

# GASCOYNE RESOURCES LIMITED



Dalgaranga A Near Term +100,000 ozpa  
Low Cost and High Margin Gold Project  
in Western Australia

**Moving Towards Production**

Sydney Mining Club Presentation September 2017

# Disclaimer & Competent Persons Statement

This presentation contains forward looking statements. Forward looking statements are often, but not always, identified by the use of words such as "seek", "target", "anticipate", "forecast", "believe", "plan", "estimate", "expect" and "intend" and statements that an event or result "may", "will", "should", "could" or "might" occur or be achieved and other similar expressions. Indications of, and guidance on, future expected production or earnings and financial position and performance are also forward looking statements. The forward looking statements in this presentation are based on current expectations, estimates, assumptions, forecasts and projections about Gascoyne and the industry in which it operates as well as other factors that management believes to be relevant and reasonable in the circumstances at the date such statements are made, but which may prove to be incorrect. The forward looking statements relate to future matters and are subject to various inherent risks and uncertainties. Many known and unknown factors could cause actual events or results to differ materially from the estimated or anticipated events or results expressed or implied by any forward looking statements. Such factors include, among others, changes in market conditions, future prices of gold and exchange rate movements, the actual results of production, development and/or exploration activities, variations in grade or recovery rates, plant and/or equipment failure and the possibility of cost overruns. Neither Gascoyne, its related bodies corporate nor any of their directors, officers, employees, agents or contractors makes any representation or warranty (either express or implied) as to the accuracy, correctness, completeness, adequacy, reliability or likelihood of fulfilment of any forward looking statement, or any events or results expressed or implied in any forward looking statement, except to the extent required by law.

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Information in this presentation 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 & 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.

All references to dollars, cents or \$ in this presentation are to AUS\$ currency, Where US\$ are stated FX exchange rate of A\$/US\$ rate of 75c is used.

# Competent Persons Statement & Forward Looking Statements

The Dalgaranga and 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 7th August 2017 titled "Sly Fox Resource and Exploration Update" and 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 Dalgaranga Ore Reserve has been estimated by Mr Harry Warries, an employee of Mining Focus Consultants 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 21st June 2017 titled "Dalgaranga Gold Project – Development Update"). 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 Ore Reserves 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 to the JORC 2012 guidelines. This new JORC 2012 resource, reported above, will form the basis for any future studies.

## Production Targets:

Production Targets outlined in this presentation are based 100% on Measured, Indicated and Inferred Mineral Resources and Proved and Probable Ore Reserves, No Exploration target or exploration upside has been incorporated.

Dalgaranga Project: The Production Target is based on 94.4 % Ore Reserves (Proved and Probable) and 5.6% Inferred Resources. There is a lower 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 Inferred Mineral Resources will add to the economics of the project. The first 6 years of the project's life is underpinned by this Ore Reserve, the last year of production is based on Inferred Resources, inclusion of these Inferred Mineral Resources does not substantially change the financial outcome or alter the viability of the project. There has historically been very good conversion of Inferred Resources into Indicated Resources as the structures and geological units that host the mineralisation at Dalgaranga can be traced along strike and at depth. Currently the drill density is too sparse to allow this material to be classified as Indicated Resources. As a result there is no assurance that the economic evaluation outlined in this presentation will be realised.

All of the JORC (2012) modifying factors have been adequately addressed and are sufficiently well understood (evidenced by estimation of a Proved and Probable Ore Reserve), including securing long term tenure with the grant of the Mining Lease, environmental baseline studies, mining studies, metallurgical studies, geochemical studies, tailings disposal studies, engineering studies including capital and operating cost estimates and hydrogeological studies all having been completed on the project.

The company confirms that the form and context in which the Competent Person's findings are presented have not materially modified from the original announcement.

Glenburgh Project: Glenburgh PFS was prepared and first disclosed under the JORC Code 2004 (the resource has now been updated to conform with the JORC 2012 guidelines). The Production Target is based on the JORC (2004) Resource (released to the ASX on April 29th 2013) which formed the basis for the preliminary Feasibility Study and was classified as Indicated and Inferred and as a result, was 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. The Production Target is based on 70% Measured and Indicated Resources and 30% Inferred Resources. There is a lower 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 Inferred Mineral Resources will add to the economics of the project. However, there has historically been very good conversion of Inferred Resources into Measured and Indicated Resources as the structures and geological units that host the mineralisation at Glenburgh can be traced along strike and at depth. As a result there is no assurance that the economic evaluation outlined in this presentation will be realised. All of the JORC (2004) modifying factors have been adequately addressed and are sufficiently well understood to allow the completion of a PFS. An Ore Reserve has not been estimated for the Glenburgh Project. The JORC 2012 Glenburgh Mineral Resource estimate (outlined in this presentation), will form the basis for PFS update which is underway.

# Near-Term High Margin Western Australian Gold Producer

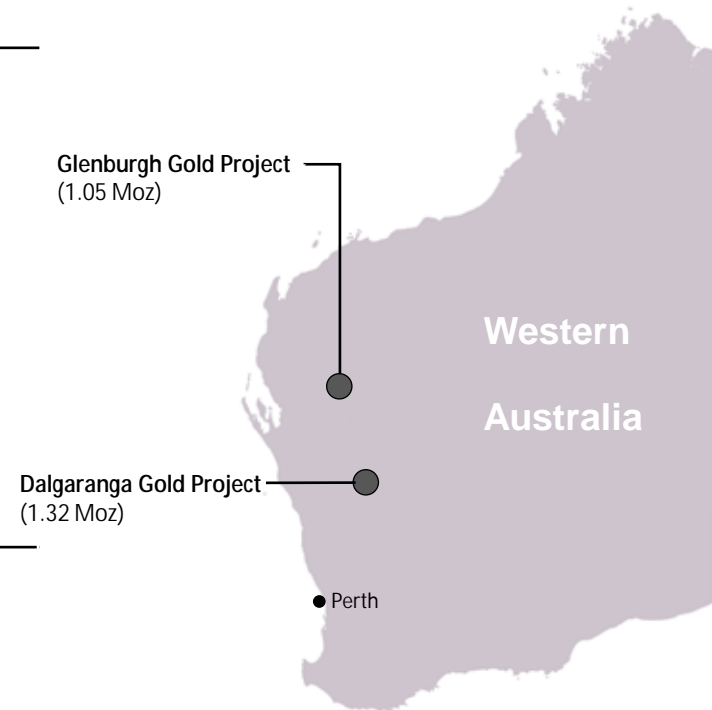
## *2.4 Moz of Gold Resource Base in Western Australia*

### Dalgaranga – Western Australia's Next Open Cut Gold Mine

- Near-term High Margin Open Cut Mine
- First gold scheduled for Q2 CY18 – On Schedule and on Budget
- +1.32Moz Resource and Growing
- Dalgaranga FS completed, Low Cost / High Margin
- **Construction Underway**
  - +120,000ozpa yrs. 1&2
  - LOM AISC ~A\$1,000/oz (~US\$700)
  - Initial +6 year life of mine
- Proved and Probable Ore Reserve of 581,000oz (Update is Underway)
- **Significant upside potential on a number of fronts**

### Glenburgh - Second Development Project

- **Clear Pathway towards +200,000ozpa** through organic growth
- 1.05Moz Resource
- Development to be funded through cashflow from Dalgaranga
- Massive Exploration Upside <30% of mineralised Trends tested

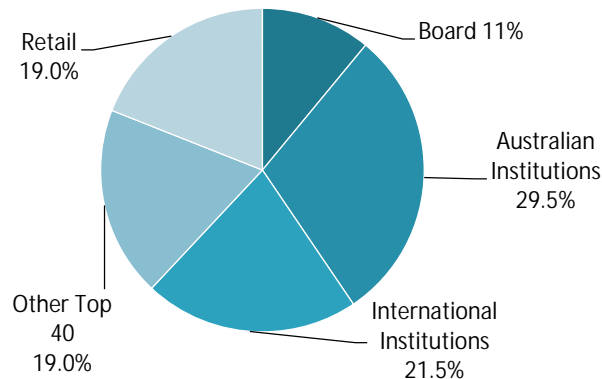


# Corporate Snapshot

## Capital Structure

Shares on issue	377 million
Options on issue (unlisted)	7.85 million
Market Capitalisation (at \$0.50)	\$190 million
Cash (June 2017)	\$42 million
Debt (Commitment Letters Received)	Nil
Enterprise Value	\$150 million

## Major Shareholders



## Research Coverage



## Share Price



## Board & Management

### Board

Mike Joyce (Chairman)

Non Executive Directors:

John den Dryver

Stan Macdonald

Mike Dunbar (Managing Director)

Gordon Dunbar

Sally-Anne Layman

Graham Riley

### Senior Management

Development Manager - Ian Kerr

Registered Manager – Peter Sperring

Exploration Manager – Karl Weber

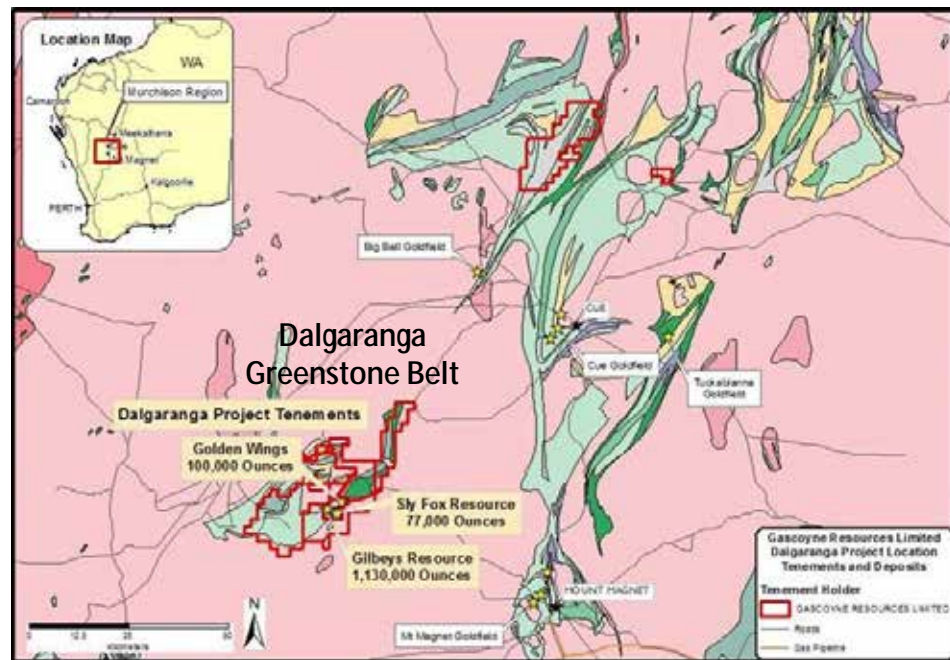
Chief Geologist - Julian Goldsworthy

CFO - David Lim

# Dalgaranga Project – Developing a +1.3 Moz Resource

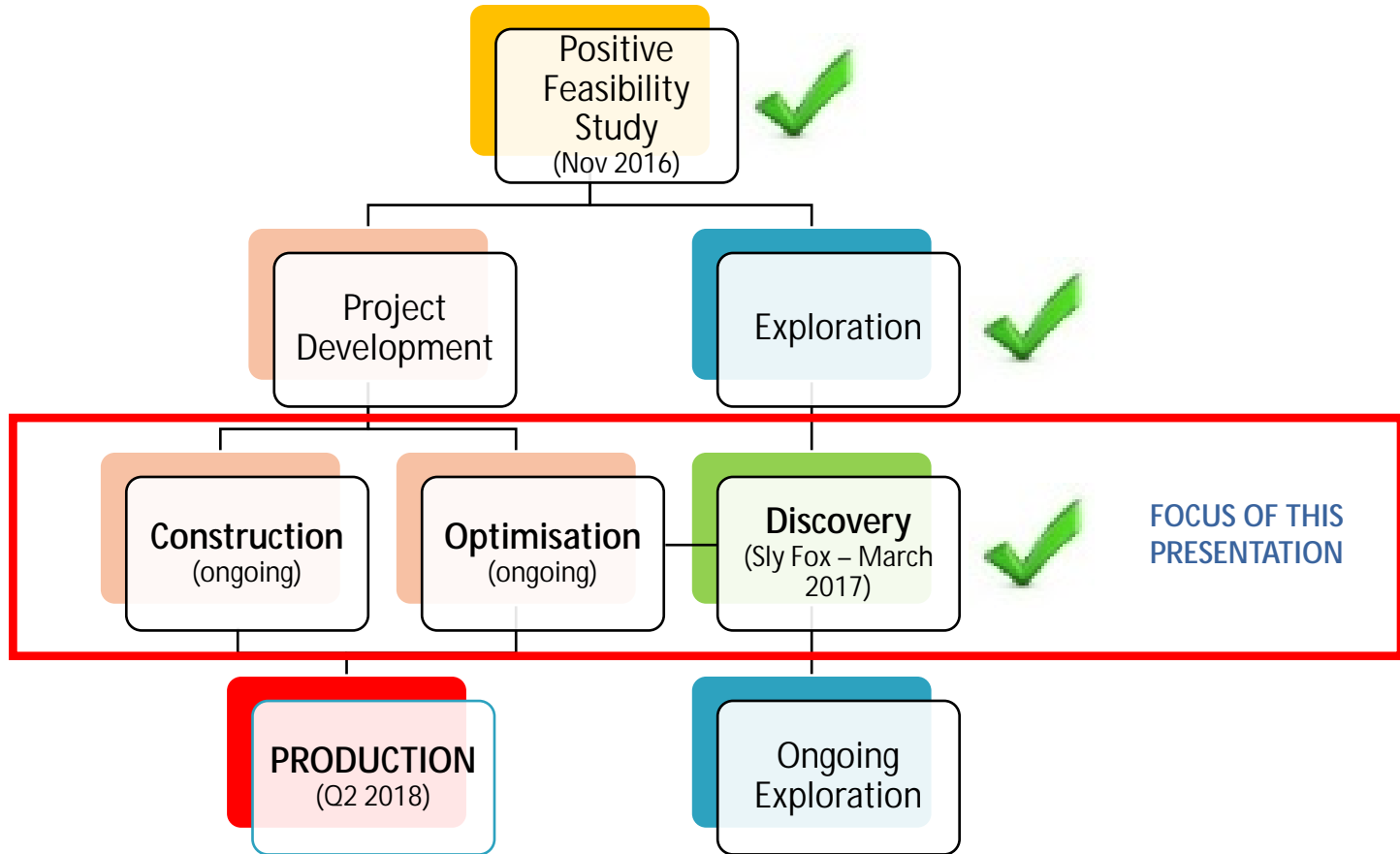
## *A Robust, Low Cost, High Margin Project*

- 100% owned with a resource of 1.32 Moz and Growing
- ~90% of the Entire Greenstone Belt controlled by GCY
- Granted Mining Lease
- No environmental issues identified
- Feasibility completed
  - A simple, low cost / high margin +100,000ozpa project for 6 years
- 623,000 ounces in the current mine plan\*,
- Proved and Probable Reserve of 581,000oz using US\$1,140/oz gold price

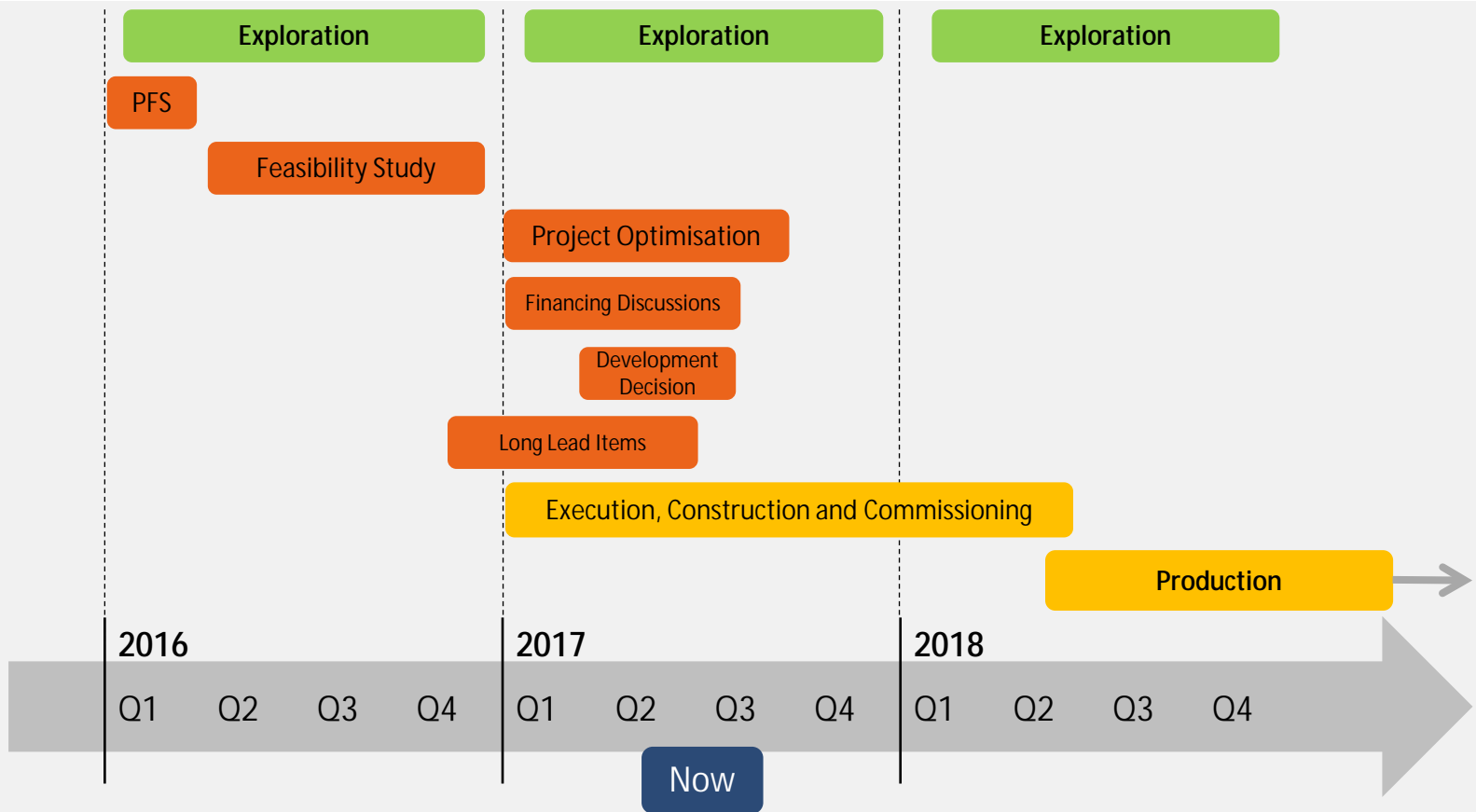


\* - The current mine plan includes 94.4% Ore Reserve and 5.6% Inferred Mineral Resources. Inferred Mineral Resources are by definition lower confidence resources and it is uncertain if with further evaluation these resources will convert into Indicated allowing conversion to an Ore Reserve. See Slide 25 for details of the Ore Reserve and material within the current mine plan.

# DALGARANGA THE PATH FORWARD



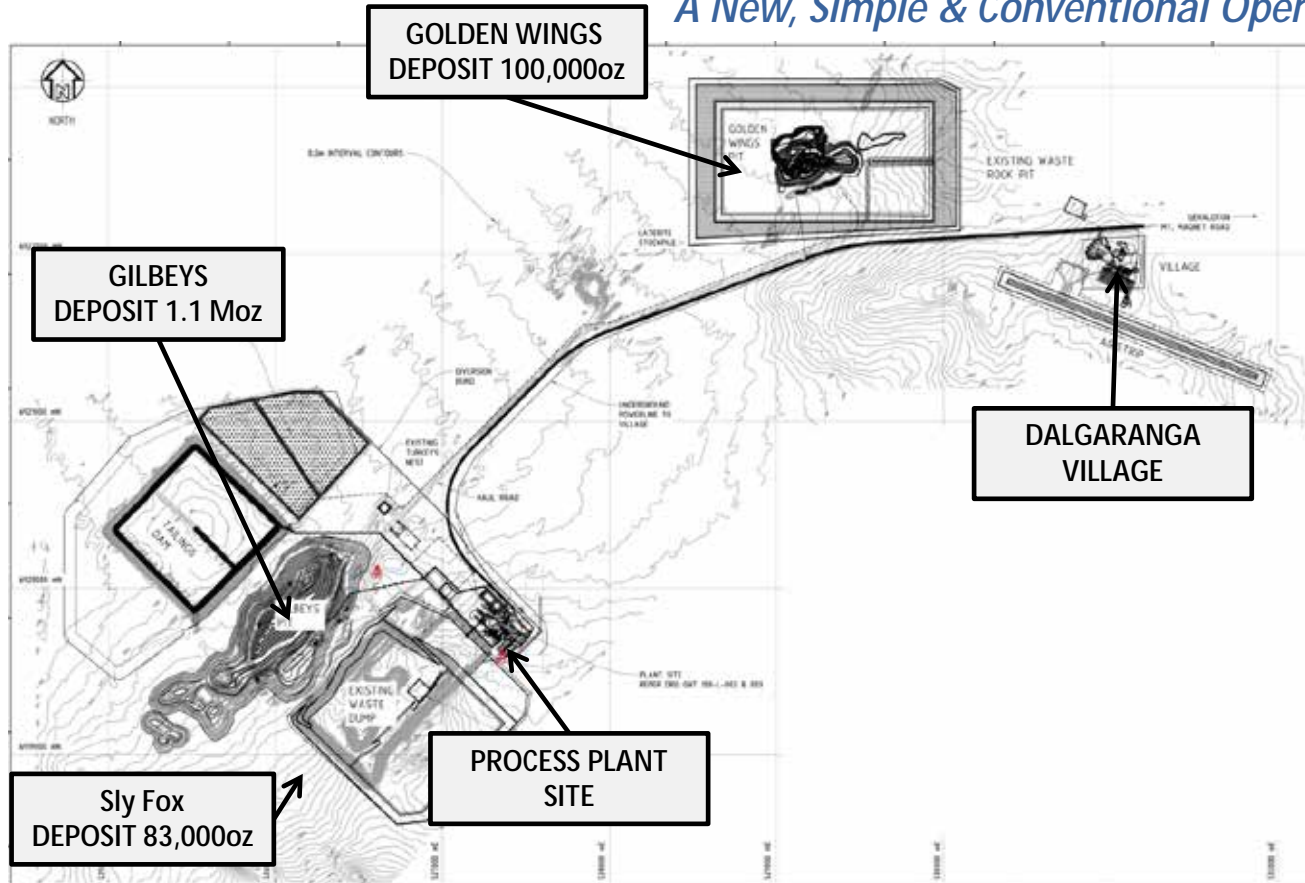
# Dalgaranga – Fast Track to Production





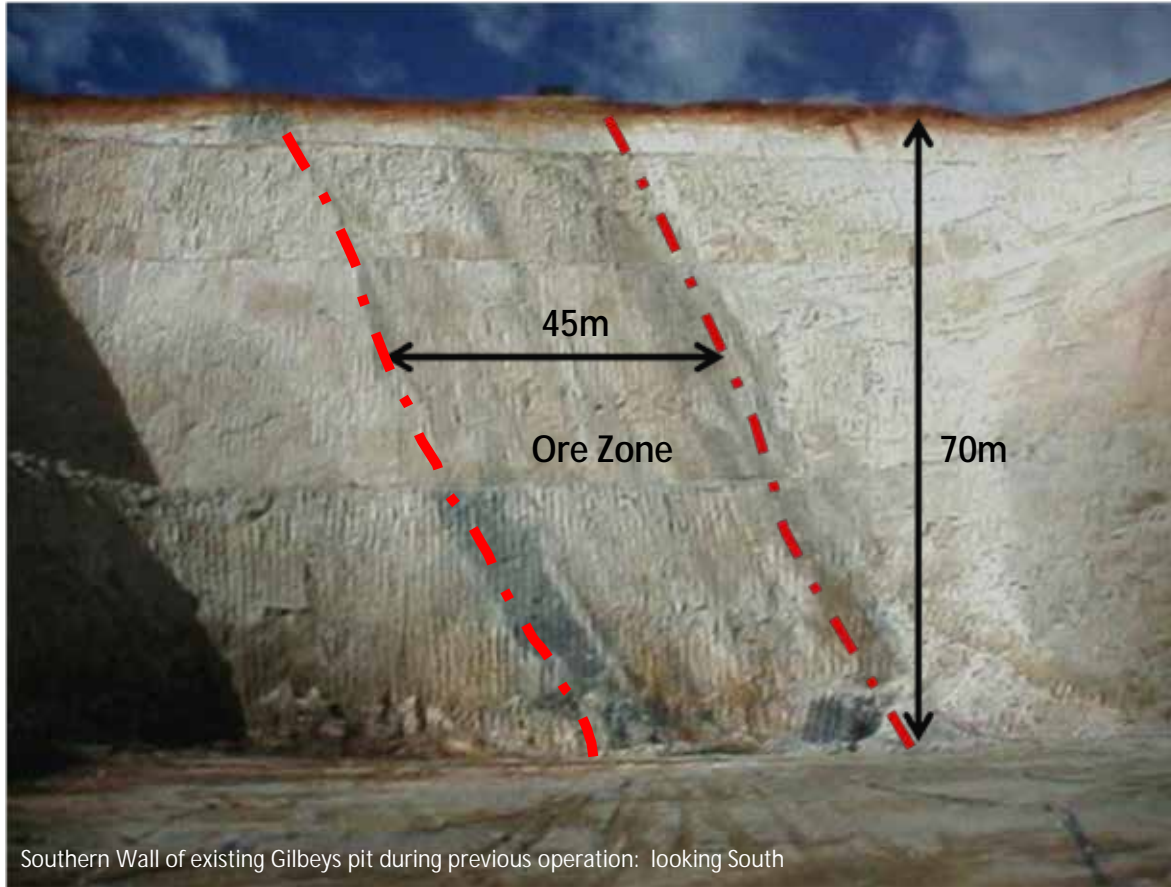
# Dalgaranga Project Overview

## *A New, Simple & Conventional Operation*



- Open Pits within 3.5 km
  - First Pit - the Higher Grade Golden Wings Deposit
  - Second Pit - the cutback of Gilbeys
  - A third pit at Sly Fox (not yet in mine plan)
- A New Processing plant

# Gilbeys Pit – Simple & Conventional

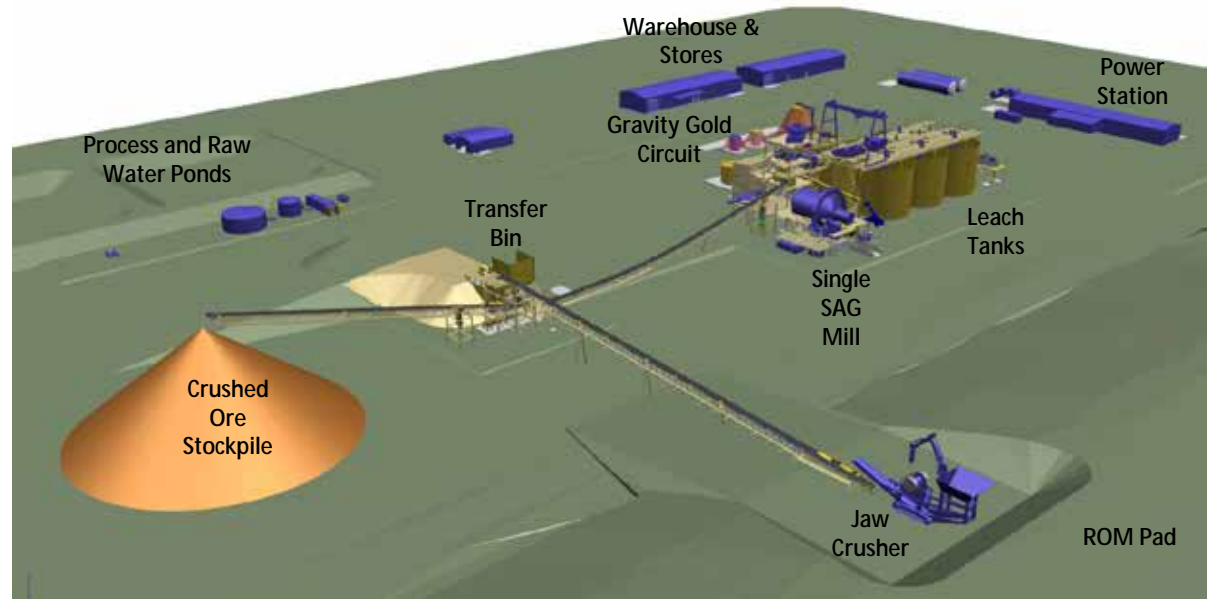


- Very Deep Weathering - Reduces Mining Costs
- Visual Ore Zones
- Bulk Mining – Reduces dilution & costs
- Excellent historical metallurgical recoveries (~95%)
- Soft Ore (Bond Work Index <10 for first 2.5 years) – reduces power requirements and costs

# A NEW Simple and Conventional Process Plant

## *Simplicity Reduces Costs*

- New 2.5Mtpa processing plant
- Designed for soft ore
- Same flowsheet as original plant which processed ore from the Gilbeys pit
- Single Jaw Crusher
- Single Stage SAG Mill
- High Gravity Gold Recovery
- Very Rapid Leaching
- Capable of +3.0Mtpa while Processing Oxide Ore



# Project Execution

- Experienced Team Employed
  - Ian Kerr – Development Manager
  - Peter Sperring – Dalgaranga Registered Manager
- Project Permitting Completed
- Design and Engineering of the 2.5Mtpa plant 75% Complete
- All Long Lead Items Purchased
- Village Construction Complete
- Bulk Earthworks Complete
- Evap Pond Construction Underway – Completion in September
- TSF Lift underway – Completion in October
- On Schedule & On Budget for First Gold in Q2 2018



Gold Pour from the Previous Operation



Dalgaranga Gold



# Project Construction – A few changes in the last 12 months



Executive Accommodation



Kitchen & Office

# Project Construction – 2017 Facilities

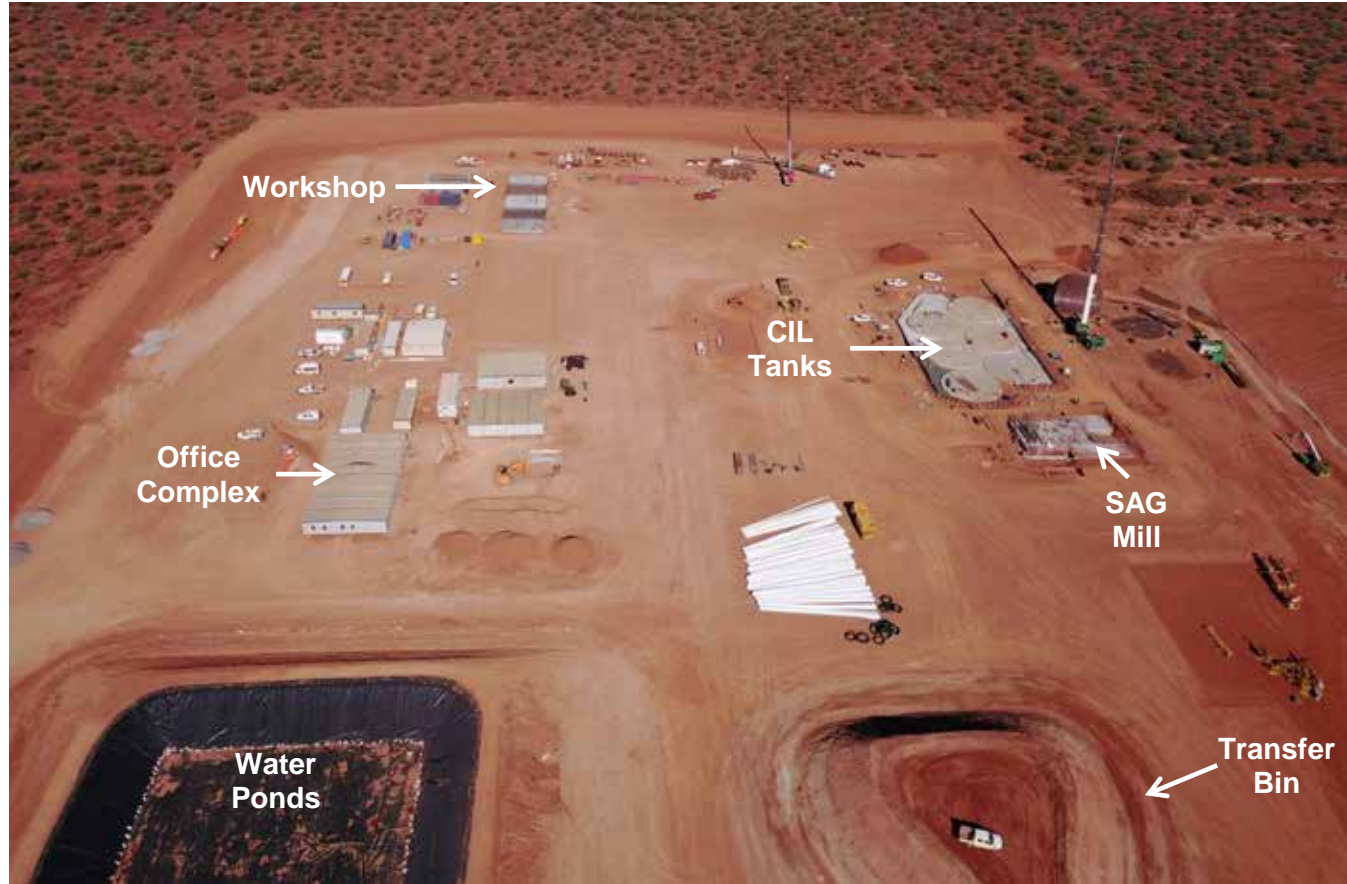




# Project Construction – Progress at End of July



# Project Construction – Progress at End of August





# Project Construction – Progress at End of August



SAG Mill and CIL Tank Foundations

# Project Construction – Progress at 5<sup>th</sup> September



Construction Progress

# Project Construction – Progress at 5<sup>th</sup> September



Evaporation Pond Construction



TSF Construction



# Project Construction – Progress at 5<sup>th</sup> September



Airstrip Clearing and Camp



Access Road and Pipeline Construction

# Project Optimisation

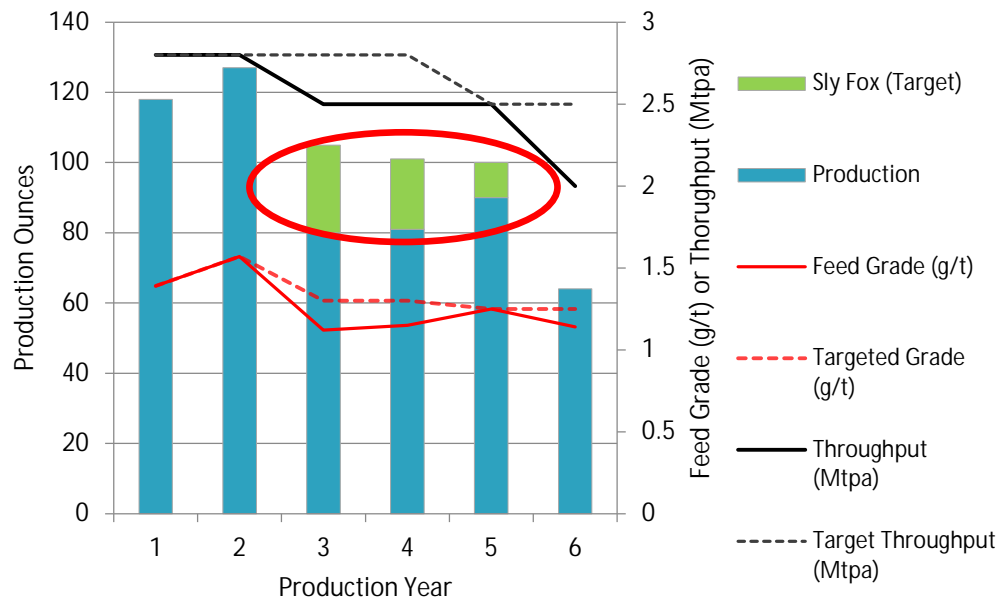
- Modelling since completion of the FS Indicates the Mill can Process +3.0Mtpa while Treating Soft Oxide and Transitional Ore
- 244,000oz of production within the first two years of Operation – Significant Early Cashflow Improvement
- Increased Ore Reserve of 581,000oz and 623,000oz in the current mine plan\*
- Ongoing Exploration Discovery – Sly Fox yet to be added to the Mine Schedule
- Construction Risk Reduced by moving to a Guaranteed Maximum Price Contract
- Adjustments to Flowsheet to Reduce Operational Risks
- Adjustments to Implementation Plan to Reduce Operational Risks

*\* - The current mine plan includes 94.4 % Ore Reserve and 5.6% Inferred Mineral Resources. Inferred Mineral Resources are by definition lower confidence resources and it is uncertain if with further evaluation these resources will convert into Indicated allowing conversion to an Ore Reserve. See Slide 25 for details of the Ore Reserve and material within the current mine plan.*

# Project Optimisation

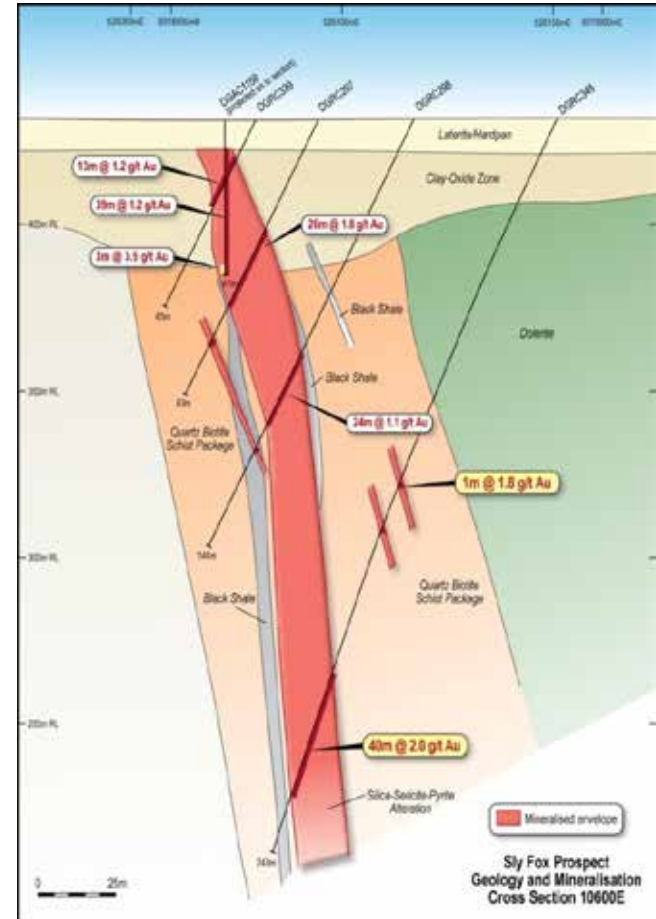
## *Production Upside Potential*

- DFS assumed 2.5Mtpa
- Mill can Treat >3.0Mtpa when processing Soft Ore
- FS mine plan did not include Gilbeys South or near-mine prospects
- Current Mine Plan shows production of 244,000oz in the first 2 years of operations (+120,000ozpa)
- Current Schedule EXCLUDES Sly Fox which is expected to improve years 3 & 4
- Numerous Regional Prospects yet to be properly evaluated – potential to increase years 5 onwards



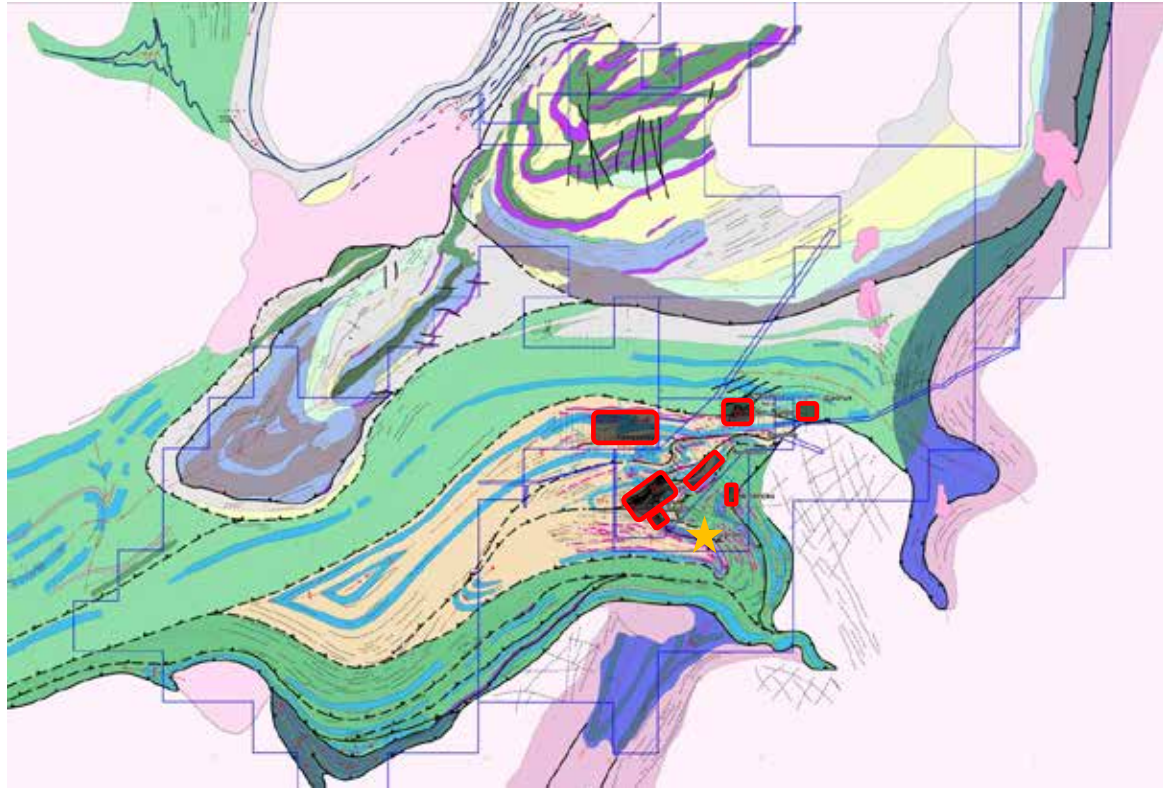
# Exploration Leads to Discovery - Sly Fox

- RC drilling results from Sly Fox confirm a significant gold discovery **less than 1,500m** from the Dalgaranga mill:
  - 40m @ 2.0 g/t gold, inc. 23m @ 2.5 g/t gold
  - 23m @ 1.6 g/t gold, inc. 11m @ 2.7 g/t gold
  - 30m @ 1.5 g/t gold, inc. 14m @ 2.6 g/t gold
  - 26m @ 1.8 g/t gold, inc. 15m @ 2.4 g/t gold
  - 29m @ 1.1 g/t gold inc. 16m @ 1.5 g/t gold
- Metallurgical Testwork confirms excellent total recovery (up to 98%), with high Gravity Gold
- Maiden Resource within 3 months of discovery
- Geotechnical diamond drilling completed
- Initial Ore Reserve expected within the next month
- Expected to be scheduled early in the mine life



# Dalgaranga Project – Exceptional Regional Exploration Potential

- Growth in mine life targeted from several high priority targets
- Focused targets within **3.5 kms** of the plant site
- Gilbeys South and Sly Fox discovery added 200,000oz in 7 months
- Additional high priority targets include:
  - Hendricks (15m @ 1.5 g/t Au)
  - Caorunn (13m @ 1.1 g/t Au)
  - Gilbeys North (8m @ 4.9 g/t Au)
  - Tanqueray
  - Beefeater
  - Bombay
  - Seagrams (not yet drilled by GCY)
- 2017 & 2018 will see ongoing drilling across multiple regional targets

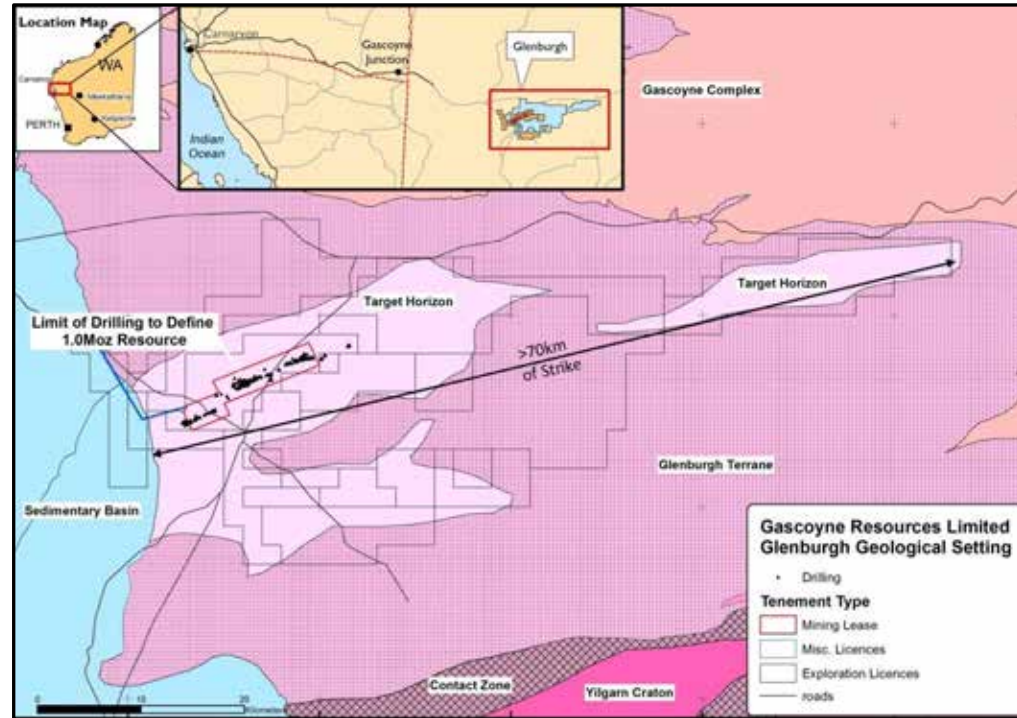




# Glenburgh Project

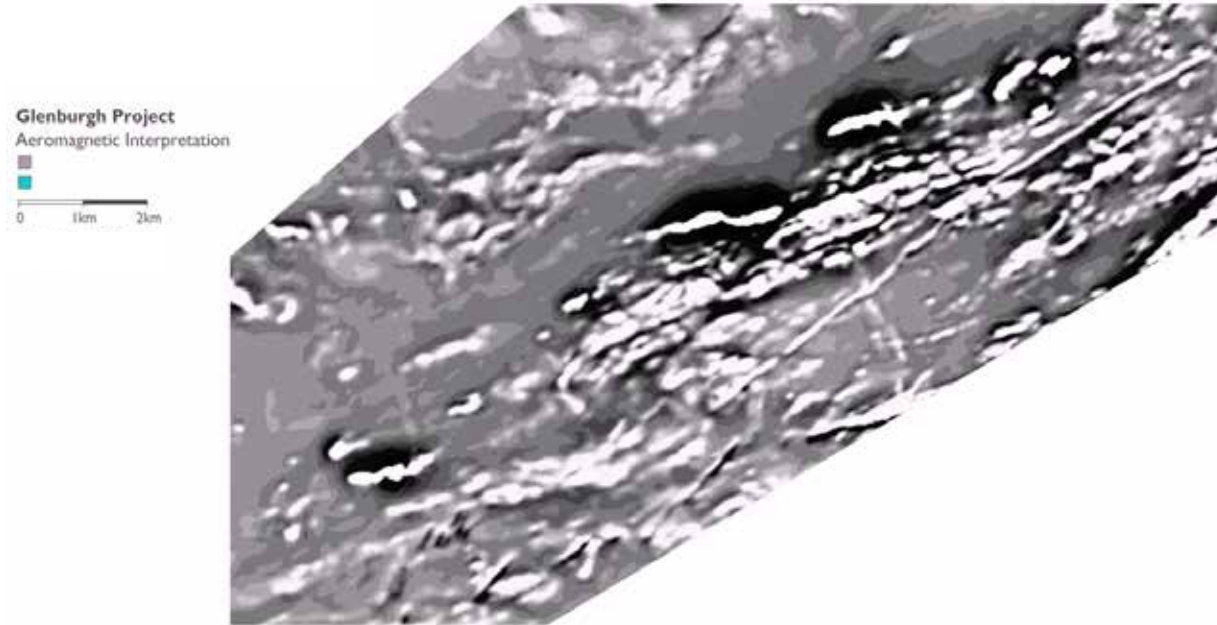
## *Excellent Organic Growth Project with +1.0 million oz Gold Resource...So Far*

- 100% owned and located in the Gascoyne region of Western Australia
- Gascoyne's 2nd near term development opportunity
- +1.0Moz gold resource so far
- Similar geological setting to the ~8Moz Tropicana Gold Mine
- Granted Mining Lease with Native Title agreement in place
- No Environmental issues identified
- Excellent Metallurgical recoveries using standard CIL process (+94%)
- Pre Feasibility Study completed (2013) – needs updating
- Ongoing exploration programme underway



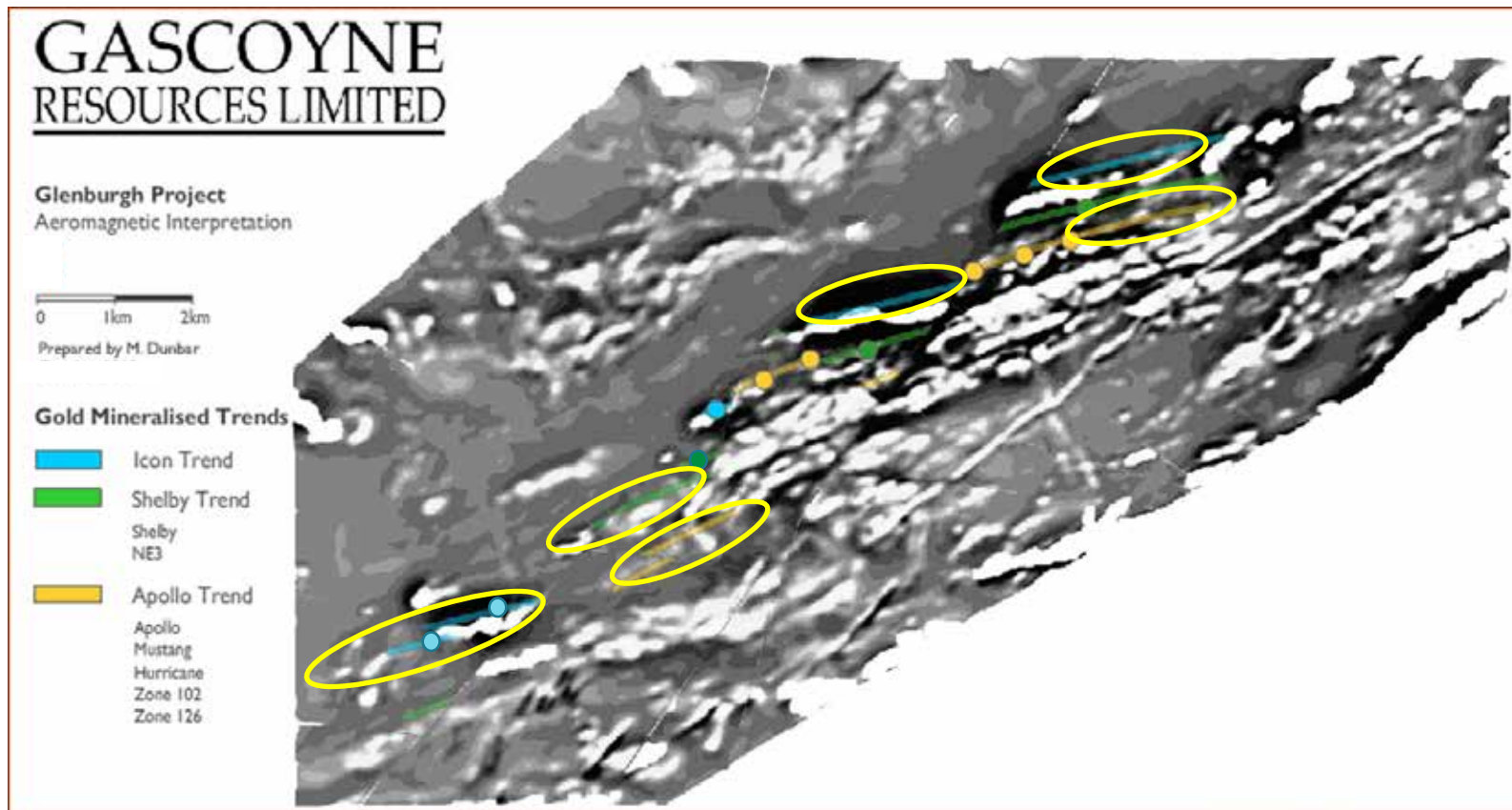
# Glenburgh Project – Aeromagnetic Reconstruction

*Unlocking the Geological History is the Key to Understanding Mineralisation*

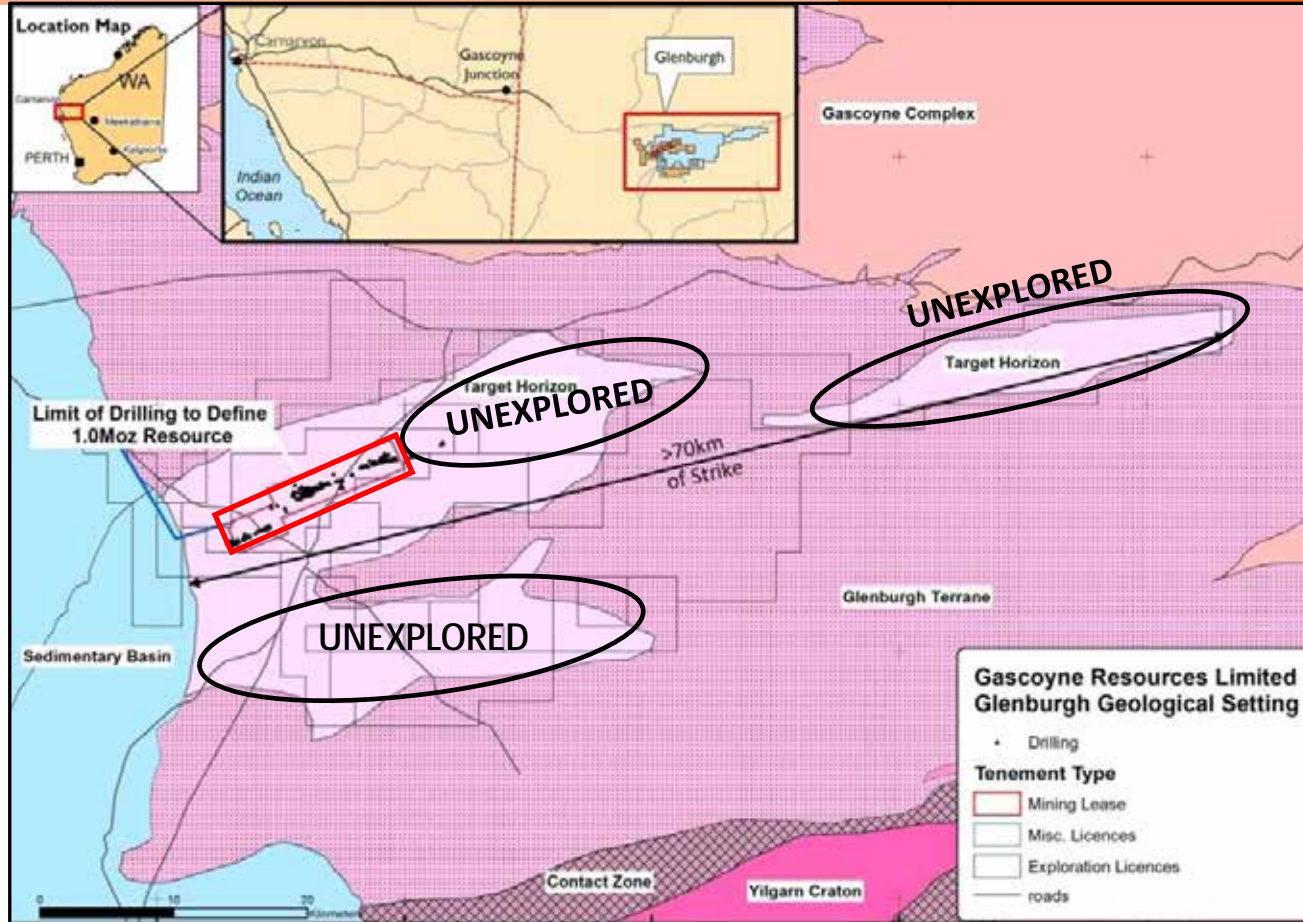


# Glenburgh Project – Aeromagnetic Reconstruction

*~ 30% of mineralised trends tested = 1.0 Moz*



# Glenburgh Project – Regional Targets





# Upcoming Newsflow

## Dalgaranga Project

### 2017

- Construction Updates
- Mandate of Banks & Final Investment Decision
- Initial Sly Fox Ore Reserve
- Revised Mine Plan (inc Sly Fox)
- Appointment of Power Supplier
- Appointment of Mining Contractor
- Exploration & Resource growth drilling

### 2018

- Commencement of production in Q2 2018
- Exploration & resource growth drilling

## Glenburgh Project

### 2017 & 2018

- Ongoing exploration & resource growth drilling
- Surface sampling
- Evaluation of regional targets
- Update the PFS Study



# Highlights

1

Dalgaranga is a Financially Robust Near Term Producer

High margin gold production through low-risk development of Dalgaranga Project:

- Simple 2.5mtpa open pit mining operation proposed
- ~100,000ozpa production over life of mine (~120,000ozpa in years 1 and 2)
- LOW AISC over initial 6 year life
- On Schedule and budget for Q2 2018

2

Potential to Double Production with Glenburgh

- Glenburgh Project provides a 2nd >1Moz Resource base
- **Dalgaranga + Glenburgh could produce ~200,000ozpa**
- Huge growth potential - similar setting to the 8Moz Tropicana Gold Mine
- 1Moz discovered to date with very limited exploration

3

Limited Australian Gold Development Opportunities

- **There are very few independent ASX listed gold developers**
- Gascoyne is set to be a low cost, new open cut mine offering scale of +120,000ozpa, in production in the next year

4

Strong Exploration Drive in 2017 & 2018

Significant ongoing exploration drilling at both Dalgaranga and Glenburgh

- Dalgaranga: Focus on near-mine opportunities to add mine life
- Glenburgh: 1Moz found already, only 30% of mineralised trends tested to date

5

Funding

- Enterprise value of circa A\$150 million provides strong equity upside relative to Producers & Peers
- Strong Cash Position following Equity portion of development Capital raised in March
- Credit approved commitment letters from Tier 1 Australian Banks for Debt Funding received – to be mandated shortly

# Questions?

An aerial photograph of an industrial facility, likely a gas processing plant, situated in a vast, flat, arid landscape under a sunset sky. The facility includes several large storage tanks, a complex of pipes, and a large rectangular structure that could be a solar panel array or a covered storage area. The surrounding terrain is covered in low-lying scrub vegetation. A dirt road or track leads towards the facility from the bottom left.

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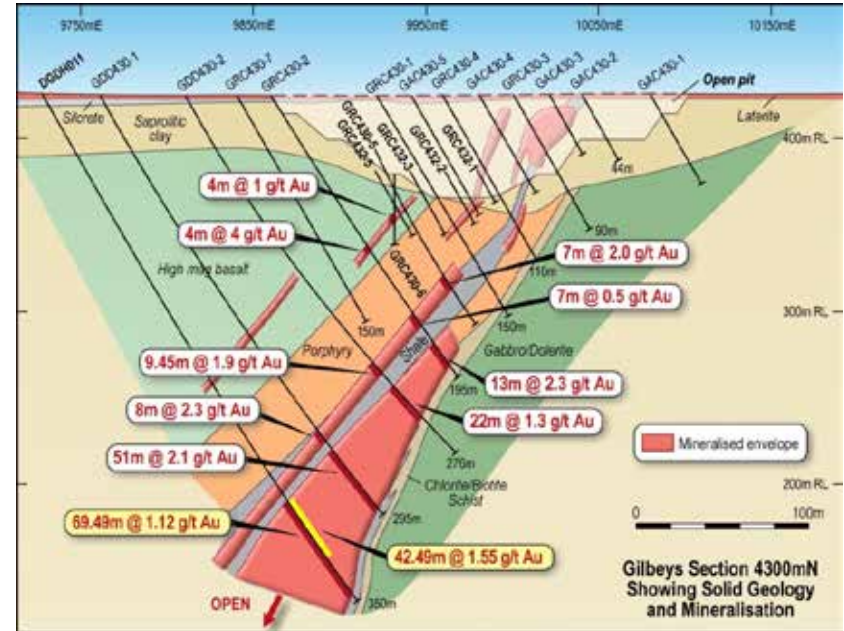
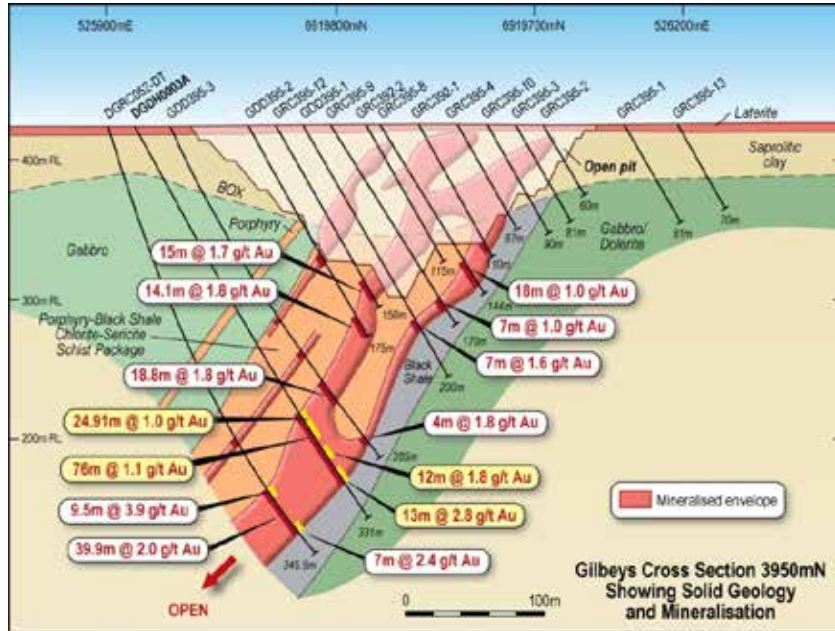
# Mineral Resource and Ore Reserve Summary

June 2017 Dalgaranga Global Mineral Resource Estimate (0.5g/t Gold Cut-off)												
Material Type	Measured			Indicated			Inferred			Total		
	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
Laterite				0.6	1.1	19,500	0.02	0.7	500	0.6	1.1	20,000
Oxide	0.2	1.59	8,000	1.8	1.6	91,000	0.9	1.4	40,000	2.8	1.5	139,000
Transitional	0.5	2.06	30,000	1.1	1.5	52,000	0.5	1.5	25,000	2.0	1.6	105,000
Fresh	2.2	1.36	94,000	12.5	1.3	503,000	11.0	1.3	445,000	25.7	1.3	1,043,000
Dalgaranga Total	2.8	1.49	133,000	15.9	1.3	676,500	12.4	1.3	510,500	31.1	1.3	1,320,000
Glenburgh Deposits - Area Summary: 2014 Mineral Resource Estimate (0.5g/t Gold Cut-off)												
Area	Measured			Indicated			Inferred			Total		
Central	2.6	1.8	150,000	3.2	1.3	137,000	8.4	1.2	329,000	14.2	1.3	616,000
North East	0.2	4.0	31,000	1.4	2.1	94,000	3.3	1.7	178,000	4.9	1.9	303,000
South West	-	-	-	-	-	-	2.2	1.2	84,000	2.2	1.2	84,000
Glenburgh Total	2.9	2.0	181,000	4.6	1.6	231,000	13.9	1.3	591,000	21.3	1.5	1,000,000
Glenburgh Deposits – High Grade Domains (+2.0g/t): 2014 Mineral Resource Estimate												
Central	0.31	4.8	48000	0.11	3.7	13000	0.35	2.6	29000	0.76	3.7	91000
North East	0.16	5.6	29100	0.60	3.5	68000	0.52	4.9	82000	1.30	4.3	179000
South West							0.03	2.3	2000	0.03	2.3	2000
Glenburgh Total HG	0.47	5.1	77,100	0.71	3.6	82,000	0.91	3.9	114,000	2.09	4.1	273,000
Egerton Gold Resource Inventory (+2.0g/t cutoff)												
Hibernian	32,100t	9.5	9,801	46,400t	5.3	7,841	37,800t	5.1	6,169	116,400t	6.4	23,811
Egerton Total	32,100t	9.5	9,801	46,400t	5.3	7,841	37,800t	5.1	6,169	116,400t	6.4	23,811

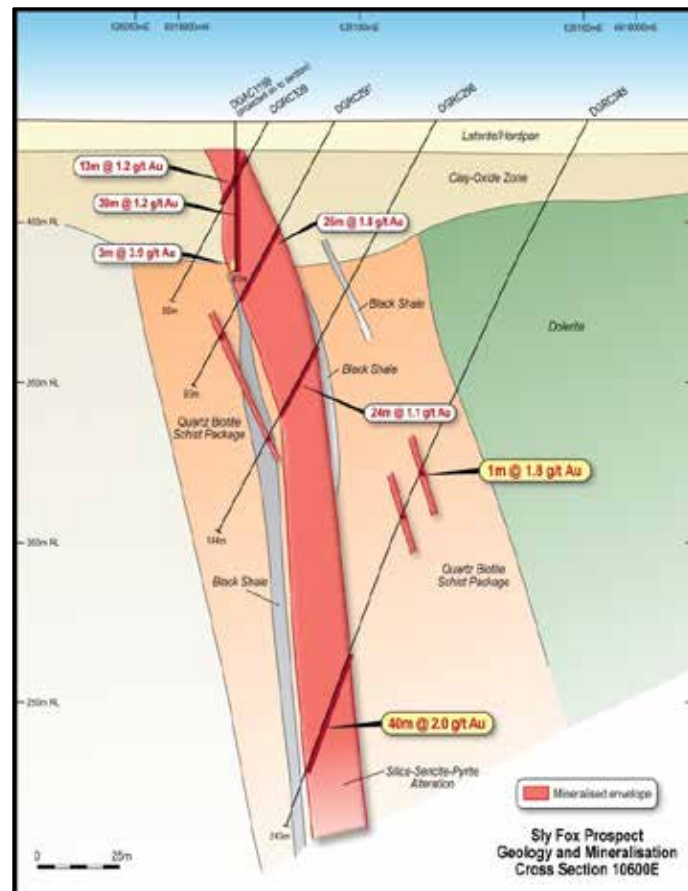
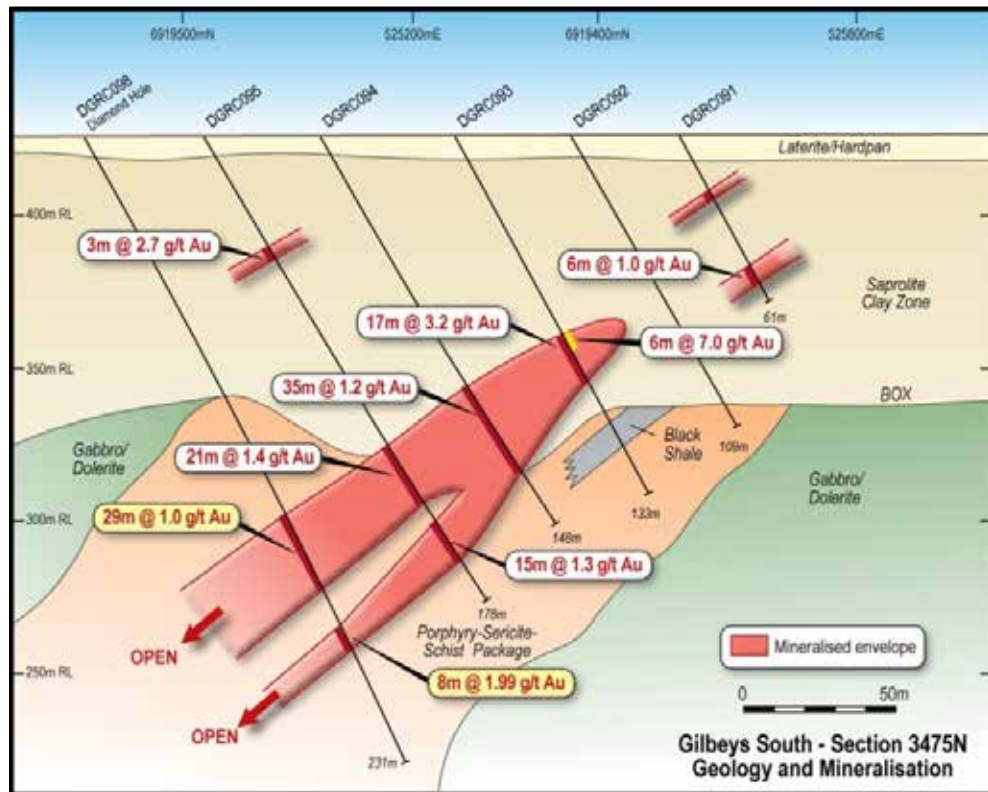
Dalgaranga Reserve Breakdown June 2016			
Ore Reserve Category	Tonnes (Mt)	Gold Grade (g/t)	Contained Gold Ounces
Proved	2.9	1.36	127,000
Probable	11.4	1.24	454,000
Total Ore Reserve	14.3	1.27	581,000



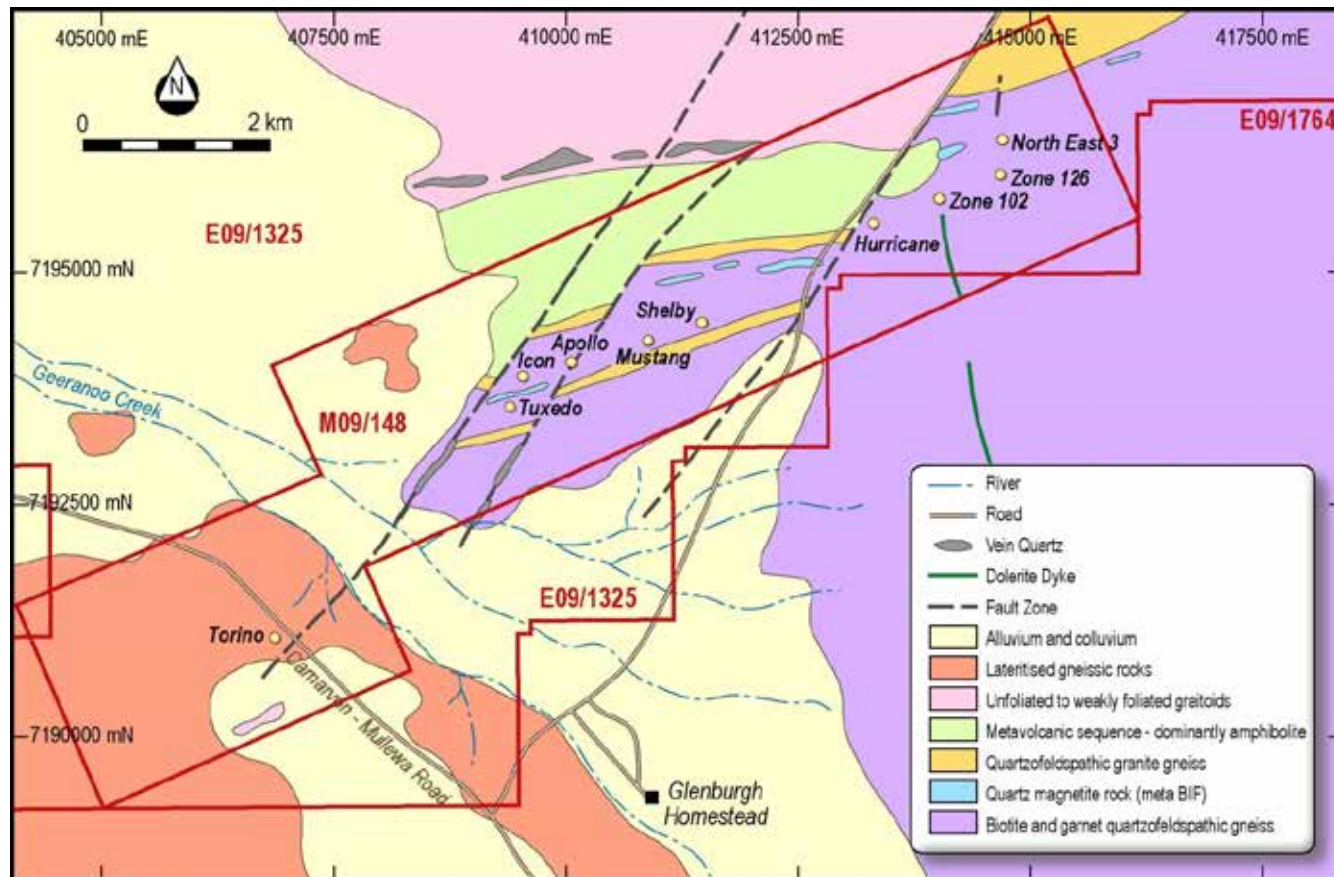
# Dalgaranga Project – Gilbeys Cross Sections



# Dalgaranga Project – Gilbeys South & Sly Fox Cross Sections

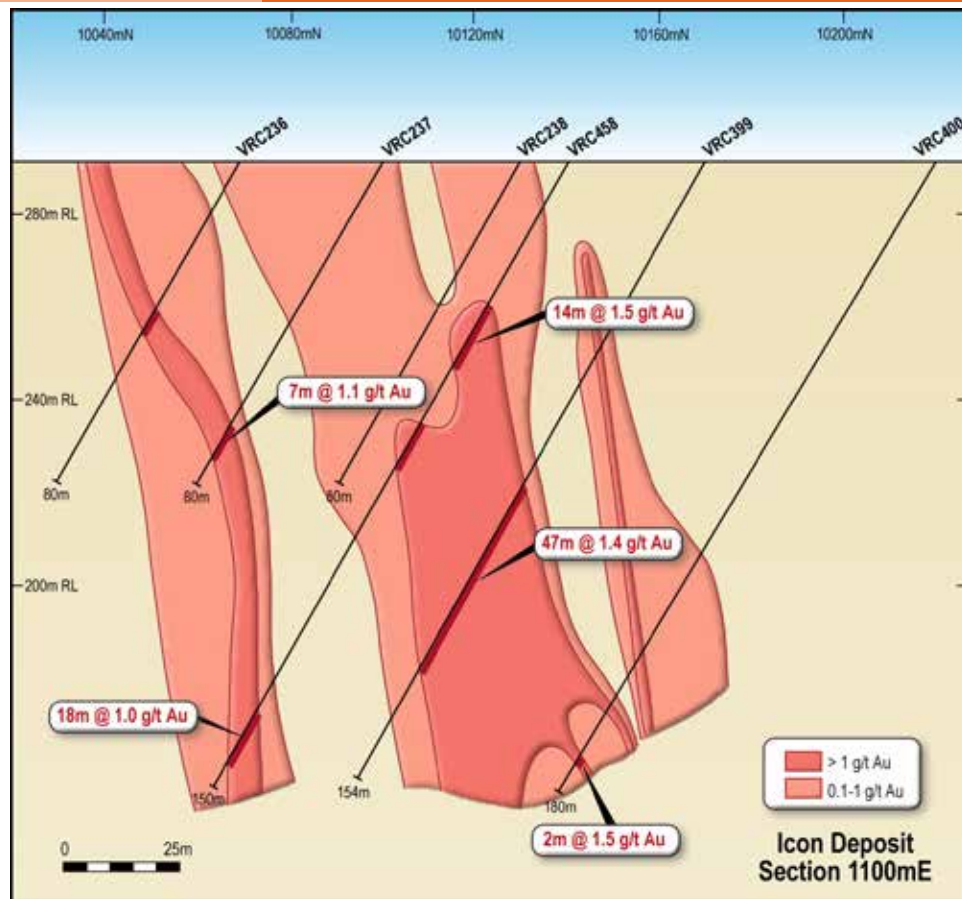
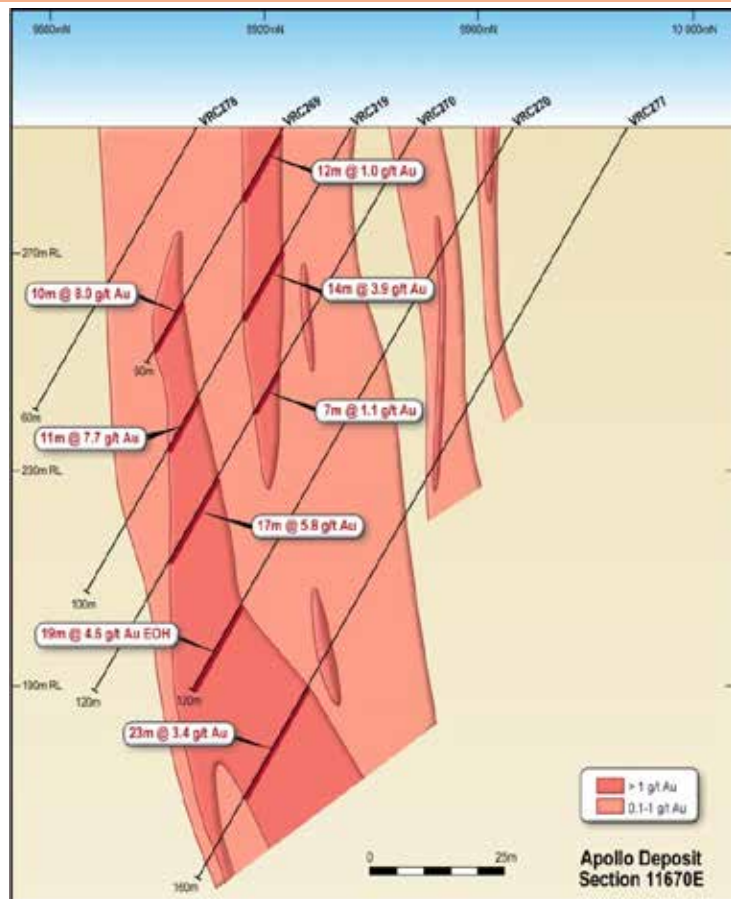


# Glenburgh Prospect Locations





# Glenburgh Cross Sections



# Zone 126 Cross Section and Long Section

