

## **ASX ANNOUNCEMENT**

**3 May 2022**

### **OUTSTANDING NEW WIDE, HIGH-GRADE RESULTS AS GILBEY'S NORTH DISCOVERY CONTINUES TO GROW**

**Expansionary drilling reveals increasing widths and extent of shallow gold mineralisation at the Gilbey's North discovery at Dalgaranga**

#### **Highlights:**

- **Recent drilling at Gilbey's North has delivered another series of shallow high-grade gold intercepts including:**
  - **31m @ 2.54g/t from 23m, including 3m @ 6.57g/t and 3m @ 8.58g/t (DGRC0835)**
  - **15m @ 3.16g/t from 39m, including 5m @ 6.67g/t (DGRC0837)**
  - **2m @ 3.23g/t from 52m (DGRC0839)**
  - **Holes DGRC0835, DGRC0837 and DGRC0839 all ended in mineralisation (rig max depth 53-54m) and are currently being followed up with deeper RC drilling.**
- **An updated JORC Mineral Resource Estimate (MRE) is underway for the active Plymouth open pit encompassing recent drilling success and 16 RC drill-holes excluded from the previous MRE in 2021. Anticipated release end June 2022.**
- **Two RC drill rigs currently on-site, with a third RC rig due mid-week to accelerate Resource drill-outs of:**
  - **Gilbey's North prospect area for an initial MRE, anticipated for release end June 2022.**
  - **Plymouth Open Pit expansion drilling for a "second-stage" Resource upgrade. Anticipated second half 2022.**
  - **Gilbey's Main Pit Eastern Footwall prospects (undrilled high-grade shears sub-parallel to the main ore zone, along-strike of Plymouth and within the main pit outline).**
- **A diamond drill rig is also on-site conducting core drilling of:**
  - **The Plymouth open-pit to obtain geotechnical information for a review of pit-slope angles in preparation for the anticipated expansion of the Plymouth Resource and pit redesign.**
  - **The Gilbey's North prospect to obtain geotechnical and geo-metallurgical samples for submission of an initial mining proposal and benchmark recovery testwork for anticipated mining of the Gilbey's North area.**

Gascoyne Resources Managing Director and CEO, Mr Simon Lawson, said: “On the back of our recent record quarterly result, our exploration team is continuing to deliver in spades with these new outstanding results from Gilbey’s North showing that this discovery has some serious legs!

“As we test the thickness and geometry of the mineralisation with a new phase of drilling, we are very pleased to see further thick intercepts coming from extensions to the known mineralisation. Importantly, the thicknesses of the mineralised zones as we head north-west are very consistent, the grades look very exciting and the rock type, sulphide content and alteration look very similar to the main Gilbey’s ore body.

“We are now accelerating the drilling of Gilbey’s North, as well as a number of other established targets, including the active Plymouth open pit mine, where we continue to see opportunity to expand and optimise the mineralisation. Recent drilling has focused on potentially linking the Plymouth mineralisation with the Sly Fox deposit to the east, as well as testing northward towards the historically mined very high-grade Gilbey’s East Cutback area.

“In the meantime, our disciplined approach to mining higher grades and reducing costs is continuing to deliver strong results, generating growing cashflow from Dalgaranga to support our ongoing initiatives to extend mine life and make new discoveries.”

Gascoyne Resources Limited (“**Gascoyne**” or “**Company**”) (ASX: GCY) is pleased to report further exciting drilling results from the significant zone of gold mineralisation discovered immediately north of the Gilbey’s open pit, the main ore source at its 100%-owned **Dalgaranga Gold Project** in Western Australia.

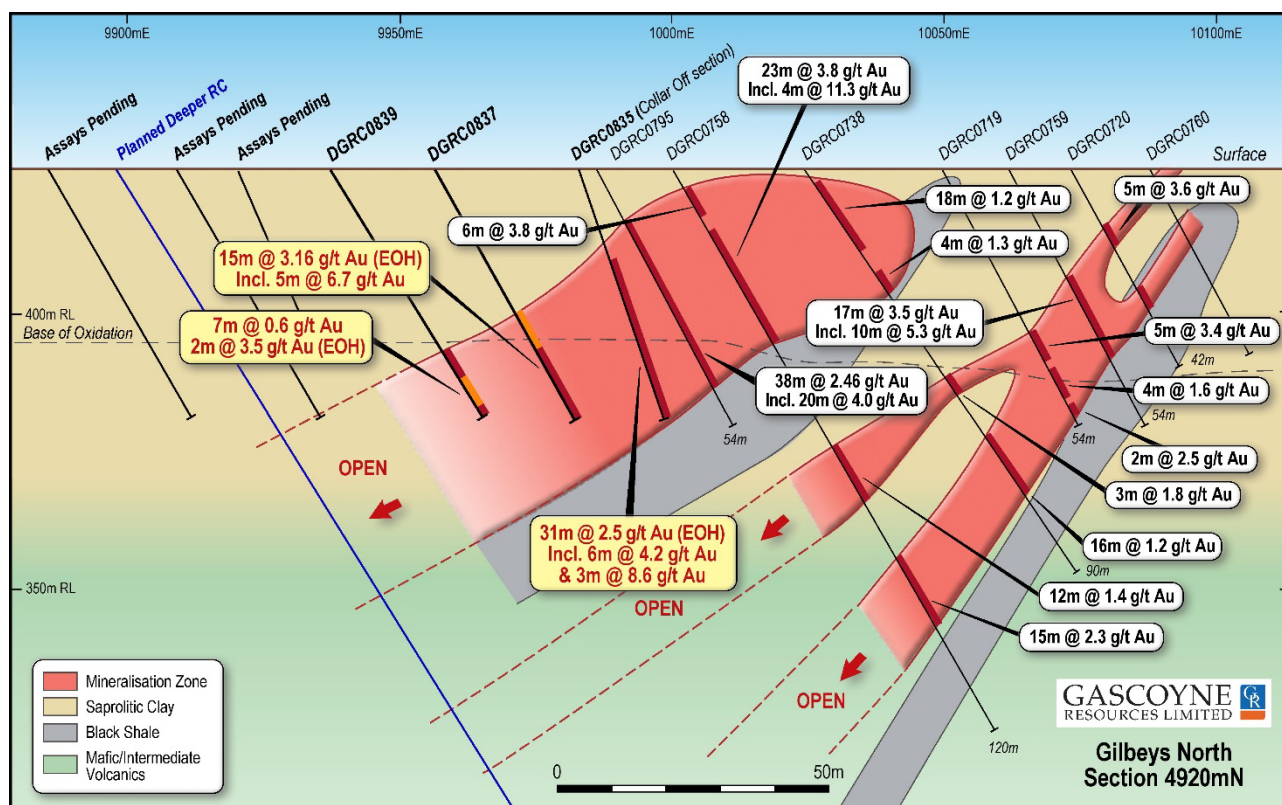


Figure 1: Cross-section (looking north) of Gilbey’s North prospect with new results from DGRC835, 837 and 839.

## Gilbey's North – Significant Near-Mine Gold Discovery

The Gilbey's North target is located less than 1km west of the +2.5Mtpa Dalgaranga processing plant. Since its discovery, a very high percentage of follow-up drill-holes have intersected significant gold mineralisation (see ASX announcements, 8, 17, 24, 28<sup>th</sup> February and 22<sup>nd</sup> March 2022) with the Company well underway with follow-up RC drilling in preparation for a maiden Mineral Resource Estimate (MRE).

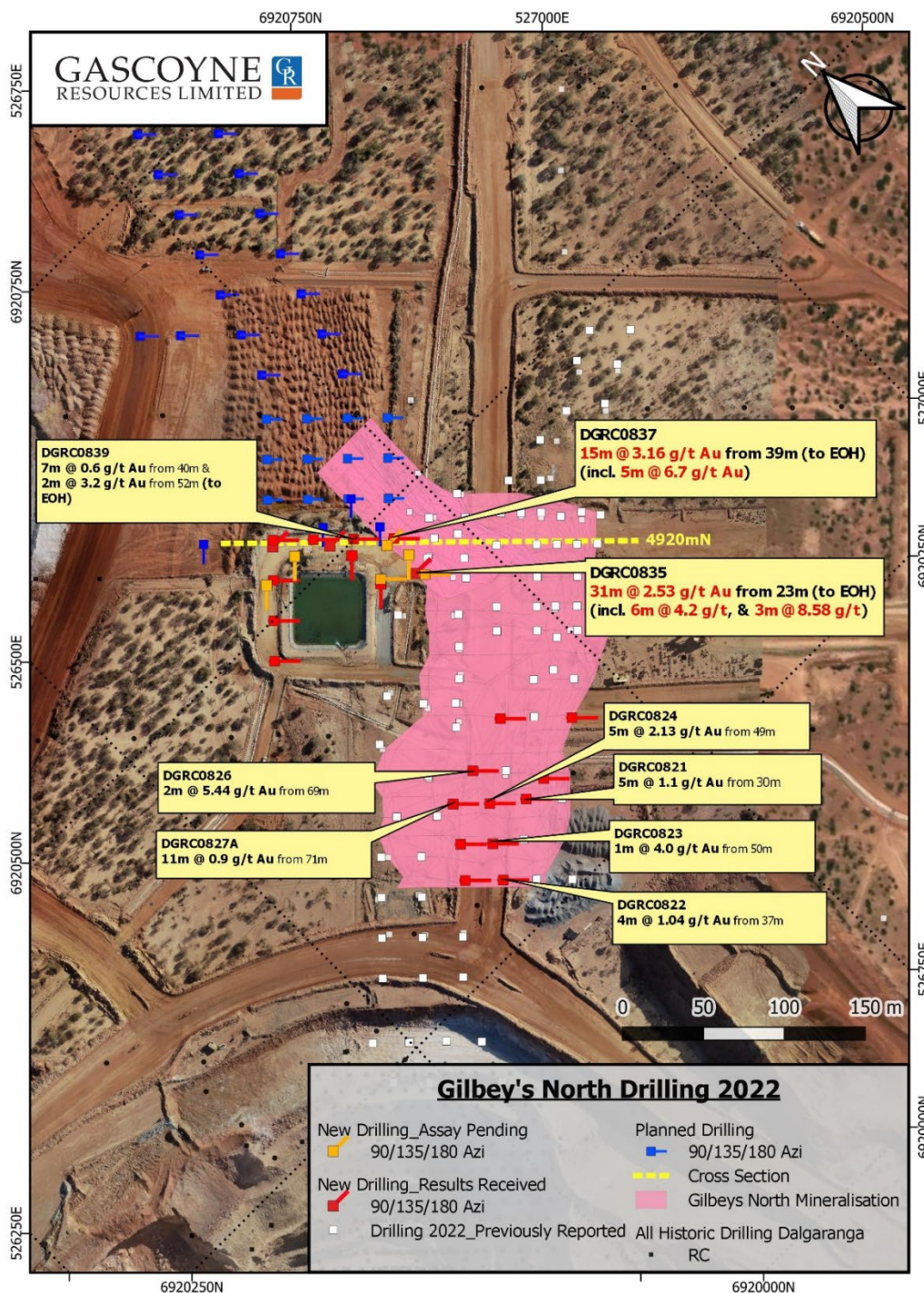
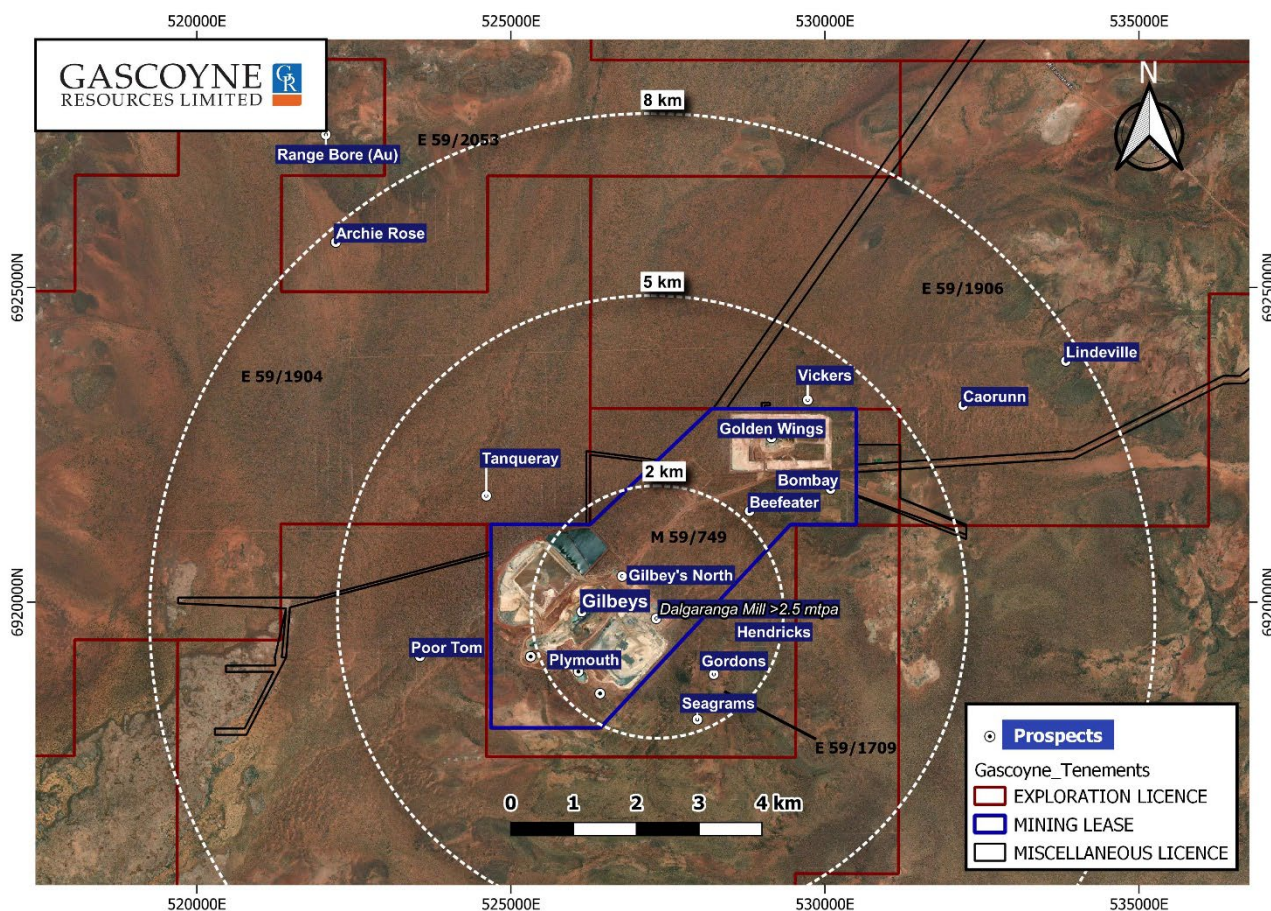


Figure 2: Gilbey's North gold prospect plan showing location of drill-holes and recent assay results.



**Figure 3:** Map showing the location of the main Gilbey's open pit, Plymouth open pit and the emerging Gilbey's North discovery on granted Mining Leases, as well as the very nearby 2.5Mtpa Dalgaranga processing plant and other advanced gold prospects within an 8km radius.



**Figure 4:** Three drill rigs in the Plymouth open pit looking southwest. The small RC rig on the left is drilling the Plymouth East-West lodes running parallel to the colour change with the Sly Fox pit outside frame to the left, the diamond drill rig is in the centre background testing the intersection between the Plymouth East-West and North-South lodes and the large RC rig on the right is drilling the Plymouth North-South lodes as they head up the eastern side of the Gilbey's open pit.

## Drillhole Tables

**Table 1: Drillhole Results Table**

Hole Id	From (m)	To (m)	Interval (m)	Au g/t	Comments
<b>Gilbey's North</b>					
DGRC0821	30	35	5	1.10	
DGRC0822	37	41	4	1.04	
DGRC0823	50	51	1	4.0	
DGRC0824	36	37	1	0.57	
	49	54	5	2.13	
DGRC0825	49	50	1	0.73	
DGRC0826	1	2	1	0.87	
	61	62	1	2.37	
	69	71	2	5.44	
Incl.	69	70	1	10.3	
DGRC0827				NSR	
DGRC0827A	71	82	11	0.90	
DGRC0828	22	23	1	0.90	
	50	51	1	0.83	
DGRC0829				NSR	
DGRC0830A	77	78	1	1.47	
<b>DGRC0835</b>	3	5	2	1.00	
	23	54	31	2.53	EOH
Incl.	27	33	6	4.2	
& Incl.	37	40	3	8.58	
DGRC0836	3	5	2	0.67	
	36	37	1	0.75	
<b>DGRC0837</b>	4	5	1	0.72	
	26	27	1	0.62	
	32	33	2	2.03	
	39	54	15	3.16	EOH
Incl.	48	53	5	6.67	
DGRC0838	6	9	3	0.50	
<b>DGRC0839</b>	4	5	1	0.66	
	29	30	1	1.54	
	40	47	7	0.61	
	52	54	2	3.23	EOH
DGRC0840	8	9	1	0.54	
DGRC0841				NSR	
DGRC0842				NSR	
DGRC0843				NSR	
DGRC0844				NSR	
DGRC0845	53	54	1	0.61	EOH
DGRC0846				NSR	

**Table 2: Drillhole Collar Table**

Hole Id	Depth	MGA	MGA	RL (m)	Azimuth	Dip
DGRC082	48	526657	6920311	427	135	-60
DGRC082	66	526612	6920285	427	135	-60
DGRC082	72	526623	6920306	427	135	-60
DGRC082	80	526640	6920324	427	135	-60
DGRC082	84	526596	6920301	427	135	-60
DGRC082	84	526643	6920346	427	135	-60
DGRC082	55	526626	6920342	427	135	-60
DGRC082	55	526625	6920344	428	135	-60
DGRC082	72	526682	6920357	427	135	-60
DGRC082	27	526713	6920327	427	135	-60
DGRC083	12	526608	6920325	427	135	-60
DGRC083	90	526606	6920327	427	135	-60
DGRC083	54	526713	6920454	427	90	-60
DGRC083	54	526688	6920468	427	180	-60
DGRC083	54	526706	6920483	427	135	-60
DGRC083	54	526688	6920493	427	180	-60
DGRC083	54	526697	6920499	427	135	-60
DGRC084	54	526682	6920508	427	90	-60
DGRC084	54	526678	6920518	427	135	-60
DGRC084	54	526657	6920532	427	90	-60
DGRC084	54	526659	6920530	427	135	-60
DGRC084	54	526646	6920521	427	135	-60
DGRC084	54	526625	6920499	426	135	-60
DGRC084	54	526608	6920482	427	135	-60
DGRC082	48	526657	6920311	427	135	-60
DGRC082	66	526612	6920285	427	135	-60
DGRC082	72	526623	6920306	427	135	-60
DGRC082	80	526640	6920324	427	135	-60
DGRC082	84	526596	6920301	427	135	-60
DGRC082	84	526643	6920346	427	135	-60
DGRC082	55	526626	6920342	427	135	-60
DGRC082	55	526625	6920344	428	135	-60
DGRC082	72	526682	6920357	427	135	-60
DGRC082	27	526713	6920327	427	135	-60
DGRC083	12	526608	6920325	427	135	-60
DGRC083	90	526606	6920327	427	135	-60
DGRC083	54	526713	6920454	427	90	-60
DGRC083	54	526688	6920468	427	180	-60
DGRC083	54	526706	6920483	427	135	-60

DGRC083	54	526688	6920493	427	180	-60
DGRC083	54	526697	6920499	427	135	-60
DGRC084	54	526682	6920508	427	90	-60
DGRC084	54	526678	6920518	427	135	-60
DGRC084	54	526657	6920532	427	90	-60
DGRC084	54	526659	6920530	427	135	-60
DGRC084	54	526646	6920521	427	135	-60
DGRC084	54	526625	6920499	426	135	-60
DGRC084	54	526608	6920482	427	135	-60

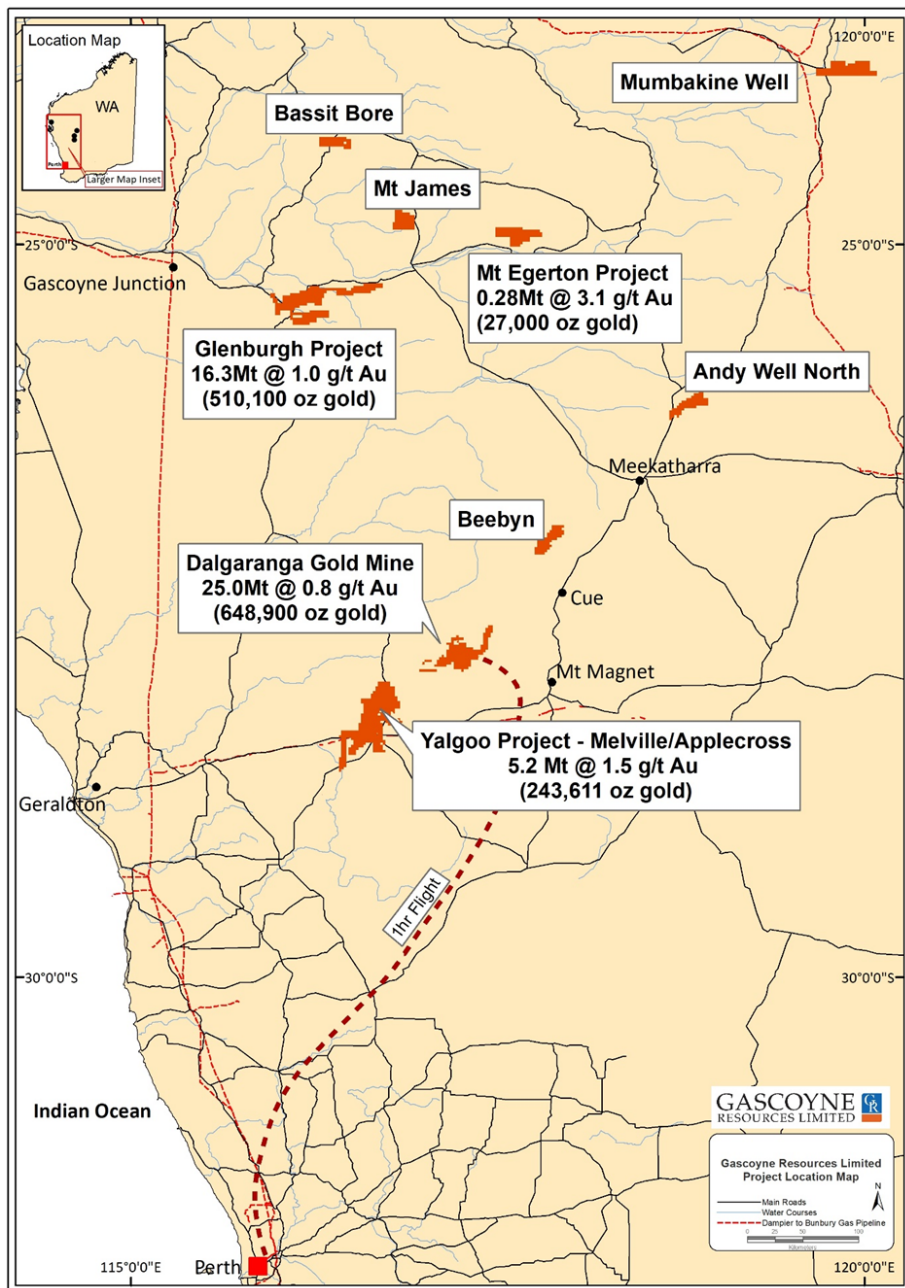


Figure 5: Location of Gascoyne Projects

## Authorisation

This announcement has been authorised for release by the Board of Gascoyne Resources Limited.

**For further information, please contact:**

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## BACKGROUND ON GASCOYNE RESOURCES

Gascoyne was reinstated on the ASX in October 2020 and is focused on production, development and exploration of a number of gold projects in Western Australia underpinned by positive cash flow generated from the Dalgaranga Operation. In financial year 2021, Dalgaranga produced in excess of 77,000 ounces of gold. The acquisition of Firefly Resources Limited which held the Yalgoo project approximately 70km southwest of Dalgaranga completed on 10 November 2021. The Melville deposit at Yalgoo has the potential to be mined and hauled 110km by road and integrated into the Dalgaranga production plan.

## DALGARANGA:

The Dalgaranga Gold Project (“DGP”) is located approximately 65km by road North-West of Mt Magnet in the Murchison gold mining region of Western Australia and covers the majority of the Dalgaranga greenstone belt.

An updated Mineral Resource was estimated for the DGP being 24.99 Mt @ 0.81 g/t Au for 648.9k oz of contained gold (see ASX Announcement 31 May 2021). Refer to table below.

An updated Ore Reserve was estimated for the DGP being 13.53 Mt @ 0.8 g/t Au for 339.0k oz of contained gold (see ASX Announcement 31 May 2021). Refer to table below.

Significant exploration potential remains at the Dalgaranga Gold Project within the Company’s surrounding extensive tenement holdings.

**Dalgaranga Gold Project  
Summary Mineral Resource Statement as at 31 March 2021**

Classification	Mt	Au g/t	Au koz
Measured	1.38	0.69	30.6
Indicated	20.04	0.83	533.1
<b>Measured + Indicated</b>	<b>21.43</b>	<b>0.82</b>	<b>563.8</b>
Inferred	3.56	0.74	85.1
<b>TOTAL</b>	<b>24.99</b>	<b>0.81</b>	<b>648.9</b>

Note: Discrepancies in totals are a result of rounding.

**Dalgaranga Gold Project  
Summary Ore Reserve Statement as at 31 March 2021**

Classification	Oxidation state	COG (g/t Au)	Mt	Au g/t	Au Koz
Proved	Oxide	0.30	0.002	1.1	0.1
	Transition	0.30	0.62	0.7	13.5
	Fresh	0.30	0.45	0.8	10.0
	Stockpiles	0.30	1.84	0.4	24.4
	Gold In circuit				1.7
	<b>SUBTOTAL</b>			<b>2.91</b>	<b>0.5</b>
Probable	Oxide	0.30	0.36	0.9	9.0
	Transition	0.30	0.36	0.9	9.2
	Fresh	0.30	9.90	0.9	271.0
	<b>SUBTOTAL</b>			<b>10.62</b>	<b>0.8</b>
<b>Total</b>			<b>13.53</b>	<b>0.8</b>	<b>339.0</b>

## YALGOO:

The Yalgoo project includes the Melville and Applecross deposits which have a combined Indicated and Inferred resource of 5.2Mt @ 1.45 g/t Au for 243,613 oz of gold (see ASX Announcement 6 December 2021)

### Yalgoo Gold Project – MRE Total, above 0.7 g/t Au, as at 6 December 2021

Classification	Tonnes (Mt)	Grade (Au g/t)	Ounces (koz)
Indicated	3.4	1.5	160.4
Inferred	1.9	1.4	83.2
<b>TOTAL</b>	<b>5.2</b>	<b>1.5</b>	<b>243.6</b>

Note: Discrepancies in totals are a result of rounding

## GLENBURGH:

The Glenburgh Project in the Gascoyne region of Western Australia has an Indicated and Inferred resource of 16.3Mt @ 1.0 g/t Au for 510.1koz oz gold (See ASX announcement dated 18 December 2020 and titled “Glenburgh Resource Update”) from several deposits within a 13km long shear zone (see table below). The project is an exciting and advanced exploration project and will be fully evaluated over the coming months to determine its potential development to production.

### Glenburgh Gold Project – MRE Total Summary for All Deposits, as at 15 December 2020

Classification	Tonnes (Mt)	Grade (Au g/t)	Ounces (koz)
Indicated	13.5	1.0	430.7
Inferred	2.8	0.9	79.4
<b>TOTAL</b>	<b>16.3</b>	<b>1.0</b>	<b>510.1</b>

## MT EGERTON:

The Mt Egerton project includes the high-grade Hibernian deposit and the Gaffney’s Find prospect, located on granted mining leases. The Hibernian deposit an Indicated and Inferred resource of 0.28Mt @ 3.1 g/t Au for 27koz oz gold (See ASX Announcement 31 May 2021). The Hibernian deposit has only been drill tested to 70m below surface and there is strong potential to expand the deposit with drill testing deeper extensions to known shoots and targeting new shoot positions. Extensions to mineralised trends and new regional targets will be tested with air core during drilling campaigns.

### Hibernian Deposit – MRE Total, above 0.7 g/t Au, as at 31 May 2021

Classification	Tonnes (Mt)	Grade (Au g/t)	Ounces (koz)
Indicated	0.23	3.4	25
Inferred	0.04	1.5	2
<b>TOTAL</b>	<b>0.28</b>	<b>3.1</b>	<b>27</b>

## Competent Persons Statement

The information in this announcement that relates to Exploration Results and Mineral Resources at the Dalgaranga Gold Project is based on, and fairly represents information and supporting documentation reviewed, collated, and compiled by Mr Simon Lawson, a full-time employee and the Managing Director of Gascoyne Resources Limited. Mr Lawson is a professional geoscientist and Member of The Australian Institute of Mining and Metallurgy and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which has been undertaken, to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources, and Ore Reserves. Mr Lawson consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears.

The Ore Reserve estimates for the Gilbey's, Gilbey's South, Plymouth and Sly Fox gold deposits at the Dalgaranga Gold Project referred to in this announcement are extracted from the ASX announcement dated 31 May 2021 and titled "2021 Resource and Ore Reserve Statements". The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimate in the original market announcement continue to apply and have not materially changed.

The Mineral Resource estimates for the Gilbey's, Gilbey's South, Plymouth and Sly Fox referred to in this announcement are extracted from the ASX announcement dated 31 May 2021 and titled "2021 Mineral Resource and Ore Reserve Statements". The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimate in the original market announcement continue to apply and have not materially changed.

The Mineral Resource estimates for the Melville and Applecross deposits referred to in this announcement are extracted from the ASX announcement dated 6 December 2021 and titled "24% Increase in Resource Ounces at Yalgoo Gold Project". The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimate in the original market announcement continue to apply and have not materially changed.

The Mineral Resources estimates for the Glenburgh Project referred to in this announcement are extracted from the ASX announcement dated 18 December 2020 and titled "Group Mineral Resources Grow to Over 1.3M oz". The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimate in the original market announcement continue to apply and have not materially changed.

The Mineral Resources estimates for the Hibernian deposit at Mt Egerton referred to in this release are extracted from the ASX announcement dated 31 May 2021 and titled "2021 Mineral Resource and Ore Reserve Statements". The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the estimate in the original market announcement continue to apply and have not materially changed.

## Forward-looking statements

This announcement contains forward-looking statements which may be identified by words such as "believes", "estimates", "expects", "intends", "may", "will", "would", "could", or "should" and other similar words that involve risks and uncertainties. These statements are based on an assessment of present economic and operating conditions, and on a number of assumptions regarding future events and actions that, as at the date of this announcement, are expected to take place.



Such forward-looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties, assumptions and other important factors, many of which are beyond the control of the Company, the Directors and management of the Company. These and other factors could cause actual results to differ materially from those expressed in any forward-looking statements.

The Company cannot and does not give assurances that the results, performance or achievements expressed or implied in the forward-looking statements contained in this announcement will actually occur and investors are cautioned not to place undue reliance on these forward-looking statements.



**JORC Code, 2012 Edition – Table 1**  
**Section 1 Sampling Techniques and Data**

**Dalgaranga project**

(Criteria in this section apply to all succeeding sections.)

Criteria	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>• The deposits and prospects have been drilled using Rotary Air Blast (RAB), Air Core (AC), Reverse Circulation (RC) and Diamond drilling over numerous campaigns by several companies and currently by Gascoyne Resources Ltd. The majority of holes are on a 25m grid either infilling or extending known prospects. The exploration areas have wider spaced drilling. The majority of drill holes have a dip of -60° but the azimuth varies. <b>For this announcement it was RC drilling</b></li> <li>• Sample procedures followed by historic operators are assumed to be in line with industry standards at the time. Current QAQC protocols include the analysis of field duplicates and the insertion of appropriate commercial standards and blank samples. Based on statistical analysis of these results, there is no evidence to suggest the samples are not representative.</li> <li>• RC drilling was used to obtain 1m samples which were split by a cone splitter at the rig to produce a 3 – 5 kg sample. In some cases, a 4m composite sample of approximately 3 – 5 kg was also collected from the top portion of the holes considered unlikely to host significant mineralisation. The samples were shipped to the laboratory for analysis via 50g Fire Assay or Photon assay. Where anomalous results were detected, the single metre samples were collected for subsequent analysis, also via 50g Fire Assay or Photon assay. A 4m composite sample of approximately 3 – 5 kg was collected for all AC drilling. This was shipped to the laboratory for analysis via a 25g Aqua Regia digest with reading via a mass spectrometer. Where anomalous results were detected, single metre samples will be collected for subsequent analysis via a 25g Fire Assay or Photon Assay. Where diamond drilling was undertaken or as diamond tails extending RC holes ½ core was sampled while for HQ holes ¼ core was sampled and the Fire Assayed using 50g charge fire assay with an AAS finish.</li> <li>• In relation to this announcement all <b>RC samples were sent to MinAnalytical Laboratory Pty Ltd for analysis by Photon Assay.</b></li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>• RC drilling used a nominal 5 ½ inch diameter face sampling hammer. AC drilling used a conventional 3 ½ inch face sampling blade to refusal or a 4 ½ inch face sampling hammer to a nominal depth. The diamond drilling was undertaken as diamond tails to RC holes. Core sizes range from NQ, HQ or PQ (to allow metallurgical samples to be collected). In relation to this announcement, it was RC drilling 5 ½ inch diameter face sampling hammer.</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>• RC and AC sample recovery is visually assessed and recorded where significantly reduced. Very little sample loss has been noted.</li> <li>• The diamond drilling recovery has been excellent with very little to no core loss identified. There was no sample loss related to the drilling in this announcement</li> </ul>
	<ul style="list-style-type: none"> <li>• RC samples were visually checked for recovery, moisture and contamination. A cyclone and cone splitter were used to provide a uniform sample and these were routinely cleaned. AC samples were visually checked for recovery moisture and contamination. A cyclone was used and routinely cleaned. 4m composites were speared to obtain the most representative sample possible.</li> </ul>



Criteria	Commentary
	<ul style="list-style-type: none"> <li>Diamond drilling was undertaken and the core measured and orientated to determine recovery, which was generally 100%.</li> <li>Sample recoveries are generally high. No significant sample loss has been recorded with a corresponding increase in Au present. Field duplicates produce consistent results. No sample bias is anticipated, and no preferential loss/gain of grade material has been noted.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li>Detailed logging exists for most historic holes in the data base. Current RC and AC chips are geologically logged at 1 metre intervals and to geological boundaries respectively. RC chip trays and end of hole chips from AC drilling have been stored for future reference.</li> <li>Diamond drill holes have all been geologically, structurally and geotechnically logged.</li> <li>RC and AC chip logging recorded the lithology, oxidation state, colour, alteration and veining.</li> <li>The Diamond core photographed tray by tray wet and dry.</li> <li>All current drill holes are logged in full.</li> </ul>
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li>Diamond drilling completed by Gascoyne Resources on the Dalgarranga tenements has been ½ core (for NQ) or ½ or ¼ core (for HQ) sampled. Previous companies have conducted diamond drilling, it is unclear whether ½ core or ¼ core was taken by previous operators. In relation to this announcement ½ core was sampled</li> <li>RC chips were cone split at the rig. AC samples were collected as 4m composites (unless otherwise noted) using a spear of the drill spoil. Samples were generally dry. 1m AC resamples are riffle split or speared.</li> <li>RC and AC samples are dried. If the sample weight is greater than 3kg, the sample is riffle split.</li> <li>Samples are pulverised to a grind size where 85% of the sample passes 75 micron.</li> <li>Field QAQC procedures included the insertion of 4% certified reference 'standards' and 2% field duplicates and 2% 'blanks' for RC and AC drilling.</li> <li>Field duplicates were collected during RC drilling. Further sampling (lab umpire assays) will be conducted if it is considered necessary.</li> <li>The diamond core has been consistently sampled with the left hand side of the NQ hole sampled, while for the HQ, the left hand side of the left hand half was sampled.</li> </ul>
	<ul style="list-style-type: none"> <li>A sample size of between 3 and 5 kg was collected. This size is considered appropriate, and representative of the material being sampled given the width and continuity of the intersections, and the grain size of the material being collected.</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li>RC samples were sent to MinAnalytical Laboratory Pty Ltd for analysis, by Photon Assay. A 500g sample is assayed for gold by Photon Assay (method code PAAU2) along with quality control samples including certified reference materials, blanks and sample duplicates. For Fire Assay the sample is crushed and pulverised then assayed for gold using a 50g charge lead collection Fire Assay with AAS finish. For Photon Assay, the sample is crushed to nominal 85% passing 2mm, linear split and a nominal 500g sub sample taken (method code PAP3502R). The 500g sample is assayed for gold by Photon Assay (method code PAAU2) along with quality control samples including certified reference materials, blanks and sample duplicates. For this announcement samples from the RC drill holes were Fire Assayed by Nagrom Laboratory.</li> </ul>



Criteria	Commentary
	<ul style="list-style-type: none"> <li>No downhole geophysical tools etc. have been used at Dalgaranga.</li> <li>Field QAQC procedures include the insertion of both field duplicates and certified reference 'standards' and 'blank' samples. Assay results have been satisfactory and demonstrate an acceptable level of accuracy and precision. Laboratory QAQC involves the use of internal certified reference standards, blanks, splits and replicates. Analysis of these results also demonstrates an acceptable level of precision and accuracy.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li>At least 3 Company personnel verify all intersections.</li> <li>No twinned holes have been drilled to date by Gascoyne Resources.</li> <li>Field data is collected using Log Chief on tablet computers. The data is sent to the Gascoyne Database Manager for validation and compilation into a SQL database server.</li> <li>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</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>At this stage most drill collars have been surveyed by hand held GPS to an accuracy of about 3m. The RC and diamond drill holes have been picked up by DGPS. A down hole survey was taken at least every 30m in RC holes by electronic multishot tool by the drilling contractors. Gyro surveys have been undertaken on selected holes to validate the multi shot surveys. In the case of this announcement all RC holes have been surveyed by Company Surveyor using DGPS and Gyro surveys were undertaken down hole by drilling contractors for the RC drill holes in this announcement. The RC drillholes referred to in this announcement were surveyed by DGPS. The Aircore holes were surveyed by hand held GPS. For this announcement the collars were surveyed using DGPS.</li> <li>The grid system is MGA_GDA94 Zone 50</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Initial exploration by Gascoyne Resources is targeting discrete areas that may host mineralisation. Consequently, current drilling is not grid based, however when viewed with historic data, the drill holes generally lie on existing grid lines and within 25m – 100m of an existing hole. In the case of this announcement the drillholes lie on approximately 25-50m spaced sections.</li> <li>The mineralised domains have sufficient continuity in both geology and grade to be considered appropriate for the Mineral Resource and Ore Reserve estimation procedures and classification applied under the 2012 JORC Code.</li> <li>In some cases 4m composite samples were collected from the upper parts of RC drill holes where it was considered unlikely for significant gold mineralisation to occur. Where anomalous results were detected, the single metre cone split samples were collected for subsequent analysis. 4m composite samples were collected during AC drilling and where anomalous results were detected single metre riffle split or speared samples were often collected for subsequent analyses. In relation to this announcement 1m samples were collected and analysed.</li> </ul>
<b>Orientation of data in relation</b>	<ul style="list-style-type: none"> <li>Drilling sections are orientated perpendicular to the strike of the mineralised host rocks at Dalgaranga. This varies between prospects and consequently the azimuth of the drill holes also varies to reflect this. The drilling is angled at between -50 and -60° which is close to perpendicular to the dip of the stratigraphy.</li> <li>No orientation based sampling bias has been identified in the data at this point.</li> </ul>



Criteria	Commentary
<i>to geological structure</i>	
<i>Sample security</i>	<ul style="list-style-type: none"> <li>Chain of custody is managed by Gascoyne Resources. Drill Samples are dispatched weekly from the Dalgaranga Gold Project site. Currently Beattie Haulage and Toll delivers the samples directly to the assay laboratory in Perth. In some cases Company personnel have delivered the samples directly to the lab. Diamond drill core is transported directly to Perth for cutting and dispatch to the assay lab for analysis. These samples were delivered to the Laboratory by Beattie Haulage.</li> </ul>
<i>Audits or reviews</i>	<ul style="list-style-type: none"> <li>Data is validated by the Gascoyne Database Manager whilst loading into database. Any errors within the data are returned to relevant Gascoyne geologist for validation.</li> </ul>

## ***Section 2 Reporting of Exploration Results: Dalgaranga Project***

(Criteria listed in the preceding section also apply to this section.)

Criteria	Commentary
<i>Mineral tenement and land tenure status</i>	<ul style="list-style-type: none"> <li>Dalgaranga project is situated on Mining Lease Number M59/749. The tenement is 100% owned by Gascoyne Resources Limited. Other project Tenements include E59/1709, E59/1904, and E59/1906 which Gascoyne Resources has an 80% interest. The Archie Rose prospect lies on E59/2053 and is 100% owned by Gascoyne Resources. The Tanqueray prospect lies on E59/1709 and E59/1904 where Gascoyne Resources has an 80% interest. The Hendricks prospect lies on E59/1709 which Gascoyne Resources has an 80% interest.</li> <li>The tenements are in good standing and no known impediments exist.</li> </ul>
<i>Exploration done by other parties</i>	<ul style="list-style-type: none"> <li>The tenement areas have been previously explored by numerous companies including BHP, Newcrest and Equigold. Previous Mining was carried out by Equigold in a JV with Western Reefs NL from 1996 – 2000.</li> </ul>
<i>Geology</i>	<ul style="list-style-type: none"> <li>Regionally, the Dalgaranga project lies in the Archean aged Dalgaranga Greenstone Belt in the Murchison Province of Western Australia. At the Gilbey's deposit, most gold mineralisation is associated with shears situated within biotite-sericite-carbonate pyrite altered schists with quartz-carbonate veining within a porphyry-shale-mafic (dolerite, gabbro, basalt) rock package (Gilbey's Main Porphyry Zone). The Gilbey's Main and Gilbey's North prospect Porphyry Zone trends north – south and dips moderately-to-steeply to the west on local grid while Sly Fox deposit trends east – west and dips steeply to the north. These two trends define the orientation of the limbs of an anticlinal structure, with a highly disrupted area being evident in the hinge zone.</li> <li>At the Sly Fox deposit gold mineralisation occurs in quartz veined and silica, pyrite, biotite altered schists.</li> </ul>





<b>Criteria</b>	<b>Commentary</b>
	<ul style="list-style-type: none"> <li>• The Plymouth deposit lies between Gilbey's and Sly Fox within the hinge zone of anticlinal structure – mineralisation at Plymouth is related to quartz veins and silica, pyrite, biotite altered schists.</li> <li>• At Hendricks and Vickers gold mineralisation occurs in quartz-pyrite veined and altered zones hosted in basalts.</li> <li>• A number of historic gold and base metal prospects occur, in particular the Archie Rose gold prospect which contains a number of significant gold intersections over an open-ended strike length of 300m associated with ENE/WSW structural trend observable in aeromagnetic data. Gold mineralisation at Archie Rose is associated with sheared gabbro.</li> <li>• At Tanqueray – gold mineralisation occurs in an East – West trending zone over 500m with mineralisation associated with quartz, sericite, and pyrite altered schists.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>• The recent RC drilling is being reported in this announcement. See body of the text for sample results, collar coordinates and survey (azimuth, RL and dip) information in tables, maps and sections.</li> </ul>
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li>• All reported assays have been length weighted if appropriate. No top cuts have been applied. A nominal 0.5ppm Au lower cut off has been applied to the RC and diamond results and 0.2 g/t Cut off to the Aircore results.</li> <li>• High grade Au intervals lying within broader zones of Au mineralisation are reported as included intervals.</li> <li>• No metal equivalent values have been used.</li> </ul>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li>• The mineralised zones at Dalgaranga vary in strike between prospects, but all are relatively steeply dipping. Drill hole orientation reflects the change in strike of the rocks and consequently the downhole intersections quoted are believed to approximate true width unless otherwise stated in the announcement. For this announcement an estimate of true width of the gold intersections is stated in the table of results.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li>• Refer to figures within body of text.</li> </ul>
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>• Results from all holes where assays have been received are included in this announcement.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>• Any further related details will be reported in future releases when data is available.</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>• Exploration will continue at Dalgaranga with drilling conducted to extend the current resources, mine life and follow up of significant exploration results will continue including exploration drilling of new areas on the project.</li> <li>• Refer to figures in body of text.</li> </ul>