company's project please visit: [www.tangaresources.com.au](http://www.tangaresources.com.au)

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### Competent Person Statement

The information in this report that relates to the exploration results, geology and geophysical interpretation was based on material compiled by John Stockley. Mr Stockley is a Member of the Australian Institute of Geoscientists and is a Director of Tanga Resources Limited. Mr Stockley has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which was being undertaken to qualify as Competent Person as defined in the 2012 Edition of the JORC "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (the JORC Code). Mr Stockley consents to the inclusion in this report of the matters based on his information in the form and content in which it appears and confirms that the information in this report is an accurate representation of the available data and studies for the project.

### Previously Reported Results

There is information in this report relating to exploration results which were previously announced on 15 August 2018, 16 October 2018, 15 April 2019, 28 May 2019 and 21 August 2019. Other than as disclosed in those announcements, the Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements.

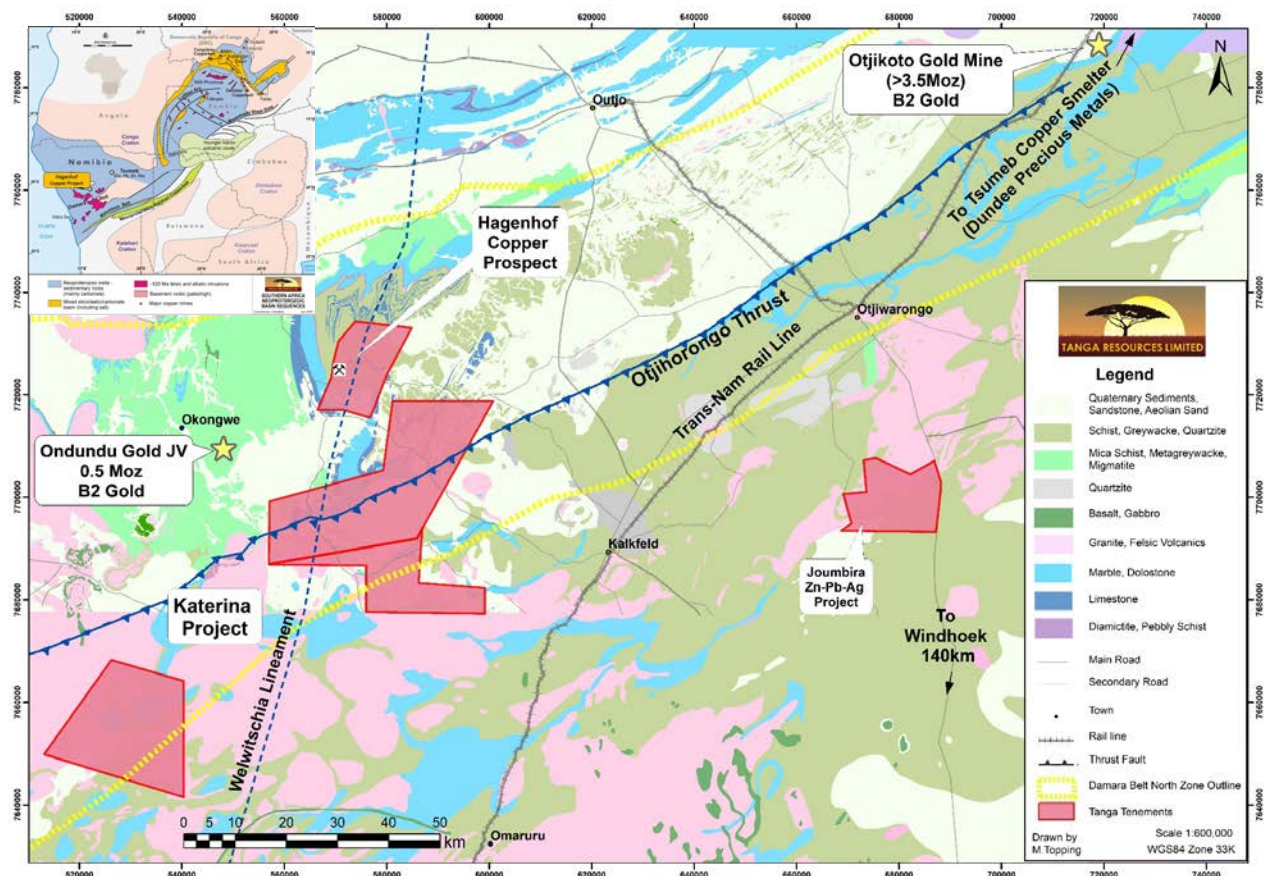


Figure 2. Location of Tanga's Projects on the Damara Belt Namibia, and surrounding infrastructure.