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BEACONSFIELD GOLD N.L

ACN 057 793 834



Report on Exploration to 19 Sept 2001 - ELs 30/97, 12/99 and 7/00  
Beaconsfield Gold NL\*  
Anon  
EL12/1999; EL30/1997

**MICROFILMED**  
FICHE No.015621 -

EL's 30/97, 12/99, 7/00

**Cobblestone Creek Project**

**Report on Exploration to 19 Sept  
2001**

MINERAL RESOURCES		
FILE REF:		
13 SEP 2001		
DOC. REF:		
OFFICER	FOR ACTION	FOR INFO
EL7/2000 P1		
See folio 14.		
EL 30/97 P1		
See folio 10		
RESUBMIT TO	DATE	
EL12/99 P1		
See folio 40		

Beaconsfield Gold NL

20 August 2001

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## **INTRODUCTION AND TENEMENT INFORMATION**

The Cobblestone Creek exploration project involves all of EL 30/97 and parts of ELs 12/99 and 7/00 (Figure 1). These adjoining tenements cover the Cobblestone Creek thrust slice, as predicted below the Permian and Cainozoic cover sediments shown on Figure 2.

The three licences have differing histories. EL 30/97 was originally issued to Allstate Explorations NL for a 5 year term to 19 September 2002. The licence was voluntarily transferred from Allstate to Beaconsfield Gold NL on 18 January 2000.

EL 12/99 is a four part licence (Figure 1) awarded to Beaconsfield Gold via their bid for Exploration Tender Area 498 in March 1999. The licence was issued for 5 years to 18 July 2004.

A joint reporting facility for ELs 30/97 and 12/99 was authorised by Mineral Resources Tasmania on 11 January 2000, with no consolidation of licences involved. BGNL holds 100% equity in the licences.

EL 7/00 is also being acquired through the tender system. ETA 518 covered 19 km<sup>2</sup> (in three portions) of the Beaconsfield Mine Joint Venture licence EL 20/94, which was subject to statutory 50% relinquishment after 5 years. In March 2000 Beaconsfield Gold NL successfully tendered for ETA 518 and the current status of the subsequent EL 7/00 is an application, pending local landowner objections being resolved. This is anticipated in August 2001.

The northeastern block of EL 7/00 covers the projected SSE half of the Cobblestone Creek thrust slice (Figure 2) and therefore is included in the joint tenement reporting for the project.

Land tenure consists of freehold pasture, light forest and low density residential infrastructure and year round access exists to the entire area.

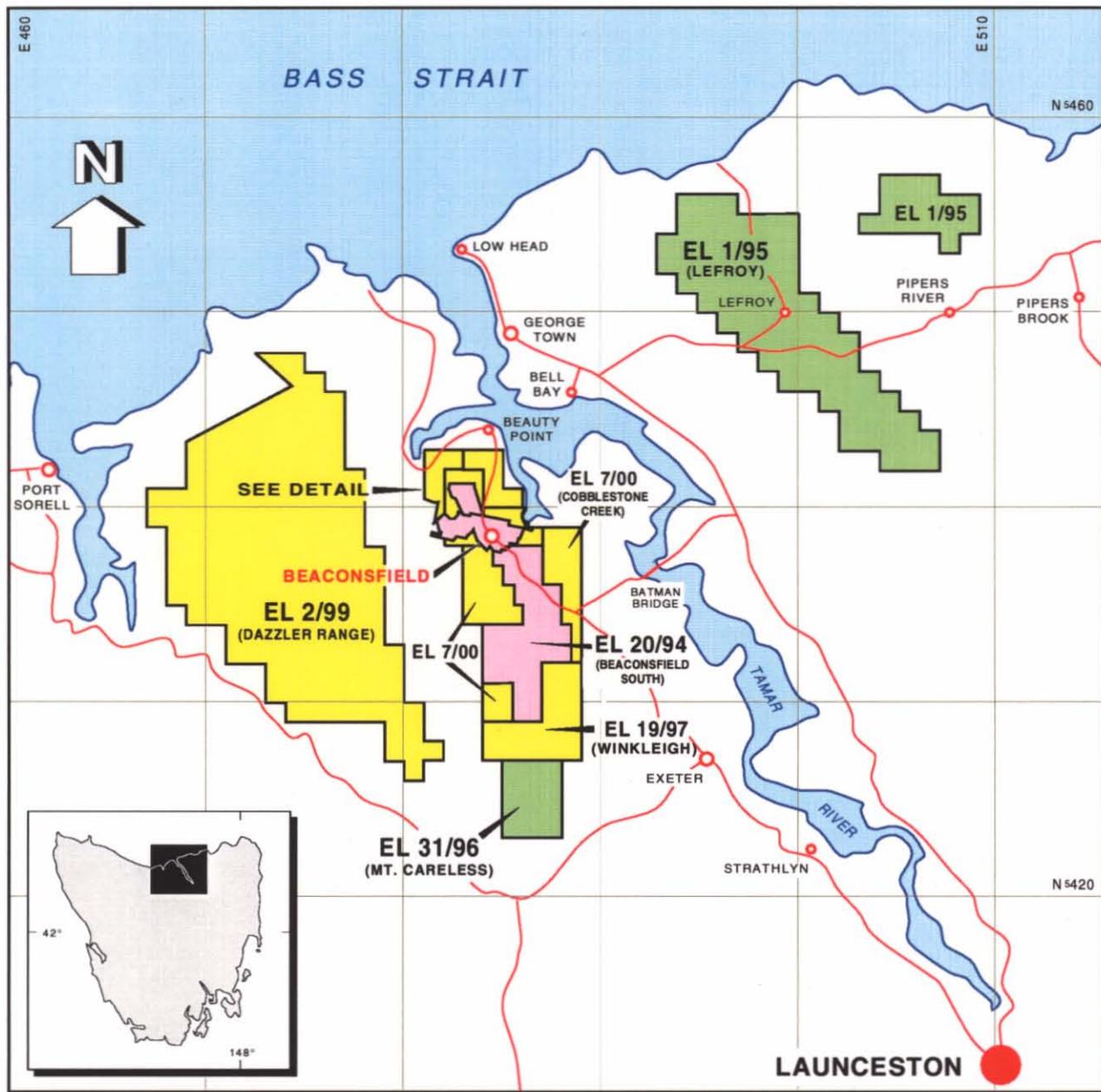
A reporting anniversary of 19 September, which co-incides with the anniversary of EL 30/97, was established for the project and this is the second report covering all work done to date on the area by Beaconsfield Gold NL.

BGNL holds 100% equity in the licence.

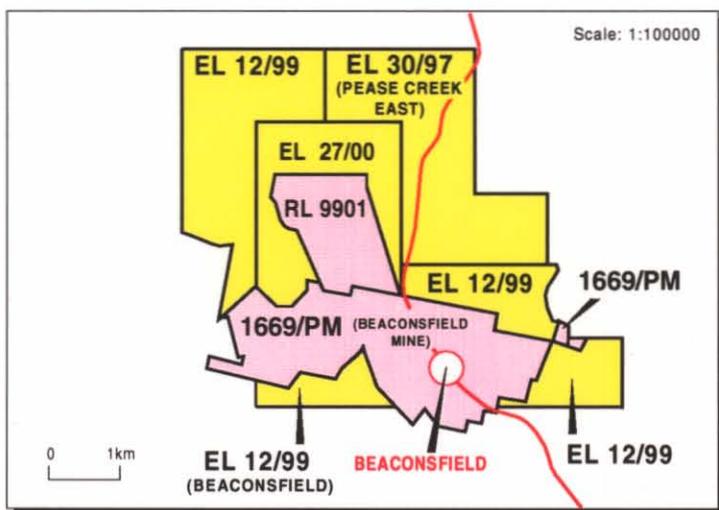
## **REVIEW OF PREVIOUS EXPLORATION**

The Cobblestone Creek exploration project covers EL 30/97 and parts of the adjoining EL's 12/99 and 7/00. The project aims to explore Cambrian-Devonian rocks within the Cobblestone Creek thrust slice, almost all of which are buried beneath Permian and Cainozoic cover sediments.

The area was covered by a 1998 helimagnetics survey which suggests several linear structures extend NE from the Cabbage Tree Hill thrust slice (including the Tasmania Reef) and cross the Cobblestone Creek thrust slice, where potential Mine Sequence correlates remain totally unexplored because of the cover rocks.



0 10 km



5 cm

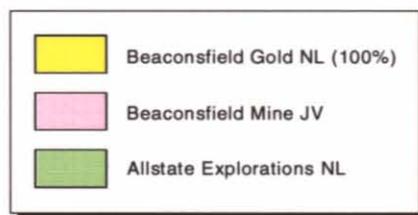
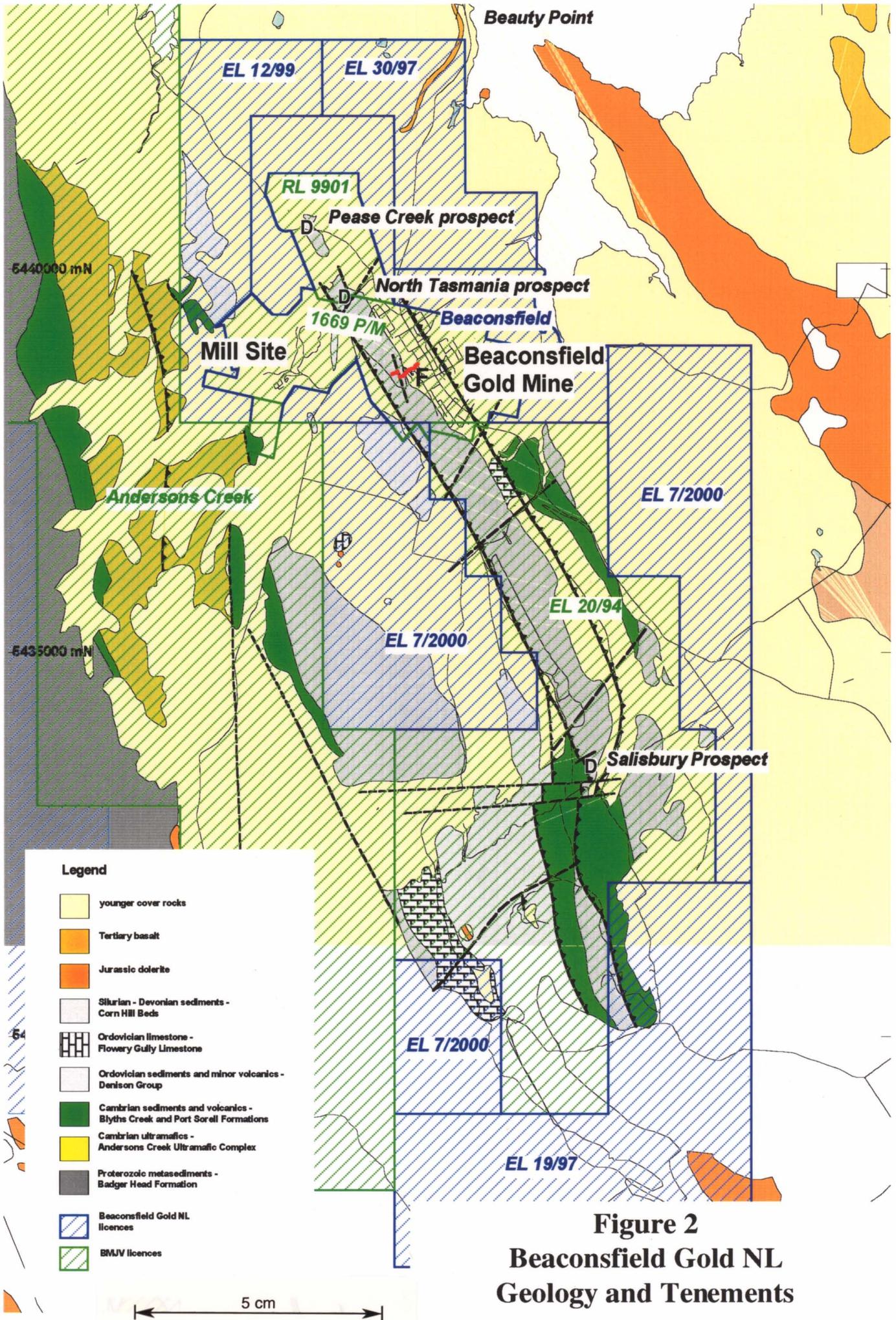


FIGURE 1

BEACONSFIELD GOLD NL		
Beaconsfield Area Exploration & Mining Tenements		
Drafting: R.Carroll	Date: August 2001	Scales: as shown



**Figure 2**  
**Beaconsfield Gold NL**  
**Geology and Tenements**

In 1999 BGNL drilled a 700 metre east – west fence of seven drill holes, to test the sub cover geology near an interpreted magnetic linear within the Cobblestone Creek thrust slice. Despite a location less than two km east of the mine headframe, these were the first exploration holes drilled in the Cobblestone Creek fault block.

The Permian cover rocks range from 72 to 142 metres thick in this area and the geology encountered by the seven holes is interpreted as a folded right way up sequence of Blyths Creek Formation sandstone overlying limestone, overlying black slate. A zone of pervasive silica-pyrite  $\pm$  carbonate alteration overprints part of the sandstone unit at the correct location to correspond to the magnetic linear. No gold and no significant arsenic enrichment were detected in the alteration (Morrison, 2000).

No exploration has been conducted in the past year, due to financial constraints caused by production delays at the Beaconsfield Mine.

### **FUTURE EXPLORATION AIMS**

Future work is intended to concentrate jointly on mapping the thickness of cover materials and generating drill targets on combined magnetic structures and Mobile Metal Ion soil anomalies.

A program of seismic reflection, mobile metal/partial leach geochemistry and scout drilling is planned to test the potential of this fault block, along its 10 km of strike length which remain untested.

### **REFERENCES**

Morrison, K.C., 2000. Beaconsfield Gold NL, ELs 30/97, 12/99, 7/00, Cobblestone Creek Project, Report on Exploration to 19 September 2000.