

26th August 2010

Australian Stock Exchange Limited
Via Electronic Lodgement

ICON and ZONE 102 DEPOSITS EXTENDED

Gascoyne Resources Limited is pleased to announce that all the results from the recent RC drilling at the Icon, Apollo and Zone 102 Deposits at the Glenburgh project have been received. A total of 1,956 metres of reverse circulation drilling in 15 holes was completed and successfully extended the Icon Deposit a further 100m east and extended one of the mineralised surfaces at the Zone 102 Deposit a further 50 metres further east. Results include:

Icon Drilling:

47m @ 1.4 g/t Au in VRC399 from 81m (including 6m @ 3.0g/t and 8m @ 2.0g/t)

18m @ 1.4 g/t Au in VRC401 from 69m (including 4m @ 2.2g/t)

Zone 102:

14m @ 0.7 g/t Au in VRC412 from 31m.

GLENBURGH PROJECT PROGRAM:

A brief description of the results at each of the deposits is outlined below:

ICON DEPOSIT

Drilling to the east of the Icon Deposit has confirmed that the deposit extends for at least 100m further to the east than previously interpreted. Hole VRC399 returned 47m @ 1.4 g/t gold (from 81m) 50m to the east and VRC401 returned 18m @ 1.4g/t gold (from 69m) a further 50m east of the interpreted edge of the resource model. Three holes, VRC 409,410&411 drilled on a line a further 100m to the east did not return significant values but it appears they may have been located too far to the north to intersect the mineralised zone, or the mineralisation has been offset by a fault that runs through the area. The extension of the Icon Deposit east of this offsetting fault remains untested. See Table One for significant results and Figure One for the location of significant intersections.

APOLLO WEST

Drilling at this location to detect the faulted extension to the Apollo Deposit returned in VRC405 a one metre intersection @ 2.6g/t gold that on repeat analysis reported as 6.2 and 4.7 g/t gold for an average gold grade of 4.5g/t from 15m. The Apollo West position remains a target area for further drilling. See Table One and Figure One.



ZONE 102

Drilling to extend a high grade section of this deposit confirmed a 50m extension to the east with VRC 412 returning 15m @ 0.7g/t gold (from 31m). This gives confidence to the geological interpretation of this deposit. See Table One below, for significant intersections.

TABLE ONE: Significant Intersections from Recent RC drilling at Glenburgh					
Deposit	Hole Number	From	To	Interval	Grade g/t Au
Icon	VRC399	81	128	47	1.4
	inc	94	102	8	2.0
	inc	113	119	6	3.0
Icon	VRC400	125	128	3	1.0
Icon	VRC400	150	152	2	1.5
Icon	VRC401	69	87	18	1.4
	inc	81	85	4	2.2
Apollo South West	VRC405	15	16	1	2.6
Icon	VRC407	36	39	3	1.4
Icon	VRC407	75	86	11	0.7
Icon	VRC408	25	29	4	1.5
Icon	VRC408	45	47	2	0.8
Icon	VRC408	65	71	6	1.2
Icon	VRC408	92	94	2	2.0
Zone 102	VRC412	31	45	14	0.7
Zone 102	VRC413	72	80	8	0.5

Note: Holes not listed did not intersect significant mineralisation.

BASSIT BORE PROGRAM

As outlined in the June quarterly report, drilling was underway at the Bassit Bore project. Gascoyne is pleased to report that the drilling has been completed and a total of 2100m of RC drilling has been undertaken. This drilling was designed to test previously identified coincident copper and gold soil anomalies. A total of 9 coincident anomalies have been tested. Results are expected to be received early in September.





FORWARD PROGRAM:

Glenburgh Project:

Heritage surveys have been planned to commence in early September, to allow a shallow geochemical drill program to commence in mid to late September. This program is designed to test a number of trends that have been identified from the recent review of exploration effectiveness in the Glenburgh region.

Bassit Bore Project:

Once the drill results have been assessed, additional drilling will be planned. Results from the Stream sediment program that was completed in July are expected to be received in late August. Once the areas are prioritised soil sampling will be required as a priority.

Further results and information will be provided as they become available.

*On behalf of the Board of
Gascoyne Resources Ltd*

Michael Dunbar
General Manager

Information in this announcement relating to mineral resources and exploration results is based on data compiled by Gascoyne's General Manager Mr Mike Dunbar and who is a member of The Australasian Institute of Mining and Metallurgy. Mr Dunbar has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons under the 2004 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Dunbar consents to the inclusion of the data in the form and context in which it appears.

The drilling was conducted using RC drilling with samples being collected at one metre intervals and a riffle split subsample of approximately 2-4 kg was sent to Genalysis Laboratory Services Pty Ltd in Perth Western Australia. The sample was pulverized and analysis for gold using a 50 gram lead collection fire assay digest and an atomic absorption spectrometry finish to a 0.01ppm Au detection limit. Full analytical quality assurance – quality control (QA/QC) is achieved using a suite of certified standards, laboratory standards, field duplicates, laboratory duplicate, repeats, blanks and grind size analysis.

The spatial location of the samples is derived using surveyed local grid co-ordinates, GPS collar survey pickups, and Reflex single shot downhole surveys taken every 30m down hole.

Intersections have been reported using a 0.5g/t cutoff and allowance for up to 4m of internal waste. Some +0.5g/t intersections have not been reported if they are single metre intersections or are not considered to be significant due to their isolated position compared to other intersections.

True widths have not been determined as the level of detail needed to calculate accurate true widths is not yet available, as a result down hole widths have been reported, however true widths are not expected to significantly change from the down hole widths.



GASCOYNE RESOURCES LIMITED



ACN: 139 522 900

TABLE TWO: Details of drill hole locations, dips, azimuths and total depths

Hole Number	GDA 94 co-ords		local co-ords		RL	GDA Azim	Local Azim	dip	depth (M)	Prospect
	easting	northing	East	North						
VRC399	409520	7191463	11000	10170	350	158	180	-60	154	Icon
VRC400	409499	7191509	11000	10220	350	158	180	-60	160	Icon
VRC401	409574	7191466	11050	10150	350	158	180	-60	124	Icon
VRC402	409553	7191511	11050	10200	350	158	180	-60	130	Icon
VRC403	409532	7191557	11050	10250	350	158	180	-60	130	Icon
VRC407	409444	7191390	10900	10135	350	158	180	-60	142	Icon
VRC408	409404	7191355	10850	10120	350	158	180	-60	142	Icon
VRC409	409664	7191508	11150	10150	350	158	180	-60	130	Icon
VRC410	409643	7191553	11150	10200	350	158	180	-60	124	Icon
VRC411	409623	7191599	11150	10250	350	158	180	-60	124	Icon
VRC404	409654	7191173	11000	9850	350	158	180	-60	124	Aoplo West
VRC405	409637	7191209	11000	9890	350	158	180	-60	124	Aoplo West
VRC406	409620	7191245	11000	9930	350	158	180	-60	124	Aoplo West
VRC413	414025	7193394	15900	10040	350	158	180	-60	124	Zone 102
VRC412	414042	7193358	15900	10000	350	158	180	-60	100	Zone 102



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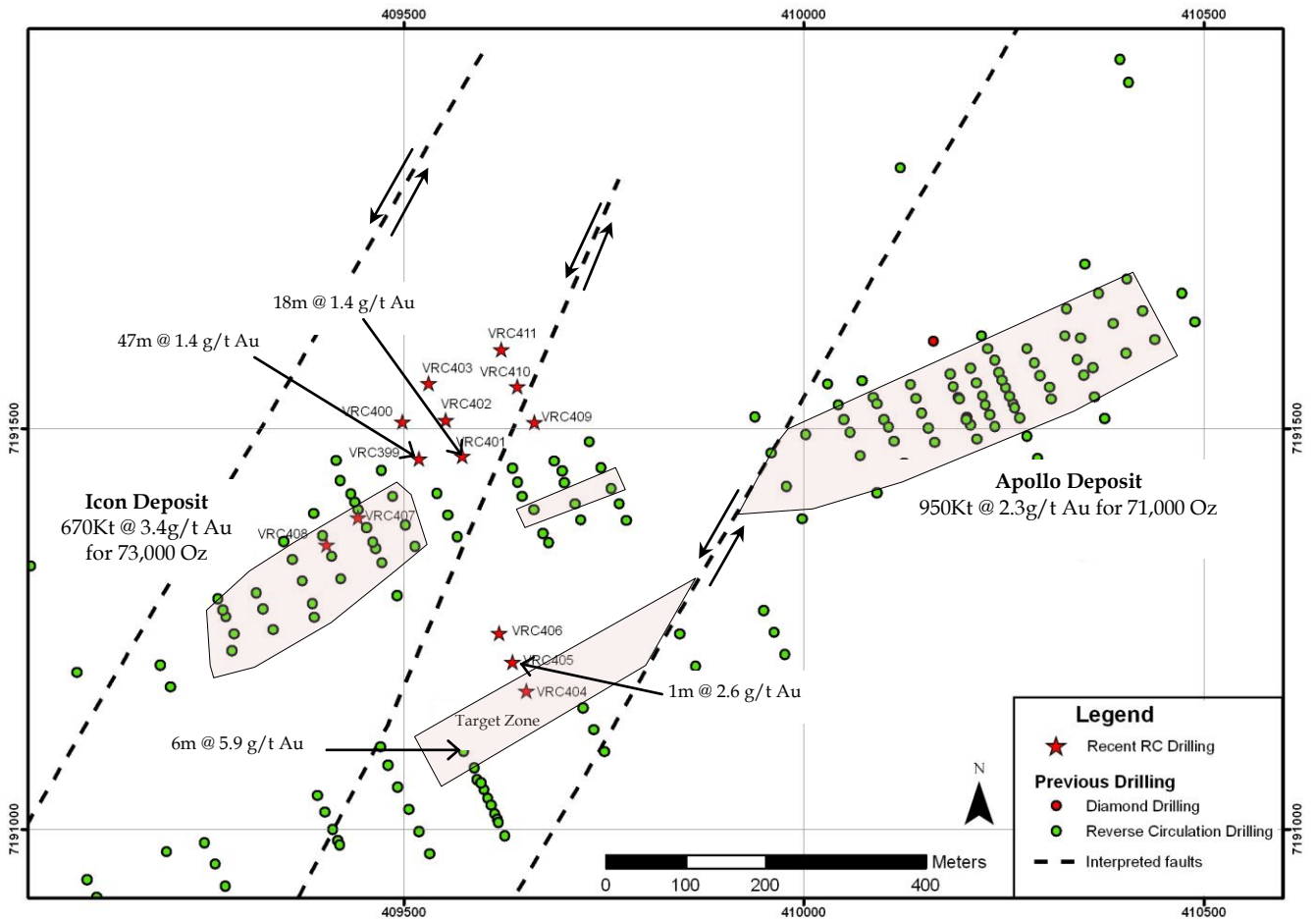


Figure 1: Drill Collar Plan at Apollo and Icon showing the mineralised zones (or target zones) and recent drilling



BACKGROUND ON GASCOYNE RESOURCES

Gascoyne Resources Limited was listed on the ASX in December 2009 following the amalgamation of the gold assets of Helix Resources Limited and Giralia Resources NL in the Gascoyne Region and a capital raising. Both Helix and Giralia have distributed in-specie 80% of their shareholding in Gascoyne to their shareholders.

Gascoyne Resources is endowed with

- The Glenburgh Project that has an inferred resource estimate of: 2.4Mt @ 2.6g/t Au for 203,000oz gold from several prospects within a 20km long shear zone.
- Advanced exploration projects at Mt James where drilling has outlined a +1 g/t Au mineralisation over at least 2.5km strike within a 300m thick package of sheared mafic amphibolites and BIFs: and at Bustler Well where previous RC drilling returned narrow high grade intersections including 1m @ 37.4g/t Au, 2m @ 9.08 g/t Au and 3m @ 7.62 g/t Au from a 150m long quartz-shear lode.
- Untested soil geochemical anomalies at Bassit Bore ready to be drilled.

Gascoyne Resources' immediate primary focus is to continue the evaluation of the Glenburgh gold deposits to delineate meaningful increases in the resource base and to identify and test additional targets in the Glenburgh mineralised system and to explore for additional gold resources on the exploration properties. Success in these activities is expected to lead to the development of a gold project based on the Glenburgh gold deposits.

Further information is available at www.gascoyneresources.com.au

