GASCOYNE RESOURCES LIMITED

ACN: 139 522 900

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Australian Securities Exchange Limited
Via Electronic Lodgement

SHALLOW DRILLING EXTENDS GLENBURGH DEPOSITS

HIGHLIGHTS:

- Gold mineralization intersected in shallow Aircore/RC drilling at a number of deposits, intersections including:
  - **3m @ 11.2 g/t gold from 19m**
  - **9m @ 2.5 g/t gold from 25m**
  - **6m @ 1.2 g/t gold from 12m**
  - **6m @ 1.4 g/t gold from 10m**
  - **13m @ 1.1 g/t gold from surface**
  - **13m @ 1.0 g/t gold from 37m to EOH**

- Drill results will be incorporated into future resource upgrades for Glenburgh

Gascoyne Resources Limited is pleased to announce new gold intersections from the Company's 100% owned Glenburgh gold project in Western Australia.

Assay results have been received from a recently completed Aircore/ RC drilling program. This drilling has targeted extensions to the high grades discovered west of the Shelby deposit conceptual pit which included up to 17m @ 4.2g/t gold (as outlined in April 2013 ASX Announcement). Additional drilling was also conducted in the Tuxedo, Apollo and South West deposit areas. These positive drill results should extend the conceptual open pits at Tuxedo, Shelby and the South West deposits once included into an updated resource which is expected to be completed in the second half of 2013.

Of particular note is that all of the intersections are shallow with many starting within 10m of the surface. Results include:

Tuxedo:

A number of significant intersections including **9m @ 2.5 g/t from 25m** (in GLAC467**)** which lies on the north western side of the conceptual Tuxedo pit - this result is expected to allow the expansion of the conceptual pit. Infill holes intersected **3m @ 11.2 g/t gold from 19m** (in GLAC471) and **6m @ 1.2 g/t gold from 12m** (in GLAC473) which confirm resource interpretations. The intersection of **13m @ 1.0 g/t gold from 37m to EOH** (in GLAC475) lies on the south eastern edge of the conceptual pit; this confirms interpreted eastern and depth extensions to the mineralisation (see Figure 1) .

Shelby:

The drilling results have strongly supported earlier wide spaced RC drilling results and now confirm the western extensions to the Shelby conceptual open pit. Results include **6m @ 1.4 g/t gold from 10m** (in GLAC497), **9m @ 0.9 g/t gold from 2m** (in GLAC501) and **4m @ 1.4 g/t gold from 26m** (in GLAC492). See Figure 1.

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South West Area:

The intersection of **13m @ 1.1 g/t gold** (from the surface in GLAC504) lies 50m east of the conceptual South West Area deposit (Figure 2). This confirms the interpretation and is expected to allow depth and eastward extensions to the planned open pit.

These new results and the rest of the previously reported 2013 drilling results will be incorporated into a resource update for the Glenburgh project, which is expected to be undertaken in late 2013.

See table one for significant (+0.5 g/t gold) drill intersections, and table two for drill hole collar details for the Glenburgh drilling.

Forward Program

Glenburgh

The Glenburgh Feasibility Study continues, and an update will be provided in the Quarterly Activities Report for the period ending 30 June 2013.

Dalgaranga

A program of Aircore drilling has been completed at the Golden Wings prospect following up the high grade RC drill intersections which included 16m @ 8.7g/t and 13m @ 2.2 g/t gold (as outlined in the June exploration update ASX announcement). This mineralisation is interpreted to be associated with an east-west trending shear zone. Aircore drilling has also been conducted testing along the Gilbeys deposit trend.

Resource estimate update for the Gilbeys deposit is also in progress and expected to be completed in the next few weeks.

Further results and updates on the exploration activities at Glenburgh and Dalgaranga as well as the Glenburgh Feasibility Study will be provided as they become available.

On behalf of the Board of
Gascoyne Resources Ltd

Michael Dunbar
Managing Director

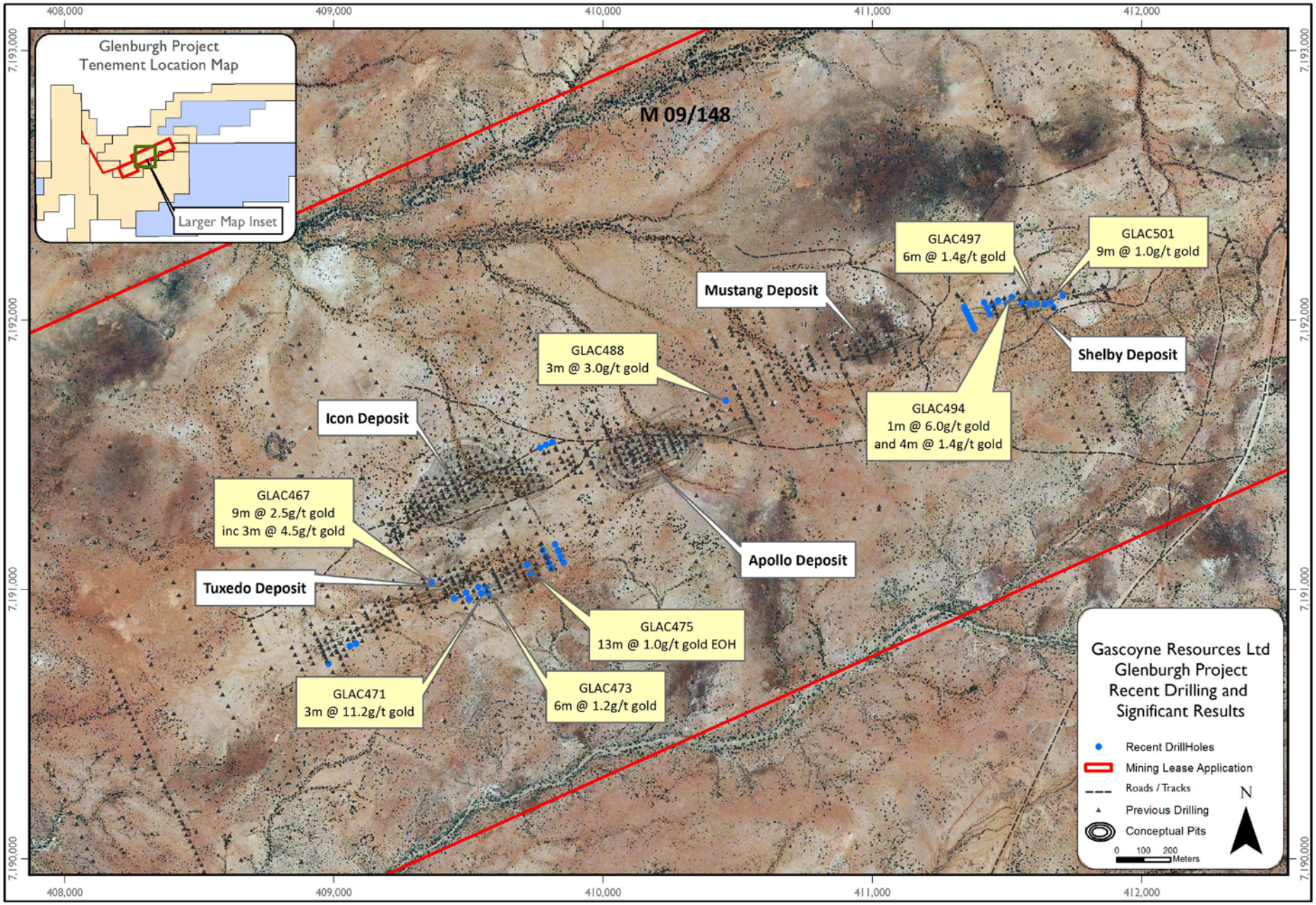

Figure One: Glenburgh Project Aircore Drilling Results - Central Area

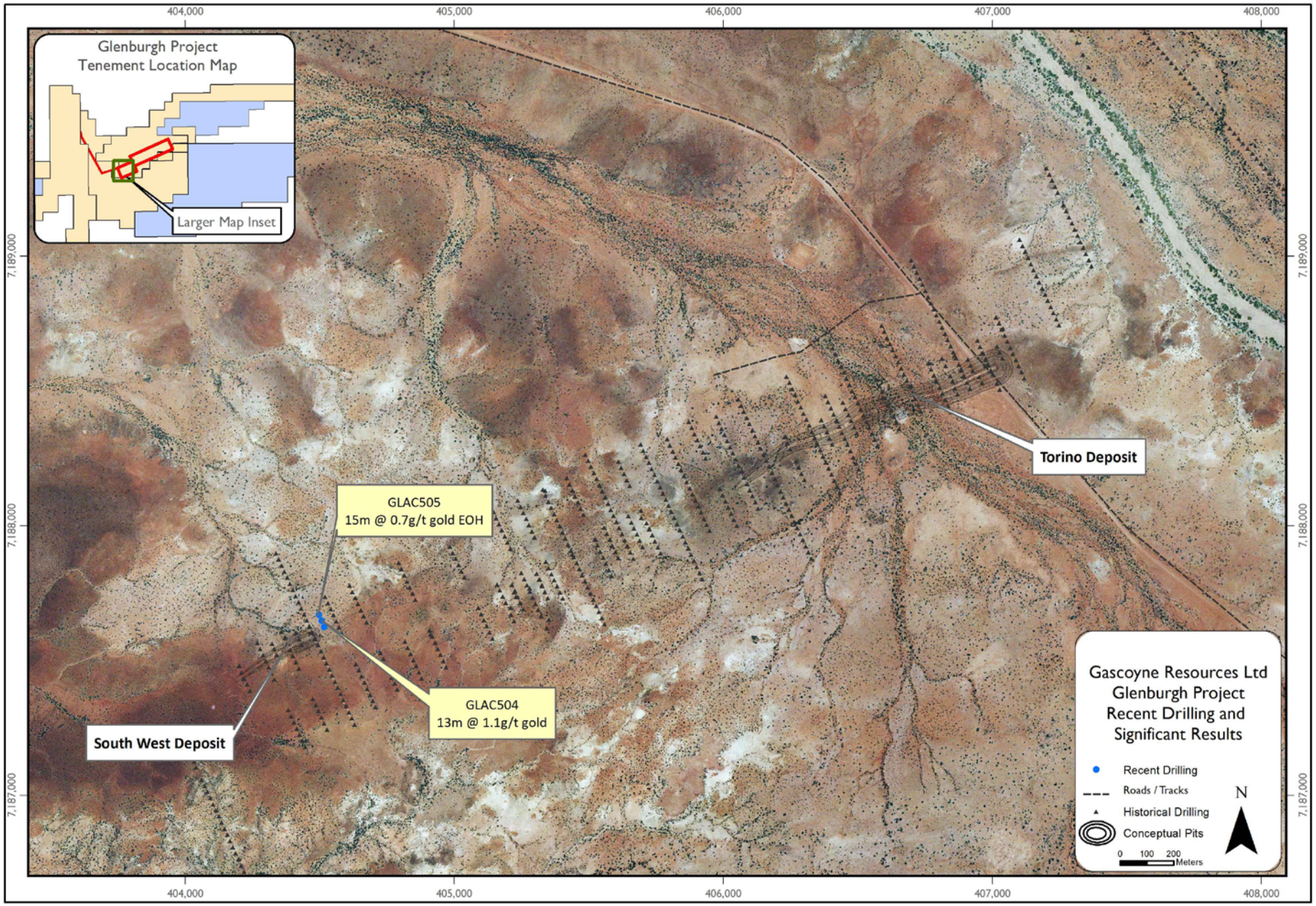

Figure Two: Glenburgh Project Aircore Drilling Results - South West Area

Table 1: Glenburgh: Significant Intersections (>0.5 g/t gold) from Recent Drilling at Tuxedo, Shelby, Apollo and South West deposit areas

Hole ID	From (m)	To (m)	Interval (m)	Au Grade g/t	Comments
Tuxedo					
GLAC465	**28**	**30**	**2**	**2.6**	**EOH**
GLAC466	24	26	2	4.3	
GLAC467	17	19	2	0.9	
	25	**34**	**9**	**2.5**	
inc	**25**	**28**	**3**	**4.5**	
	50	51	1	2.2	
	57	58	1	1.9	
GLAC469	9	10	1	0.5	
GLAC470	28	29	1	0.6	
	49	50	1	1.5	EOH
GLAC471	**19**	**22**	**3**	**11.2**	
GLAC472	14	18	4	0.6	
	26	28	2	1.0	
	34	35	1	0.7	
	49	50	1	1.1	EOH
GLAC473	**12**	**18**	**6**	**1.2**	
GLAC474	9	12	3	0.6	
GLAC475	3	12	9	0.7	
	25	27	2	1.4	
	37	**50**	**13**	**1.0**	**EOH**
GLAC476	15	18	3	0.6	
	27	28	1	1.5	
	33	35	2	0.7	
	45	46	1	0.7	
GLAC480	8	9	1	2.7	
GLAC484	15	18	3	0.8	
Apollo					
GLAC485	44	45	1	0.8	
GLAC488	1	2	1	0.7	
	7	9	2	0.7	
	18	**21**	**3**	**3.0**	
Shelby					
GLAC490	19	20	1	0.7	
GLAC492	**26**	**30**	**4**	**1.4**	
	37	39	2	0.9	
GLAC493	17	19	2	2.1	
	39	41	2	1.7	
	51	52	1	0.7	
GLAC494	6	7	1	1.0	
	14	**15**	**1**	**6.0**	
	26	30	4	1.4	
GLAC495	22	23	1	1.1	
	34	44	10	0.7	

Hole ID	From (m)	To (m)	Interval (m)	Au Grade g/t	Comments
GLAC495 cont.	39	44	5	1.0	
	53	57	4	0.8	
GLAC496	3	5	2	0.8	
	10	19	9	0.6	
GLAC497	**10**	**16**	**6**	**1.4**	
GLAC498	26	27	1	1.8	
GLAC499	1	2	1	0.5	
	18	19	1	1.1	
GLAC501	**2**	**11**	**9**	**1.0**	
	21	22	1	1.6	
GLAC502	**1**	**6**	**5**	**1.0**	
	14	17	3	0.9	
	25	33	8	0.6	
GLAC510	11	12	1	1.9	
South West Area					
GLAC504	**0**	**13**	**13**	**1.1**	
	28	30	2	1.1	
GLAC505	45	60	15	0.7	EOH

Table 2: Glenburgh RC/Aircore Drill Hole Locations and Details

Hole ID	GDA East	GDA North	Local Easting	Local North	RL	Depth	Dip	GDA Azimuth	Local Azimuth	Prospect
GLAC464	408979	7190724	10200	9725	292	30	-60	155	180	Tuxedo
GLAC465	409060	7190789	10300	9750	293	30	-60	155	180	Tuxedo
GLAC466	409082	7190799	10325	9750	293	30	-60	155	180	Tuxedo
GLAC467	409363	7191027	10675	9840	295	60	-60	155	180	Tuxedo
GLAC468	409446	7190966	10725	9750	295	50	-60	155	180	Tuxedo
GLAC469	409501	7190964	10775	9725	295	50	-60	155	180	Tuxedo
GLAC470	409491	7190987	10775	9750	295	50	-60	155	180	Tuxedo
GLAC471	409547	7190985	10825	9725	295	50	-60	155	180	Tuxedo
GLAC472	409536	7191008	10825	9750	295	50	-60	155	180	Tuxedo
GLAC473	409575	7190984	10850	9712	295	50	-60	155	180	Tuxedo
GLAC474	409565	7191007	10850	9737	295	50	-60	155	180	Tuxedo
GLAC475	409733	7191060	11025	9715	295	50	-60	155	180	Tuxedo
GLAC476	409718	7191092	11025	9750	295	50	-60	155	180	Tuxedo
GLAC477	409807	7191078	11100	9700	295	50	-60	155	180	Tuxedo
GLAC478	409797	7191100	11100	9725	295	60	-60	155	180	Tuxedo
GLAC479	409786	7191123	11100	9750	295	60	-60	155	180	Tuxedo
GLAC480	409776	7191146	11100	9775	295	60	-60	155	180	Tuxedo
GLAC481	409853	7191099	11150	9700	295	50	-60	155	180	Tuxedo
GLAC482	409842	7191121	11150	9725	295	55	-60	155	180	Tuxedo
GLAC483	409832	7191144	11150	9750	295	60	-60	155	180	Tuxedo
GLAC484	409821	7191167	11150	9775	295	60	-60	155	180	Tuxedo
GLAC485	409766	7191526	11250	10125	295	50	-60	155	180	Apollo
GLAC486	409788	7191537	11275	10125	295	50	-60	155	180	Apollo
GLAC487	409811	7191547	11300	10125	285	50	-60	155	180	Apollo
GLAC488	410456	7191701	11950	9995	285	60	-60	155	180	Apollo
GLAC489	411449	7192054	13000	9900	285	40	-60	155	180	Shelby
GLAC490	411437	7192021	12975	9875	285	30	-60	155	180	Shelby
GLAC491	411427	7192043	12975	9900	298	50	-60	155	180	Shelby
GLAC492	411416	7192066	12975	9925	298	50	-60	155	180	Shelby
GLAC493	411468	7192073	13025	9910	298	60	-60	155	180	Shelby
GLAC494	411501	7192061	13050	9885	298	50	-60	155	180	Shelby
GLAC495	411517.5	7192085	13075	9900	298	60	-60	155	180	Shelby
GLAC496	411555	7192064	13100	9865	298	50	-60	155	180	Shelby
GLAC497	411584	7192061	13125	9850	298	45	-60	155	180	Shelby
GLAC498	411611	7192062	13150	9840	299	50	-60	155	180	Shelby
GLAC499	411640	7192059	13175	9825	299	40	-60	155	180	Shelby
GLAC500	411673	7192047	13200	9800	300	30	-60	155	180	Shelby
GLAC501	411662	7192069	13200	9825	300	60	-60	155	180	Shelby
GLAC502	411708	7192090	13250	9825	300	40	-60	155	180	Shelby
GLAC503	404516	7187624	4850	8775	300	60	-60	155	180	Sth West
GLAC504	404506	7187647	4850	8800	300	60	-60	155	180	Sth West
GLAC505	404496	7187669	4850	8825	293	60	-60	155	180	Sth West
GLAC506	411380	7191967	12900	9850	293	17	-60	155	180	Shelby

Hole ID	GDA East	GDA North	Local Easting	Local North	RL	Depth	Dip	GDA Azimuth	Local Azimuth	Prospect
GLAC507	411375	7191976	12900	9860	293	22	-60	155	180	Shelby
GLAC508	411371	7191985	12900	9870	298	16	-60	155	180	Shelby
GLAC509	411367	7191994	12900	9880	298	16	-60	155	180	Shelby
GLAC510	411363	7192003	12900	9890	298	19	-60	155	180	Shelby
GLAC511	411359	7192012	12900	9900	298	15	-60	155	180	Shelby
GLAC512	411354	7192021	12900	9910	298	15	-60	155	180	Shelby
GLAC513	411350	7192030	12900	9920	298	17	-60	155	180	Shelby
GLAC514	411346	7192039	12900	9830	298	17	-60	155	180	Shelby
GLAC515	411342	7192048	12900	9840	298	15	-60	155	180	Shelby

Background on Gascoyne Resources

Gascoyne Resources Limited was listed on the ASX in December 2009 and is focused on exploration and development of a number of gold projects in Western Australia.
The company owns three gold projects which combined have **1.4 million ounces of contained gold**:

GLENBURGH (100% GCY):

The Glenburgh Project in the Gascoyne region of Western Australia, has an Indicated and Inferred resource of: 21.1 Mt @ 1.5g/t Au for 1.0 million oz gold from several prospects within a 20km long shear zone (see Table 3)

Following a positive Scoping Study completed in late 2011, the Company has commenced a Feasibility Study on the project. The study has included approximately 40,000m of resource drilling, metallurgical drilling and testwork, geotechnical, hydro geological and environmental assessments. Resource and mining studies as well as engineering studies and evaluations are well advanced.

Table 3: Glenburgh Deposits
April 2013 Mineral Resource Estimate (0.5g/t Au Cut-off)

Type	Indicated			Inferred			Total		
	Tonnes Mt	Au g/t	Au Ounces	Tonnes Mt	Au g/t	Au Ounces	Tonnes Mt	Au g/t	Au Ounces
Transitional	0.5	1.4	22,000	1.4	1.2	53,000	**1.9**	**1.2**	**80,000**
Fresh	6.4	1.8	360,000	12.8	1.4	561,000	**19.2**	**1.5**	**920,000**
Total	**6.9**	**1.7**	**382,000**	**14.2**	**1.3**	**613,500**	**21.1**	**1.5**	**1,000,000**

Note: Discrepancies in totals are a result of rounding

EGERTON (SECURED UNDER OPTION)

The project includes the high grade Hibernian deposit which contains a resource of **116,400 tonnes @ 6.4 g/t gold for 24,000 ounces** in the Measured, Indicated and Inferred JORC categories (Table 4). The deposit lies on a granted mining lease and previous drilling includes high grade intercepts, **2m @ 147.0 g/t gold**, **5m @ 96.7 g/t gold** and **5m @ 96.7 g/t gold** associated with quartz veining in shallow south-west plunging shoots. The Hibernian deposit has only been drill tested to 70m below surface and there is strong potential to expand the current JORC Resource with drilling testing deeper extensions to known shoots and targeting new shoot positions.

Table 4: Egerton Project: Hibernian Deposit Mineral Resource (2.0g/t Au Cut-off)

Classification	Tonnes	Au g/t	Au Ounces
Measured Resource	32,100	9.5	9,801
Indicated Resource	46,400	5.3	7,841
Inferred Resource	37,800	5.1	6,169
Total	**116,400**	**6.4**	**23,811**

DALGARANGA (80% GCY):

The Dalgaranga project is located approximately 70km by road NW of Mt Magnet in the Murchison gold mining region of Western Australia and covers the majority of the Dalgaranga greenstone belt. After discovery in the early 1990's, the project was developed and from 1996 to 2000 produced 229,000 oz's of gold with reported cash costs of less than $350/oz.

The project contains a remnant JORC Measured and Indicated resource of 7.5 Mt @ 1.6g/t Au for 380,000 ounces of contained gold (see table 5). Given the increase in the gold price since mining operations ceased in 2000, there is significant potential to extract significantly more of the known resource.

Significant exploration potential also remains outside the known resource with exploration drill results of 22m @ 6g/t gold (including 6m @ 19g/t gold) and 6m @ 10.2 g/t gold and 7m @ 10.8 g/t gold that has not been

adequately followed up and is yet to be included in a resource. Initial drilling by Gascoyne in May 2013 returned 16m @ 8.7g/t and 13m @ 2.2 g/t gold from the Golden Wings prospect interpreted to be associated with a high grade east-west trending zone of gold mineralisation.

Table 5: Dalgaranga Deposits Mineral Resource (0.7g/t Au Cut-off)

Deposit	Measured			Indicated			Total		
	Tonnes Mt	Au g/t	Au Ounces	Tonnes Mt	Au g/t	Au Ounces	Tonnes Mt	Au g/t	Au Ounces
Gilbeys	0.598	1.4	26,700	6.888	1.6	354,000	**7.486**	**1.6**	**380,700**
Golden Wings Laterite	0.039	0.8	1,000				**0.039**	**0.8**	**1,000**
Vickers Laterite	0.016	1.2	600				**0.016**	**1.2**	**600**
Total	**0.653**	**1.3**	**28,300**	**6.888**	**1.6**	**354,000**	**7.541**	**1.6**	**382,300**

Note: Discrepancies in totals are a result of rounding

Gascoyne Resources' immediate 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. Follow up drilling at the Golden Wings prospect at Dalgaranga commenced in early June 2013. The Company has a 15 month option on the Egerton project, the main focus is to assess the economic viability of trucking ore from Egerton to Glenburgh.

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

Competent Persons Statement

Information in this announcement relating to mineral resources and exploration results is based on data compiled by Gascoyne's Managing Director Mr Michael Dunbar 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 resources quoted for the Dalgaranga project have been sourced from Equigold NL annual reports, and other publicly available reports which have undergone a number of peer reviews by qualified consultants, that conclude that the resources comply with the JORC code and are suitable for public reporting. Resources quoted for the Glenburgh Project have been estimated for Gascoyne Resources Limited by Runge Pty Ltd, an international and independent resource consultancy.

The resources quoted for the Egerton project have been sourced from Exterra Resources reports, prospectus and other publicly available reports and in particular the "Hibernian Gold Deposit Resource Report" by Finore Pty Ltd which have undergone a number of peer reviews by qualified consultants, that conclude that the resources comply with the JORC code and suitable for public reporting. The resource was announced to the ASX by NGM Resources Ltd on 9 August 2005.

The drilling was conducted using aircore with a face sampling (RC) hammer with samples being collected at one metre intervals and a speared subsample of approximately 2-4 kg was sent to MinAnalytical Laboratory Services in Perth. The sample was fully pulverized and analysed for gold using a 25 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, no downhole survey was undertaken due to the shallow nature of the drilling.

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 due to the steep dip of the mineralisation.