



## FURTHER HIGH GRADE GOLD INTERSECTIONS AT BARLEE

### ASX RELEASE

### Stock Exchange

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SYDNEY NSW 2000

Dear Sir/Madam

### FURTHER HIGH GRADE GOLD INTERSECTIONS AT BARLEE

The company is pleased to announce remaining RC drilling results from the recently completed programme at the Barlee Gold Project, located 200km north of Southern Cross in Western Australia. A total of 1853m of RC drilling (19 holes) were completed at various prospects.

Further significant results received include;

- **8m @ 24.7 g/t Au (inc. 3m @ 46.6g/t Au)**
- **6m @ 4.5 g/t Au**
- **5m @ 3.3 g/t Au**
- **6m @ 1.8 g/t Au**
- **4m @ 1.8 g/t Au**

The high grade gold intersections have been received from the last drill hole at Halley's East, BRC098, together with encouraging intersections from other prospects (see Attachment 3).

These compliment earlier results released to the ASX (18/5/2009 & 21/5/2009) of

- **10m @ 11.9 g/t Au,**
- **8m @ 8.0 g/t Au (inc: 2m @ 19 g/t Au and 1m @ 22.3 g/t Au)**
- **5m @ 7.2 g/t Au (inc. 1m @ 20.6g/t Au)**
- **3m @ 6.9 g/t Au**
- **2m @ 21.3 g/t Au**

Drilling at Halley's East was done to better define and extend the known gold mineralisation and provide further infill drilling to commence calculation of a JORC compliant resource.

All data from the recently completed program is now being reviewed and interpreted with the aim of completing a JORC compliant resource for Halley's East, identifying further priority targets and planning a follow-up exploration program.



## FURTHER HIGH GRADE GOLD INTERSECTIONS AT BARLEE ( cont )

Initial interpretation of the recent results suggests that the two mineralised zones at Halley's East are open down plunge and at depth. Also, the intersection in BRC092 of **2m @ 21.3 g/t Au** on the northern most line may suggest that the second zone could be open along strike. It also appears that the two zones have different characteristics; the main mineralised zone is generally characterized by grey-green silica alteration and quartz veining whereas the second, less defined zone is associated with milky quartz veining. The company is considering its first ever program of diamond drilling to provide accurate information concerning the nature and orientation of the mineralisation at Halley's East. It is anticipated that this drilling will give greater confidence in the planning of deeper drill holes targeting down plunge extensions.

At the Halley's SW prospect, located approximately 150m from Halley's East and along the Halley's Shear Zone (see Attachment 3), two holes were drilled to test anomalous gold associated with sheared mafic and porphyritic rocks in shallow Aircore drilling. Both holes intersected a package of sheared and altered mafic and porphyritic felsic rocks with **4m @ 1.8 g/t Au**, **5m @ 0.8 g/t Au** and **1m @ 4.3 g/t Au** intersected (BRC102-103). The company is encouraged by both the geology and gold intersections recorded from Halley's SW, and further work is planned.

Similar geology to that seen at Halley's East was also observed in two RC holes completed at the Prince Prospect (BRC104-105), located along a possible newly identified shear zone that runs parallel to the Halley's East Zone (Attachment 3). Sheared and altered mafic and porphyritic rocks with quartz veining were intersected at Prince, with a best result of **1m @ 1.8 g/t Au**. An intersection of **4m @ 1.4g/t EOH** in a recently completed RAB hole 300m southwest of Prince also appears to be associated with this structure, and represents a new exploration target.

Should you have any questions in relation to the above matters, please contact the undersigned on telephone (08) 9476 9200.

For and on behalf of  
BEACON MINERALS LIMITED

**Darryl Harris**  
**Managing Director**

In accordance with Listing Rules 5.6 of the Australian Securities Exchange, the technical information contained in this report has been compiled by Mr. Lyle Thorne, a consultant to the company. 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

## Attachment 1 – Significant RC Drilling Results

(Note: BRC092-095 released to ASX – 18/5/2009, BRC096-097, 099-101, 109-110 released to ASX 21/5/2009)

Hole	GDA_E	GDA_N	Depth	Azi/Dip	From	Result(+0.5 g/t)
BRC092	703253	6737650	120	330/-60	16	2m @ 1.0 g/t Au
					43	1m @ 1.0 g/t Au
					92	<b>2m @ 21.3 g/t Au</b>
BRC093	703197	6737647	58	330/-60	19	1m @ 0.7 g/t Au
BRC095	703248	6737583	120	330/-60	31	1m @ 1.8 g/t Au
					43	<b>10m @ 11.9 g/t Au</b>
					46	<b>4m @ 23.3 g/t Au</b>
BRC096	703200	6737600	70	330/-60	24	3m @ 0.9 g/t Au
BRC097	703217	6737570	110	330/-60	25	3m @ 1.0 g/t Au
					53	<b>8m @ 8.0 g/t Au</b>
					53	<b>2m @ 19 g/t Au</b>
				Inc.	57	<b>1m @ 22.3 g/t Au</b>
					65	2m @ 3.1 g/t Au
					107	<b>2m @ 9.2 g/t Au</b>
<b>BRC098</b>	703206	6737543	80	330/-60	26	<b>6m @ 1.8 g/t Au</b>
					37	<b>5m @ 3.3 g/t Au</b>
					54	<b>6m @ 4.5 g/t Au</b>
					64	<b>8m @ 24.7 g/t Au</b>
				Inc.	66	<b>3m @ 46.6 g/t Au</b>
					73	1m @ 0.9 g/t Au
					76	1m @ 2.3 g/t Au
BRC099	703250	6737501	130	330/-60	100	<b>3m @ 6.9 g/t Au</b>
					108	1m @ 3.5 g/t Au
					122	1m @ 3.0 g/t Au
BRC100	703160	6737547	70	330/-60	18	5m @ 0.8 g/t Au
					68	1m @ 2.9 g/t Au
<b>BRC102</b>	703035	6737405	120	330/-60	17	5m @ 0.8 g/t Au
					67	1m @ 1.0 g/t Au
					70	<b>1m @ 4.3 g/t Au</b>
					76	1m @ 1.0 g/t Au
<b>BRC103</b>	702975	6737400	109	330/-60	19	<b>4m @ 1.8 g/t Au</b>
<b>BRC105</b>	702760	6737315	110	330/-60	88	1m @ 1.9g/t Au
					105	1m @ 0.7 g/t Au
<b>BRC106</b>	702250	6737800	100	270/-60	83	1m @ 2.4 g/t Au
<b>BRC107</b>	702320	6737800	100	270/-60	18	3m @ 0.9 g/t Au
BRC108	702590	6737730	76	290/-60	62	1m @ 0.8 g/t Au
					67	1m @ 0.8 g/t Au
BRC109	702970	6739248	120	320/-60	84	<b>5m @ 7.2 g/t Au</b>
					87	<b>1m @ 20.6 g/t Au</b>
					98	1m @ 1.7 g/t Au
					110	2m @ 1.2 g/t Au
BRC110	702947	6739238	120	320/-60	68	<b>1m @ 4.5 g/t Au</b>
					85	1m @ 1.6 g/t Au

Results calculated at + 0.5 g/t Au, with a maximum of 2 meters internal dilution.

Repeat assays averaged.

Samples collected as single meter samples from 75:25 splitter via cyclone mounted on drill rig.

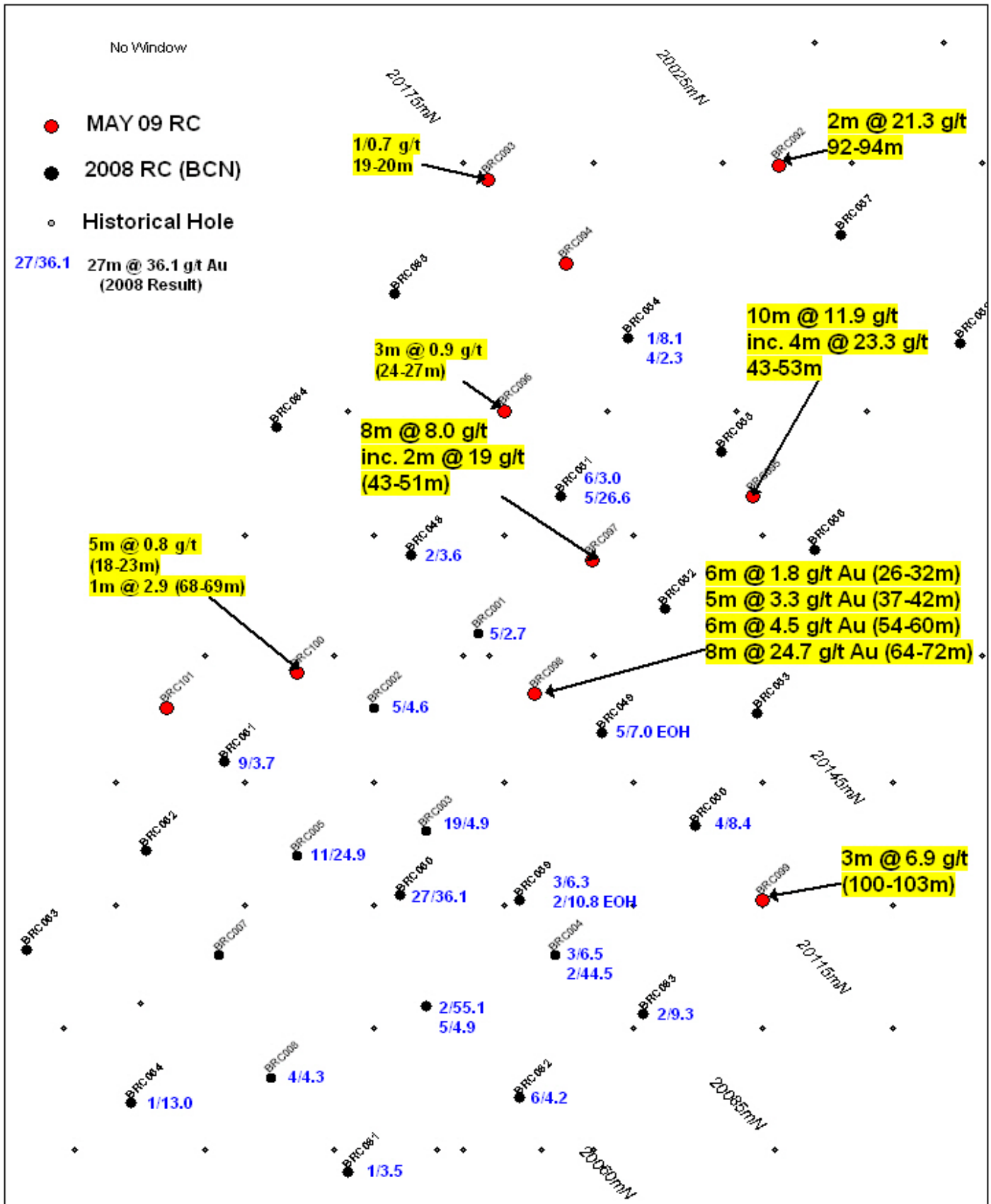
Duplicate and certified standard samples inserted routinely.

Assays sent to Ultratrace Laboratories in Perth. Gold & PGE determination via Fire Assay-ICP/OES

Au = gold, EOH= End of Hole,

No significant result - BRC094, BRC101, BRC104

# Attachment 2 – Halley’s East Prospect – Collar Location Plan



# Attachment 3– Barlee Project – RAB & RC drilling location map

