

## ASX ANNOUNCEMENT

11 September 2012

### HALLEYS EAST RC AND DIAMOND DRILLING RESULTS

Beacon Minerals Limited (“Beacon” or “Company”) is pleased to provide the results of the RC and diamond drilling (DDH) that was completed in June 2012 at the Halleys East gold deposit.

The RC and DDH were completed to infill the identified gold mineralisation and to provide engineering, geotechnical and metallurgical information to assist with planning of the proposed open pit operation.

A total programme of 23 vertical RC holes (**BRC401-423**) for 1,177m was completed to infill the existing resource, while 2 angled geotechnical diamond holes (**HE003-004**) were completed for a total of 233.1m.

All assay results have been returned from the programme and the most significant intercepts (above 3g/t Au) are summarised in the table below. All intercepts represent uncut, down-hole intercepts and all gold analyses were conducted by Fire Assay with an AAS finish (0.01ppm Au detection limit) on individual 1m split samples.

**Halleys East Gold Deposit - June 2012 RC & DDH Results**

Hole ID	Total Depth	Intercept	Geology
BRC401	57m	38-39m, 1m @ 27.00g/t Au 42-43m, 1m @ 3.25g/t Au <b>47-50m, 3m @ 15.02g/t Au</b>	Mafic lower saprolite Mafic saprock Mafic saprock & fresh porphyry
BRC403	45m	12-13m, 1m @ 12.40g/t Au 26-27m, 1m @ 11.00g/t Au	Lower saprolite Mafic lower saprolite
BRC405	75m	<b>57-64m, 7m @ 15.72g/t Au</b>	Silica(Si)-altered basalt
BRC406	81m	20-21m, 1m @ 3.12g/t Au <b>35-40m, 5m @ 9.33g/t Au</b>	Lower saprolite Lower saprolite & quartz veining
BRC409	70m	<b>38-48m, 10m @ 69.26g/t Au</b> <b>59-61m, 2m @ 12.06g/t Au</b> 66-70m, 4m @ 3.00g/t Au	Si-altered mafic/porphyry saprock Mafic saprock & fresh basalt Fresh basalt, some Si-alteration
BRC410	35m	19-23m, 4m @ 3.02g/t Au	Mottled clays & lower saprolite
BRC413	80m	19-22m, 3m @ 4.46g/t Au	Mottled clays
BRC414	50m	15-18m, 3m @ 3.53g/t Au 41-42m, 1m @ 4.23g/t Au	Mottled clays Mafic lower saprolite
BRC416	64m	16-20m, 4m @ 3.42g/t Au <b>48-64m, 16m @ 41.16g/t Au</b>	Mottled clays Si-altered basalt

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BRC417	65m	<b>13-27m, 14m @ 9.62g/t Au</b> <b>36-39m, 3m @ 12.12g/t Au</b> 52-53m, 1m @ 3.40g/t Au	Mottled clays & lower saprolite Mafic lower saprolite Fresh basalt, minor porphyry
BRC419	50m	<b>14-17m, 3m @ 6.14g/t Au</b> <b>26-40m, 14m @ 12.30g/t Au</b>	Mottled clays Lower saprolite
BRC420	40m	<b>14-30m, 16m @ 11.98g/t Au</b> 33-34m, 1m @ 23.4g/t Au	Mottled clays & lower saprolite Lower saprolite
BRC421	40m	<b>15-17m, 2m @ 8.54g/t Au</b>	Mottled clays & lower saprolite
BRC422	65m	35-36m, 1m @ 6.21g/t Au 52-54m, 2m @ 4.14g/t Au	Mafic saprock & quartz veining Mafic saprock & Si-altered basalt
HE003	113.1m	<b>104-106m, 2m @ 11.52g/t Au</b> 109-111m, 2m @ 4.73g/t Au	Si-altered mafic & Si flooding Si-altered mafic & Si flooding

The results confirm the high-grade tenor of the Halleys East gold mineralisation.

The intercepts from diamond hole HE003 provide the deepest indication to date of the down-dip and/or down-plunge continuity of the Halleys East mineralisation.

Further investigation and drilling of the deeper mineralised system is warranted and will be conducted in due course. Final engineering, geotechnical, metallurgical, pit design and resource/reserve studies are currently in progress.

Should shareholders have any questions, please feel free to contact Executive Chairman Geoff Greenhill or Executive Director Marcus Michael on the numbers below.

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**Executive Chairman**  
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*The information in this report that relates to Exploration & Drilling Results is based on information compiled by Greg Jorgensen, an independent, Kalgoorlie-based Consulting Exploration Geologist, who is a Member of The Australian Institute of Geoscientists. Mr Jorgensen has sufficient experience, which is relevant to the style of mineralisation and type of deposits under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2004 Edition of The JORC Code. Mr Jorgensen consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.*