



ASX RELEASE

Stock Exchange

ASX: BCN
BCNOA
BCNO

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

29 October 2009

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

Dear Sir/Madam

QUARTERLY REPORT FOR THE PERIOD ENDING 30 SEPTEMBER 2009

During the quarter the company continued to aggressively explore the Barlee Gold project which produced exciting results both at the known Halleys East mineralised zone and from additional regional targets. Drilling program highlights include :

- 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."
- Completion of **2,158 metres of RC drilling** returns highly encouraging results from several prospects including;

Intercept	Prospect
12m @ 11.23 g/t Au (inc. 3m @ 25.02 g/t Au)	Halleys East Newly identified Western Zone
14m @ 3.03 g/t Au (inc. 1m @ 23.6 g/t Au)	Phil South Down plunge extension
3m @ 1.57 g/t Au 7m @ 1.23 g/t Au 1m @ 18.1 g/t Au	Crabman South Newly discovered prospect
4m @ 1.66 g/t Au	Phil North.

- Completion of approximately **628 metres of Diamond drilling** at Halleys East and Phil South. Significant results include;

Intercept	Prospect
10m @ 18.47 g/t Au (inc. 4m @ 41.38 g/t Au) 5m @ 14.34 g/t Au (inc. 3m @ 23.11 g/t Au)	Phil South
9m @ 11.08 g/t Au 3m @ 10.47 g/t Au	Halleys East Metallurgical surface samples
1m @ 9.69 g/t, Au 1m @ 11.35 g/t Au 1m @ 6.13 g/t Au	Halleys East Deep drilling

- Completion of approximately **4,455m of RAB drilling** testing several anomalies and conceptual targets. Better results included

Intercept	Prospect
4m @ 1.0 g/t Au	Halleys NE
20m @ 0.33 g/t Au 16m @ 0.3 g/t Au	GLR Prospect
16m @ 0.4 g/t Au	Prince
4m @ 1.02 g/t Au	Phil SW

- Collection of **530 soil samples** within E77/1364 which identified several gold anomalies worthy of follow-up.

For and on behalf of
BEACON MINERALS LIMITED



Darryl Harris
Managing Director

ATTACHMENTS

Detailed Exploration –Barlee Gold Project

During the quarter, the company was very active completing several exploration programs at its Barlee Gold Project located 200km north of Southern Cross in Western Australia.

A total of 2,158m of RC drilling (20 holes), 628.3m of diamond core drilling (6 holes) and 4,455m of RAB drilling (173 holes) were completed at various prospects and priority regional targets.

A number of highly encouraging results were received from various prospects which are discussed below. Tabulated results are presented in Attachments 1,2 & 3.

Halleys East

A total of three RC holes and five diamond holes (including pre-collars) were completed at Halley's East during the quarter.

A significant result was received from RC hole (BRC116) drilled at Halley's East which has intersected a potential new high grade mineralised zone west (Western Zone) of the previously defined mineralisation.

BRC116 was drilled as a scissor hole (-60/150°) back towards the main mineralised trend aimed at testing an alternative structural model for Halleys East, and intersected **12m @ 11.23 g/t Au (inc. 2m @ 15.75 g/t Au and 3m @ 25 g/t Au)** from 52m down hole.

Diamond hole BD002 which was drilled from surface into the main mineralised zone. The hole was completed in order to provide core samples for preliminary metallurgical and bulk density test work and returned results of **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 ENE to NE (060-070°) striking, steeply dipping zones. Observations from diamond core show the mineralised zones are characterised by intense silica-flooding and pink-pale green cherty material, with associated diopside, carbonate and sulphides. Brecciation was also noted.



BRC111D (131.1-131.25m). Sheared Basalt. Characterised by silica-flooding and pinky cherty material, sulphides and carbonate. Assay value 131-132m - 9.69 g/t Au

Geological interpretation is continuing and the company plans to complete petrological and multi-element geochemistry on selected samples to aid in the geological understanding. A collar map is presented as Attachment 4.

All results from Halley's East including the newly interpreted Western Zone intersected in BRC116 will now be incorporated into the revised geological model in readiness for initial resource estimations.

Phil Prospect

BD001, a diamond hole drilled to aid in the structural interpretation of the Phil South mineralised zones returned **10m @ 18.47 g/t Au (inc. 4m @ 41.38 g/t Au)** from 69m and **5m @ 14.13 g/t Au (inc. 3m @ 23.11 g/t Au)** from 81m within the distinctive laminated silica-pyrite zone.



BD001 – Laminated silica-pyrite zone. Phil South.

An 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 (inc. 1m @ 23.6 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.

Drilling completed at an interpreted zone (Phil North) 100m to the north of the Phil South Prospect intersected **4m @ 1.66 g/t Au** from 77m behind a previous Beacon 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. A collar map is presented as Attachment 5.

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. Anomalous gold at lower levels was also recorded in this interval.

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.

Other Prospects

At the GLR prospect, located 600 m southwest of King 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. A single hole drilled into anomalous RAB along the Prince shear zone and four RC holes drilled at Halley's SW also returned weakly anomalous results.

RAB Drilling

Regional RAB drilling returned a number of anomalous results from several prospects including GLR, Prince, Phil SW, Halley's NW and Lost Bolt (Attachment 3 & 6). These are considered highly encouraging as they further strengthen the company's exploration philosophy that gold mineralisation is associated with NE trending shear zones, and further work is considered a priority.

The company is presently finalising plans to complete further RAB drilling at priority prospects and to also test other conceptual targets.

Soil Geochemistry

Regional soil sampling in E77/1364 has outlined several anomalies which require follow-up work. A total of 530 samples were collected. These anomalies, although only broadly defined by 200m x 50m spaced sampling to date appear to correlate to NE trending structures.

Further infill sampling is planned to better define these anomalies prior to initial RAB drill testing. The company is also proposing a larger regional soil geochemical programme to the north of the main drill area which aims to test several structural targets within the greenstone belt.

Attachment 1 – Significant RC Results

Hole ID	Area	East	North	Azi/ Dip	Tot Depth	From	To	Intercep t @	g/t gold (+0.5 g/t)
BRC111D	Halleys East	703240	6737550	- 55/320	183	60	64	4m	0.64
BRC113D	Halleys East	703230	6737525	- 60/330	158.5	28	36	8m	0.75
BRC116	Halleys East	703154	6737643	- 60/140	138	52	64	12m	11.23
BRC116						54	56	inc 2m	15.75
BRC116						58	61	inc 3m	25.02
BRC116						90	91	1m	1.36
BRC118	Halleys SW	703050	6737382	- 60/320	144	0	3	3m	0.93
BRC118						44	46	2m	2.01
BRC119	Halleys SW	702958	6737420	- 60/320	90	19	20	1m	0.81
BRC120	Halleys SW	702995	6837380	- 60/320	144	34	35	1m	0.51
						79	80	1m	1.35
BRC121	Crabman 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 meters internal dilution

Repeat assays averaged.

Samples collected as single meter 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 Diamond Results

Hole ID	Area	East	North	Azi/Dip	Tot Depth m	From	To	Intercept @	g/t gold (+0.5 g/t)	
C111D	Halley's East	703240	737550	-55/320	183	131	132	1m	9.69	
C112D	Halley's East	703270	737520	-55/320	246.4	131	132	1m	1.33	
						242	243	1m	11.35	
C113D	Halley's East	703230	737525	-60/320	158.5	79	80	1m	1.33	
						86	87	1m	1.0	
						141	142	1m	6.13	
						105	109	4m	0.81	
BD001	Phil South	702965	739255	-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
D002	Halley's East	703180	737490	-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 meters, 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 – Significant RAB Results

Hole ID	Area	East	North	Azi/Di p	Tot Dept h	From	To	Intercept	g/t gold
BRB584	King	702000	6736250	0/-90	36	16	20	4m	0.172
BRB597	King	702275	6736150	0/-90	25	16	24	8m	0.158
BRB603	King	701775	6736150	0/-90	43	20	40	20m	0.334 0.139
BRB605	King	701775	6736200	0/-90	35	32	35	3m	(EOH)
BRB606	King	701825	6736200	0/-90	37	16	32	16m	0.296
BRB608	Prince	702575	6737250	0/-90	31	24	31	7m	0.102
BRB612	Prince	702425	6737250	0/-90	28	20	24	4m	0.115
BRB613	Prince	702475	6737200	0/-90	29	12	16	4m	0.123
BRB615	Prince	702525	6737150	0/-90	80	12	28	16m	0.404
BRB617	Prince	702425	6737150	0/-90	35	8	12	4m	0.261
BRB618	Prince	702375	6737150	0/-90	24	16	20	4m	0.134
BRB621	Prince	702300	6736950	0/-90	37	8	32	24m	0.208 0.149
BRB654	Lost Bolt	701350	6731600	0/-90	26	24	26	2m	(EOH)
BRB655	Lost Bolt	701250	6731600	0/-90	40	24	28	4m	0.233
BRB662	Halleys NW	703600	6737800	0/-90	46	16	20	4m	0.157
BRB666	Halleys NW	703800	6737800	0/-90	35	24	28	4m	0.155
BRB667	Halleys NW	703750	6737850	0/-90	48	28	32	4m	0.540
BRB672	Halleys NW	703800	6737900	0/-90	32	24	28	4m	1.003 0.338
BRB673	Halleys NW	703850	6737900	0/-90	31	24	31	7m	(EOH) 0.100
BRB674	Halleys NW	703900	6737900	0/-90	36	32	36	4m	(EOH) 0.283
BRB677	Halleys NW	704250	6738100	0/-90	38	28	38	10m	(EOH)
BRB685	Phil	702525	6739000	0/-90	29	16	20	4m	0.105 0.111
BRB685						28	29	1m	(EOH)
BRB688	Phil	702675	6739000	0/-90	32	0	4	4m	0.123
BRB688						24	28	4m	0.236
BRB690	Phil	702775	6739000	0/-90	31	0	4	4m	1.025
BRB690						24	28	4m	0.102
BRB691	Phil	702825	6739000	0/-90	41	0	8	8m	0.204
BRB691						20	24	4m	0.359
BRB692	Phil	702875	6739000	0/-90	35	0	16	8m	0.330

Results calculated at + 0.1 g/t

Repeat assays averaged.

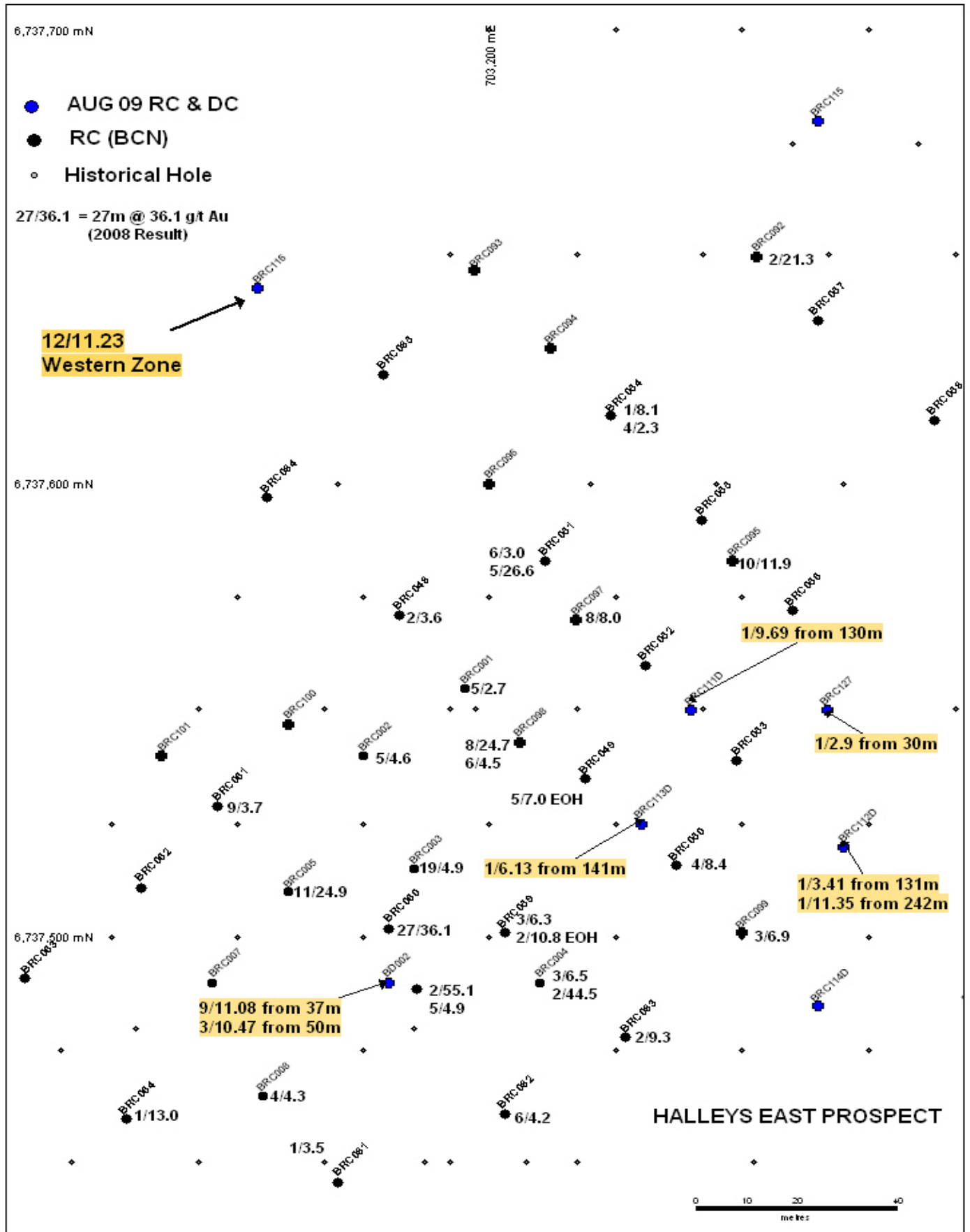
Samples collected as composite samples to a maximum of 4m

Duplicate samples inserted routinely.

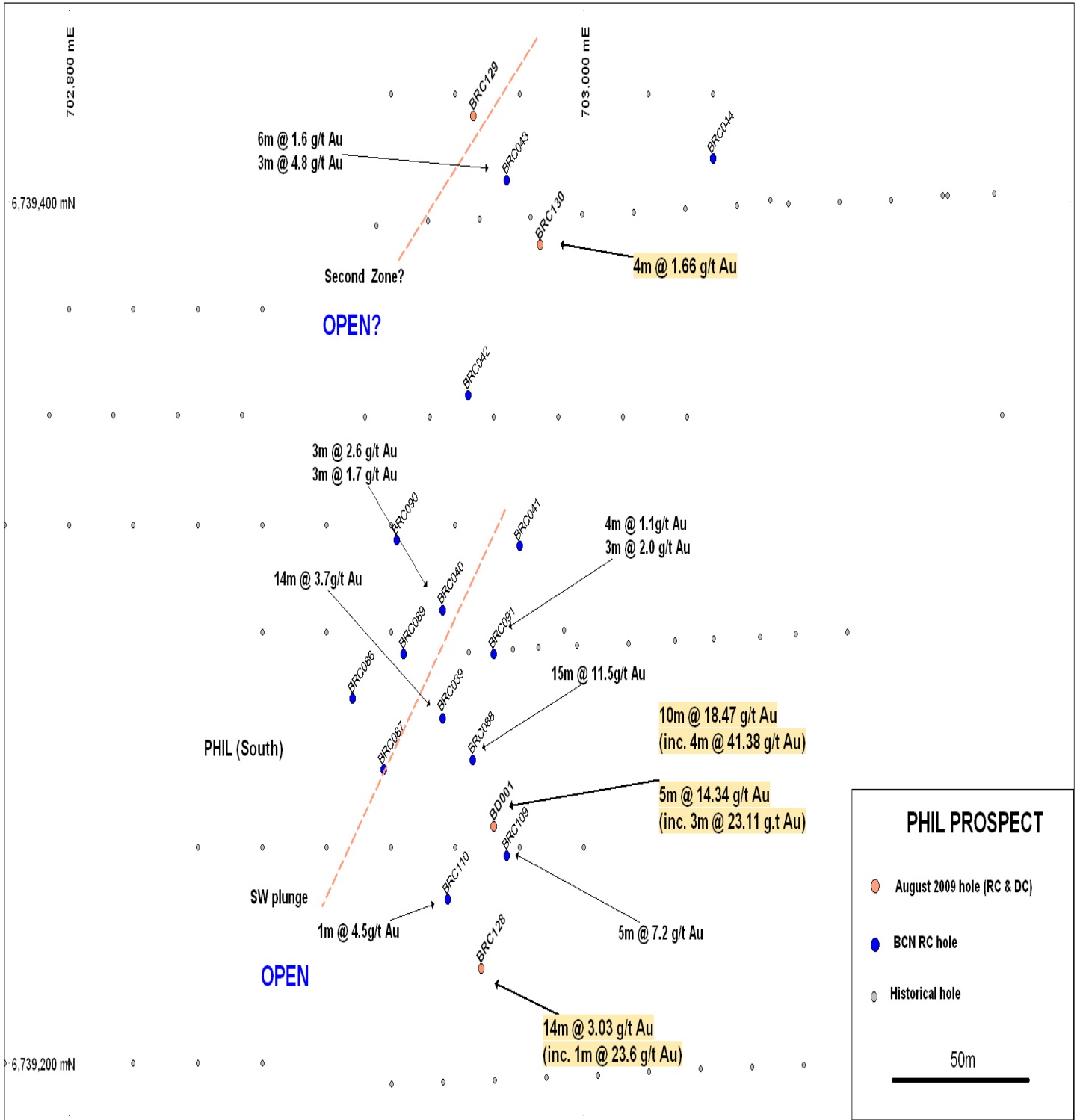
Assays sent to Ultratrace Laboratories in Perth. Gold & PGE determination via Fire Assay-ICP/OES

Au = gold, EOH= End of Hole

Attachment 4 – Halleys East Collar Map



Attachment 5 – Phil Collar Map



Attachment 6 – Regional Results

