

EL 29728 First Annual & Final Report For the Period 5 June 2013 to 4 June 2014

DATE	9 June 2014	
HOLDER	Falcon Minerals Limited	
OPERATOR	Falcon Minerals Limited	
AUTHOR	R Smit	
MAP SHEETS:	1:100,000	Numagalong (5656), Crawford (5655)
	1:250,000	Bonney Well (SF53-2), Barrow Creek (SF53-6)
PROJECTION	GDA94 MGA Zone 53	
MINERAL PROVINCE	Arunta	
COMMODITY:	Au, Cu, Ni	
KEY WORDS:	gold, magmatic Ni sulphide,	

Abstract

EL29728 is 300km north of Alice Springs in the Northern Territory. Access to EL29728 is west off the Stuart Highway via a network of station tracks. The mapped geology of EL29728 indicates widespread colluvium with only a few isolated outcrops of Proterozoic basement belonging to the Davenport Province. No field work was undertaken during the report period. The geological and structural interpretation of available historical information did not generate any high priority targets. Given the difficult equity markets and the Company's lack of funds it was decided to surrender EL29728.

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1. INTRODUCTION

EL29728 is approximately 300km north of Alice Springs in the Northern Territory (Figure 1). Access is west off the Stuart Highway via a network of station tracks.

This report summarises the exploration activities completed on EL29728 (EL) during the reporting period 5 June 2013 to 4 June 2014. No field activities were completed. Activities involved office based studies and re-interpretation of geo-scientific information.

Tenure Information

EL29728 was granted to Falcon Minerals Limited (**Falcon**) on 5 June 2013 for a period of 6 years. Following a review of historical exploration coupled with deteriorating equity markets the Company made a decision to surrender the exploration licence after Year 1.

2. GEOLOGY

The EL is located in the Davenport Province. It is situated along the north-eastern margin of a prominent east-west trending gravity feature. The gravity feature is truncated by a major northwest - southeast structural zone. There are a number of small to modest size magnetic features within the area and these are interpreted to occur along thrust faults. These magnetic features are regarded as direct targets for base metal mineralisation (Cu-Ni-Pb-Zn).

The mapped geology of the EL indicates widespread colluvium with only a few isolated outcrops of Proterozoic basement (Figure 2 – Geology Map). The exploration intent was to assess the magnetic features along the fault lines (Figure 2 – Magnetic Map).



Figure 1: Location of EL29728



Figure 2: EL29728 Geology and Magnetic Map

3. EXPLORATION RATIONALE

The exploration target for this part of the Arunta was magmatic Ni sulphide mineralisation hosted within a large mafic-ultramafic intrusive complex (major gravity-magnetic features in the district). Unfortunately the ground position obtained was not considered optimum. The gold potential of the tenement was considered given the known gold mineralisation at the nearby Kroda Prospect.

4. PREVIOUS EXPLORATION

A due diligence of previous mineral exploration was undertaken and this showed that there has been very little direct exploration within the area of the EL. Geochemical surveys and nearby drilling has been reviewed.

5. EXPLORATION COMPLETED BY FALCON

No field exploration was completed on the EL. Office studies were completed reviewing available regional geophysical datasets, surface geochemical datasets and drilling datasets. Neither targets nor areas of interest were defined.

6. CONCLUSION

The geological and structural interpretation did not generate any high priority targets. Given the difficult equity markets and the Company's lack of funds it was decided to surrender the EL.