

2017

JRE MINING PTY LTD

Wendy Jettner

[ANNUAL TECHNICAL REPORT EXPLORATION LICENCE 23875]

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TENURE: EXPLORATION LICENCE 23875

TITLE: ANNUAL TECHNICAL REPORT

REPORT PERIOD: 17/10/2016 – 16/10/2017

PROJECT NAME: TANAMI

TITLE HOLDER: JRE MINING PTY LTD

TITLE OPERATOR: JRE MINING PTY LTD

PERSONAL AUTHOR: WENDY JETTNER

COMPLETE TENEMENT MANAGEMENT PTY LTD

REPORT TYPE: ANNUAL TECHNICAL REPORT

250K MAPSHEETS: MOUNT SOLITAIRE (SE52-04)

100K MAPSHEETS: SOLITAIRE

GEOLOGICAL PROVINCE: AILERON PROVINCE

TARGET COMMODITY: GOLD

OTHER COMMODITIES: BASE METALS

PURPOSE FOR WHICH

TITLES ARE HELD: GOLD AND BASE METAL EXPLORATION

TITLE HISTORY

Exploration Licence (EL) 23875 was applied for on 31 March 2003 and was granted to JRE Mining Pty Ltd on 17 October 2017 for a period of 6 years. EL23875 covers an area of 80 1 minute graticular blocks (256.9 km²).

LOCATION, PHYSIOGRAPHY AND ACCESS

EL23875 is located approximately 428km northwest of Alice Springs. Land tenure under the title is NT Portion 1740 owned by the Central Desert Aboriginal Land Trust. Access to the title from Alice Springs is North West via the Tanami Road to the Granites gold mine and then along graded tracks to the East.

GEOLOGY SETTING

EL23875 is within the Arunta Region of the Aileron Province. The lithology is variably metamorphosed clastic sediments, meta volcanic rock dolerite, mafic rock and granite. A variety of commodities are found in the region, including metamorphosed VMS and carbonate replacement Pb-Zn-Cu iron-oxide Cu-Au, orogenic Au, Sn, mafic hosted Ni-Cu and hydrothermal U.

EXPLORATION/MINING HISTORY

As EL23875 is on Aboriginal Freehold Land very little modern exploration has been undertaken in the area. Airborne surveys and geological mapping of exposed rocks have previously been undertaken by NTGS.

EXPLORATION RATIONALE

Given the proximity to the Granites mine the focus of exploration is to locate gold or base metal material with possible economic potential, using the data from NTGS in the first instance.

WORK COMPLETED

No field work was undertaken during the First Licence Year due to the timing of grant and lack of planned Central Land Council work program meetings. Desk top studies and data was gathered to identify potential target areas to obtain clearances with the Traditional Owners in time for next field season.

RESULTS

The entire area of the Exploration Licence has geological potential, however access will need to be agreed and clearances will be undertaken with the Traditional Owners via the Central Land Council.

CONCLUSIONS /RECOMMENDATIONS

Access negotiations need to be completed prior to any on ground exploration. It is expected this should happen Dry Season 2018 and then a reconnaissance field trip can be undertaken.



STRIKE - Department of Primary Industry and Resources
 EL 23875



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Topographic data sourced from Geoscience Australia and the Department of Infrastructure, Planning and Logistics

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