EXTENSION OF GOLD MINERALISATION AT BARLEE

ASX RELEASE

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ASX: BCN
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Contact Details

Level 2, 46 Ord Street
West Perth, WA 6005

PO Box 140
West Perth, WA 6872

Tel: +61 8 9476 9200
Fax: + 61 8 9476 9099

admin@beaconminerals.com
www.beaconminerals.com

23 March 2010

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

Dear Sir/Madam

EXTENSION OF GOLD MINERALISATION AT BARLEE

The company is pleased to announce initial drilling results from the program, which commenced in late February 2010 at the Barlee Gold Project.

The results are from the first 7 holes of a 38 hole RC program to drill approximately 5,000 metres targeting extensions to mineralisation of various prospects. Additionally, 8,500 metres of RAB / Aircore drilling is also underway as part of this program to identify further RC drilling targets.

Significant RC results from the assays received include:

Halleys

- **3m @ 18.4 g/t Au (EOH-end of hole)**
- **3m @ 27.3 g/t Au**
- **4m @ 15.4 g/t Au**
- **10m @ 3.5 g/t Au**
- **8m @ 2.2 g/t Au**
- **3m @ 3.9 g/t Au**

Phil South

- **7m @ 9.2 g/t Au**
- **9m @ 3.9 g/t Au**

These further intercepts at Halleys West indicate a SW plunging mineralised structure which extends over 100 metres and is still open at depth. The depth of the 3m @ 27.7 g/t intercept also indicates a potential second structure extending from the main zone.

Further intersections of extension mineralisation at the Phil prospect also indicate that Phil South is still open at depth.

Further RC drilling on these extensions are planned in the current program.

Regional soil geochemical programme is continuing, and although only 30% complete, early results have outlined several gold-in-soil anomalies which require infill sampling prior to RAB drilling.

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

Attachment 1 – RC Drilling Details and Results
Attachment 2 – Phil South Cross Section
Attachment 3 – Halleys East / West Plan

In accordance with Listing Rules 5.6 of the Australian Securities Exchange, the exploration results 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 – RC Drilling Details and Results

At ***Halleys West***, four holes (BRC157-160) were completed to test a new structural model that has interpreted the Halley's West high grade zone to be a SW plunging shoot. Drill hole BRC 158 intersected **8m @ 2.2 g/t** in the oxide zone and **3m @ 18.6g/t Au EOH (97-100m)** confirming the interpreted position of the lode proximal to the high grade intercept recorded in BRC 135 (14m @ 45.32 g/t Au) drilled in late 2009.

An intercept of **3m @ 27.7 g/t Au** from 80m in BRC159 may represent the development of another high grade lode or splay from the Halleys West zone with further modeling in 3D planned to aid in clarifying this assumption of the geometry.

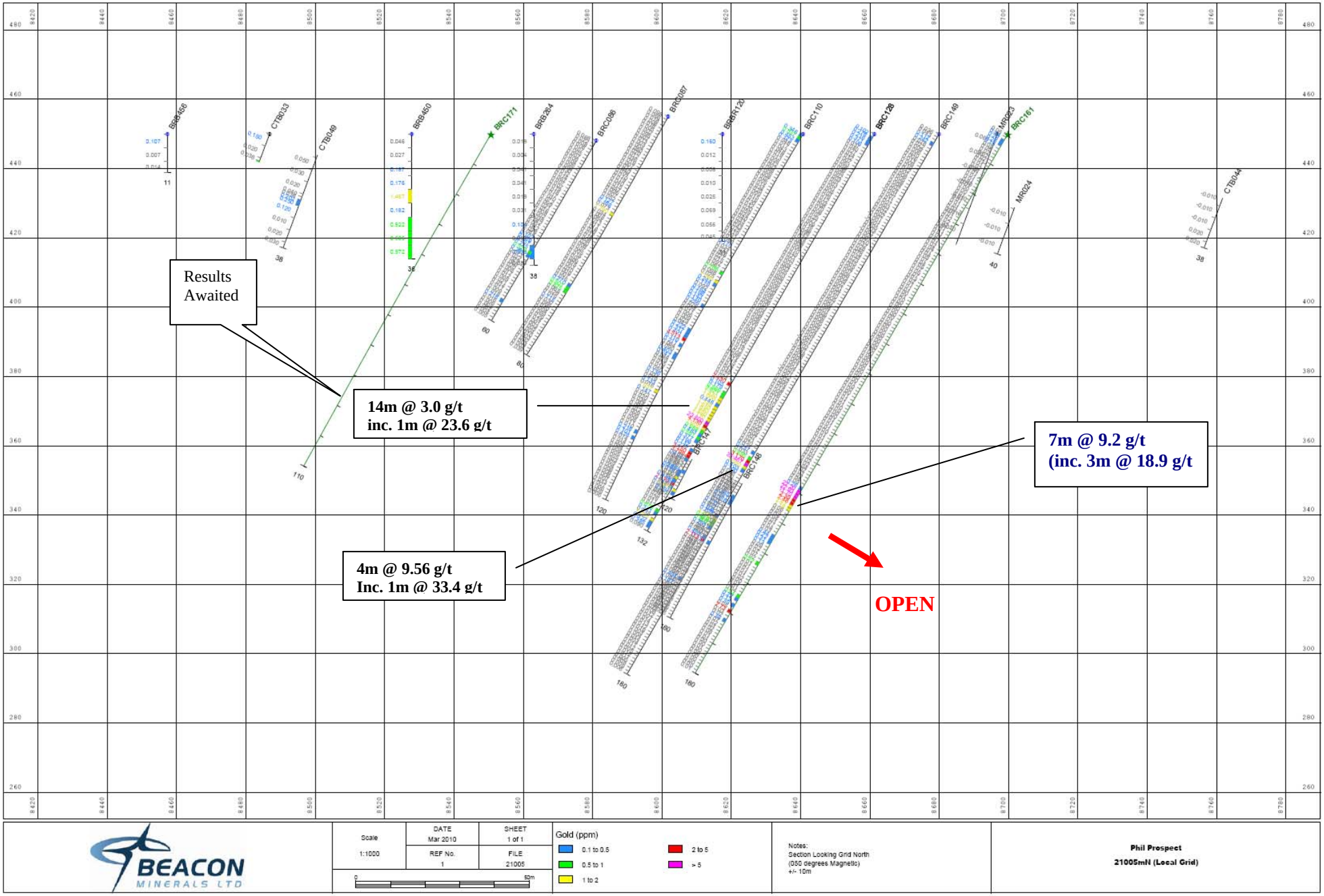
Gold mineralisation was intersected at the interpreted down plunge position of the Halleys West lode in BRC 159 (1m @ 2.5 g/t Au) and 160 (1m @ 1.2 g/t Au) within a broader anomalous gold halo. It may be that deviation in the deeper RC drilling could have lead to the high grade core of the Halleys West lode being missed. The geology and results will be incorporated into the 3D model to allow interpretation and any further drill hole planning. The high grade Halleys West lode has now been traced for over 60m although the mineralised structure(s) itself has been traced for over 100m and is open down plunge.

Gold mineralisation intersected at shallower depths in BRC159-160 including **4m @ 15.4 g/t Au and 10m @ 3.5 g/t Au** represent oxide intercepts from within the Halleys East resource which lies some 40m east of the Halley's West zone.

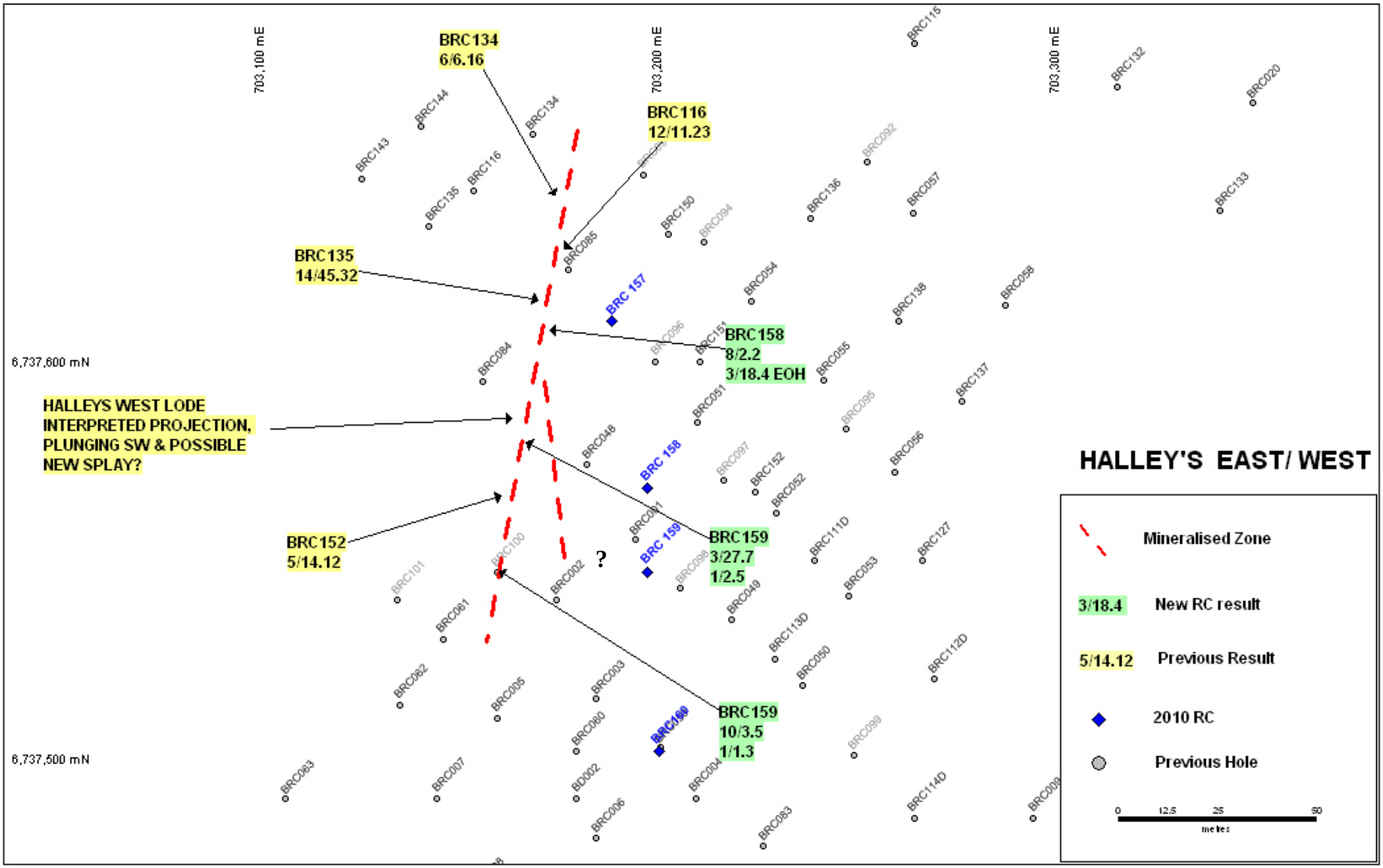
Drilling at ***Phil South*** was designed to extend the mineralisation down dip. Several holes have been drilled at Phil; however, only results for BRC161 to 163 are available. Hole BRC 161-162 were drilled at Phil South and intersected the distinctive Phil South laminated cherty-sulphide zone with BRC 161 recording **7m @ 9.2 g/t Au (inc. 3m @ 18.9 g/t Au)** from 119m down hole and BRC 162 intersecting **9m @ 3.9 g/t Au** from 117m depth. The Phil South zone is open at depth and further RC drilling is planned to further extend the mineralisation.

Hole ID	East	North	Area	Az/Dip	Total Depth	From	To	Intercept	g/t Gold
BRC158	703198	6737568	Halley's West	320/-65	100	18	19	1m	@ 0.6
BRC158						22	30	**8m**	@ **2.2**
BRC158						42	43	1m	@ 0.9
BRC158						57	58	1m	@ 9.2
BRC158						97	100	**3m**	@ **18.4 EOH**
BRC159	703198	6737547	Halleys West	320/-65	130	31	32	1m	@ 0.5
BRC159						35	38	**3m**	@ **3.9**
BRC159						53	56	3m	@ 0.5
BRC159						59	60	1m	@ 0.6
BRC159						65	69	**4m**	@ **15.4**
BRC159						67	69	inc 2m	@ 30.1
BRC159						74	76	2m	@ 1.4
BRC159						81	84	**3m**	@ **27.3**
BRC159						82	84	inc 2m	@ 41.2
BRC159						99	100	1m	@ 0.8
BRC159						107	108	1m	@ 2.5
BRC159						115	117	2m	@ 1.5
BRC160	703201	6737502	Halleys West	320/-60	155	16	18	2m	@ 1.1
BRC160						20	24	4m	@ 0.5
BRC160						43	44	1m	@ 0.5
BRC160						46	56	**10m**	@ **3.5**
BRC160						134	135	1m	@ 1.3
BRC161	702984	6739192	Phil	320/-60	180	119	126	**7m**	@ **9.2**
BRC161						119	122	inc 3m	@ 18.9
BRC161						143	144	1m	@ 0.5
BRC161						154	155	1m	@ 0.9
BRC161						159	160	1m	@ 2.7
BRC162	702973	6739182	Phil	320/-60	140	117		**9m**	**@3.9**
BRC162						138	140	2m	@0.8 EOH
BRC163	702995	6739374	Phil	320/-60	120	90	92	2m	@3.8

Results calculated at + 0.5 g/t Au, with a maximum of 2 metres internal dilution.
Repeat assays averaged.
Samples collected as single metre samples from cone splitter via cyclone mounted on drill rig.
Duplicate blanks and certified standard samples inserted routinely.
Assays sent to Ultratrace Laboratories in Perth. Gold & PGE determination via Fire Assay-ICP / OES
EOH – End of Hole



ATTACHMENT 2 - PHIL SOUTH – Cross Section 21095mN



ATTACHMENT 3 – HALLEYS EAST / WEST– Schematic Plan showing interpreted trend of Halley's West Mineralised Structure