EGM PRESENTATION 18 APRIL 2023

ASX:GCY





Cautionary Notice & Disclaimer



This presentation is dated 18 April 2023 and has been prepared by Gascoyne Resources Limited ACN 139 522 900 (**Gascoyne** or **the Company**). The information in this presentation remains subject to change without notice. The information in this presentation is of a general nature and does not purport to be complete, is provided solely for information purposes and should not be relied upon by the recipient. All financial information in this presentation is in Australian Dollars (\$ or AUD) unless otherwise stated.

This presentation is not, and does not constitute, or form any part of, an offer to sell or issue, or the solicitation, invitation or recommendation to purchase any securities.

No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions and conclusions contained in this presentation. This presentation does not purport to summarise all information that a recipient should consider when making an investment decision and should not form the basis of any decision by a recipient.

Recipients should carry out their own investigations and analysis of Gascoyne and verify the accuracy, reliability and completeness of the information contained in this presentation or any other form of communication to which the recipient is permitted access while evaluating an investment in Gascoyne.

Financial information

The pro forma financial information provided in this presentation is for illustrative purposes only and does not represent a forecast or expectation as to Gascoyne's future financial condition or performance. It does not include all the presentation and disclosures, statements or comparative information as required by the Australian Accounting Standards or other mandatory professional reporting requirements applicable to general purpose financial reports prepared in accordance with the Corporations Act 2001 (Cth).

Certain figures, amounts, percentages, estimates, calculations of value and fractions provided in this presentation are subject to the effect of rounding. Accordingly, the actual calculation of these figures may differ from the figures set out in this presentation.

Past & Future performance

Past performance information given in this presentation is given for illustrative purposes only and should not be relied upon as (and is not) an indication of future performance.

This presentation contains certain "forward-looking statements". The words "expect", "anticipate", "likely", "estimate", "intend", "believe", "guidance", "should", "could", "may", "will", "forecast", "predict", "plan", "target" and other similar expressions that involve risks and uncertainties are intended to identify forward-looking statements. Indications of, and guidance on, future earnings and financial position and performance are also forward-looking statements. Forward-looking statements, opinions and estimates provided in this presentation are based on assumptions and contingencies which are subject to change without notice and involve known and unknown risks and certainties and other factors which are beyond the control of Gascoyne, its directors and management.

You are strongly cautioned not to place undue reliance on forward-looking statements, particularly in light of the current economic climate. Forward-looking statements are provided as a general guide only and should not be relied upon as an indication or guarantee of future performance. Actual results, performance or achievements may differ materially from those expressed or implied in such statements and any projections and assumption on which these statements are based.

No representation or warranty, express or implied, is made as to the accuracy, likelihood of achievement or reasonableness of any forecasts, prospects, returns or statements in relation to future matters contained in this presentation. The forward-looking statements are based on information available to Gascoyne as at the date of this presentation. Except as required by law or regulation (including the ASX Listing Rules), none of Gascoyne, its representatives or advisers undertakes any obligation to provide any additional or updated information whether as a result of a change in expectations or assumptions, new information, future events or results or otherwise. Indications of, and guidance or outlook on, future earnings or financial position or performance are also forward-looking statements.

This presentation has been authorised for release by the Managing Director / CEO of Gascoyne Resources Limited.

EXPERIENCED BOARD AND MANAGEMENT TEAM

Highly experienced in the Australian gold sector and mining industry

CORPORATE STRUCTURE ¹	ASX: GCY
Shares on Issue	609M
Share price	A\$0.12
Market Cap	A\$73M
Cash	A\$41.1M
Debt ³	A\$23.8M
Net Cash	A\$17.3M
Enterprise Value	A\$56M

MAJOR SHAREHOLDERS²

Deutsche Balaton / Delphi / Sparta	19.3%
NRW Holdings	6.1%
First Sentier	8.9%

- 1. Cash, Debt and Net Cash presented as at 31 March 2023. All other information as at 17 April 2023.
- 2. Per most recent substantial holder notices lodged by respective shareholders
- 3. Debt comprises Tembo Capital Investment and Delphi unsecured loan to be converted to equity and a royalty over the Group's wholly owned tenements, subject to shareholder approval.



Gascoyne - Today



\$50m funding package to deliver an updated operating plan for the 2.5Mtpa Dalgaranga Processing Plant

Fully funded to support all drilling and associated costs through to mid-2024, including drilling from an underground exploration drill drive to be developed from within the existing Gilbey's Open Pit

Fully focused on drilling and expanding high-grade gold resources and delivering regular updates

Short-mid term strategy – "365" strategy implemented – targeting:

- +300koz reserve ounces @ +4g/t (Never Never Gold Deposit)
- +600koz resource ounces @ 5g/t (Never Never Gold Deposit)
- +5 year mine plan (Murchison Operations Dalgaranga and Yalgoo Gold Projects)

Debt free¹ and Hedge free (optionality)

Gascoyne - Mineral Resources (as at 31 December 2022)



Group Mineral Resources

36Mt @ 1.3g/t for +1.55Moz gold

Murchison Mineral Resources

- 20Mt @ 1.6g/t for +1.0Moz gold
- 2.5Mtpa Dalgaranga Processing Plant
 - Care and Maintenance status (high readiness)
 - All infrastructure remains in place
- Growing key mineral deposits with active drilling
 - Never Never Gold Deposit drilling underway
 - Melville Gold Deposit drilling 2nd half 2023

Never Never Gold Deposit

- +2Mt @ 4.64g/t for +0.3Moz gold
- Drilling underway 3 rigs
- Awaiting RC assays week beginning 24th April '23
- Diamond core being processed assays mid May '23
- Never Never MRE update due 2nd half 2023.

GROUP MINERAL RESOURCES				
Category	Tonnes (Mt)	Grade (g/t)	Ounces (koz Au)	
Measured	0.50	1.0	15.2	
Indicated	27.82	1.2	1,117.5	
Inferred	8.39	1.5	413.1	
GRAND TOTAL	36.71	1.3	1,545.8	

MURCHISON MINERAL RESOURCES				
Category	Tonnes (Mt)	Grade (g/t)	Ounces (koz Au)	
Measured	0.50	1.0	15.2	
Indicated	14.09	1.5	661.8	
Inferred	5.55	1.9	331.7	
GRAND TOTAL	20.14	1.6	1,008.7	

NEVER NEVER MINERAL RESOURCES			
Category	Tonnes (Mt)	Grade (g/t)	Ounces (koz Au)
Indicated	1.33	3.69	157.3
Inferred	0.71	6.43	145.8
GRAND TOTAL	2.03	4.64	303.1

*Mineral Resource Estimates by Region for Gascoyne Resources Ltd (at various cut-offs) "Murchison Region" Mineral Resource includes Dalgaranga Gold Project (DGP) and Yalgoo Gold Project (YGP). The DGP also includes the Gilbey's North - Never Never and Archie Rose mineral resources. Cut-off grades are 0.5g/t Au at DGP open pit, 2.0g/t at DGP underground and 0.7g/t Au at YGP

Never Never Gold Deposit – thick, high-grade and continuous

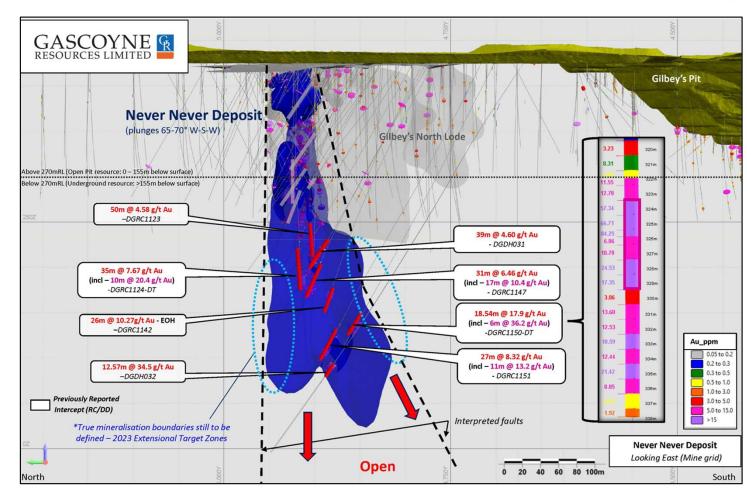


2022 Exploration Summary

Over 400 drillholes confirm the continuity of mineralisation at Never Never from surface to over 500m down-plunge

Deepest 8 drillholes at Never Never during 2022 averaged intercept widths and grades of: 29.9m @ 8.9g/t¹

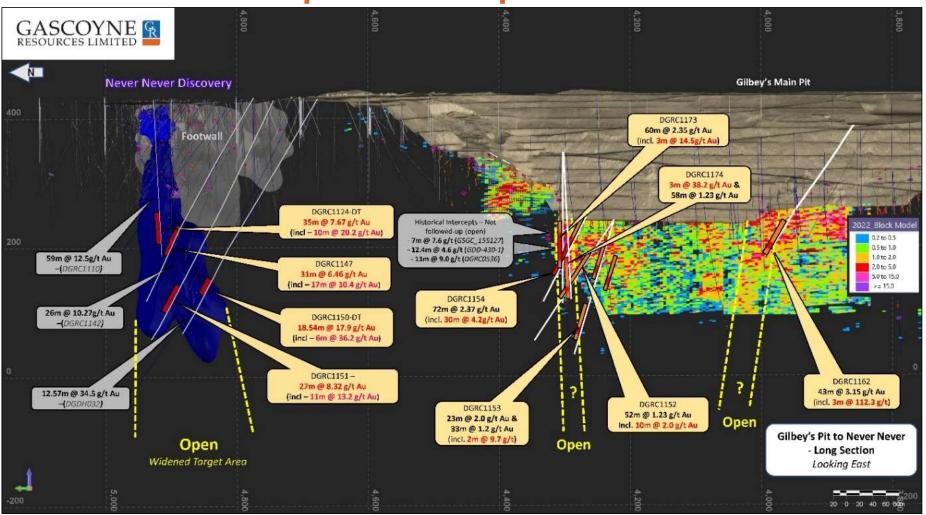
Mineralisation appears to increase in grade and width with increasing depth



Long section view of Never Never Gold Deposit looking East. "Deepest 8" drillholes highlighted with DGRC1150-DT intercept inset

Never Never Gold Deposit – Multiples?





Long-section view looking East at the Never Never Gold Deposit (blue), Gilbey's North "footwall" (grey) and the Gilbey's Main Deposit and Open Pit (to the right). Main target areas highlighted in yellow.

Never Never Gold Deposit – Rapid Growth 2023!



+2.0Mt @ 4.64g/t for 303,100 ounces gold

Virgin high grade gold discovery (mid 2022)

Open at depth, unmined and mineralised from surface

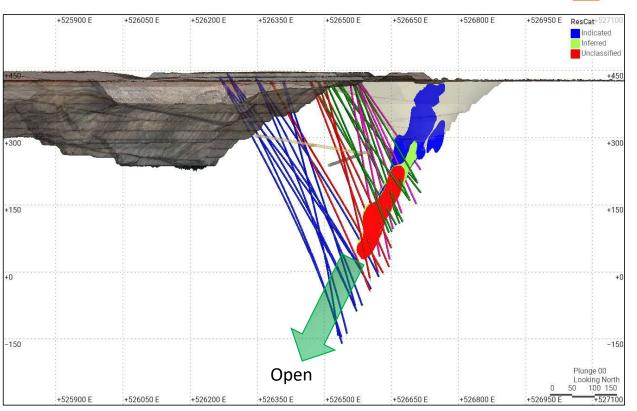
First 150m already drilled to Indicated

1.10Mt @ 2.45g/t gold for 86,500 ounces "Open pit" material (>0.5g/t Au cut-off)

0.93Mt @ 7.22g/t gold for 216,600 ounces "Underground" material (>2.0g/t Au cut-off)

Staged 20,000m drill program underway:

- 13,000m of Reverse Circulation
- 7,000m of Diamond Coring



Schematic of resource extension and reserve conversion drilling currently underway at the Never Never Gold deposit. Looking North. (note Gilbey's Pit in foreground)

Never Never Gold Deposit – Different, Valuable and SAM



Tenor – very high-grade +/- visible gold

Orientation – orthogonal to stratigraphy

Mineralisation – pyrite and gold in silica

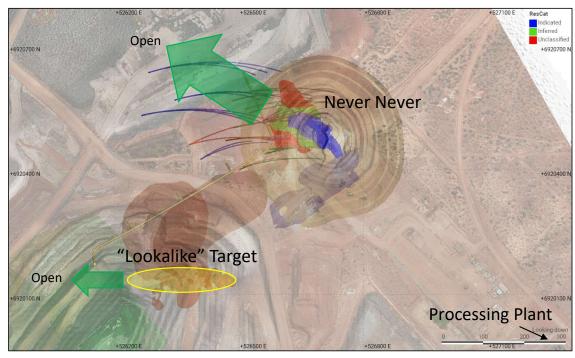
Character – silica-flooded, brecciated

New structural exploration model adopted

Database interrogation revealed high-grade structural target at north end of Gilbey's Pit – Never Never "lookalike"

Regional-scale Sub-Audio Magnetic (SAM) geophysical survey underway

- Characterise Never Never Gold Deposit
- Identify more Never Never "lookalikes"
- 4-6,000m RC drilling budgeted



Plan view of the Never Never Gold Deposit and the Gilbey's Open Pit (bottom left)

One of the high priority "lookalike" targets is highlighted at the north end of the Gilbey's Pit and the 2.5Mtpa

Dalgaranga Processing Plant is just out of frame to the bottom right

Summary – Gascoyne – How do we compare?



Gascoyne:

- Is an Exploration company with all the infrastructure required to rapidly re-commence gold production
- Is fully funded to execute and deliver a +5yr mine plan by mid 2024
- Already has one very high-grade gold deposit (Never Never) mineralised from surface and open at depth
- Has a second high-grade gold deposit (Melville) mineralised from surface and open at depth
- Has several other near-surface high-grade gold prospects within 10km of its fully operational plant
- Has 100% ownership of 2 goldfields around that processing plant to sustain growth through exploration
- Owns other advanced gold projects with high-grade ounces in Glenburgh and Egerton divest, invest?
- Has very few peers with the same status high-grade growth potential and installed infrastructure

Competent Person's Statement



The Mineral Resource estimates for the Dalgaranga Gold Project referred to in this presentation are extracted from the ASX announcement dated 23 January 2023 and titled "Never Never Resource Jumps by 183% to 303,100oz with Resource Grade up 99% to 4.64g/t". 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 Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements. The Competent Person responsible for reporting of those Mineral Resource estimates was Mr Nicholas Jolly.

The Mineral Resource estimates for the Gilbey's North and Never Never deposits (collectively the "Never Never deposits") referred to in this presentation are extracted from the ASX announcement dated 23 January 2023 and titled "Never Never Resource Jumps by 183% to 303,100oz with Resource Grade up 99% to 4.64g/t". 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 Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcements. The Competent Person responsible for reporting of those Mineral Resource estimates was Mr Nicholas Jolly.

The Mineral Resource estimates for the Gilbey's, Gilbey's South, Plymouth, Archie Rose and Sly Fox deposits referred to in this presentation are extracted from the ASX announcement dated 8 September 2022 and titled "Gold Resources increase by 15.6% to 1.37Moz with Resource Grade up by 29%". 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 presentation are extracted from the ASX announcement dated 6 December 2021 and titled "24% Increase in in Yalgoo Gold Resource to 243,613oz Strengthens Dalgaranga Growth Pipeline". 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 Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement. The Competent Person responsible for reporting of those Mineral Resource estimates was Mr Simon Lawson.

The Mineral Resources estimates for the Glenburgh Project referred to in this presentation 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 Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement. The Competent Person responsible for reporting of those Mineral Resource estimates was Mr Brian Fitzpatrick.

The Mineral Resources estimates for the Hibernian deposit at Mt Egerton referred to in this presentation 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 Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement. The Competent Person responsible for reporting of those Mineral Resource estimates was Mr Brian Fitzpatrick.

