



FURTHER HIGH GRADE GOLD RESULTS FROM BARLEE

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Dear Sir/Madam

FURTHER HIGH GRADE GOLD RESULTS FROM BARLEE

The company is pleased to announce the final remaining drill results from the recently completed program at the Barlee Gold Project. Significant results were obtained from four areas - Halley's East, Phil South, Phil North and Crabman South, and include;

- **10m @ 18.47 g/t Au (inc. 4m @ 41.38 g/t Au)**
- **5m @ 14.13 g/t Au (inc. 3m @ 23.11 g/t Au)**
- **9m @ 11.08 g/t Au (inc. 1m @ 26.0 g/t Au and 1m @ 44.7g/t Au)**
- **3m @ 10.47 g/t Au**
- **14m @ 3.03 g/t (inc. 1m @ 23.6 g/t Au)**
- **1m @ 11.35 g/t Au**
- **1m @ 9.6 g/t Au**
- **1m @ 18.1 g/t Au**
- **3m @ 1.57 g/t**
- **7m @ 1.23 g/t Au**

Managing Director, Darryl Harris stated "The Barlee Gold project has produced very exciting gold results from every drilling program completed by the company. We now have a substantial mineralised province which warrants further aggressive drilling activity to achieve the company's exploration target of 500,000 ounces. Planning is underway for an extensive drilling program to commence in November 2009 as well as completion of a JORC resource for Halleys East. This recent program has produced further significant results including-

- Clarification of the controls to the high grade mineralisation at Halley's East and Phil South from diamond drilling providing the company with new target zones to test.
- Extension of the Halleys East mineralised zone to the west.
- Identification of new mineralised zones at Crabman South, GLR and Phil North from RC drilling.
- Identification of further anomalous regional gold grades from RAB drilling, which requires follow-up."

Halleys East

Diamond hole BD002 was drilled into the main mineralised zone to provide core samples for preliminary metallurgical and bulk density test work. Significant results included **9m @ 11.08 g/t Au** from 37m and **3m @ 10.47 g/t Au** from 50m down hole.

Diamond core drilling aimed at testing depth extensions to the Halleys East mineralised zones returned intercepts including **1m @ 11.35 g/t Au** from 242m, **1m @ 9.69 g/t Au** from 131m and **1m @ 6.18 g/t Au** from 141m. The mineralisation at depth is interpreted to comprise a number of north east striking, steeply dipping zones.

All results from Halleys East including the newly interpreted Western Zone intersected in BRC116 (announced to ASX 8 September 2009) of **12m @ 11.23 g/t Au** will now be incorporated into the revised geological model in readiness for initial resource calculations.

Phil South

BD001, a diamond hole drilled to aid in the structural interpretation of the Phil South mineralised zones returned **10m @ 18.47 g/t Au** from 69m and **5m @ 14.13 g/t Au** from 81m within the distinctive laminated silica – pyrite zone.



BD001 – Laminated silica-pyrite zone. Phil South.

RC hole (BRC128) was also completed at Phil South testing the interpreted down plunge extension of high grade mineralisation. A significant result of **14m @ 3.03 g/t Au** from 86m was returned hosted by the distinctive laminated silica-pyrite zone characteristic of Phil South. Further intercepts including **2m @ 3.47 g/t** from 106m and **3m @ 1.33 g/t** from 114m were also received.

The mineralisation is open at depth and down plunge to the southwest and further drilling is a high priority.

Phil North

Phil North is an interpreted parallel zone 100m to the north of the Phil South Prospect. RC drilling intersected **4m @ 1.66 g/t Au** from 77m behind a previous RC hole which intersected **6m @ 1.6 g/t Au** and **3m @ 4.8 g/t Au**. This lightly tested zone is open in all directions and further drilling is warranted.

Crabman South

The drilling at Crabman South was aimed at testing a sub-vertically, NE-SW trending mineralised zone(s) interpreted in historical RAB holes. The drilling intersected variably sheared mafic rocks with similar alteration to that seen at Halley's East (silica-diopside-carbonate-pyrite). Up to 30% pyrite was recorded within the 57-65m (**7m @ 1.23 g/t Au**) quartz-sulphide mineralised zone. At a +0.1g/t Au cut-off, an anomalous result of 29m @ 0.63g/t (38-67m) occurs suggesting that the mineralised halo may be of some size.

The high grade intercept recorded from 130m in BRC 121 (**1m @ 18.1 g/t Au**) was observed to be in an altered, pink-brown laminated silica-pyrite zone from 128-138m and is similar to that seen at Phil South.

The results from Crabman South, located 1km southwest of Halley's East are viewed by the company to be highly encouraging as it represents a new mineralised zone and further drilling is planned.

GLR and King

At the GLR prospect, located 1,500 m southwest of Halley's East along the interpreted shear zone, two holes spaced 50m apart were drilled underneath anomalous RAB holes (BRB498, 11m @ 0.3 g/t, BRB603, 20m @ 0.3 g/t Au). Results at +0.5 g/t Au are presented in Attachment 1.

At +0.1 g/t Au, the two RC holes at GLR recorded **10m @ 0.34 g/t Au** from 19m in a ferruginised felsic unit (BRC124), whilst **5m @ 0.2 g/t Au** (46-51m) was returned from BRC 125 in a similar lithology. The GLR area shows geological similarities to Halley's East with respect to alteration and lithology, and further RAB drilling along the mineralised trend is planned prior to any further RC drilling.

A total of two RC holes were drilled into the King Prospect (BRC122 & 123) as an initial test into the package of sheared mafic and felsic porphyries. At +0.1 g/t Au, a result of 7m @ 0.22 g/t Au from 33m was recorded in BRC 122.

Results from the remaining RAB drilling from Phil SW and Gimlet have also been received.

At Phil SW, results of **8m @ 0.33 g/t Au** from surface and 4m @ 0.1 g/t from 12 m were recorded in BRB692 (at +0.1 g/t Au). Mineralisation is still open to the southwest at Phil SW, and further drilling is planned. Weakly anomalous gold were recorded in two holes drilled at Gimlet.

Regional soil sampling in E77/1364 has outlined several anomalies which require follow-up work. These anomalies, although only broadly defined by 200m x 50m spaced sampling to date appear to correlate to NE trending structures.

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.

ATTACHMENTS 1 to 6

Attachment 1 – Significant RC Drilling Results

Hole ID	Area	East	North	Azi/Dip	Tot Depth	From	To	Intercept	g/t gold (+0.5 g/t)
BRC119	Halley's SW	702958	6737420	-60/320	90	19	20	1m	0.81
BRC120	Halley's SW	702995	6837380	-60/320	144	34	35	1m	0.51
						79	80	1m	1.35
	Crabman								
BRC121	South	702515	6736870	-60/150	144	44	45	1m	0.58
						48	51	3m	1.57
						57	65	7m	1.23
						130	131	1m	18.1
						135	136	1m	0.55
BRC122	King	702196	6736590	-60/320	108	33	34	1m	0.54
BRC124	GLR	701823	6736170	-60/320	114	19	20	1m	1.03
						23	24	1m	0.56
BRC127	Halley's East	703180	6737490	-60/320	144	30	31	1m	2.93
						54	57	3m	0.54
						129	130	1m	0.54
BRC128	Phil South	702960	6739222	-60/320	132	83	84	1m	2.43
						86	100	14m	3.03
						96	97	inc 1m	23.60
						106	108	2m	3.47
						114	117	3m	1.33
						128	129	4m	1.85
BRC130	Phil	702983	6739390	-60/320	108	54	58	4m	0.97
						67	69	2m	0.73
						77	81	4m	1.66

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 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.

Attachment 2 – Significant DC Drilling Results

Hole ID	Area	East	North	Azi/Dip	Tot Depth	From	To	Intercept	gold (+0.5 g/t)
BRC111D	Halley's East	703240	6737550	-55/320	183	131	132	1m	9.69
BRC112D	Halley's East	703270	6737520	-55/320	246.4	131	132	1m	1.33
						242	243	1m	11.35
BRC113D	Halley's East	703230	6737525	-60/320	158.5	79	80	1m	1.33
						86	87	1m	1.0
						141	142	1m	6.13
BD001	Phil South	702965	6739255	-60/320	113.4	69	79	10m	18.47
					Inc.	71	75	4m	41.38
						81	86	5m	14.34
					Inc.	82	85	3m	23.11
						105	109	4m	0.81
BD002	Halley's East	703180	6737490	-60/320	78.8				
						17	19	2m	0.71
						23	24	1m	0.85
						28	32	4m	0.91
						37	46	9m	11.08
					Inc.	38	39	1m	26.03
						41	42	1m	15.03
						44	45	1m	44.77
						50	53	3m	10.47
						66	67	1m	2.91

Results calculated at + 0.5 g/t, maximum of 2m internal dilution.

Repeat assays averaged.

Samples collected as single metres, cut to and sampled as ½ core NQ2 or ¼ core HQ3.

Diamond Drill holes completed a 'tails' (D - suffix) drilled with NQ2 to EOH

Diamond hole BD001 drilled HQ3 to 71m then NQ to EOH

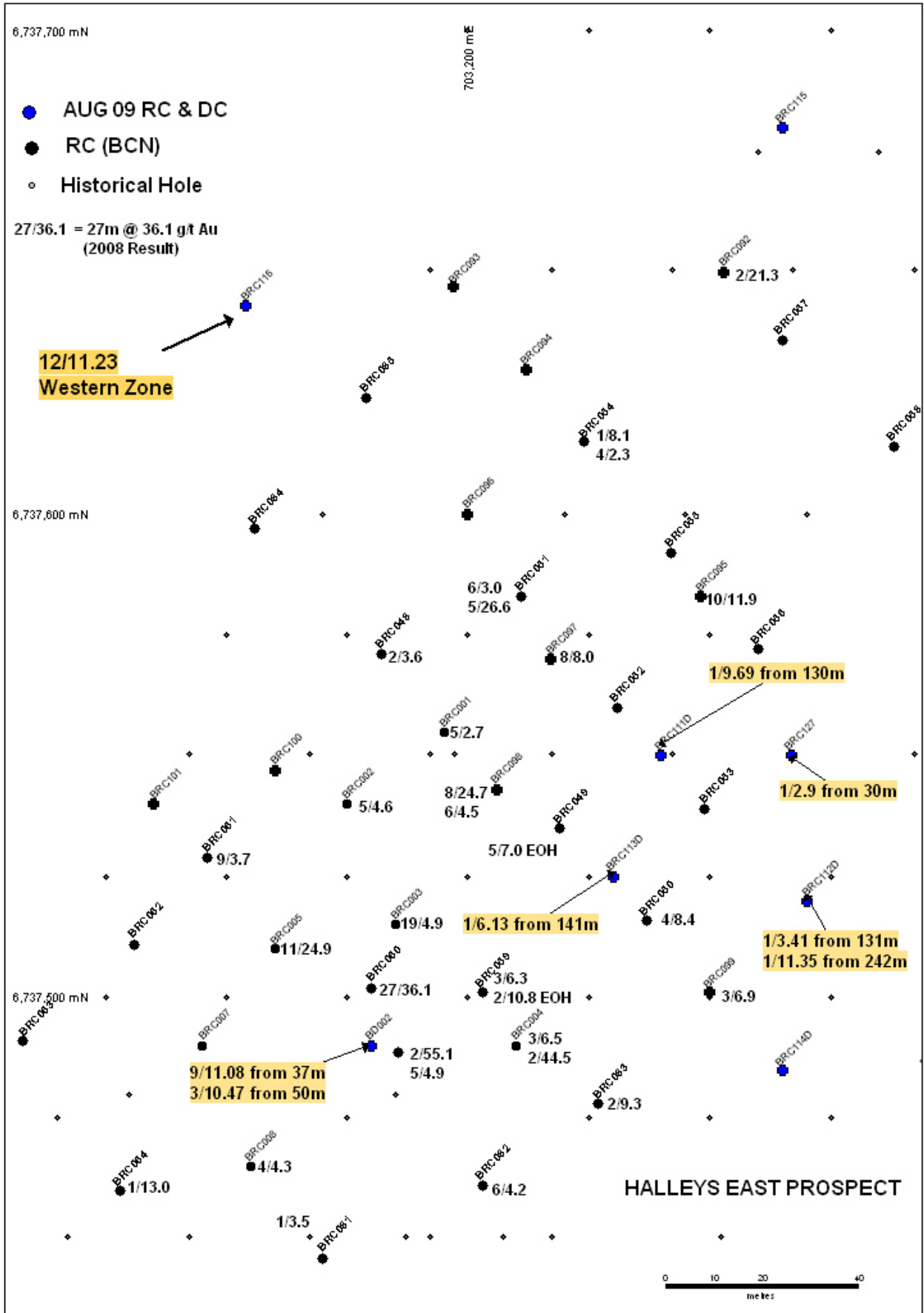
Diamond hole BD002 drilled HQ3 to EOH

Certified standard samples inserted routinely.

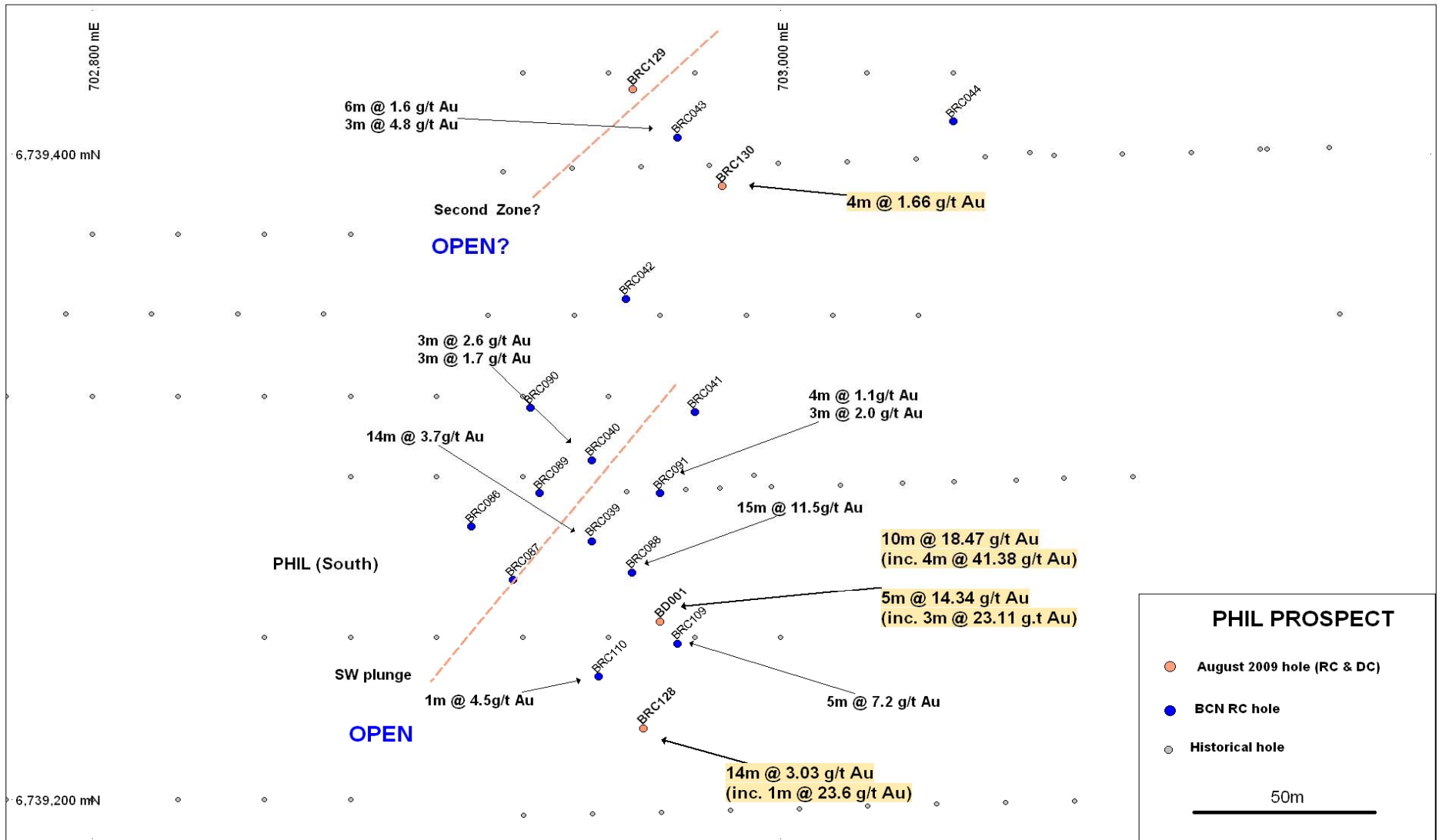
Assays sent to Ultratrace Laboratories in Perth. Gold & PGE determination via Fire Assay-ICP/OES

Au = gold, EOH= End of Hole

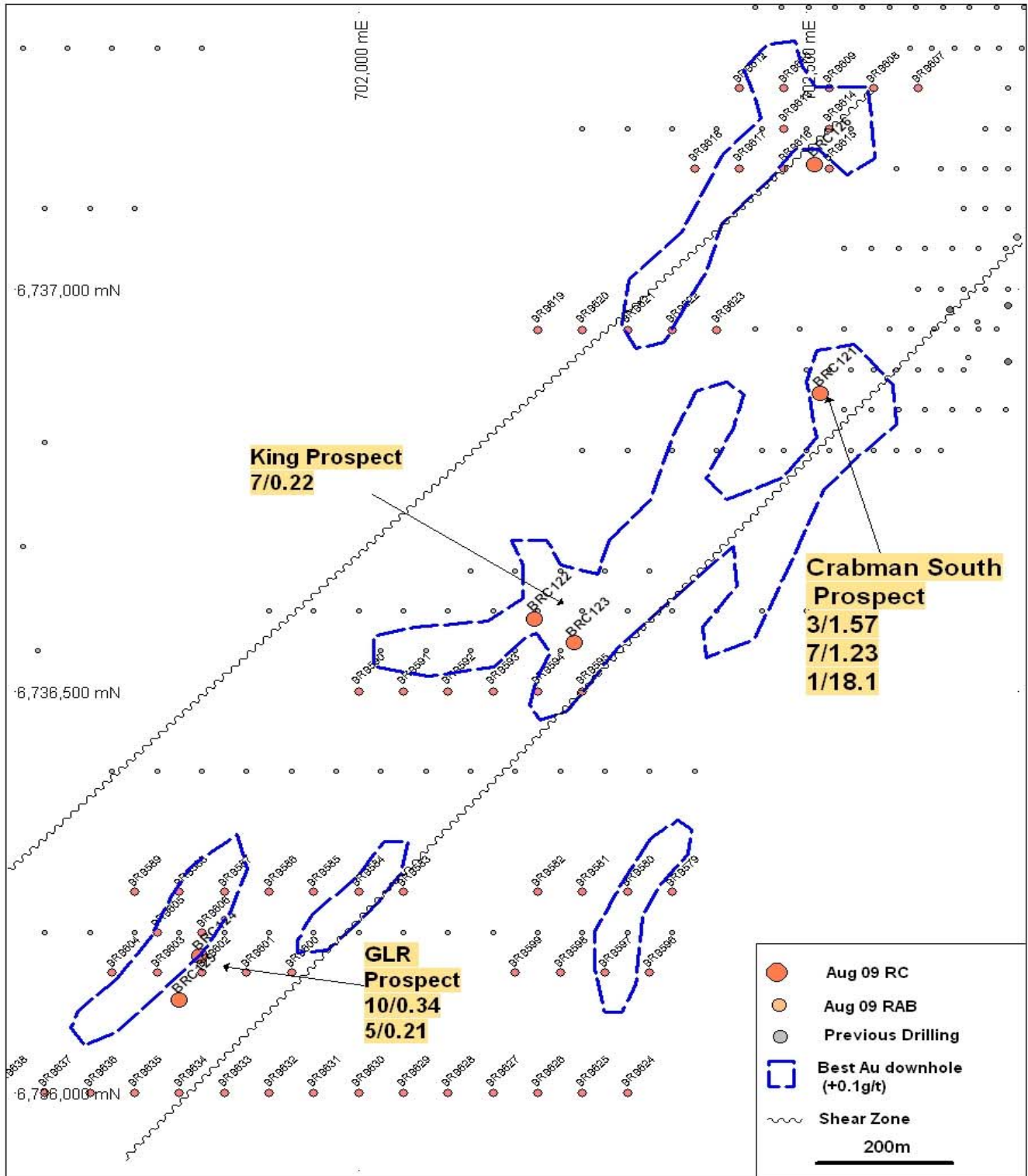
Attachment 3 – Halley’s East Prospect – Collar Location Plan



Attachment 4 – Phil Prospect – Drill hole locations



Attachment 5– Barlee Project –RC drilling location map



Attachment 6– Barlee Project – Drilling overview map.

