



A – Level 2, 46 Ord Street West Perth WA 6005 P – 08 9476 9200 F – 08 9476 9099 E – admin@beaconminerals.com

## ASX ANNOUNCEMENT

14 June 2007

The Manager  
Company Announcements Office  
Australian Stock Exchange Limited  
4<sup>th</sup> Floor, 20 Bridge Street  
SYDNEY NSW 2000

Dear Sir/Madam

### **AIRBORNE EM SURVEY COMMENCES AT GREENVALE**

Beacon Minerals Ltd (“Beacon”) (ASX Code: BCN) is pleased to announce that an airborne electromagnetic (VTEM) survey has commenced at the Company’s Greenvale Project, located 200km west of Townsville. The survey will test over 150 sq km of terrain, which will aid in the Beacon’s exploration efforts targeting volcanic-hosted massive sulphide mineralisation (VMS). These types of deposits are currently being mined some 15-20km to the west at Kagara Zinc’s Balcooma, Surveyor and Dry River South deposits.

Possible examples of this style of mineralisation are already known to exist within the Company’s project area at the One Mile Dam, Galah Dam, and Sugarbag Prospects.

Significant historical drill intercepts from the Galah Dam Prospect, which occurs as disseminated base metal sulphide mineralisation in metamorphosed felsic volcanics, include;

- **16m @ 4.5% Zn, 1.1 g/t Au, 0.5% Cu, 13 g/t Ag (inc. 5m @ 8.5% Zn),**
- **8m @ 3.5% Zn, 0.2g/t Au (inc. 1m @ 6.9% Zn) ,**
- **27m @ 1.3% Zn, 0.3g/t Au**
- **12m @ 1.7g/t Au**

Located 3km from Galah Dam, historical rock chip sampling at the Sugarbag Anomaly recorded silver values to 59 g/t with anomalous copper, barium and gold (0.5 g/t Au) hosted in sulphidic chert. The Sugarbag anomaly does not appear to have been previously drilled.

Managing Director Lyle Thorne said, “The Greenvale region remains significantly under-explored, despite being highly prospective for gold, copper and base metals, It is hoped that the helicopter borne VTEM survey will generate a substantial number of priority regional drill targets, which Beacon would drill test later in the year, and will help to improve our understanding of the regional geology.”

The One Mile Dam, Galah Dam and Sugarbag deposits are located within the Lucky Creek JV (Glengarry Resources Ltd), where Beacon is earning an 80% interest.

At the One Mile Dam Prospect (BCN 100%), historical drilling has identified massive sulphide lenses anomalous in copper and gold. Rock chip samples collected by Beacon and historical explorers have returned results of up to 1.8 g/t Au and 0.13% Cu from felsic schist located south of this drilling. No drilling has been completed in this area.

The survey is expected to take a week to complete, whilst a further 3-4 weeks will be required for processing and data interpretation. Any priority targets identified from this survey will be incorporated into a proposed RC drilling program planned for the September 2007 Quarter. This drilling will also test a number of other targets within the Greenvale Project.

For further information contact;

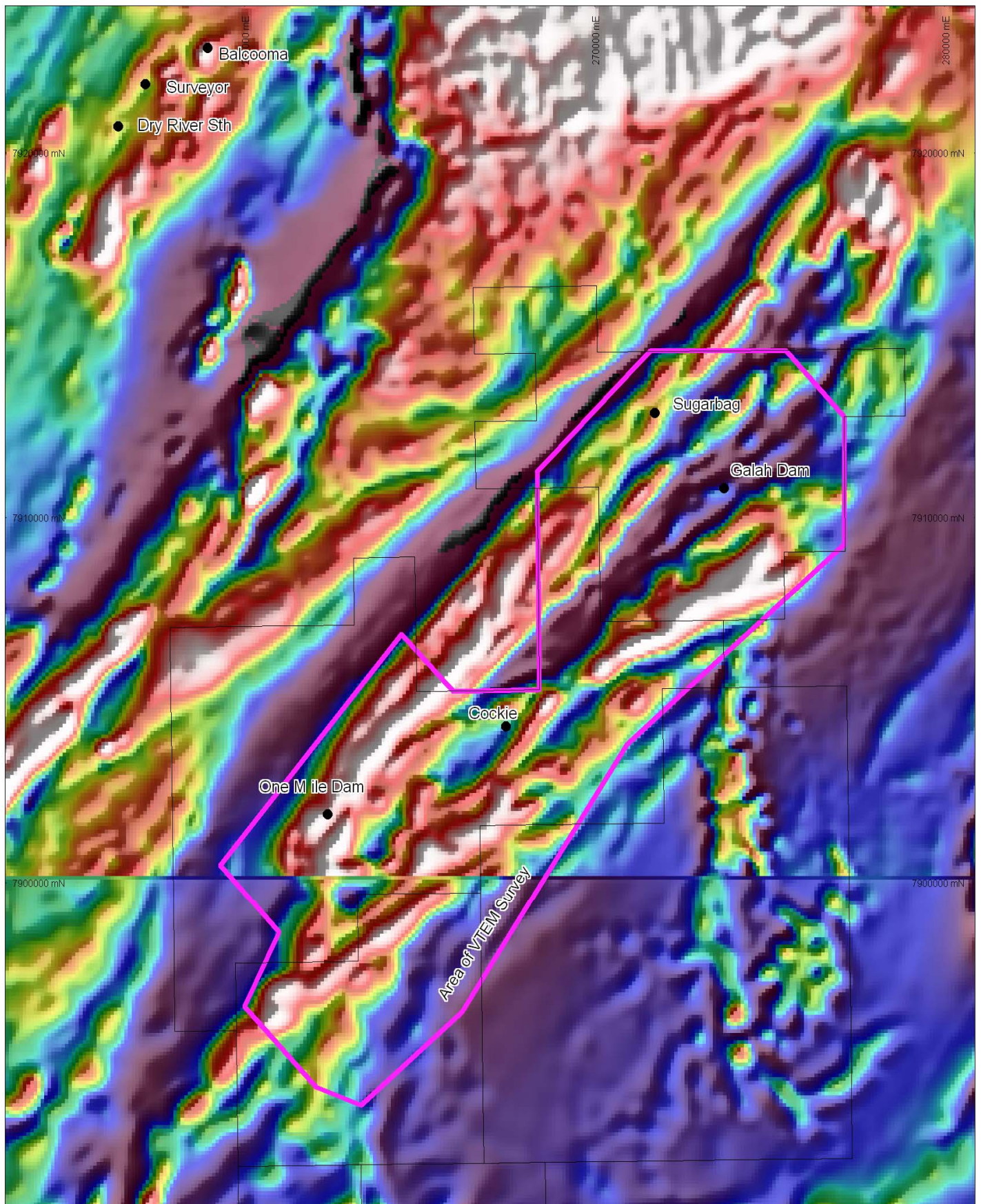
Lyle Thorne  
Managing Director  
Tel: (08) 9476 9200  
[www.beaconminerals.com](http://www.beaconminerals.com)

Media Enquiries  
Tony Dawe  
Tel: 041 3322 110

*In accordance with Listing Rules 5.6 of the Australian Stock Exchange, the technical information contained in this report has been compiled by Mr. Lyle Thorne, a full time employee of Beacon Minerals Ltd. Mr. Thorne is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and has the relevant experience with the mineralisation reported on to qualify as a Competent Person as defined by the Australasian Code for Reporting of Mineral Resources and Reserves. Mr. Thorne consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.*

*Historical drilling at Galah Dam completed by Glengarry Resource (2001) and PanContinental Mining/Homestake (1990's).  
Sampling at Sugarbag completed by PanContinental Mining/Homestake (1994).  
Drilling at One Mile Dam completed by MIM (1990)*

**Attachment 1:** – Location of tenements (BCN and JV), prospects and VTEM survey overlain on TMI (RTP) magnetics



Greenvale Project – Location of tenements (BCN and JV), prospects and VTEM survey overlain on TMI (RTP) magnetics