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ASX ANNOUNCEMENT

25 January 2007

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

Dear Sir/Madam

QUARTERLY REPORT FOR THE PERIOD ENDING 31 DECEMBER 2006

HIGHLIGHTS

Greenvale

- Completion of 14 holes for 1,486 m of RC drilling at the Cockie Prospect, with significant results received including 34m @ 1.0% Cu and 3m @ 9.1 g/t Au.
- Commencement of regional exploration including soil and rock chip sampling along the Cockie mineralized trend, with results to 5% copper returned from rock chip samples.
- Heads Of Agreement with Glengarry Resources to earn an 80% interest in the Lucky Creek Project, tripling the Company's ground holding and providing access to advanced zinc, copper and gold prospects.

Barlee

- Granting of E77/1297 allowing drilling to be fast-tracked for early 2007.
- Integration of all historical data and identification of new targets at Pioneer Project.

QUEENSLAND

GREENVALE PROJECT - Cockie Prospect (See Map 1 attached)

A total of 14 RC drill holes for 1,486 m were completed over 500 m of strike at the Cockie Prospect, which represents the first drilling in the Greenvale project area for 15 years. The drilling aimed to define the shallow oxide mineralisation at the Cockie Prospect, with additional holes drilled to +150 m depth testing deeper portions for primary sulphide mineralisation. The mineralisation occurs within and proximal to the contact between the Cockie Springs Tonalite, a porphyritic intrusive rock, as well as metamorphosed sediments and volcanics belonging to the Lucky Creek Group.

Results for the first three holes, CRC01-03 were received, with significant results presented below. All holes were drilled towards -60° to 328°, with the exception of CRC 013 which was drilled towards 128° due to rig access issues.

Hole	East	North	Depth (m)	From (m)	Result
CRC001	267440	7904335	91	13	11 m @ 0.5% Cu, 0.13g/t Au
CRC002	267380	7904295	100 <i>inc.</i>	0 8	100 m @ 0.56% Cu, 0.11g/t Au, 1.1g/t Ag 34 m @ 1.0% Cu, 0.16g/t Au, 1.4g/t Ag, 150ppm Mo
CRC003	267267	7904270	100 <i>inc.</i> <i>inc.</i> <i>inc.</i>	20 52 80 81	45 m @ 0.4% Cu, 0.11g/t Au, 1.2g/t Ag 13 m @ 0.54% Cu, 0.2g/t Au, 1.2g/t Ag, 140ppm Mo 3 m @ 9.1g/t Au 1 m @ 17.8g/t Au

Samples collected at 1 metre intervals via cyclone and 75:25 splitter, sent to ALS Chemex in Townsville. Gold analysed via Fire Assay and AAS finish. Base Metals analysed by Aqua Regia digest and ICP-AES. Maximum of 2m of internal dilution, at +0.3% Cu.

Although broad-spaced drilling completed by the previous explorer intersected significant Copper (Cu) - Gold (Au) mineralisation, no systematic assaying for other mineral elements was completed.

Beacon has analysed for a range of mineral elements, including Molybdenum (Mo), and Silver (Ag), and Mo to 0.1%, Cu to 3.2%, Au to 0.8g/t and Ag to 5 g/t were returned over individual metres within the oxide profile.

The gold intersection of 3 m @ 9.1g/t Au in CRC003 is a new, previously unrecognized zone of mineralisation which is hosted in an altered amphibolitic schist with silica-carbonate veining and 5-10% fine grained pyrite. This zone occurs below the main zone of Cu-Au mineralisation. A historical drill hole, P17 completed nearby, was terminated at 40 m and would not have intercepted either the new high grade gold zone or the copper-gold mineralisation. See Map 2 attached for more information.

Results from the remaining holes will be reported next quarter.

Regional Exploration

Regional rock chip sampling programs returned several anomalous results. Sampling was completed west of the Company's drilling at Cockie and also south of outcropping gossans anomalous in base metals at One Mile Dam, located 5 kms southwest of Cockie.

Sample	East	North	Cu	Au (g/t)	Zn (ppm)	Ag (g/t)
474230	266425	7904160	0.1%	0.17	-	0.6
474231	266300	7904280	5.4%	0.23	250	4.4
474235	262293	7901600	0.13%	-	-	0.2
474237	262118	7901490	-	-	700	0.3

Cockie-style mineralisation (Cu-Au)

Two samples collected approximately 700 m west of Beacon's drilling and along strike from Cockie assayed 5.4% Cu, 0.23g/t Au and 4.4 g/t Ag, and 0.17g/t Au, 0.6g/t Ag and 0.1% Cu from malachite stained gossaneous material. Systematic soil sampling has been completed in the area (see below).

One Mile Dam – (Base Metals)

At the One Mile Dam prospect, the Company is targeting Balcooma-style base metal mineralisation in felsic volcanics. Reconnaissance rock chip sampling targeting extensions to the known base metal mineralisation has discovered new gossans up to 800 m south of the original area discovered by previous explorers. The samples returned peak assay values to 0.13% Cu and 700 ppm Zn. Systematic soil sampling is planned in the area to further define the anomaly prior to initial drill testing.

Soil Sampling

Regional soil sampling commenced during the quarter, with a total of 990 soil samples collected and sent to ALS-Chemex in Townsville for analysis of Gold (Au), Copper (Cu), Silver (Ag), Zinc (Zn), Cobalt (Co), Lead (Pb), Molybdenum (Mo) and Uranium (U).

Samples were collected at 50 m intervals along 200 m spaced grid lines and covered over 4-5 km of strike to the northeast and southwest of the Cockie Prospect, as well as targeting regional Balcooma-style base metal targets to the east of Cockie. Results are expected in early 2007.

The sampling completed to date covers approximately 20% of the interpreted Cockie mineralized trend targeted by Beacon, and the soil sampling program will resume in early 2007.

Lucky Creek Joint Venture – Glengarry Resources Ltd.

The Company has entered into a Heads of Agreement with Glengarry Resources Ltd (ASX Code: GGY) (“Glengarry”) relating to a joint venture on tenements surrounding the Greenvale Project. The tenements cover 195 square kilometres, which effectively triples Beacon’s ground holding in the area to over 300 square kilometres. See Map 3 attached.

The Lucky Creek Group is interpreted to be analogous to the Balcooma Metavolcanics, which host Kagara Zinc’s Balcooma, Surveyor and Dry River South deposits some 15 kilometres to the west.

Under the terms of the JV agreement, Beacon must spend \$850,000 over three years to earn 80% equity in the tenements, with Glengarry free-carried until the completion of a positive feasibility study. Beacon must spend \$125,000 in the first six months after signing the joint venture document before it can elect to withdraw.

The JV tenements have received some moderate, although sporadic exploration over the last fifteen years, and a number of prospects that have been discovered require immediate investigation. The Cockie mineralised trend, which lies within Beacon’s tenure and is considered highly prospective for copper-gold-molybdenum mineralisation, has increased in length from 14 kms to at least 22 kms.

No exploration specifically targeting this style of mineralisation along the contact of the Cockie Springs porphyritic Tonalite has been completed on the JV tenements, and the Company intends to extend its regional sampling programmes along strike as soon as possible.

Lucky Creek JV - Galah Dam Prospect

Within the new JV ground, at the Galah Dam Prospect, Homestake Mining and Glengarry have completed RC and limited diamond drilling within metamorphosed felsic volcanics belonging to the Lucky Creek Group targeting Volcanic-hosted massive sulphide (VMS) mineralisation (Cu-Zn-Au-Ag).

This work resulted in the discovery of stringer-style disseminated base metal sulphide mineralisation in the felsic volcanics. Significant intercepts including **16m @ 4.5% Zn, 1.1 g/t Au, 0.5% Cu, 13 g/t Ag (inc. 5m @ 8.5% Zn), 9m @ 2.4% Zn, 1.1 g/t Au, 0.1% Cu and 13 g/t Ag, 8m @ 3.5% Zn, 0.2g/t Au (inc. 1m @ 6.9% Zn) , 27m @ 1.3% Zn, 0.3g/t Au**, although not all holes were analysed for base metals.

The drilling has only tested 200m of strike within the felsic volcanic sequence, which is known to occur for over 10 kilometres within the tenement.

Beacon plans to complete detailed exploration including ground based geophysics over the felsic volcanic sequence to locate further drilling targets.

Combined with the Company's 100% owned One Mile Dam base metals prospect, Galah Dam gives Beacon access to two highly prospective, but historically lightly explored areas, in a potentially new VMS-style base metal district.

At One Mile Dam, previous drilling intersected massive sulphide lenses anomalous in copper, zinc and gold. whilst geological mapping located other gossans away from the area drilled that returned gold assays up to 1.8g/t Au.

Ground EM surveys located a strong conductor to the north of the drilling as well as a large bullseye magnetic target to the south of the known gossans, which have not been followed up.

Steam Engine Gold Prospect

At Steam Engine, located south of the Cockie Prospect, Homestake (in the early 1990's) intersected shear hosted gold mineralization in drilling over 300 m within a 1500 m long gold in soil anomaly, including **8 m @ 3.57g/t Au, 9 m @ 4.8 g/t Au, 6 m @ 4.9 g/t Au, 9 m @ 3.5 g/t Au, 10 m @ 2.7 g/t Au and 18 m @ 1.7g/t Au.**

Wide spaced drilling at other prospects returned gold intercepts including 4 m @ 3.5 g/t Au from limited, shallow drilling. No drilling has been completed since this time. Shear hosted gold mineralisation occurs at surface in a number of other parallel structures, and large gold in soil anomalies with peak results to 1.6 g/t Au have been returned from prospects up to 3 km from Steam Engine. These prospects have yet to be drill tested.

Regional soil, rock chip and stream sediment sampling programmes completed by both Glengarry and past explorers have detected other areas worthy of follow-up work which are prospective for both copper and gold. Beacon will integrate all previous data into their exploration database to identify other priority targets.

WESTERN AUSTRALIA

Barlee Project

Exploration licence E77/1297 (BCN:80%) was granted during the quarter at the Company's Barlee Project located 200km north of Southern Cross.

Beacon will accelerate its exploration activities by commencing a 6,000 metre RAB-Aircore drilling program in January 2007.

Pioneer Project

At the Pioneer Project, located 30km north of Norseman, previous exploration data was collated and new target areas identified. These are to be tested in the first half of 2007.

Attachments:

For further information contact

General Enquiries

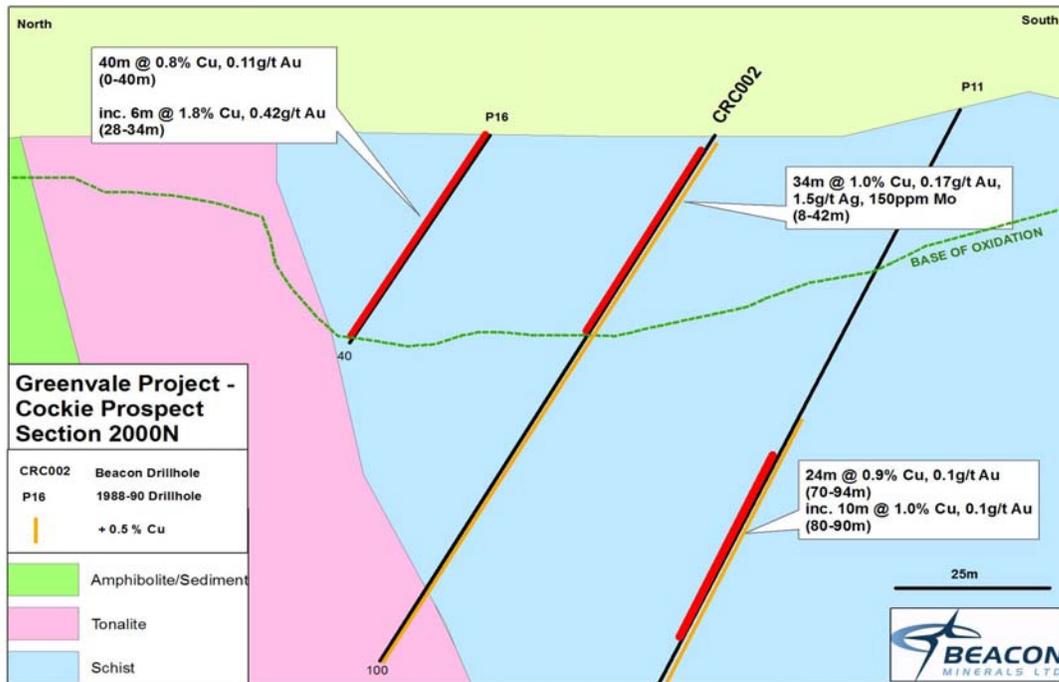
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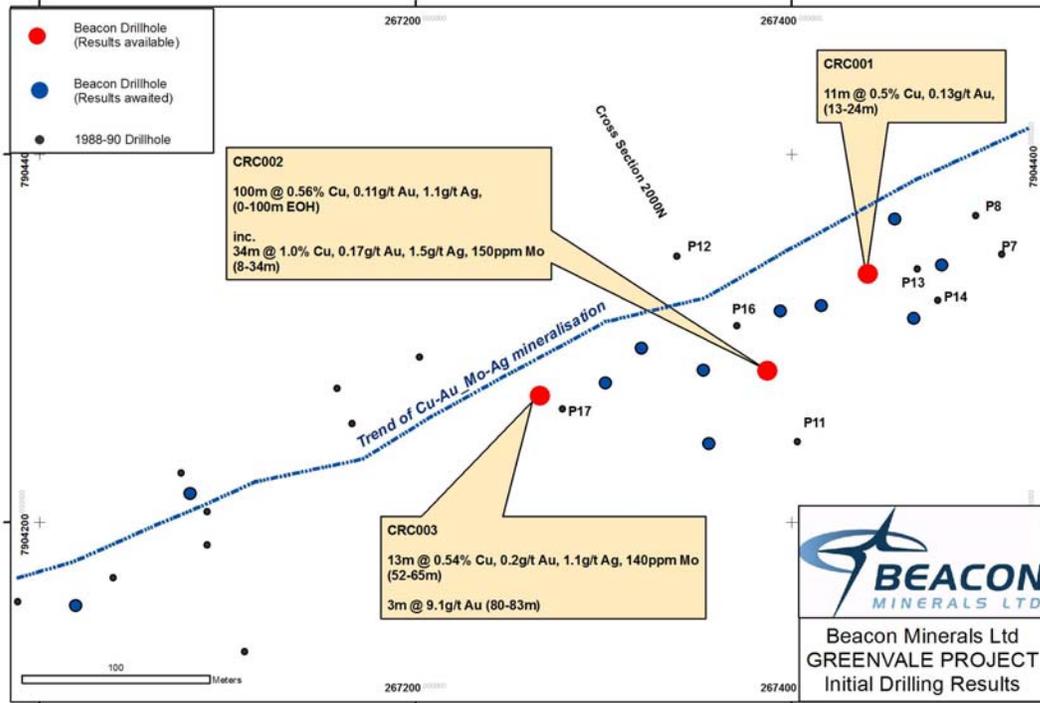
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In accordance with Listing Rules 5.6 of the Australian Stock Exchange, the technical information contained in this report has been compiled by Mr. Lyle Thorne, a full time employee of Beacon Minerals Ltd. Mr. Thorne is a member of the Australasian 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.

Map 1. Greenvale Project – Cockie Prospect



Map 2. Greenvale – Initial Drilling Results



Map 3. Beacon/ Glengarry JV tenements, Greenvale, QLD

