## MARCH 2015 QUARTERLY REPORT



## **SUMMARY OF OPERATIONS**

## **TECHNICAL:**

During the quarter, progress was made at a number of the high grade gold targets identified by drilling in late 2014. Of particular note was the identification of significant potential extensions to the high grade gold mineralisation at the Gaffney's Find prospect within the Company's 100% owned Egerton project in the eastern Gascoyne of Western Australia. A number of additional high grade targets have also been identified at the Glenburgh project. Progress is summarised below:

## **Egerton Project**

Drilling approvals have been received and drilling will commence at Egerton as soon as the local roads are reopened after a particularly late wet season. Following the completion of the purchase of the Egerton project in late 2014, on ground activities outlined targets to extend the known high grade mineralisation at the Gaffney's Find prospect.

- Soil sampling along strike from the high grade Gaffney's Find Prospect (2014 drilling intersected **over 72g/t gold**) has identified high priority drill targets, extending the Gaffney's Find Prospect around 150m further to the north east
- Additional targets identified at Gaffney's Find North, where a coherent new soil anomaly (~400m long) has been identified

## Glenburgh Project

The updated Glenburgh Mineral Resource estimate announced in late 2014 includes a substantial component of high grade material (2.09Mt @ 4.1 g/t gold) that could be mined in a more selective way than originally anticipated. As a result optimisation of the Glenburgh feasibility study has commenced to investigate the potential for a lower-tonnage, higher-grade development at Glenburgh. Activities that are being undertaken include throughput optimisation, pit shell and design optimisation and refinement of metallurgical testwork and revised capital and operating costs.

## **Dalgaranga Project**

The scoping study for the Dalgaranga project continued during the quarter and is expected to be completed in early May 2015.

## **Higginsville Project**

During the quarter, both gold and nickel-copper- PGE targets were identified on the Company's Higginsville tenements, which are located in close proximity to new significant gold and nickel discoveries by Sirius Resources (Baloo gold discovery) and Mincor (Cassini nickel discovery). MetalsX has also been active and recently announced significant gold intersections from prospects located both north and south of Gascoyne's tenements.

## **CORPORATE:**

- During the quarter, the company lodged its 2013 2014 tax return; which included a claim for R&D activities completed last financial year. A rebate of \$345,000 was received as a result of the Company's R&D completed at the Glenburgh and Dalgaranga Projects.
- The Company conducted a capital raising during the quarter, which resulted in \$1.1 million being raised before costs to accelerate the exploration and development activities at the Company's advanced gold projects.
- The Company's cash reserves were \$1.35 million at the end of the quarter.

## CORPORATE DETAILS

ASX Code: GCY Shares: 178M Share Price: 8c Market Cap: \$14 M

## **ASSETS**

Cash: \$1.35M Glenburgh (100%) 1.0M oz Gold Dalgaranga (80%) 740,900 oz Gold Egerton (100%) 24,000oz Gold

### BOARD

Non-Executive Chairman Mike Joyce

Managing Director Michael Dunbar

Non-Executive Directors John den Dryver Gordon Dunbar Graham Riley Stan Macdonald

## **CONTACT DETAILS**

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## **REVIEW OF OPERATIONS**

Details of the exploration progress during the quarter include:

## **Egerton Project**

## E52/2117, E52/2515, M52/343, M52/567 & E52/2866 - 100% Gascoyne

As outlined in the December 2014 Quarterly, the Company has completed the purchase of 100% interest in the project, and on-ground activities at the Egerton project have increased. Following the high grade drill intersections at the Gaffney's Find prospect (which included 8m @ 11.4g/t gold and up to 1m @ 72g/t gold) during the December quarter, soil sampling along strike has been completed.

This sampling has identified an extension of over 150m to the known mineralisation at Gaffney's Find, bringing the current extent of the high grade anomaly to over 500m (see ASX announcement 14th January 2015 and Figure 2 & 3).

In addition to the extension at Gaffney's, another anomaly has been identified along strike to the north east, at Gaffney's Find North. This high priority target extends for over 400m and remains untested by modern exploration techniques.

All the regulatory approvals required for drill testing of these targets have been received, with drilling to commence as soon as local roads reopen following a particularly late wet season.

## Glenburgh Project

## M 09/148, E09/1325, 1764, 1865, 1866, 1946, 1947 & 2025, ELA09/2125, L09/56, 62 & 65-100% Gascoyne

During the quarter access to the project was limited due to a particularly wet and late wet season. This resulted in the local roads being closed for an extended period. During the quarter, activities have been focused on permitting and updating the feasibility and optimisation studies.

The Feasibility and optimisation studies are investigating the potential for a lower tonnage, higher grade development at Glenburgh. As a result, the original feasibility study is currently being revised to optimise the project, including the proposed throughput, pit designs, capital costs and operating costs. It is anticipated that this optimisation will be completed in the first half of 2015.

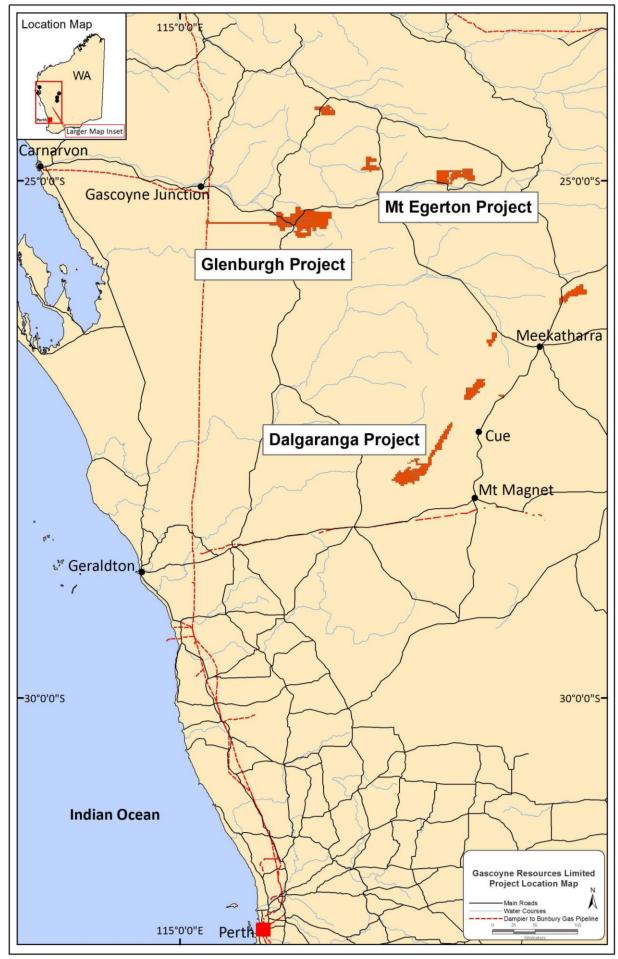


Figure One: Gascoyne Resources Project Locations in the Gascoyne and Murchison Regions

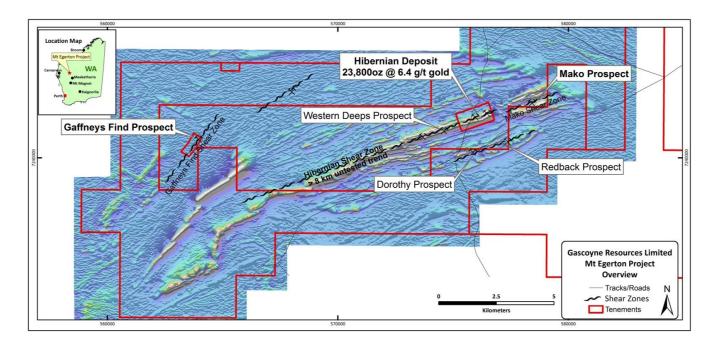


Figure Two: Gascoyne Resources Egerton Project Overview

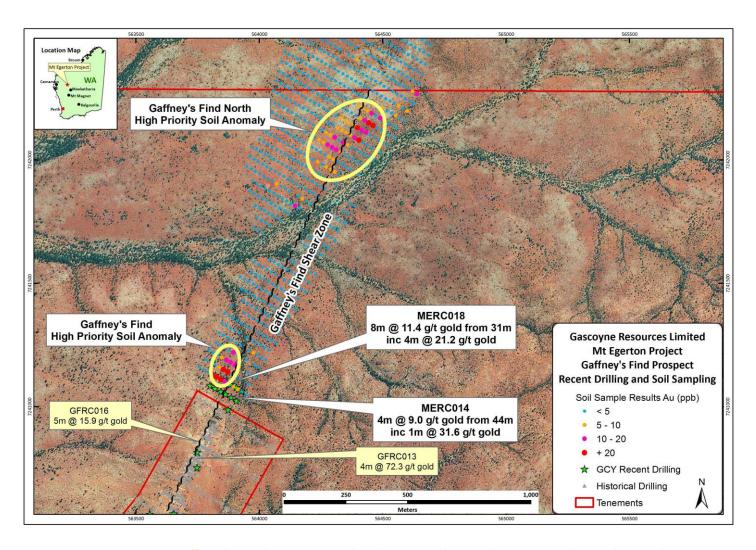


Figure Three: Gaffney's Find Prospect with July RC Drilling and Recent Soil Sample Results

## Dalgaranga Project

## E59/1709, E59/1904, 1905, 1906, M59/749 & L 59/141 & 142, ELA21/184 & 185 80% Gascoyne

No on ground exploration was undertaken during the quarter at Dalgaranga; however additional exploration drilling was planned and regulatory approvals sought. This drilling is expected to be a combination of infill drilling (between and along the current drill lines) as well as extensional drilling to the west along the mineralised trend. This drilling is expected to be completed in Q2 calendar 2015, once all government approvals are received.

In addition to the ongoing exploration effort, the Scoping Study for the project is expected to be completed in May 2015.

## **Higginsville Project**

## E15/1286 (Gascoyne earning 75%) & E15/1297 (100% Gascoyne)

During the quarter both gold and nickel-copper-PGE targets were identified on the Company's Higginsville tenements , which are located in close proximity to recent significant gold and nickel discoveries by Sirius Resources (Baloo gold discovery) and Mincor Resources' Cassini nickel discovery. Metals X has also been active and recently announced significant gold intersections from prospects located both north and south of Gascoyne's tenements (See Figure 4).

## Hayes Hill (E15/1286)

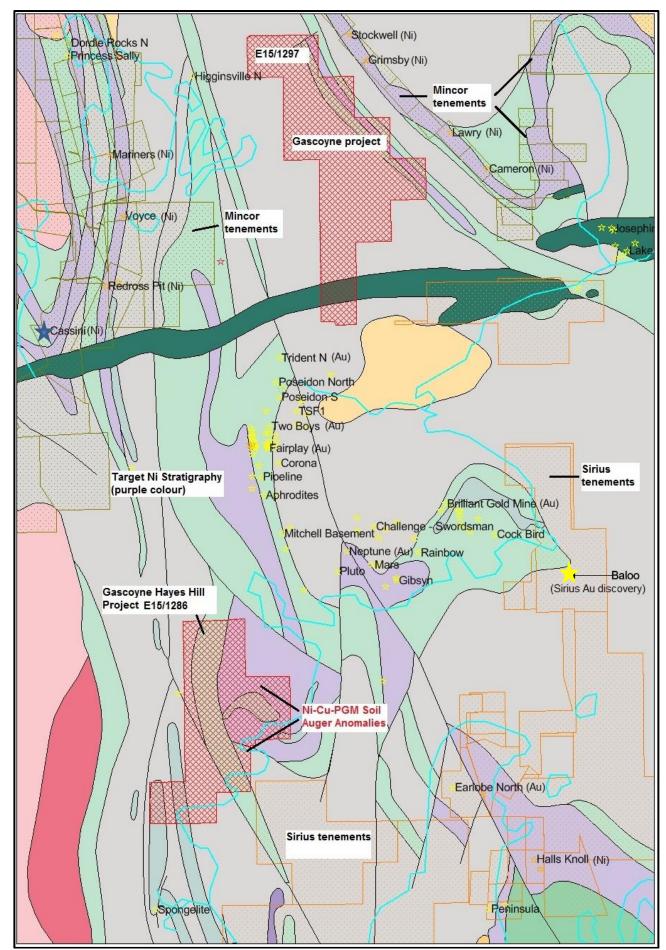
Previously Gascoyne drilled 482 soil auger holes at 200m line spacings with holes at 100m along the lines in the southern part of the tenement targeting covered areas south of the Hayes Hill domal mafic/ultramafic area. Elevated gold values up to 58ppb gold occur close to the eastern boundary of the tenement, and highly anomalous auger nickel results were returned from the western side of the tenement. On two adjacent lines (200m apart) Gascoyne's auger holes have returned coincident nickel, copper, chrome and cobalt anomalies with nickel values to 2003ppm, copper 396ppm (See Figure 5). These elevated samples have been re-assayed for platinum and palladium and are anomalous in PGM's with elevated values of combined platinum and palladium of 27ppb PGM and 24ppb PGM. The coincident nickel, copper, PGM anomaly point a potential nickel sulphide source for these auger soil anomalies.

A review of historic work (in light of recent nickel and gold discoveries in the region) also highlighted historic nickel, copper anomalous soils 2-3km north of the Gascoyne auger samples within the centre of the domal ultramafic area with coincident values up to **1486ppm nickel**, **242ppm copper** and **1153 nickel and 386ppm copper**. This historic sampling conducted by PlatX in 2009 on 400m spaced lines with samples taken at 200m spacings along the lines (See Figure 5).

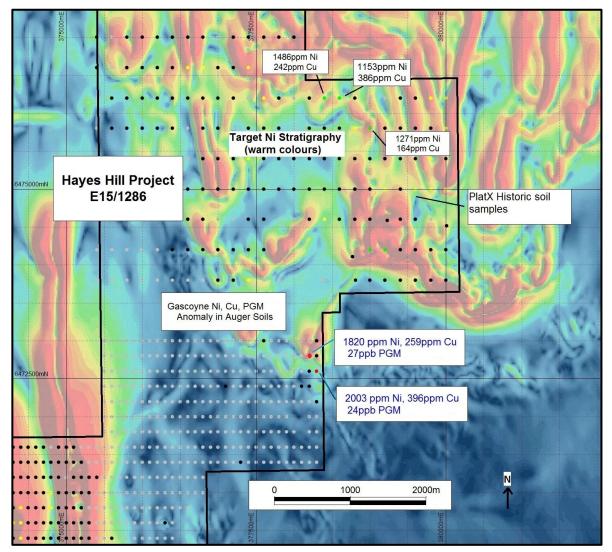
Gascoyne plans to initially field check these anomalies and conduct infill surface sampling during the 2015 field season. If this follow up sampling further enhance the anomalies a program of ground EM surveys will be undertaken with the aim to define conductors that could represent sulphide accumulations that will be drill tested.

## **Other Projects**

No field exploration was undertaken during the quarter.



**Figure Four:** Higginsville Project Location in relation to recent Nickel and Gold Discoveries made by Sirius Resources, Mincor Resources and Metals X and known mineral prospects



**Figure Five:** Haynes Hill Project Historical and recent Nickel, Copper, Cobalt and PGM Anomalies on a TMI Aeromagnetic Image Showing the Prospective Ultramafic Stratigraphy.

## **CORPORATE**

Ongoing operational efficiencies are being actively pursued that have reduced the ongoing overhead costs for the company. These include tenement rationalisations, staff redundancies, reduced head office costs, a reduction in non-executive director's fees and reductions in general overheads.

During the quarter, the Company lodged its Tax return with the Australian Taxation Office. The return included an R&D claim for activities completed in the last financial year at the Glenburgh and Dalgaranga Projects. As a result of the R&D completed, a rebate of \$345,000 was received during the quarter.

Late in the quarter the Company also completed an equity capital raising via a placement to sophisticated and institutional investors to raise \$1.1 million before costs (utilising a portion of the Company's capacity under the ASX Listing Rules) by the issue of 11.8 million fully paid ordinary shares at \$0.09 per share. The Funds were raised to accelerate the exploration and development activities at the Company's advanced gold projects.

The company's cash reserves were \$1,350,000 at the end of March (excluding approximately \$200,000 in placement funds that were yet to be cleared at the end of the quarter). Subsequent to the end of the quarter, all placement funds have been received.

Mining Tenements held at 31st March 2015
All the company's tenements are within Western Australia

Tenement	Location	Name	Mineral	Ownership
EL09/1751		Bassit Bore	Gold	
•	Gascoyne Region			100% Gascoyne Resources
ELA09/2080	Gascoyne Region	Bassit Bore	Gold	100% Gascoyne Resources
ELA21/184	Murchison Region	Dalgaranga	Gold	80% Gascoyne Resources
ELA21/185	Murchison Region	Dalgaranga	Gold	80% Gascoyne Resources
EL59/1709	Murchison Region	Dalgaranga	Gold	80% Gascoyne Resources
EL59/1904	Murchison Region	Dalgaranga	Gold	80% Gascoyne Resources
EL59/1905	Murchison Region	Dalgaranga	Gold	80% Gascoyne Resources
EL59/1906	Murchison Region	Dalgaranga	Gold	80% Gascoyne Resources
L59/141	Murchison Region	Dalgaranga	N/A	80% Gascoyne Resources
L59/142	Murchison Region	Dalgaranga	N/A	80% Gascoyne Resources
ML59/749	Murchison Region	Dalgaranga	Gold	80% Gascoyne Resources
ELA52/3218	Pilbara Region	Elphin Bore	Gold	100% Gascoyne Resources
EL09/1325	Gascoyne Region	Glenburgh	Gold	100% Gascoyne Resources
EL09/1764	Gascoyne Region	Glenburgh	Gold	100% Gascoyne Resources
EL09/1865	Gascoyne Region	Glenburgh	Gold	100% Gascoyne Resources
EL09/1866	Gascoyne Region	Glenburgh	Gold	100% Gascoyne Resources
EL09/1946	Gascoyne Region	Glenburgh	Gold	100% Gascoyne Resources
EL09/1947	Gascoyne Region	Glenburgh	Gold	100% Gascoyne Resources
EL09/2025	Gascoyne Region	Glenburgh	Gold	100% Gascoyne Resources
ELA09/2125	Gascoyne Region	Glenburgh	Gold	100% Gascoyne Resources
L09/62	Gascoyne Region	Glenburgh	N/A	100% Gascoyne Resources
L09/65	Gascoyne Region	Glenburgh	N/A	100% Gascoyne Resources
LA09/56	Gascoyne Region	Glenburgh	N/A	100% Gascoyne Resources
ML09/148	Gascoyne Region	Glenburgh	Gold	100% Gascoyne Resources
EL15/1286	Gold Fields Region	Higginsville	Gold	Earning 75% Gascoyne Resources
EL15/1297	Gold Fields Region	Higginsville	Gold	100% Gascoyne Resources
EL51/1551	Murchison Region	Illagalara Pool	Gold	100% Gascoyne Resources
ELA51/1648	Murchison Region	Murchison	Gold	100% Gascoyne Resources
EL52/2117	Gascoyne Region	Mt Egerton	Gold	100% Gascoyne Resources
EL52/2515	Gascoyne Region	Mt Egerton	Gold	100% Gascoyne Resources
EL52/2866	Gascoyne Region	Mt Egerton	Gold	100% Gascoyne Resources
ML52/343	Gascoyne Region	Mt Egerton	Gold	100% Gascoyne Resources
ML52/567	Gascoyne Region	Mt Egerton	Gold	100% Gascoyne Resources
ELA52/3246	Gascoyne Region	Mt James	Gold	100% Gascoyne Resources
ELA09/2111	Gascoyne Region	Mt James	Gold	100% Gascoyne Resources
EL20/799	Murchison Region	Murchison	Gold	100% Gascoyne Resources
ELA51/1681	Murchison Region	Murchison	Gold	100% Gascoyne Resources
EL20/773	Murchison Region	Tuckanarra	Gold	100% Gascoyne Resources

## Abbreviations and Definitions used in Tenement Schedule:

EL	Exploration Licence	ELA	<b>Exploration Licence Application</b>
PL	Prospecting Licence	PLA	Prospecting Licence Application
LA	Miscellaneous Licence Application	L	Miscellaneous Licence
ML	Mining Lease	MLA	Mining Lease Application

## Competent Persons Statement

Information in this announcement relating to exploration results for the Dalgaranga, Glenburgh and Egerton projects 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 2012 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 Glenburgh Mineral Resources have been estimated by RungePincockMinarco Limited, an external consultancy, and are reported under the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves (see GCY -ASX announcement 24th July 2014 titled: High Grade Domains Identified Within Updated Glenburgh Gold Mineral Resource). The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the estimate in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not materially modified from the original market announcements.

The Glenburgh 2004 JORC resource (released to the ASX on April 29th 2013) which formed the basis for the preliminary Feasibility Study was classified as Indicated and Inferred and as a result, is not sufficiently defined to allow conversion to an ore reserve; the financial analysis in the preliminary Feasibility Study is conceptual in nature and should not be used as a guide for investment. It is uncertain if additional exploration will allow conversion of the Inferred resource to a higher confidence resource (Indicated or Measured) and hence if a reserve could be determined for the project in the future. Production targets referred to in the preliminary Feasibility Study and in this report are conceptual in nature and include areas where there has been insufficient exploration to define an Indicated mineral resource. There is a low level of geological confidence associated with inferred mineral resources and there is no certainty that further exploration work will result in the determination of indicated mineral resources or that the production target itself will be realised. This information was prepared and first disclosed under the JORC Code 2004, the resource has now been updated to conform with the JORC 2012 guidelines. This new JORC 2012 resource, reported above, will form the basis for any future studies.

The Laterite Dalgaranga Resources estimate has 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. This information was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

The Gilbeys and Golden Wings resources have been estimated by Elemental Geology Pty Ltd, an external consultancy, and are reported under the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves (see GCY -ASX announcement 1st August 2013 titled: Dalgaranga Gold Resource Increases 80% to 685,000oz and GCY ASX announcement 1st October 2013 titled: Initial high grade gold resource at Golden Wings). The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the estimate in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not materially modified from the original market announcements.

The Egerton Resource estimate has been sourced from Exterra Resources annual reports and other publicly available reports which have undergone a number of peer reviews by qualified consultants, who conclude that the resources comply with the JORC code and are suitable for public reporting. This information was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported

## **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's three gold projects combined have 1.76 million ounces of contained gold on granted Mining Leases:

### **GLENBURGH (100% GCY):**

The Glenburgh Project in the Gascoyne region of Western Australia, has a Measured, Indicated and Inferred resource of: **21.3 Mt** @ **1.5g/t Au for 1.003 million oz gold** from several prospects within a 20km long shear zone (see Table 1)

A preliminary feasibility study on the project has been completed (see announcement 5th of August 2013) that showed a viable project exists, with a production target of 4.9mt @ 2.0g/t for 316,000oz (70% Indicated and 30% Inferred resources) within 12 open pits and one underground operation. There is a low level of geological confidence associated with inferred mineral resources and there is no certainty that further exploration work will result in the determination of indicated mineral resources or that the production target itself will be realised. The study showed attractive all in operating costs of under A\$1,000/oz and indicated a strong return with an operating surplus of ~ A\$160M over the 4+ year operation. The study included approximately 40,000m of resource drilling, metallurgical drilling and testwork, geotechnical, hydro geological and environmental assessments. Importantly the study has not included the drilling completed during 2013, which intersected significant shallow high grade zones at a number of the known deposits.

Table 1: Glenburgh Deposits - Area Summary

2014 Mineral Resource Estimate (0.5g/t Au Cut-off)

	Measured		ed	In	dicate	ed	Inferred			Total		
Area	Tonnes	Au	Au	Tonnes	Au	Au	Tonnes	Au	Au	Tonnes	Au	Au
	Mt	g/t	Ounces	Mt	g/t	Ounces	Mt	g/t	Ounces	Mt	g/t	Ounces
Icon	1.7	1.5	82,500	1.7	1.4	77,000	4.1	1.3	168,000	7.6	1.3	328,000
Apollo	0.9	2.4	67,400	0.3	1.3	14,000	1.5	1.4	67,000	2.7	1.7	149,000
Tuxedo				0.7	1.2	29,000	1.2	1.0	37,000	1.9	1.1	66,000
Mustang				0.2	1.3	7,000	1.0	1.1	35,000	1.1	1.2	42,000
Shelby				0.2	1.4	10,000	0.6	1.1	21,000	0.8	1.2	32,000
Hurricane				0.1	1.6	3,000	0.5	1.1	16,000	0.5	1.2	19,000
Zone 102				0.9	1.9	56,000	1.2	1.3	50,000	2.1	1.6	106,000
Zone 126	0.2	4.0	30,500	0.4	2.9	35,000	1.4	2.2	101,000	2.0	2.5	166,000
NE3							0.2	1.5	11,000	0.2	1.5	11,000
Torino							1.6	1.3	64,000	1.6	1.3	64,000
SW Area							0.6	1.0	20,000	0.6	1.0	20,000
Total	2.9	2.0	180,500	4.6	1.6	232,000	13.9	1.3	591,000	21.3	1.5	1,003,000

Note: Discrepancies in totals are a result of rounding

### EGERTON (100% GCY)

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 2). 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 2: 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 65km 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 contained a remnant JORC Measured, Indicated and Inferred resources of 13.4 Mt @ 1.7g/t Au for 740,900 ounces of contained gold (see Table 3).

Significant exploration potential also remains outside the known resource with numerous historical geochemical prospects only partly tested. The Golden Wings deposit is also open along strike and at depth.

**Table 3: Dalgaranga Global Mineral Resource Estimate** 

	Measured		Indicated		Inferred			Total				
Deposit	Tonnes	Au	Au	Tonnes	Au	Au	Tonnes	Au	Au	Tonnes	Au	Au
	Mt	g/t	Ounces	Mt	g/t	Ounces	Mt	g/t	Ounces	Mt	g/t	Ounces
Gilbeys <sup>(1)</sup>				4.7	1.6	240,200	8.2	1.7	445,200	12.9	1.7	685,000
Golden Wings(2)				0.3	4.0	38,000	0.15	3.1	15,000	0.45	3.7	54,000
Golden Wings Laterite	0.04	0.8	1,000							0.04	0.8	1,000
Vickers Laterite	0.02	1.2	600							0.02	1.2	600
Total	0.06	1.1	1,600	5.0	1.7	278,000	8.35	1.7	460,000	13.4	1.7	740,900

Note: Discrepancies in totals are a result of rounding; unless otherwise stated, the above resources are reported at a 0.7 Au g/t cut-off

- $^{(1)}$  Gilbeys resource cut-off 1.0 Au g/t
- (2) Golden Wings resource cut-off 2.0 Au g/t

Gascoyne is continuing to evaluate the Glenburgh gold deposits to delineate meaningful increases in the resource base and progress project permitting, while also continuing to explore the Dalgaranga project with the view to moving towards a low capital cost development as rapidly as possible. The Company also has 100% ownership of the high grade Egerton project; where the focus is to assess the economic viability of trucking high grade ore to either Glenburgh or to another processing facility for treatment and exploration of the high grade mineralisation within the region.

## JORC Code, 2012 Edition – Table 1 – Higginsville Project

## **Section 1 Sampling Techniques and Data** (Criteria in this section apply to all succeeding sections.)

Criteria	Commentary				
Sampling techniques	<ul> <li>Gascoyne conducted a soil auger drilling program. Where present pedogenic carbonate was preferentially sampled.</li> <li>A total of 482 samples were collected on a MGA east-west lines</li> </ul>				
	<ul> <li>Augur soil drilling and sampling generates a composite/mixed sample over the interval drilled and samples are collected directly from the drill spoil around the collar of the hole. An estimate of depth of where the sample (±10cm) was collected was recorded.</li> </ul>				
	<ul> <li>Approximately 200 - 300 grams of sample was collected in pre numbered paper packets. The samples were not split or sieved. Larger fragments or rocks above 2-3 cm diameter were discarded. The samples were shipped to a laboratory for analysis via a 25g Aqua Regia digest with reading via a mass spectrometer for gold and ICP OES for trace elements</li> </ul>				
Drilling techniques	Auger soil sampling was completed using a Land –Cruiser mounted power auger. Standard auger flights, capable of 1-2 metres of penetration and standard auger drill bits were utilised.				
Drill sample recovery	Composite soil samples collected with maximum sample recovery				
Logging	The depth of auger soil sampling was noted. Detailed logging exists for most historic RC and RAB holes in the data base.				
Sub-sampling	Also refer to sampling techniques above				
techniques and sample preparation	All samples were dry with no groundwater encountered.				
	<ul> <li>In the lab the entire sample is dried. It is then pulverised to a grind size where 85% of the sample passes 75 micron.</li> </ul>				
	Field duplicates sampling was not employed.				
	A sample size of between 200 -300 grams is considered appropriate for the material being sampled.				
Quality of assay data and laboratory tests	<ul> <li>Augur soil samples were analysed by MinAnalytical at their Perth laboratory. Trace elements including nickel were analysed by inductively coupled plasma optical emission spectrometry (ICPOES), gold was analysed by 10 gram aqua regia digest with ICP mass spectrometry determination which has 1ppb detection (ICP MS). Select samples were analysed for platinum and palladium by 25 gram fire assay and ICP-MS</li> </ul>				
	Given the early stage of exploration only internal laboratory quality control procedures have been used. Analysis of these results also demonstrates an acceptable level of precision and accuracy.				
Verification of	At least 2 company personnel verify all assay results.				
sampling and assaying	Field data is collected using Field Marshal software on tablet computers. The data is sent to Mitchell River Group for validation and compilation into an SQL database server				
	No adjustments have been made to assay data apart from values below the detection limit which are assigned a value of negative the detection limit				
Location of	The auger holes have been surveyed by hand held GPS to an accuracy of about 3m.				
data points	The grid system is MGA_GDA94 Zone 50				
	No topographic control was required at this stage				
Data spacing and distribution	Spacing of the auger samples was 200m line spacings with holes at 100m along the line. Sample spacing is deemed appropriate for this stage of exploration.				
	The auger soil sampling technique provides a composite sample over the interval selected for sample.				

Criteria	Commentary
Orientation of data in relation to geological structure	In general the auger soil lines are orientated perpendicular to the strike/trend of the local geology
Sample security	Chain of custody is managed by Gascoyne Resources. Samples are delivered directly by Gascoyne Resources personnel to the assay laboratory in Perth.
Audits or reviews	Data is validated by Mitchell River Group whilst loading into a SQL database. Any errors within the data are returned to Gascoyne Resources for validation. Historical data validation is an ongoing process

## **Section 2 Reporting of Exploration Results** (Criteria listed in the preceding section also apply to this section.)

Criteria	Commentary
Mineral tenement and land tenure status	<ul> <li>The Hayes Hill project is situated on tenement number E15/1286. The tenement is currently held by Loded Dog Pty Ltd and Gascoyne Resources is acquiring a 75% interest in the tenement via expenditure commitments and work programs. Gascoyne Resources is the operator of the tenement.</li> </ul>
	The tenement is in good standing and no known impediments exist.
Exploration done by other parties	• The tenement area has been previously explored by numerous companies including Samantha — Resolute and PlatX targeting gold and nickel mineralisation. Surface soil sampling has been conducted north of the area subject to Gascoyne's auger soil program. Samantha-Resolute conducted soil sampling for gold; and subsequently PlatX carried out soil sampling for gold and base metals including nickel. The announcement discusses nickel soil anomalies from the Plat X program. Historic drilling has been carried out testing gold in soil anomalies and historic gold workings by both Resolute and PlatX. We are not aware of any historic drilling or soil sampling in the Gascoyne area of auger sampling.
Geology	<ul> <li>The geology of the area comprises of rocks typical of Archean granite —greenstone terrane between Kalgoorlie and Norseman. Located on the western side of the Mission Fault and Zuleika shear, the tenement lies within the Coolgardie Domain of the Kalgoorlie Terrane. The Hayes Hill area is dominated by mafic-ultramafic rocks in a roughly circular area some 6km in diameter. The mafic-ultramafic flows have been intruded by dolerite, gabbro and pyroxenite sills.</li> </ul>
Drill hole Information	<ul> <li>The location of the auger soil sampling completed are shown in detail in figures of the ASX announcement. All auger holes were completed to a depth between 0.5 metres and 1.5 metres below surface and all holes were drilled vertically.</li> </ul>
Data aggregation methods	<ul> <li>No averaging of the raw assay data was implemented. Raw data was used to determine the locations of nickel-soil anomalies. No upper cuts were implemented to determine anomalous areas, however, results below 10ppb gold and 500ppm nickel are considered of less interest and to be below what would be considered significant as a soil anomaly within the project area</li> </ul>
Relationship between mineralisation widths and intercept lengths	All assay results are from individual auger samples, generally composited over 1 metre. One sample collected from each individual auger hole.
Diagrams	Refer to figures within body of text.
Balanced reporting	The detail of assay results from the auger soils is shown in figures in the body of the text of the ASX announcement,
Other substantive exploration data	No other significant exploration work had been completed by Gascoyne Resources.
Further work	The-soil anomalies will be further assessed to determine which anomalies should be tested with infill sampling, follow up ground Electromagnetic surveys and possible drill testing.
	Refer to figures in body of text.

Rule 5.5

## **Appendix 5B**

# Mining exploration entity and oil and gas exploration entity quarterly report

Introduced 01/07/96 Origin Appendix 8 Amended 01/07/97, 01/07/98, 30/09/01, 01/06/10, 17/12/10, 01/05/2013

Name of entity

Gascoyne Resources Limited						
ABN	Quarter ended ("current quarter")					
57 139 522 900	31 March 2015					

## Consolidated statement of cash flows

Cash f	flows related to operating activities	Current quarter \$A'000	Year to date (9 months) \$A'000
1.1	Receipts from product sales and related debtors		
1.2	Payments for (a) exploration & evaluation (b) development (c) production	(279)	(1,264)
1.3	(d) administration Dividends received	(201)	(668)
1.4	Interest and other items of a similar nature received	3	13
1.5 1.6	Interest and other costs of finance paid Income taxes paid		
1.7	Research and Development Rebate Other	345 18	345 138
	Net Operating Cash Flows	(114)	(1,436)
1.8	Cash flows related to investing activities  Payment for purchases of: (a) prospects	(1)	(7)
1.11	Loans repaid by other entities		
1,12	Other Option extension payment	-	(55)
	Net investing cash flows	(1)	(62)
1.13	Total operating and investing cash flows (carried forward)	(115)	(1,498)

<sup>+</sup> See chapter 19 for defined terms.

1.13	Total operating and investing cash flows	(115)	(1,498)
	(brought forward)	(11))	(1,490)
	Cash flows related to financing activities		
1.14	Proceeds from issues of shares, options, etc.	840	1,840
1.15	Proceeds from sale of forfeited shares		
1.16	Proceeds from borrowings		
1.17	Repayment of borrowings		
1.18	Dividends paid		
1.19	Other		
	Net financing cash flows	840	1,840
	Net increase (decrease) in cash held	7 <del>2</del> 5	342
1.20	Cash at beginning of quarter/year to date	625	1,008
1.21	Exchange rate adjustments to item 1.20		
1.22	Cash at end of quarter	1,350	1,350

# Payments to directors of the entity, associates of the directors,

rel	ated entities of the entity and associates of the rel	ated entities
		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	100
1.24	Aggregate amount of loans to the parties included in item 1.10	
1.25	Explanation necessary for an understanding of the transactions	
	Director fees \$100k	
No	on-cash financing and investing activities	
2.1	Details of financing and investing transactions which have had a mate consolidated assets and liabilities but did not involve cash flows	rial effect on
2.2	Details of outlays made by other entities to establish or increase their which the reporting entity has an interest	share in projects in

<sup>+</sup> See chapter 19 for defined terms.

## Financing facilities available

Add notes as necessary for an understanding of the position.

		Amount available \$A'000	Amount used \$A'000
3.1	Loan facilities		
3.2	Credit standby arrangements		

## Estimated cash outflows for next quarter

		\$A'000
4.1	Exploration and evaluation	235
4.2	Development	
4.3	Production	
4.4	Administration	145
	Total	380

## Reconciliation of cash

show	nciliation of cash at the end of the quarter (as on in the consolidated statement of cash flows) e related items in the accounts is as follows.	Current quarter \$A'000	Previous quarter \$A'000
5.1	Cash on hand and at bank	1,350	625
5.2	Deposits at call		
5.3	Bank overdraft		
5.4	Other (Term Deposits)		
	Total: cash at end of quarter (item 1.22)	1,350	625

<sup>+</sup> See chapter 19 for defined terms.

## Changes in interests in mining tenements and petroleum tenements

6.1 Interests in mining tenements and petroleum tenements relinquished, reduced or lapsed

6.2 Interests in mining tenements and petroleum tenements acquired or increased

Tenement	Nature of interest	Interest at	Interest
reference	(note (2))	beginning	at end of
and		of quarter	quarter
location			
E52/3169	Withdrawn	100%	ο%
E21/174	Surrendered	100%	ο%
E59/1922	Surrendered	100%	ο%
E09/1750	Surrendered	100%	ο%
E52/2343	Surrendered	100%	ο%
E52/3246	Application	ο%	100%
L09/65	Application	ο%	100%
E51/1681	Application	ο%	100%
1			

## Issued and quoted securities at end of current quarter

Description includes rate of interest and any redemption or conversion rights together with prices and dates.

		Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1	Preference				
	*securities				
7.3	(description) Changes during				
7.2	quarter				
	(a) Increases				
	through issues				
	(b) Decreases				
	through returns				
	of capital, buy-				
	backs,				
	redemptions +Ordinary				
7.3	securities	178,250,577	178,250,577		
	securities	170,230,377	1/0,250,5//		
7.4	Changes during quarter				
	(a) Increases	11,814,390	11,814,390	\$0.09	\$0.09
	through issues				
	(b) Decreases				
	through returns				
	of capital, buy-				
	backs				
7.5	<sup>+</sup> Convertible				
	debt				
	securities				
	(description)				

<sup>+</sup> See chapter 19 for defined terms.

## Appendix 5B Mining exploration entity and oil and gas exploration entity quarterly report

7.6	Changes during quarter (a) Increases through issues (b) Decreases through securities matured, converted				
7.7	Options (description and conversion factor)	3,900,000 500,000	Nil Nil	Exercise price \$0.26 \$0.25	Expiry date 15 November 2016 24 September 2017
7.8	Issued during quarter				
7.9	Exercised during quarter				
7.10	Expired during quarter				
7.11	<b>Debentures</b> (totals only)				
7.12	Unsecured notes (totals only)				

## **Compliance statement**

- This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 5).
- This statement does give a true and fair view of the matters disclosed.

Sign here: Date: 30 April 2015
Company secretary

Print name: Eva O'Malley

<sup>+</sup> See chapter 19 for defined terms.