GASCOYNE RESOURCES LIMITED

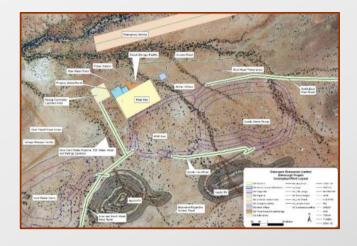
GR

Investor Presentation
July & August 2015



Discover v

Entering The Next Phase Of Value Generation



➤ De-risk v



> Develop

Ways to Increase Shareholder Value



Choose an Experienced Board and Management Team

- +180 years experience within the team
- built Giralia Resources from \$2M to ~\$ 900M Market cap prior to Atlas takeover
- Board and Management have substantial stakes (25%) aligned with shareholders
- been involved in the discovery and development of 10 + mines

Target the right commodity for the times

- •Mid 2000's Iron Ore demand driven boom
- Mid 2010's Australian Gold A Natural Hedge, High Margins (40-50%), Low technical risk, Ability to hedge fx and gold

Great Projects, Growing Resource Base

- GCY has added 1.6 MILLION OUNCES OF GOLD AT <\$10/OZ
- Advanced Projects at Glenburgh, Dalgaranga and Egerton

Progress towards Development & Production

- Detailed Scoping Study at Dalgaranga **COMPLETED.** Low cost/High Margin
- PFS at Glenburgh COMPLETED. High Margin development possible
- Mining Leases granted over both projects
- Permitting underway

Massive Exploration Potential

- •Glenburgh: MASSIVE exploration upside + 1,000 km² with less than 8% of target horizon tested to date.
- Dalgaranga: Dominant landholder in a fertile underexplored greenstone belt, +7 known prospects still to evaluate and <15% of the area previously tested

Corporate Snapshot



GCY – Ordinary Shares 178 Million

Unlisted Options 3.9 Million

(price 26c)

Share Price A 8.5c

Market Capitalisation ~A\$15M

Cash (June 2015) **A\$1.2M**

JORC Gold Resources 1,780,000oz

(Measured, Indicated and Inferred)

EV / Resource Ounce ~A\$ 7.5

BOARD OF DIRECTORS

Mike Joyce Non – Exec Chairman

Mike Dunbar Managing Director

Non Exec. Directors:

Graham Riley John den Dryver

Gordon Dunbar Stan Macdonald

MANAGEMENT TEAM

Julian Goldsworthy Geology Manager

Eva O'Malley Company Sec / CFO

Major ShareholdersBoard and Management~25 %JP Morgan Asset Mgt9.4 %Citi Corp Nominees7.1 %National Nominees6.6 %Yandal Investments1.3 %TOP 10+50 %TOP 30>72 %

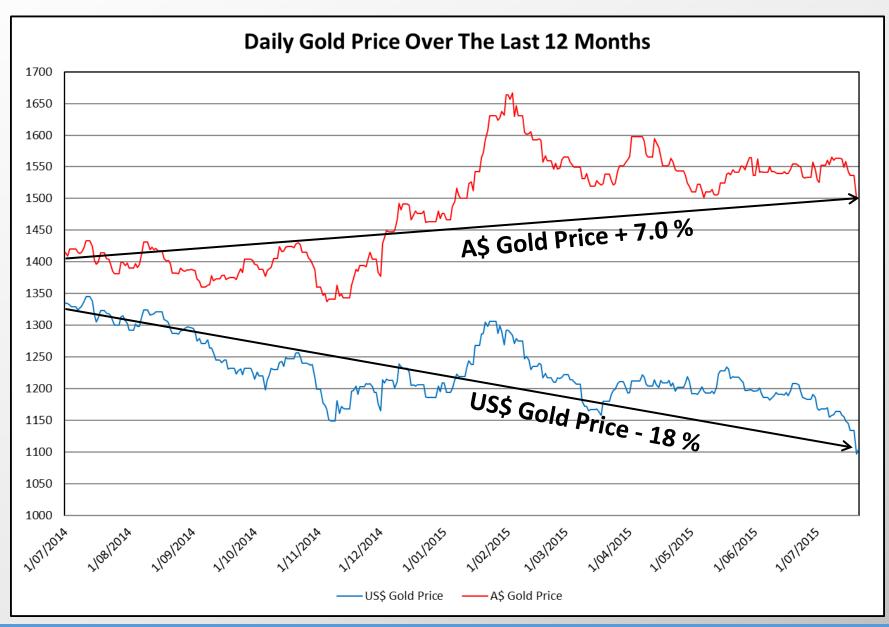
Gold - A High Margin Business



- The "go to" commodity in times of uncertainty
- ➤ Ability to add flexibility with Hedging of A\$ and Bullion
- Low Technical Risk
- No Marketing risks
- No Transport issues
- Little Infrastructure Needed

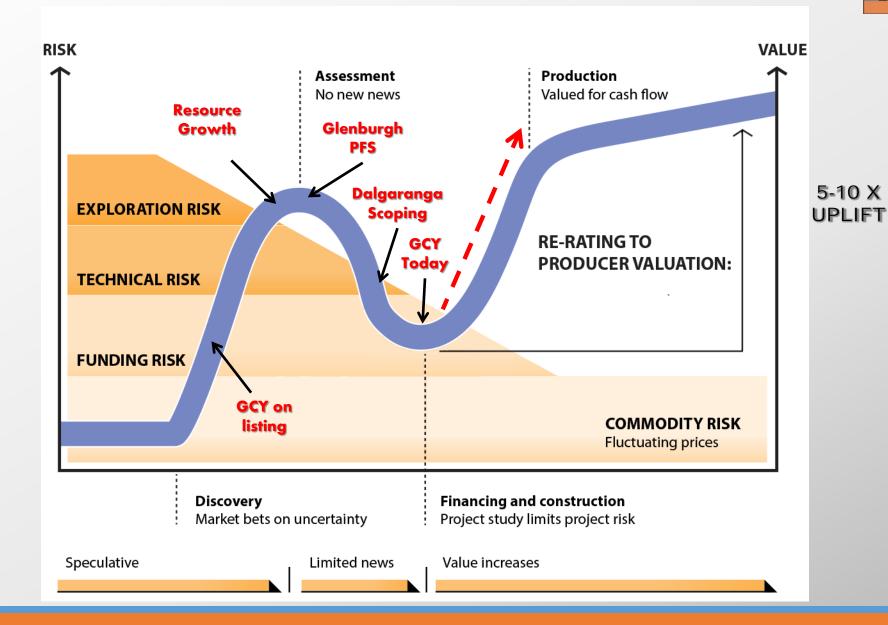






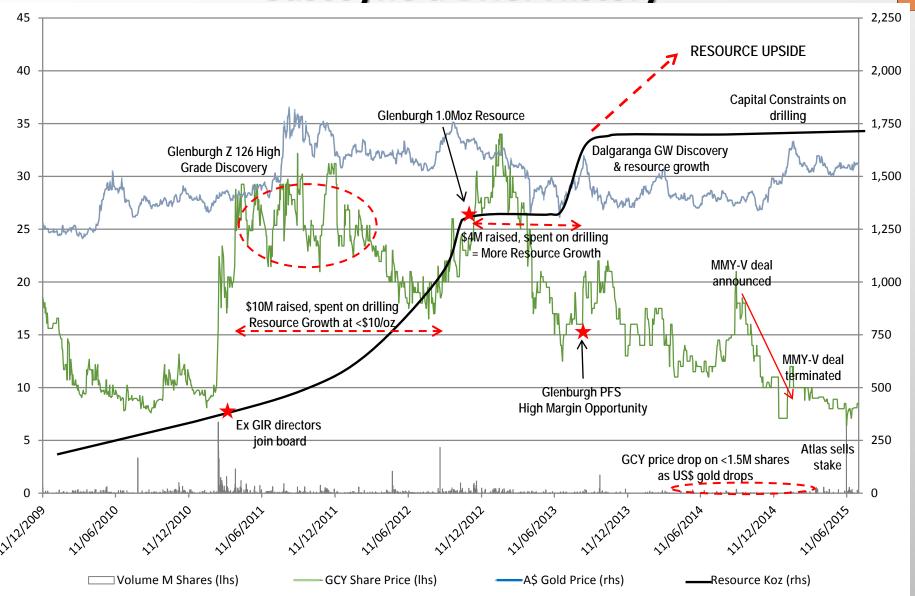
Project Life Cycle





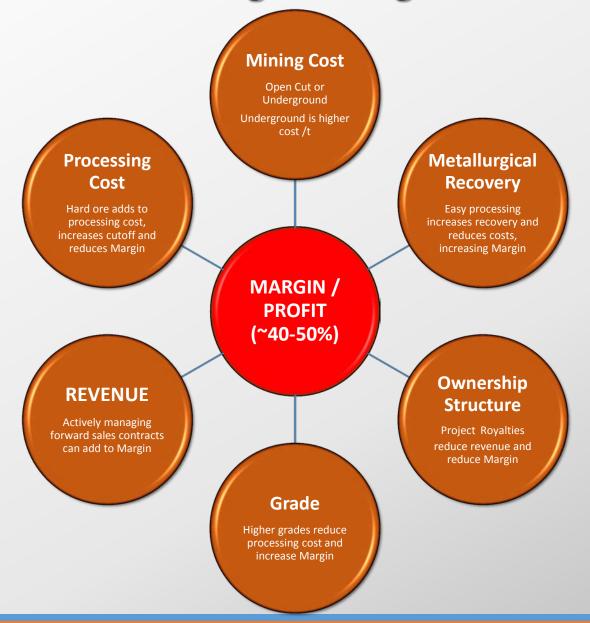
Gascoyne a Brief History





Margin is King





Margin Drivers at Gascoyne's Projects



Low Mining Costs

- Dalgaranga: Open Cut, Significant "free dig" reduces blasting costs, low strip ration (<7:1) √
- <u>Glenburgh:</u> predominantly open cut (small high grade underground at end of project), strip ratio ~8:1, greenfield project **√**

Low Processing Cost

- <u>Dalgaranga:</u> Very low power requirement, Very low reagents consumption, very soft ore √
- Glenburgh: Low reagent consumption, moderate hardness and moderate power requirements

Excellent Met. Recovery

- Dalgaranga: Very High recovery ~ 97%, high gravity gold (60%) √
- Glenburgh: Very High recovery ~ 95%, high gravity gold (50%) ✓

Margin Drivers at Gascoyne's Projects



Simple Ownership Structure

- <u>Dalgaranga:</u> 80% owned to completion of FS, then either 100% with 2% NSR royalty or 80:20 contributing, No native title royalty **√**
- Glenburgh: 100% owned, very modest native title royalty √

Above Average Grade

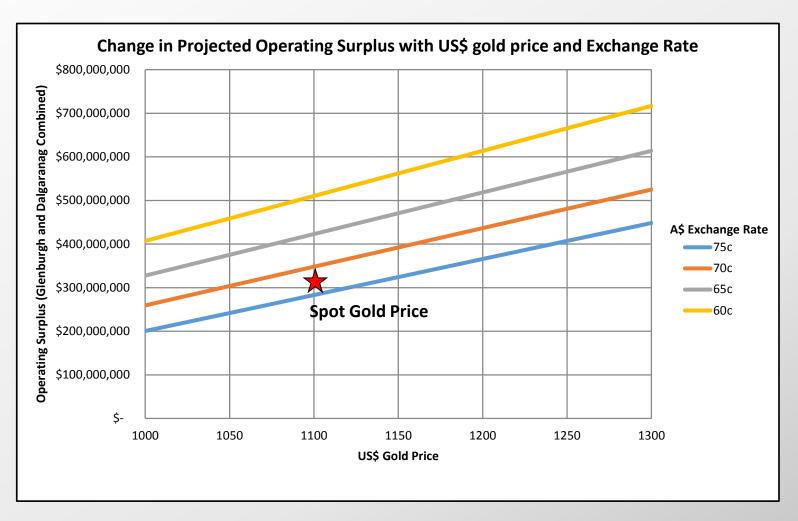
- <u>Dalgaranga:</u> moderate grade, very soft ore with low mining and processing costs. Initial Production Target: 7.5Mt @
 1.4 g/t gold for 330,000 ounces in two open pits √
- Glenburgh: moderate grade, supplemented by high grade underground ore (zone 126). Initial Production Target: 4.9Mt @ 2.0g/t gold for 316,000 ounces √

Strong Revenue

Current and projected A\$ gold price is strong and many predict further A\$ weakness and stronger A\$ gold price in the next 2-5 years – A natural hedge

A\$ Gold – A Natural Hedge





Cautionary Statement

The Company Advises that the projected operating surpluses for the Dalgaranga and Glenburgh Projects are based on a Scoping Study and PFS respectively, is based on lower-level technical and preliminary economic assessments, and is insufficient to support estimation of Ore Reserves at this stage or to provide assurance of an economic development case, or to provide certainty that the conclusions of the studies will be realised. The studies are based partly on Inferred Mineral Resources (being 25% for Dalgaranga and 30% for Glenburgh). 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 targets or preliminary economic assessment will be realised.

WWW.GASCOYNERESOURCES.COM.AU

Gascoyne's Advanced Projects



Dalgaranga Project 80% - 100%

- Measured, Indicated and Inferred Resource of 756,000oz on a Granted Mining Lease
- Detailed Scoping Study completed, 6-10 year mine life producing ~
 60koz pa at Cash Cost of \$813, NPV = \$100M
- Shallow high grade RC results include 16m@ 4.4 g/t to EOH, 17m @ 3.9 g/t, 6m @ 3.5 g/t, 5m @ 5.1 g/t & 21m @ 4.5 g/t Not in resource
- Dominant Land Position in a fertile underexplored greenstone belt

Glenburgh Project 100%

- MASSIVE exploration upside over 70km strike of greenfields discovery, less than 10% tested
- Measured, Indicated and Inferred Resource of over 1.0Moz on a Granted Mining Lease
- High grade core of 2.09Mt @ 4.1 g/t gold for 273,000 ounces
- PFS completed (2013), initial 4+ year mine life producing ~ 73koz pa at 2.0g/t, Cash costs \$913, NPV = \$80M

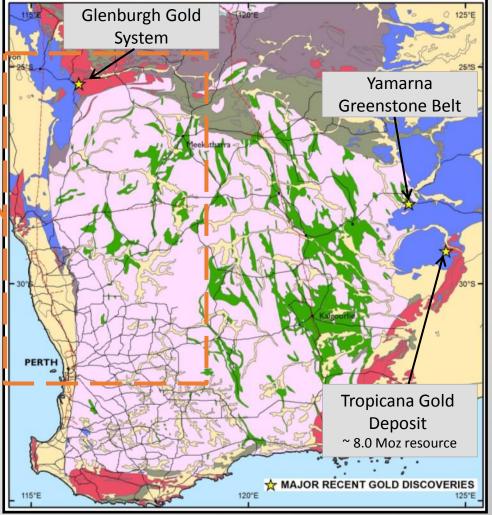
Egerton Project 100%

- High Grade Hibernian deposit (23,800 oz @ 6.4 g/t gold) on a Granted Mining Lease within trucking distance to Glenburgh
- Recent shallow RC drilling resulted in intersections up to 8m @ 11.4g/t gold
- Extensions identified to known deposits over 15km of strike



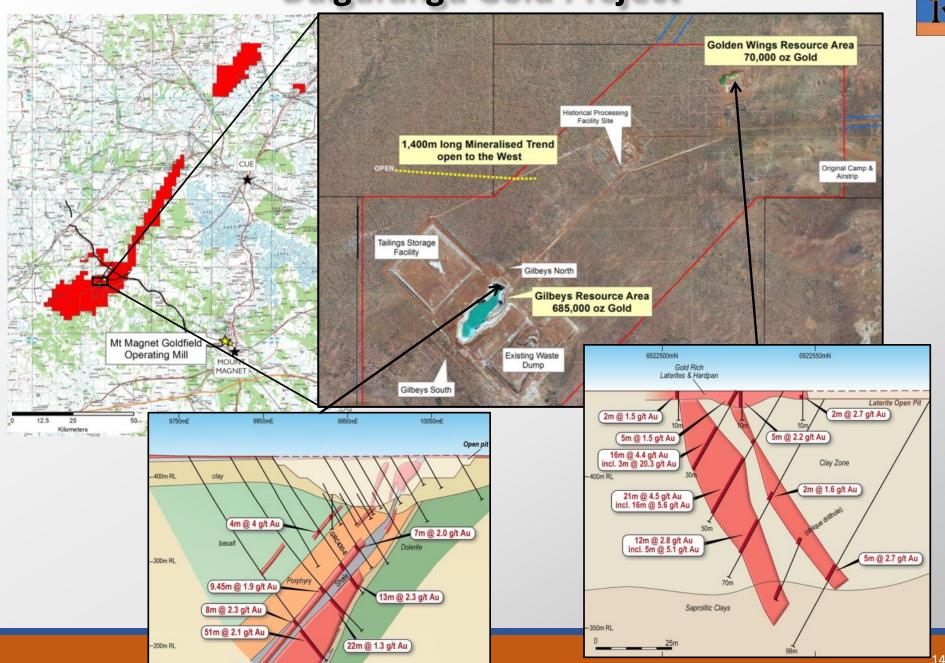
Project Locations





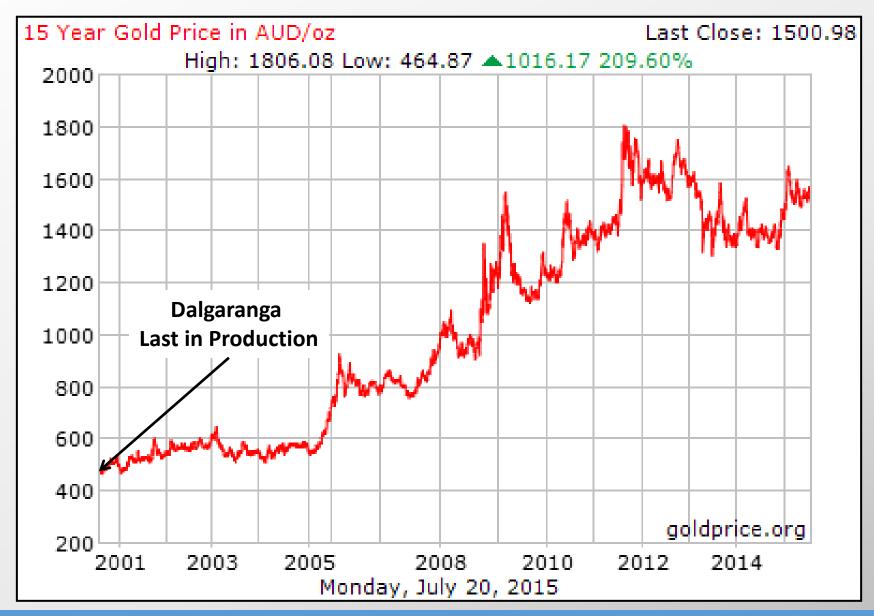
Dalgaranga Gold Project





15 Year A\$ Gold Price





Dalgaranga – Scoping Study

R

Completed in June 2015, On site processing plant and associated equipment the best development path

> Base Case:

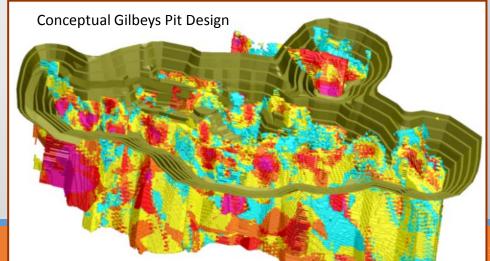
- Conservative pit optimisations & pit designs (using US\$1,050 & 75c fx)
- ➤ Production Target: 7.5Mt @ 1.4 g/t for 330,000oz contained gold for 60,000oz pa for ~6 years
- > 75% Classified as Indicated, 25% Inferred
- ➤ Low cost / high margin development
- Cash Cost \$813/oz, AISC \$1,025/oz, Operating Cashflow: \$183M, NPV8% \$100M, IRR 74%

Upside Case:

- ➤ US\$1,200 (75c fx) pit optimisations & pit designs
- > Production Target: 14.1Mt @ 1.3 g/t for 595,000oz contained gold for 60,000oz pa for 10 years
- Provides excellent leverage to expected future gold prices
- > Low Pre-Production Capitial Costs: \$37 million due to existing infrastructure

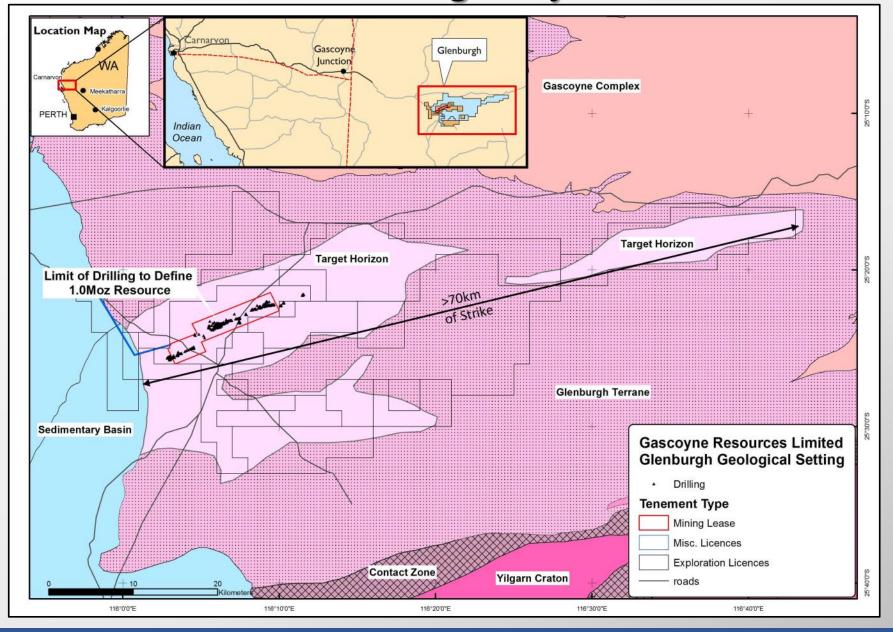
Cautionary Statement

The Company Advises that as announced on the ASX on the 23rd of June 2015, the Dalgaranga Scoping Study is based on lower-level technical and preliminary economic assessments, and is insufficient to support estimation of Ore Reserves or to provide assurance of an economic development case at this stage, or to provide certainty that the conclusions of the Scoping Study will be realised. The Production Target referred to in this report is partly based on Inferred Mineral Resources (being 25% for the Base Case and 48% for the Upside Case). 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 or preliminary economic assessment will be realised Financial analysis undertaken using US\$1,200 & 75c FX



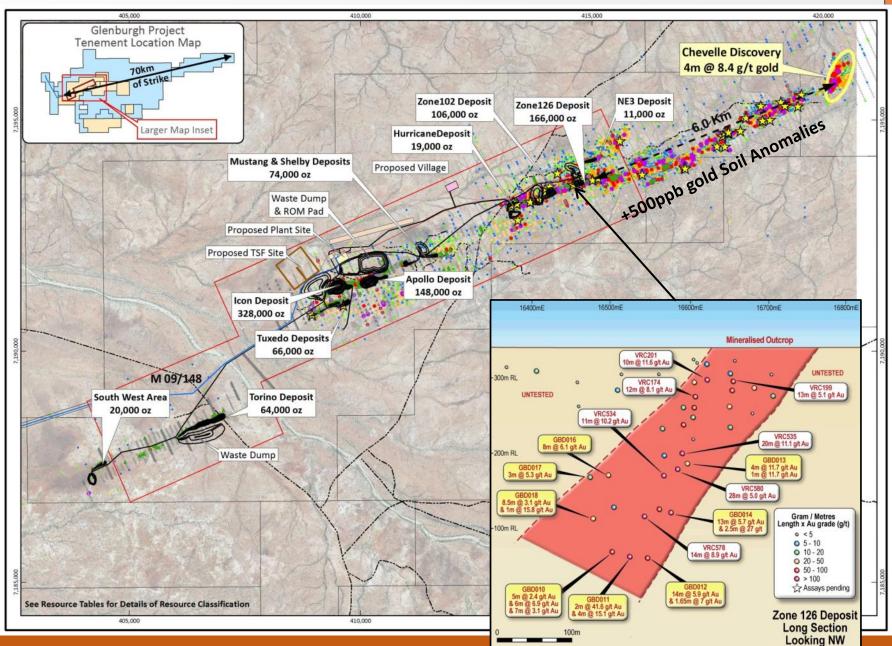
Glenburgh Project





Glenburgh - Site Layout





Glenburgh 2013 Preliminary Feasibility Study



- ➤ Initial Production Target: 4.9Mt @ 2.0g/t gold for 316,000 oz over 4+ years
- ➤ Operating Surplus ~ \$160 million
- ➤ LOM Revenue ~ \$448 million
- ➤ All in Sustaining Costs: A\$994/oz **High Margins**
- ➤ Capital Costs: A\$70.4 million including \$10 million working capital
- Production Target 73,000oz pa

Further improvements include:

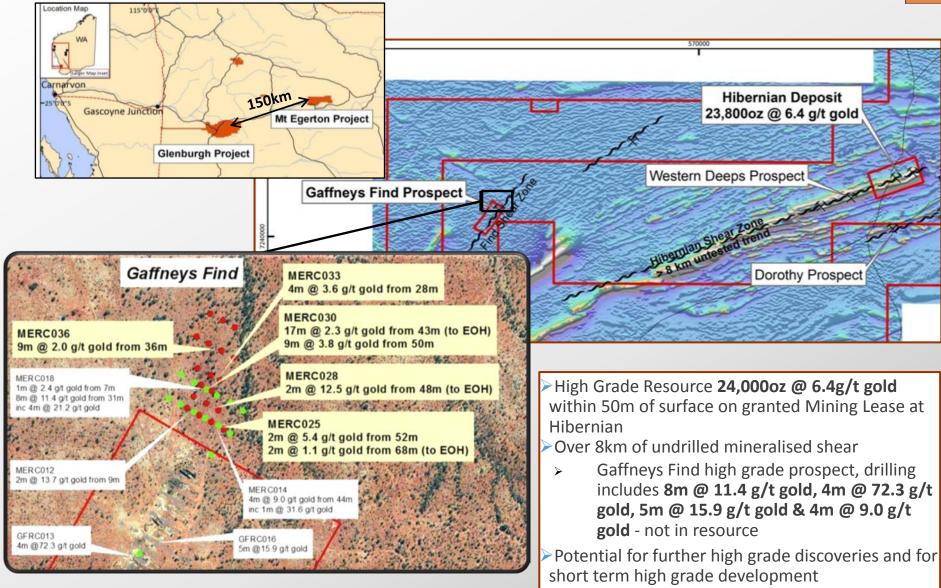
- ➤ Massive Exploration Upside >70km of strike less than 10% tested
- New Drill targets identified
- ➤ New mineralisation discovered 6km north east of known resources
- ➤ 15-20% reduction in power costs
- ➤ Capital cost savings
- ➤ Higher Grade Core defined 2.09Mt @ 4.1g/t gold within +1.0Moz resource

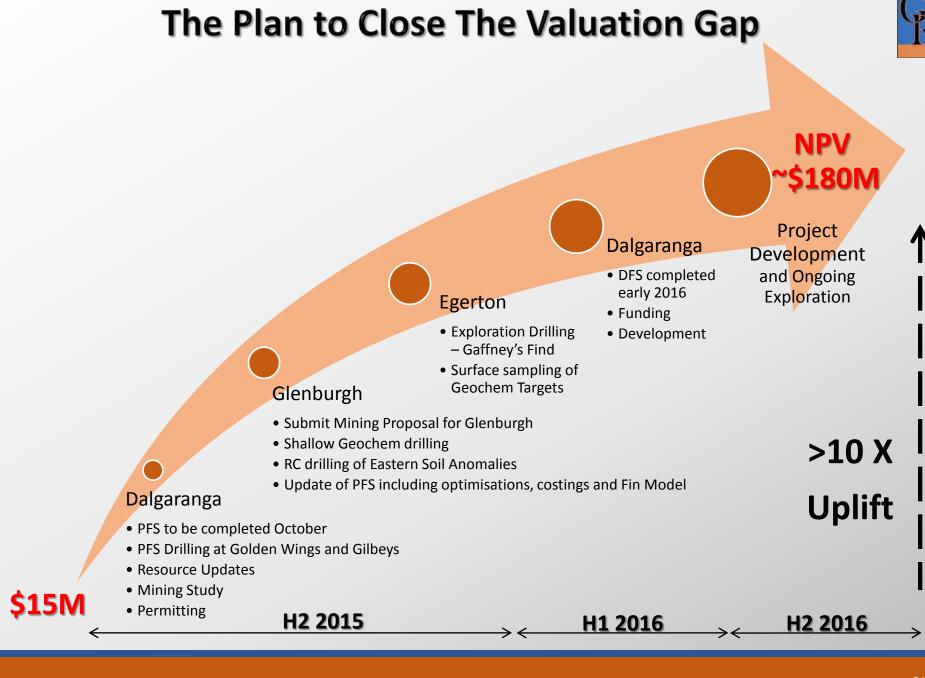
Cautionary Statement

The Preliminary Feasibility study was first announced to the ASX on the 5th of August 2013 under JORC 2004. The assumptions which underpin the study have not been updated to reflect the recent decrease in mining costs and power costs which are expected to significantly improve the projects economics. The feasibility included ~30% Inferred resources. 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 financial assessments provided are preliminary in nature and there is no guarantee that future drilling will result in the conversion of the Inferred resource to Indicated allowing a reserve to be calculated. The capital costs assume a second hand processing facility. The financial results assume U\$\$1,200 and an A\$ exchange rate of 80c. The resource has recently been updated to include all drilling completed to June 2014. The updated JORC2012 resource (see Appendix for Resource for details) will be used for any future development studies for the project.

Egerton Gold Project (GCY 100%)







What makes Gascoyne different?



- UNDERVALUED, EV/oz ~ \$7.5, peer average >\$15/oz
- Entering period of substantial value generation
- Aggressive Exploration Expanding Resources. ~1.6Moz of gold added, at <A\$10/oz</p>
- Dalgaranga
 - Dominant land position in a underexplored fertile greenstone belt
 - > 756Koz in resource a solid foundation for a substantial development
 - Scoping Study outlines low cost / high margin and long life development
- Glenburgh
 - MASSIVE Exploration Upside Craton margin style deposits are large systems
 - Over 18km of strike with <u>outcropping</u> mineralised system already identified
 - Over 70km of target horizon identified
 - > +1.0 Moz resource a solid foundation for a substantial development
 - High Grade extensions discovered
 - PFS highlights potential for profitable development with High Margins
- Egerton
 - ➤ High Grade Hibernian deposit (23,800 oz @ 6.4 g/t gold)
 - Shallow High Grade extensions to Gaffney's Find discovered including
 - > 8m @ 11.4 g/t gold, inc. 4m @ 21.2 g/t gold, 4m @ 9.0 g/t gold & 2m @ 13.7 g/t gold
- Numerous development options being assessed

GR

DISCLAIMER & COMPETENT PERSON STATEMENT

This presentation contains forward looking statements that are subject to risk factors associated with resources businesses. It is believed that the expectations reflected in these statements are reasonable but they may be affected by a variety of variables and changes in underlying assumptions which could cause actual results or trends to differ materially, including but not limited to: price fluctuations, actual demand, currency fluctuations, drilling and production results, reserve estimates, loss of market, industry competition, environmental risks, physical risks, legislative, fiscal and regulatory developments, economic and financial market conditions in various countries and regions, political risks, project delay or advancement, approvals and cost estimates.

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 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 resource has now been updated to conform with the JORC 2012 guidelines. The new JORC 2012 re

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 Dalgaranga scoping study outlines low cost/high margin development 23rd June 2015). 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 and Gaffney's Find prospect historical exploration results have 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.

All references to dollars, cents or \$ in this presentation are to AUS\$ currency, unless otherwise stated.



Presentation Appendices:



GLENBURGH (100%)

JORC Measured, Indicated & Inferred Resources

	Glenburgh Deposits - Deposit Summary 2014 Mineral Resource Estimate (0.5g/t Gold Cut-off)													
	IV	ed	Ir	ndicate	ed	<u> </u>	nferre	d	Total					
Donosit	Tonnes	Au	Au	Tonnes	Au	Au	Tonnes	Au	Au	Tonnes	Au	Au		
Deposit	Mt	g/t	Ounces	Mt	g/t	Ounces	Mt	g/t	Ounces	Mt	g/t	Ounces		
lcon	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		



GLENBURGH (100%)

Glenburgh Deposits - Deposit Summary											
2014 Min	eral Resource Estimate	(1.0g/t Gold Cut-off)									
sured	Indicated	Inferred									

	М	ed	In	dicate	ed	li li	nferre	d	Total			
Area	tonnes	Au	Au									
	Mt	g/t	Ounces									
Icon	1.3	1.8	71,200	1.2	1.7	65,000	2.6	1.6	134,000	5.1	1.7	270,000
Apollo	0.5	3.4	58,600	0.2	1.8	10,000	0.8	1.9	51,000	1.5	2.4	119,000
Tuxedo				0.4	1.6	22,000	0.4	1.5	20,000	0.9	1.5	42,000
Mustang				0.1	1.5	5,000	0.5	1.5	25,000	0.6	1.5	31,000
Shelby				0.2	1.6	9,000	0.3	1.5	15,000	0.5	1.6	24,000
Hurricane				0.1	1.8	3,000	0.2	1.9	10,000	0.2	1.8	13,000
Zone 102				0.6	2.5	49,000	0.7	1.7	40,000	1.3	2.1	89,000
Zone 126	0.2	5.6	29,100	0.2	4.5	31,000	0.6	4.5	81,000	0.9	4.7	141,000
NE3							0.1	1.9	9,000	0.1	1.9	9,000
Torino							0.8	1.7	45,000	0.8	1.7	45,000
SW Area							0.3	1.4	12,000	0.3	1.4	12,000
Total	1.9	2.5	158,900	2.9	2.1	193,000	7.4	1.9	442,000	12.3	2.0	794,000

Glenburgh Deposits - High Grade Domains (+2.0g/t)

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

	Measured			Indicated			U.Sgr G	nferre		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	
lcon				70	4.7	10,000	40	3.7	5,000	110	4.3	15,000	
Apollo	309	4.8	48,000	10	6.4	1,000	230	2.5	18,000	540	3.9	68,000	
Mustang				30	2.0	2,000	80	2.4	6,000	110	2.3	8,000	
Hurricane							10	3.1	1,000	10	3.1	1,000	
Zone 102				410	2.8	38,000	190	2.2	13,000	610	2.6	51,000	
Zone 126	62	5.6	29,100	190	4.9	30,000	320	6.5	68,000	680	5.8	127,000	
SW Area							30	2.3	2,000	30	2.3	2,000	
Total	471	5.1	77,100	710	3.6	82,000	910	3.9	114,000	2,090	4.1	273,000	



DALGARANGA PROJECT (80%)

JORC Measured, Indicated & Inferred Resources

Dalgaranga Global Mineral Resource Estimate													
	[1easure	ed	li	Indicated			nferre	d	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	_			4.7	1.6	240.200	8.2	1.7	445.200	12.9	1.7	685,000	
1.0g/t cutoff	-	-	-	4.7	1.0	240,200	0.2	1.7	445,200	12.9	1.7	005,000	
Golden Wings 1.0g/t cutoff	-	-	-	0.83	2.0	52,400	0.36	1.5	17,438	1.2	1.8	70,000	
Vickers Laterite	0.02	1.2	600	-	-	-	ı	-	-	0.02	1.2	600	
Total	0.02	1.2	600	5.53	1.6	293,000	8.56	1.7	462638	14.1	1.7	756,000	

EGERTON PROJECT 100%

JORC Measured, Indicated & Inferred Resources

Egerton Gold Resource Inventory (+2.0g/t cutoff)													
	Measured			In	ndicate	ed	Inferred			Total			
Deposit	Tonnes	g/t	Ounces	Tonnes	g/t	Ounces	Tonnes	g/t	Ounces	Tonnes	g/t	Ounces	
Hibernian	32,100	9.5	9,801	46,400	5.3	7,841	37,800	5.1	6,169	116,400	6.4	23,811	

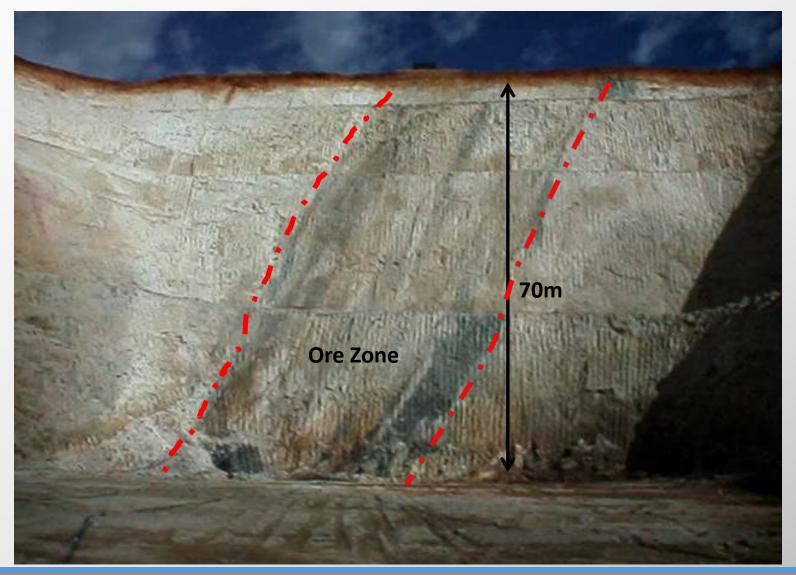
Dalgaranga Summary (GCY 80%)



- ➤ Brownfields project historical mining of ~ 230,000 ounces of gold @ <\$350/oz
- Majority land position in the underexplored fertile Dalgaranga greenstone
- > 756,000 ounces in Measured, Indicated and Inferred Resource
- > Deep weathering, considerable "free dig" reduces mining costs
- > Excellent Metallurgical recoveries using "standard" CIL Flow sheet (+97%)
- Mining Lease Granted
- > No Environmental issues identified from initial baseline studies
- > Plentiful water supply, borefield drilled (by previous operators)
- Scoping Study completed.
 - ➤ Low Cost / High Margin and long life development outlined
 - > Cash Costs \$813/oz, AISC of \$1,025/oz), NPV_{8%} \$100M & IRR 74%
 - ➤ Base Case Production Target of 7.5Mt @ 1.4 g/t for **330,000 oz contained gold for 6 years**
 - ➤ Upside Case Production Target of 14.1Mt @ 1.3 g/t for **595,000 oz contained gold for a 10 years**
 - Low capital cost \$37 million, due to existing infrastructure

G

Dalgaranga – Deep weathering: Considerable Free Dig = low mining costs

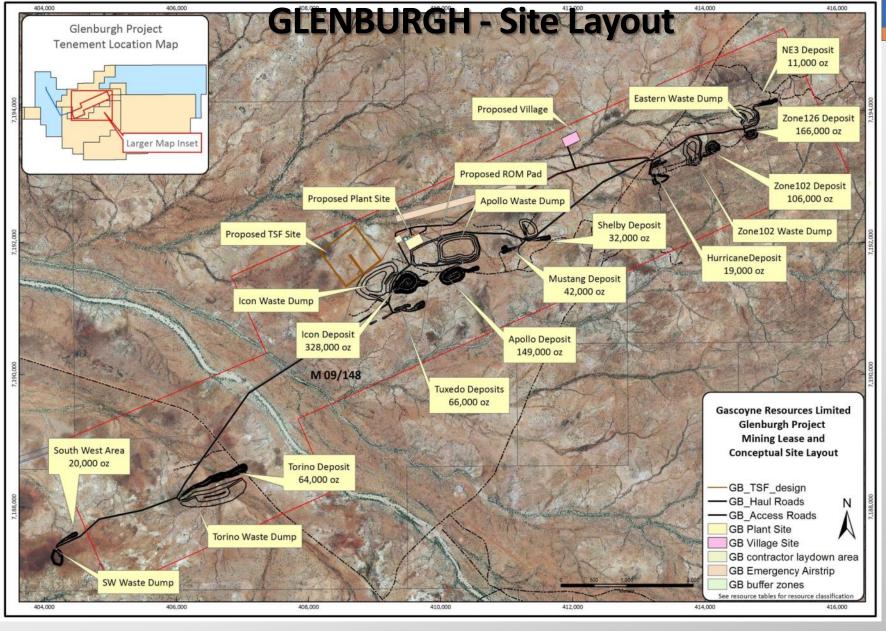


Glenburgh Summary



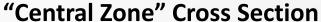
- Greenfields Project no historical prospecting or mining
- Deposits outcrop
- Large Mineral system Mineralisation traced for over 18km so far
- > Over 1.0 million gold ounces in Measured, Indicated and Inferred Resource
- ➤ High Grade "Core" Mineralisation identified of 2.1Mt @ +4.1g/t gold
- Excellent Metallurgical recoveries using "standard" CIL process (+94%)
- Mining Lease Granted, Native Title agreement finalised for entire project
- No Environmental issues identified from baseline studies
- > Water source for proposed development discovered, drilled and pump tested
- Preliminary Feasibility Completed
 - > Areas for further improvements identified
 - Update Underway



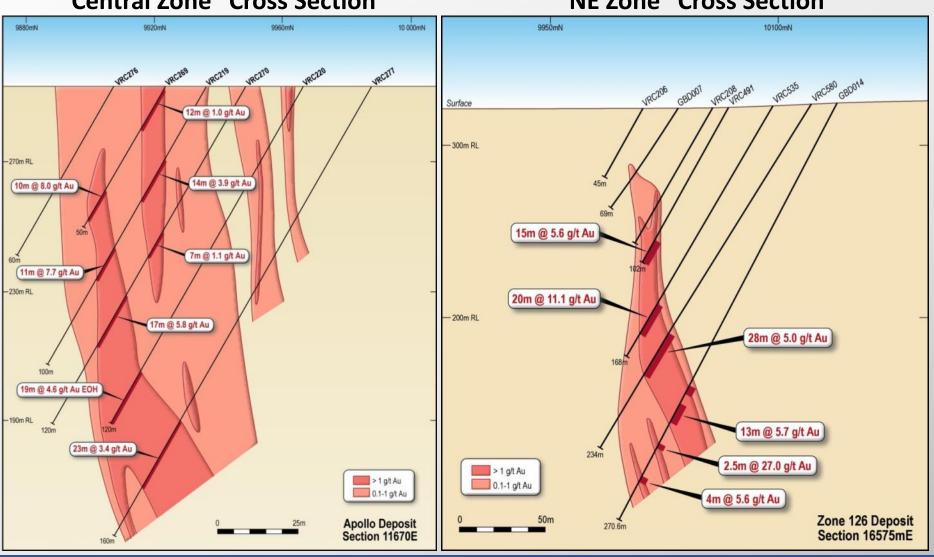


Glenburgh Cross Sections



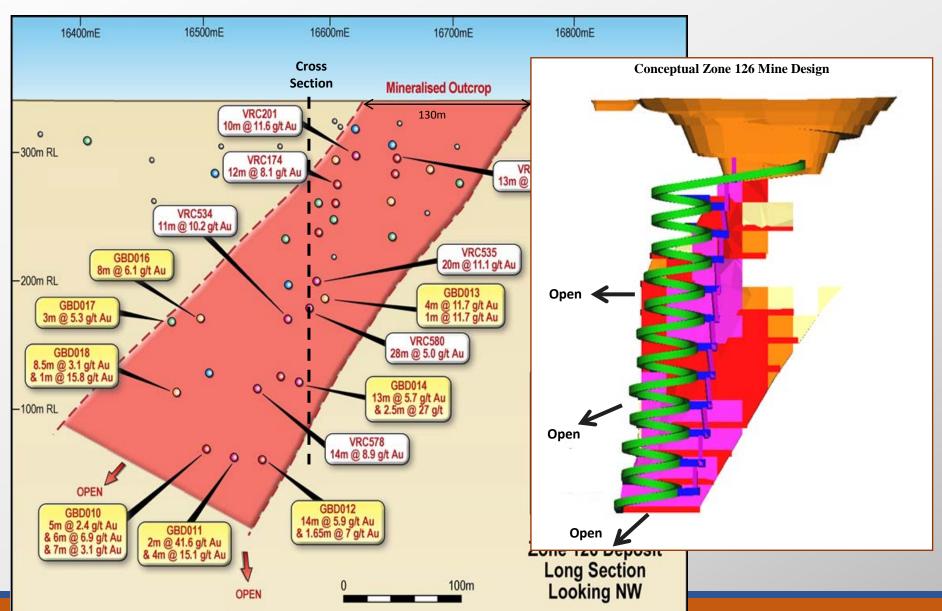


"NE Zone" Cross Section



Zone 126 Long Section





GLENBURGH – Plant Site Layout



