



# **COPPER STRIKE LTD**

**Annual Report for EL 35/2004**

**LAKE MARGARET PROJECT**

**for the year ending 24<sup>th</sup> of December 2007**

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### APPENDIX 1 Finalized Assay Results

### FIGURES

**Figure 1: Lake Margaret: Regional geological setting and simplified geology of Copper Strike's tenement showing the principal deposits and prospects.**

## INTRODUCTION

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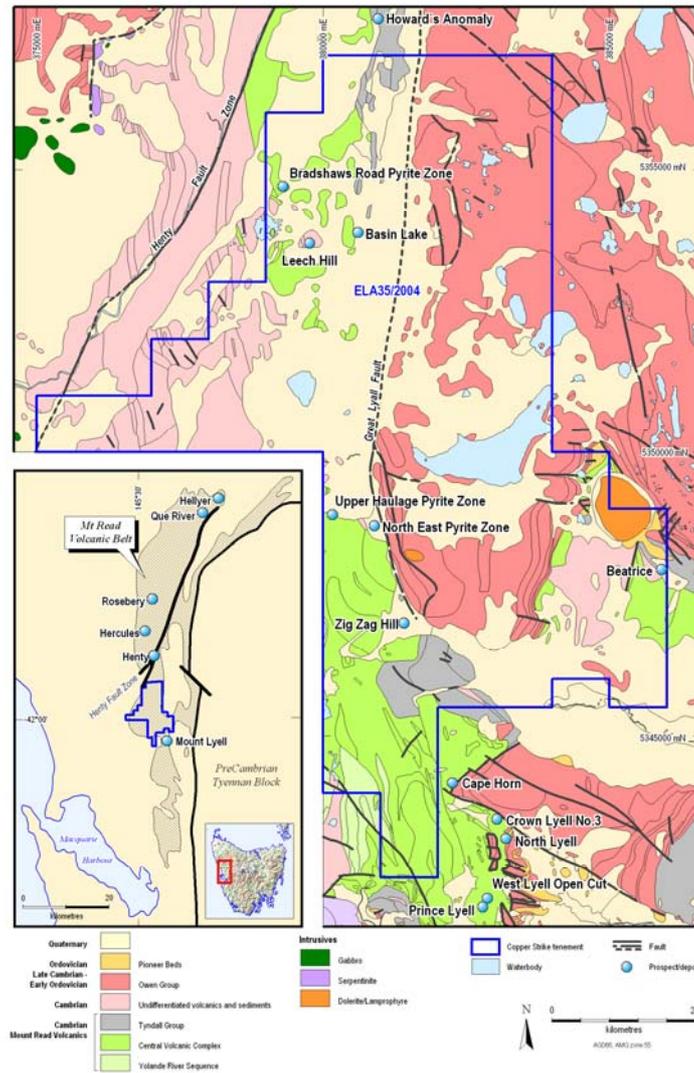
The Lake Margaret Project (EL 35/2004) is located along the faulted contact between the Mount Read Volcanics and Owen Conglomerate in western Tasmania. The Copper Strike tenement is situated immediately north of the Mount Lyell Copper (gold) mining district. Since 1893 the Mount Lyell mines have produced over 1.2 million tonnes of copper and 45 tonnes of gold, plus smaller amounts of lead and zinc, from around 20 separate orebodies.

The bulk of the Mount Lyell copper production has come from large disseminated pyrite-chalcopyrite orebodies (eg West Lyell, Prince Lyell), but a significant proportion (~30%) has been derived from smaller, but richer, bornite-chalcopyrite deposits (eg North Lyell).

Copper Strike acquired the Lake Margaret property for its Mt Lyell-style copper (gold) potential based on the following:

- The property contains Mount Read Volcanics rocks equivalent to those south of the tenement which host the Mount Lyell orebodies, namely andesitic volcanics in the upper part of the Central Volcanic Complex, at or close to the contact with the overlying Lynchford Member of the Tyndall Group.
- There has been extensive geophysical coverage, but limited follow-up drilling, of this prospective stratigraphy in the property.
- Lower in the Mount Read Volcanics stratigraphy are a number of pyritic alteration zones which have not been drill tested in any detail.
- Previous exploration of the property appears to have been directed more towards stratiform massive sulphide mineralisation rather than discordant Mt Lyell-type copper-gold orebodies.

Work to date includes a review of previous exploration, re-interpretation of an airborne EM survey, completion of a local IP survey and one diamond drill hole located to test an anomaly from interpretation of the IP data.



**Figure 1: Lake Margaret: Regional geological setting and simplified geology of Copper Strike's tenement showing the principal deposits and prospects.**

## 1 TENEMENT DETAILS

EL 35/2004 was granted to Copper Strike Limited Ltd on 22<sup>nd</sup> February 2005, until 24<sup>th</sup> December 2009 (subject to conditions) and comprises approx 69 km<sup>2</sup> in area. The Mt Lyell Mining Lease overlaps (and takes precedence over) the southern boundary of the tenement; at least one other small Mining Lease is present.

## 2 PREVIOUS WORK

### 2.1 Compilation and review of all previous mineral exploration

The main focus in previous exploration at Lake Margaret has been for stratabound “VHMS” Pb-Zn-Ag mineralisation, and “Mt Lyell type” Cu-Au associated with massive pyrite. A comprehensive summary of previous exploration for the Lake Margaret Project Area, including a list of exploration reports relevant to EL35/2004 was included as Appendix 1 in the Copper Strike Ltd. Annual Report for EL35/2004 Lake Margaret Project for the year ending 24<sup>th</sup> December 2005 .

### 2.2 Geophysical Review

A review of the geophysics, particularly airborne EM, was completed in 2005 and included as Appendix 2 in the Copper Strike Ltd. Annual Report for EL35/2004 Lake Margaret Project for the year ending 24<sup>th</sup> December 2005.

### 2.3 Induced Polarization Survey

In February 2006 an Induced Polarization survey was conducted on the tenement in by SJ Geophysics to define a drilling target following the work and proposal of Vicary (2003) for Aurion Gold. Details and results from this survey were included in the Copper Strike Ltd Annual Report for EL35/2004 Lake Margaret Project for the year ending 24<sup>th</sup> December 2006.

### 2.4 Drilling

A drill target was identified from the IP survey completed in April 2006 and drilled November 2006. A drill hole logging report was presented in Appendix 3 and detailed logs in Appendix 4 of the Copper Strike Ltd Annual Report for EL35/2004 for the year ending 24<sup>th</sup> December 2006. Preliminary assay results were reported in Appendix 5. Finalized assay data is included as appendix 1 of this report.

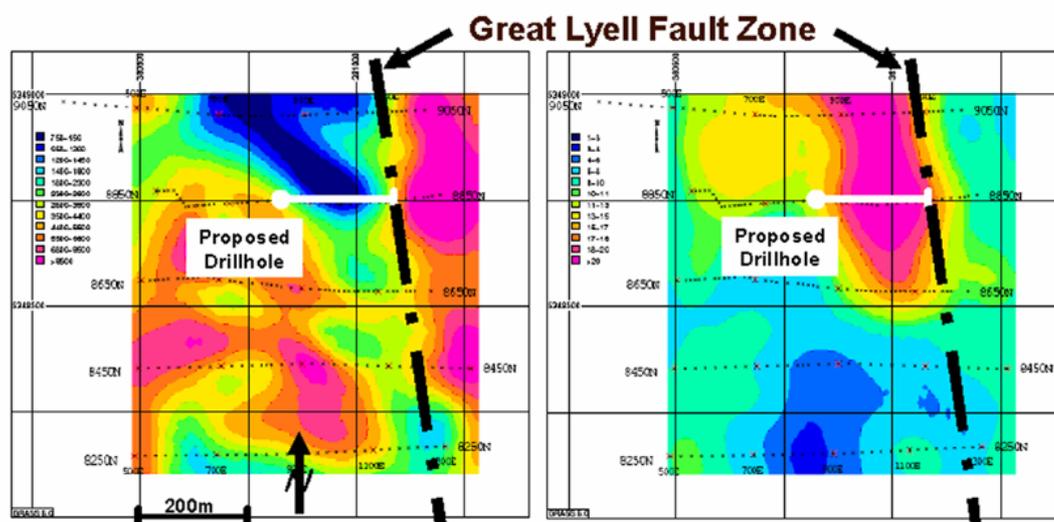


Figure 4: Location of Drill Hole LMD01 on IP Plans

### **3 WORK COMPLETED BY COPPER STRIKE IN 2007**

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Copper Strike completed in house evaluation of the drilling and IP results from the previous field season. No new field work occurred.

### **4 PROPOSED WORK PROGRAM FOR 2008**

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The current IP survey shows the anomaly open to the north. In 2008 Copper Strike plans extend the IP survey to the north and south of the existing grid to define new drill targets.

### **5 EXPENDITURE**

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Expenditure on EL 35/2004 1 January 2007 to 22 November 2007 was \$42,882.52 comprising:

- Geology 20,747.40
- Administration 750.00
- Drilling 17,635.65
- Rent 1,252.66
- Geochemistry 2,496.81

Total Expenditure to date is \$184,021.10

### **6 REFERENCES**

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Terry Lees, Copper Strike Ltd. Annual Report for EL35/2004 Lake Margaret Project for the year ending 24<sup>th</sup> December 2005 (unpubl).

Terry Lees and Ellen Eadie, Copper Strike Ltd. Annual Report for EL35/2004 Lake Margaret Project for the year ending 24<sup>th</sup> December 2006 (unpubl).

Vicary M, 2003. Final Report EL 6/98 Beatrice/Moxon Saddle; Aurion Gold P/L (unpubl) TCR 03-4882.