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EPM 14357, RANGEVIEW
NORTHWEST QUEENSLAND

ANNUAL REPORT FOR THE YEAR ENDED 15 MAR 2009

Data presented in
GDA 1994 MGA Zone 54

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SUMMARY

The 100% owned (BHPB) EPM 14357 was granted on the 15th of March 2005.

This Annual Exploration Report describes all work carried out by BHPB for the 12 month period ending 15 September 2009.

EPM 14357 is located 16 km northeast of Cannington mine in northwestern Queensland.

The principle exploration target within this EPM is Broken Hill type (BHt) Pb-Zn-Ag (e.g. Broken Hill or Cannington).

Exploration work carried out by BHPB during this reporting period included:

- Target discussion based magnetic anomalism
- Magnetic ground surveys
- Relinquishment of 13 sub-blocks

TABLE OF CONTENTS

List of Figures

List of Tables

List of Appendices

1. INTRODUCTION

This Annual Report describes “brownfields” exploration work for the Cannington Mine carried out by BHP Billiton Minerals Pty Ltd (BHPB) during the 12 month period ended 15 March 2009 on exploration tenement EPM 14357 (“the EPM”), northwest Queensland.

EPM 14357 is located approximately 16 km northeast of the Cannington mine-site in northwest Queensland (**Figure 1**) and is 100% owned and operated by BHP Billiton Minerals Pty Ltd.

The principle exploration target within this EPM is Proterozoic, Broken Hill type (BHt) Pb - Zn - Ag mineralisation (e.g., Cannington).

2. TENURE

A tenement location map is included as **Figure 1**; tenement and sub-block details are shown in Tables 1 and 2.

Table 1: Tenement Details

EPM	Name	No. Sub – Blocks	Grant Date	Expiry Date
14357	Rangeview	17	15 March 2005	14 March 2010

The EPM comprises of 4 sub-blocks (**Table 2)** and 13 recently relinquished sub-blocks.

Table 2: **EPM 14357 Sub-block Details**

BIM	Block	Sub-blocks
CLON	1549	a,b,c,d*,e*,h, j*, k*, p*, u*
CLON	1550	a*,b*,f*,g*,l*,p*
CLON	1476	u*

TOTAL – 17 Sub-blocks

*On the 14th of March 2009 13 sub-blocks were relinquished.

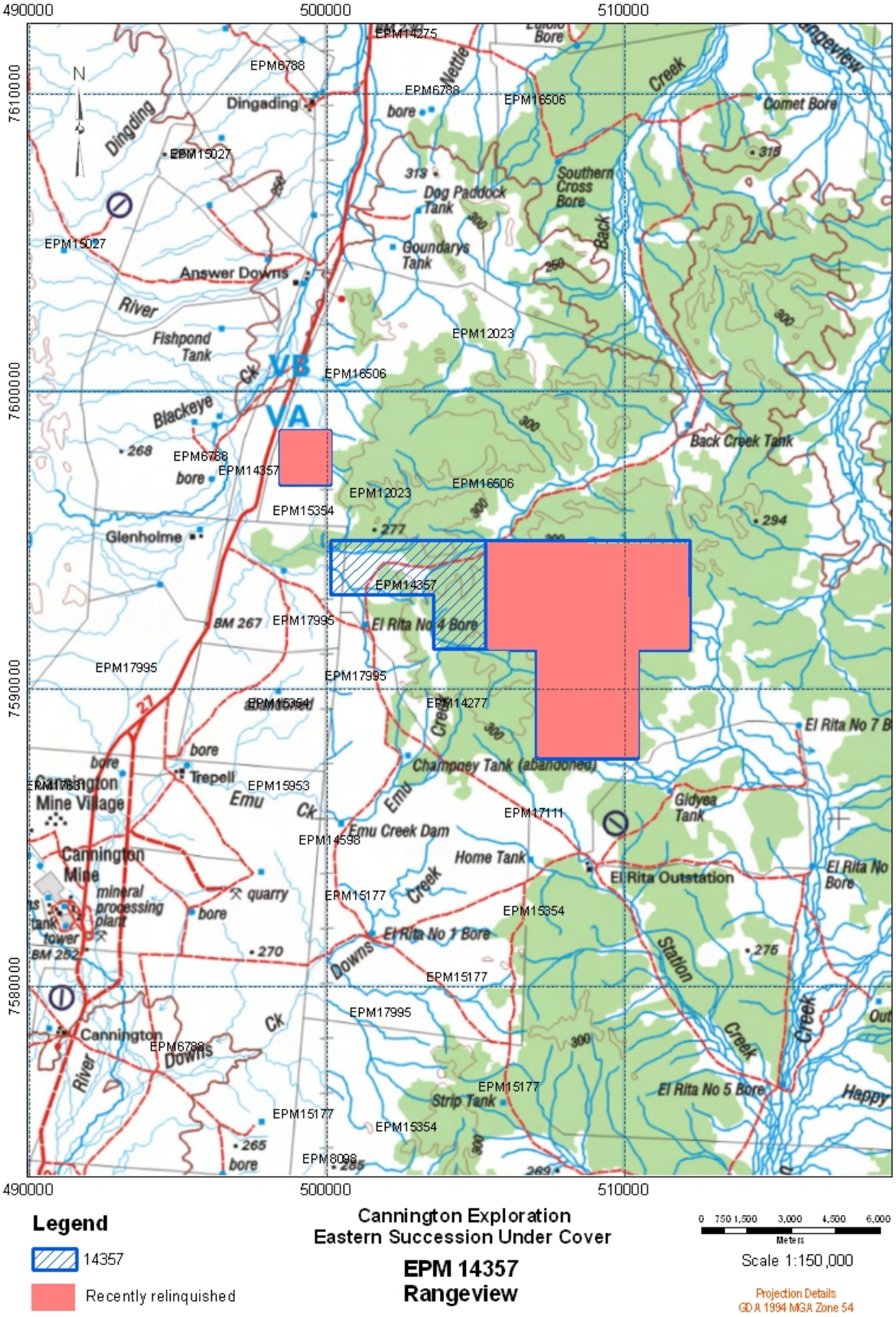

Figure 1 Location map.

3. GEOLOGY

Our current geological understanding suggests that the stratigraphy in the project area comprises the basal units of the Soldiers Cap Group (Mt Norna Quartzite and Llewellyn Formation), as well as the underlying Fullarton River Group comprising the Gandry Dam and Glen Idol Schist. (Table 3)

The dominant lithologies in the Soldiers Cap Group are meta-siliciclastics which include planar bedded pelitic schists with graded bedding; thin units of cross-bedded immature quartzo-feldspathic meta-arenites and orthoquartzites; and intervals of more abundant interbedded basic volcanics and basic sills with minor carbonaceous schists, calc-silicates and quartzites. Overall there is a distinctive absence of significant carbonate sequences or acid volcanics, and a dominance of immature clastics. Thin horizons of banded iron formation associated with small base-metal showings occur at restricted stratigraphic levels, generally within the Mt Norna Quartzite.

Most of this prospective Proterozoic basement rocks in the Cannington area are covered by a variable thickness of flat-lying Mesozoic sediments assigned to the Eromanga Basin. This has forced most of the previous and current exploration companies in the area to rely on the use of geophysical surveys as the main exploration tool. BHPB in the past has completed a number of aeromagnetic, regional gravity and GEOTEM surveys in the Southern Soldiers Cap and Cannington regions, building up an extremely valuable geophysical database.

Table 3 Lithostratigraphic and geophysical comparison between the Soldiers Cap Group and Fullarton River Group.

Soldiers Cap Group			**Fullarton River Group**	
Stratigraphic Unit	Lithology	Geophysical Expression	Lithology	Geophysical Expression
Toole Creek Volcanics	Mafic volcanics, mafic sills interbedded with carbonaceous slates/phyllites. Minor BIFs at base	Non-weakly magnetic. Dense packages due to mafics. Regionally extensive formational conductors	Amphibolite intercalated with graphitic schist-gneiss	Non-weakly magnetic, although amphibolite commonly contain post-tectonic albite-magnetite-amphibole alteration. Dense packages due to mafics. Regionally extensive formational conductors
Mt Norna Quartzite	Well bedded. Graded bedding of feldspathic quartzite and wackes with subordinate pelitic mudstones/siltstone. Contains minor-moderate basic sills and thin BIFs	Non magnetic package with short-strike length magnetic units (basic sills and BIFs). Low-moderate density. Non-conductive	Intercalated pelites and psammites. Moderate amphibolite with minor BIFs	Non magnetic package with short-strike length magnetic units (basic sills and BIFs). Low-moderate density. Non-conductive
Llewellyn Creek Formation	Bedded quartz-mica psammite and pelite with graded turbiditic cycles	Non-magnetic. Density is low-moderate. Non-conductive	Pelitic and psammitic gneiss grading into migmatitic quartzo-feldspathic gneiss. Minor amphibolite	Non-magnetic. Density is low-moderate. Non-conductive

4. EXPLORATION WORK COMPLETED DURING THE PERIOD

4.1 Introduction

During the reporting period 13 sub-blocks were relinquished (see relinquishment report). No drilling was completed over the tenement. Minor ground magnetic surveys were completed across part of the now relinquished section of the tenement with no significant results.

4.3 Drilling

No drilling was completed during the reporting period. A single relatively deep drill hole program was discussed to target anomalous magnetic stratigraphy on an area bordering with EPM14277. This drill hole was not completed.

4.4 Geophysics

A GPS based ground magnetic survey was conducted over tenements EPM14357 and EPM14277, as shown below in Figure 2. The ground magnetic lines were an exercise to back up airborne data. No significant anomalies were found. Ground magnetic data is attached as Appendix 1.

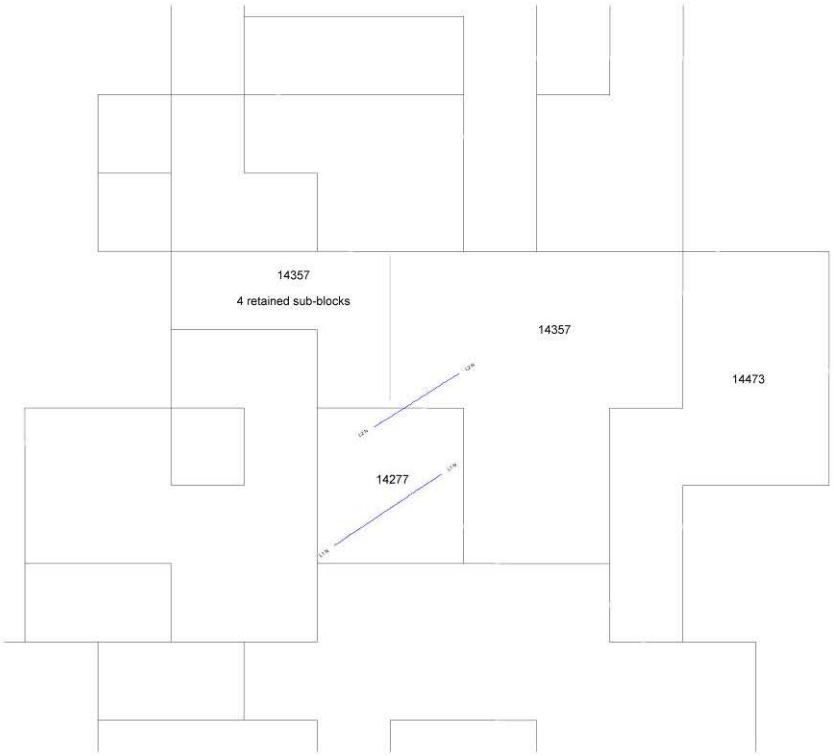

Figure 2 Ground magnetic survey lines.

5. CONCLUSIONS

Future work will include a desktop review over tenement EPM14357. This will include discussion of historical data and the prospectivity of the area.

EPM14357 is 100% owned and operated by BHP Billiton Minerals Pty Ltd. Late in the reporting period 13 sub-blocks were relinquished, leaving 4 sub-blocks in the tenement.

The EPM was partially covered by ground magnetic surveys conducted in early 2008.

APPENDIX 1

GPS Based Ground Magnetic Data