

MANTO MINING PTY LTD

FIFTH ANNUAL TECHNICAL REPORT

EXPLORATION LICENCE 28904

27 MARCH 2016 – 26 MARCH 2017

Titleholder	Manto Mining Pty Ltd
Project Operator	Manto Mining Pty Ltd
Titles/Tenements	EL 28904
Tenement Manager/Agent	AMETS
Mine/Project Name	N/A
Personal author(s)	Zhihua Han
Company reference number	N/A
Target Commodity or Commodities	Fe, Cu, Au
Date of report	27 May 2017
Datum/Zone	GDA94/Zone 53
250 000 K Mapsheet	Pine Creek SE5314
100 000 K Mapsheet	Short Range 5659 Flynn 5759
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1. Abstract

Exploration Licence 28904 (the licence) is located approximately 35km North-West of Tennant Creek and has an area of 513.14 square kilometres.

The area is situated within the Warramunga and Tomkinson Provinces of the Northern Territory. The Warramunga Province is highly prospective for IOCG mineralisation and is also known to host base metals and Uranium. The Tomkinson Province is known to host manganese deposits and it also has a potential to host base metal deposits. The area has long been a target for exploration and Manto Mining believe the area is highly prospective for an economic IOCG deposit.

Work during the reporting period comprised of 456 of geological points, 26 of profiles(36916m), geological lines(64008m) and anomaly check.

2. Copyright

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This document and its contents are the copyright of Manto Mining Pty Ltd. The document is for submitting to the Department of Primary Industry and Resources of the Northern Territory, as part of the tenement reporting requirements of the *Minerals Titles Act 2010*. Any information included in this report that originates from historical reports or other sources is listed in the 'References' section at the end of this document. Manto Mining Pty Ltd authorises the Department of Primary Industry and Resources to copy and distribute the report and associated data.

3. Location and Access

The licence is located approximately 35km North-West of Tennant Creek in the Northern Territory and can be accessed from the Stuart Highway, thence via existing public roads and tracks.

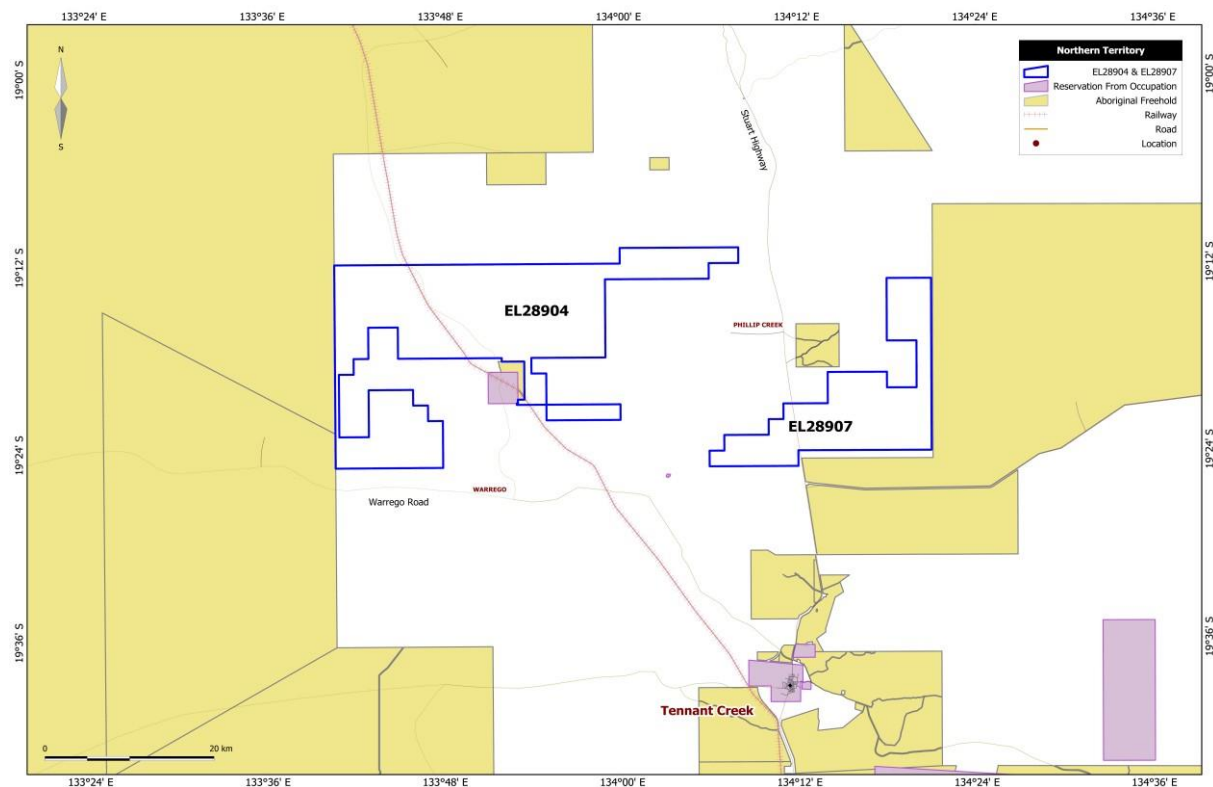


Figure 1- Location Map

4. Tenure and Land Use

Exploration Licence 28904 was granted for six years to Manto Mining Pty Ltd (Manto) on 27 March 2012 and comprised of 170 blocks (513.14 square kilometres). Manto was recently purchased by Australia China Corporation of Coal Geology Engineering Pty Ltd and Anhui Honren Co.(Group) Ltd, with the shareholding of 60% and 40%, respectively.

The licence is covered by a pastoral lease, which is identified as NT Portion 408, Perpetual Pastoral Lease 946. As at 14 May 2014 the pastoralists of this portion are recorded as Charles and Judy Warby. The Darwin to Adelaide Railway also intersects the licence, which has the identification of NT Portion 5476, Crown Lease Term 1880.

5. Topography & Hydrology

The topography within the area is dominantly low, with limited outcrops. Small Creeks flow through the licence during the wet season. The Darwin to Adelaide Railway intersects through the middle of Exploration Licence 28904.

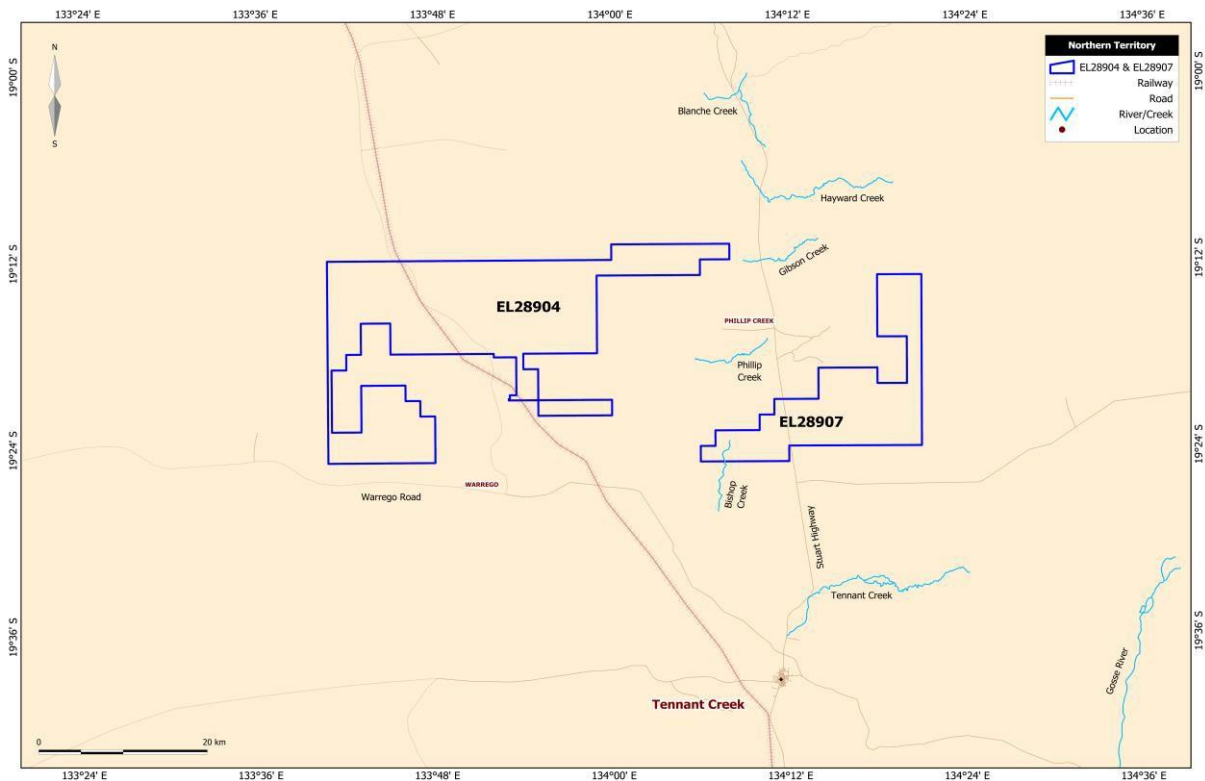


Figure 2- Topography Map

6. Geology

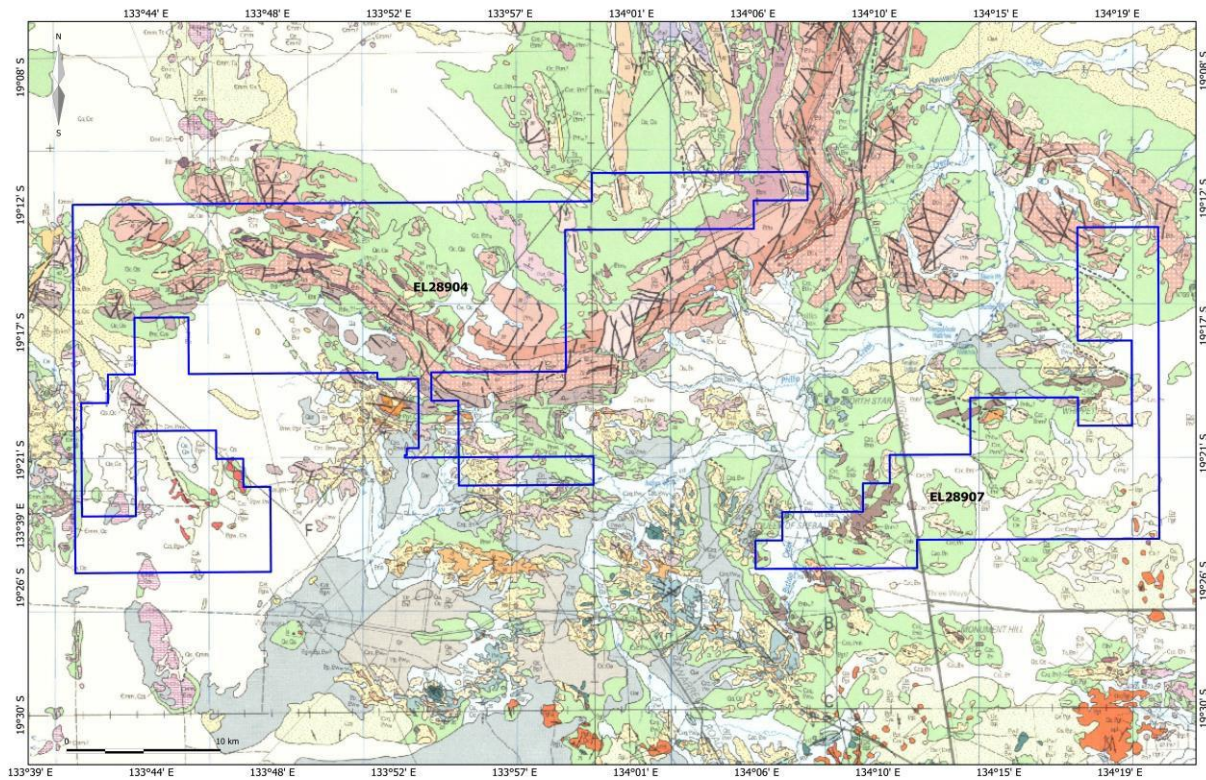
The licence area is situated within the Warramunga and Tomkinson Provinces within the Tennant Creek Region of the Northern Territory. The Warramunga Province consists of greywacke, shale, siltstone, sandstone, hematitic shale, granite, dolerite, basalt, dolostone and felsic volcanics. The Tomkinson Province largely comprises of sandstone, dolostone, shale and basalt.

The area is known to hosts numerous commodities which include gold, base metals, iron ore and manganese. The Tennant Creek Region is well known for IOCG mineral exploration.

An unconformity between the Warramunga Province and the Tomkinson Province intersects the licence, where the Flynn Group overlies the older deformed Warramunga Formation. The Flynn Group consists of relatively undeformed and un-metamorphosed sedimentary rocks and volcanics.

Outcrop in the south-eastern part of the licence is limited with large areas of recent sand, soil and colluvium deposits.

As seen in Figure 3, complex faulting and folding is present within sandstone lithofacies.



Map Legend in Appendix 1

Figure 3- Geology Map

7. Exploration Rationale

The area is within the Tennant Creek Region which is well known to host significant iron ore copper gold (IOCG) gold deposits. Manto believes that there is a potential for the area to host an economic IOCG deposit.

8. Previous Exploration

Historically, within the licence area, exploration companies have explored for numerous commodities, which mainly include gold and base metals.

A recent historical titleholder of the area was Meteoric Resources (Meteoric). While Meteoric held the tenure over the area, a high-resolution aeromagnetic survey was conducted, which identified numerous magnetic anomalies. It was found that anomalies some of the anomalies may be stratigraphic, but a number also appear to relate to structures. There is also at least

one anomaly which appears to be of the classic “bulls eye” Tennant Creek style, which hosts the majority of copper–gold mineralization in the field. (Reddy, 2013)

9. Exploration During Reporting Period

Work during the reporting period comprised of 456 of geological points, 26 of profiles(36916m), geological lines(64008m) and anomaly check.

10. Conclusions and Recommendations

From the geophysical interpretation, Manto was able to identify the characteristics of strata, structure and magmatite of the tenement and the characteristic of geologic body which leads to aero anomaly. During the next reporting period (27 March 2017 to 26 March 2018), Manto intends to search for the iron mineralized zone, roughly identify its continuity, thickness variation and roof and floor lithologic characteristic.

11. References

C. A. Mulder, Tennant Creek, Sheet SD 53-14, second edition, scale 1:250K, Department of Mines and Energy, Mercury- Walch Pty Ltd, 1998

D. Reddy, Annual and Final Report for EL24138 for the period 8 October 2004 to 15 October 2013 Warrego, Tennant Creek, Northern Territory, Meteoric Resources NL, 2013

12. Appendices

Appendix 1- Geology Map Legend- (*C. A. Mulder*)

Appendix 2- Geophysical Logistic Report