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TCR 98-4191

# Allstate

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ACN 000 679 023



**MICROFILMED**  
FICHE No. 014690-

SEARCHED	INDEXED
SERIALIZED	FILED
EL30107	
12 AUG 1988	
See folio 21	

# 98-4191

ANNUAL REPORT-EL 30/97  
BEAUTY POINT - ALLSTATE  
PETER B HILLS

**EL 30/97 BEAUTY POINT  
ANNUAL REPORT  
1997 - 98**

**Peter B. Hills  
Beaconsfield Mine Joint Venture  
7 August, 1998**

**BEACONSFIELD MINE JOINT VENTURE****E.L. 30/97****ANNUAL REPORT 1997 – 98****TABLE OF CONTENTS**

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## 1. SUMMARY

EL 30/97 covers approximately 5km<sup>2</sup> on the southern outskirts of the village of Beauty Point on the Tamar River in Northern Tasmania.

The EL is contiguous with EL 7/88 which covers the Beaconsfield area including the immediate environs of the Beaconsfield Gold Mine and recognised prospects at North Tasmania and Pease Creek.

The Beaconsfield Mine Joint Venture has focussed on the development of the Beaconsfield Gold Mine due to re-open in early – mid 1999 and a programme of intensive regional exploration directed at supplementing production has been ongoing over the past 3 years. Subcrop of the Ordovician Cabbage Tree Formation host of the Tasmania Reef mesothermal gold deposit occurs in the southwest corner of the Licence and EL 30/97 was taken to provide a buffer for a helimag survey conducted over the adjoining property.

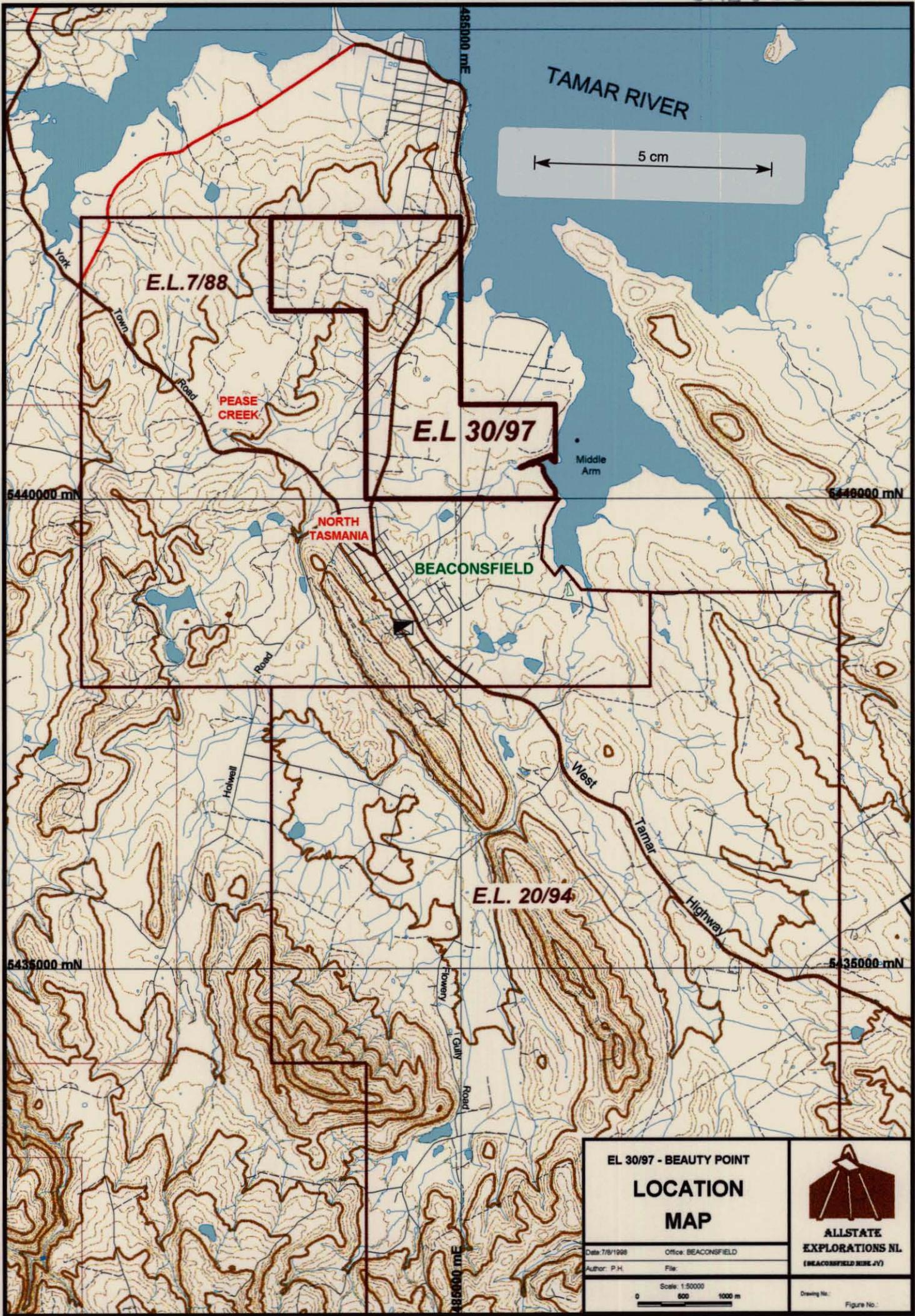
The helimag survey was conducted on 2 June 1998. A subsequent ground magnetic survey was conducted through the township of Beaconsfield in June 1998 and spliced to the helimag survey. Data is currently being processed analysed and interpreted and will be reported in the Annual Report for EL 7/88 in September 1998.

## 2. LAND TENURE

EL 30/97 covers an area of 5 km<sup>2</sup> at Beauty Point on the Tamar River in Northern Tasmania. Land use includes rural and residential holdings over virtually the entire tenement with a minor area of state forest at the northwest end. The area is held under the name of Allstate Explorations NL on behalf of the Beaconsfield Mine Joint Venture.

Exclusions from the general area occur in the form of an active mining lease for category 3 minerals operated by Stornoway Hewitt on the northern boundary of the Licence. The Licence area is illustrated in figure 2.1.

The current Licence expires on 19 September 2002.



**EL 30/97 - BEAUTY POINT  
LOCATION  
MAP**



Date: 7/6/1998 Office: BEAconsFIELD  
Author: P.H. File:

**ALLSTATE  
EXPLORATIONS NL**  
(BEAconsFIELD MINE JV)

Scale: 1:50000  
0 500 1000 m

Drawing No.:  
Figure No.:

## 3.1 HELIMAG SURVEY

Figure 3.1 illustrates the area flown during a helimag survey on 2 June 1998. The survey totalling 433 line kilometres was flown by Universal Tracking Systems Pty Ltd of Perth, Western Australia using the following equipment.

## Aircraft

- Aerospatiale AS350B Squirrel Helicopter.

## Airborne Magnetic Sensors

- UTS designed fixed stinger attachment to the survey aircraft.
- Scintrex CS-2 Cesium Vapour Magnetometer
- 0.001nT resolution, 0.01nT sensitivity.
- RMS ADCII Automatic Aeromagnetic Digital Compensator.
- 10 Hz (0.1 second) magnetic sampling rate.
- Develco Vector Magnetometer (XYZ components).

## Base Station Diurnal Magnetometer

- Sensor #1 – Scintrex ‘Envi-mag’ Proton Magnetometer.
- 0.1nT resolution, 0.1nT sensitivity.
- 0.2 Hz (5 second) magnetic sampling rate.
- Sensor #2 – Geometrics G856 Proton Magnetometer.
- 0.1nT resolution, 0.1nT sensitivity.
- 0.1 Hz (5 second) magnetic sampling rate.

## Altimeters

- King Model KRA-10 Radar Altimeter.
- 1.0 metre accuracy, 0.1 metre resolution.
- 0 – 500 m range.
- 10 Hz (0.1 second) sampling rate.

## Navigation and Data Positioning System

- Novatel 3951R 12 channel precision differential GPS system.
- RACAL Satellite Differential GPS correction receiver.
- UTS survey navigation software and cockpit guidance system.

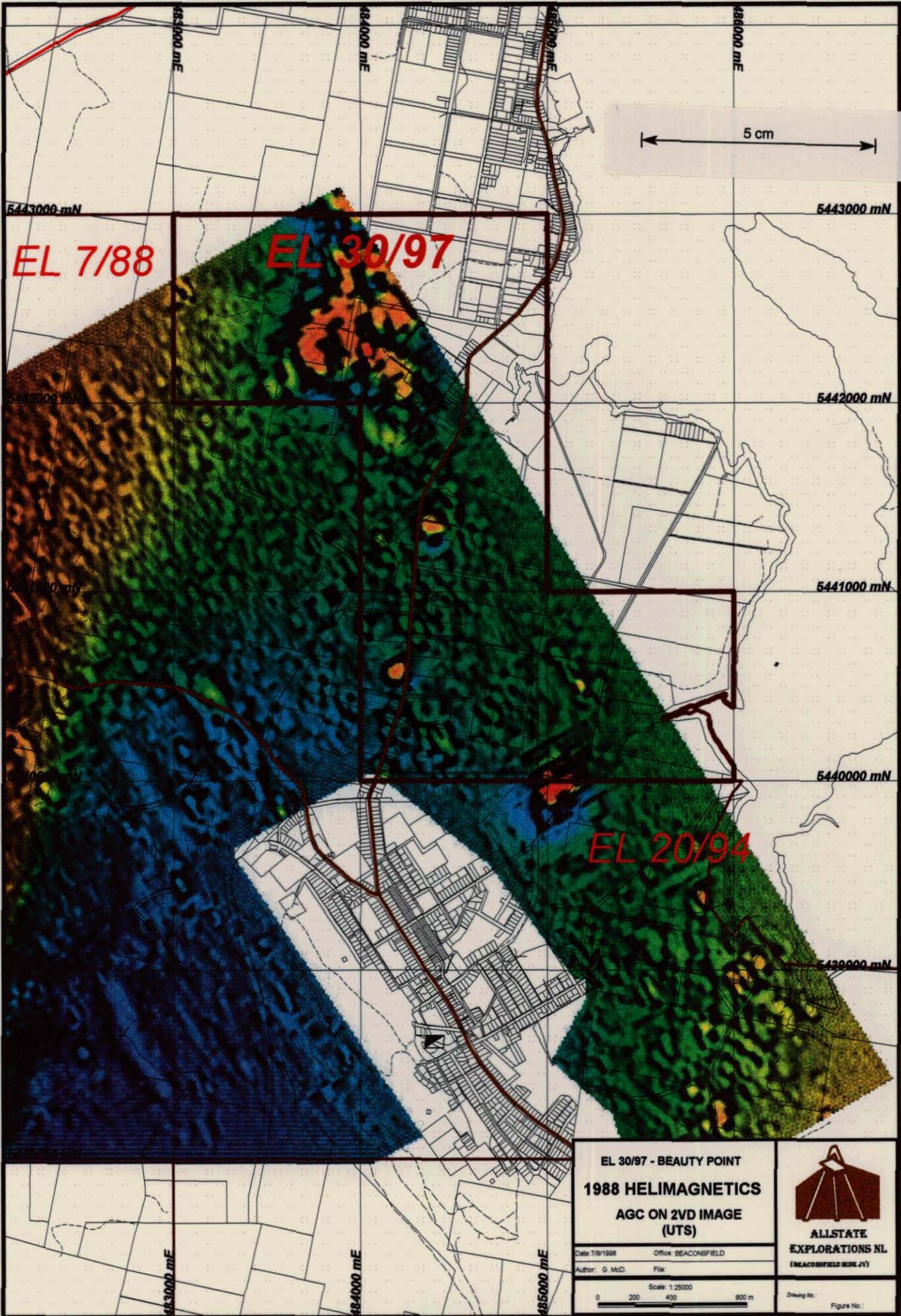
## Data Acquisition System

- UTS data acquisition, digital recording and output system.
- UTS field processing and quality control system.

The survey was flown on a 50 m line spacing in a direction of 060° - 240° AMG with a tie line spacing of 500 m in a direction of 150° - 330° AMG at a height of 25 – 40 m and a sample density of 4 – 5 m.

The survey was conducted to investigate the potential for magnetic signatures highlighting potential targets for mesothermal vein style

gold mineralisation hosted by outcropping and subcropping quartz sandstones and siltstones of the Cabbage Tree Formation, primarily within the area of contiguous Licence EL 7/88. The survey has been spliced to a ground magnetic survey undertaken in June/July 1998 by Geophysical Technology Limited of Armidale, New South Wales through the township of Beaconsfield. All data is currently being processed analysed and interpreted by Toorong Resources Pty Ltd of Turrumurra, New South Wales and results are not to hand. Detailed interpretation and reporting to Beaconsfield Mine Joint Venture will be completed in August 1998 and reported in the Annual Report for EL 7/88 (Beaconsfield) in September 1998.



EL 30/97 - BEAUTY POINT  
 1988 HELIMAGNETICS  
 AGC ON 2VD IMAGE  
 (UTS)



**ALLSTATE**  
 EXPLORATIONS NL  
 (BEACONSFIELD HIRE JV)

Date: 7/8/1998 Office: BEACONSFIELD  
 Author: G. McD. File:

Scale: 1:25000  
 0 200 400 800 m

Drawing No.:  
 Figure No.:

**4. WORK PROPOSED 1998 – 99**

No work is yet proposed for EL 30/97 in the coming year. Detail of work programmes will be compiled once interpretation of the magnetic surveys has been completed and will accompany the Annual Report for EL 7/88 in September 1998.

**5. EXPENDITURE**

## 5.1 1997 – 98 EXPENDITURE

Helimag Survey	\$ 4,092
Management & Reporting	\$ 2,000
	<hr/>
E.L. 20/94 Total	\$ 6,092

## 5.2 1998 – 99 EXPENDITURE

No expenditure is yet planned for EL 30/97 during the coming year. The Beaconsfield Mine Joint Venture is currently completing detailed assessment of the 1997 – 98 work programme undertaken on EL 30/97 and contiguous Licence EL 7/88 with the intention of presenting a detailed programme of advanced exploration to cover both Licences in the coming year. This will be complete prior to the reporting deadline for EL 7/88 in September 1998.

The BMJV recognises a statutory commitment to the expenditure of not less than \$10,000.00 by the second anniversary of the granting of EL 30/97. This commitment will be met.

**6. REHABILITATION**

No activity was undertaken on EL 30/97 that required rehabilitation.