

25 OCTOBER 2013

No. of Pages: 32

ASX CODE: ORS

Market Cap.: \$8.9m (\$0.084 p/s)

Shares on issue: 106,048,002

Cash: \$2.2m (30 June 2013)

BOARD & MANAGEMENT

Ian Gandel, Chairman

Anthony Gray, Managing Director

Bob Tolliday, Director

MAJOR SHAREHOLDERS

Alliance Resources – 20.8%

Abbotsleigh – 18.7%

JP Morgan Nominees – 8.9%

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COMPANY PRESENTATION

Please find attached a copy of a Company presentation to be made by the MD, Mr Anthony Gray at the Mining 2013 Resources Convention Brisbane, October 2013 held in QLD today.

For and on behalf of the Board.

Bob Tolliday

Company Secretary
OCTAGONAL RESOURCES LIMITED

Additional information relating to Octagonal and its various mining and exploration projects can be found on the Company's website:

www.octagonalresources.com.au



ABN: 38 147 300 418

ASX Code: ORS

Mining 2013
Resources Convention
Brisbane
October 2013

“Building a sustainable gold
producing operation in Victoria
to fund Company growth”



Photo: Portal of Union Hill Decline (Maldon, VIC)

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The information in this presentation that relates to mineral resources and exploration results are based on information compiled by Mr Anthony Gray who is a Member of the Australian Institute of Geoscientists. Any statement herein, direct or implied, as to a potential gold deposit is conceptual in nature and a reference to the targeted gold potential and not to any JORC compliant Mineral Resource. Mr Gray is a full time employee of Octagonal Resources Limited, and has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2004 edition of the JORC Code. Mr Gray has given his consent to the inclusion in this presentation of the matters based on the information in the form and context in which it appears.

The information in this presentation that relates to exploration, mining, and production targets refers to targets that are conceptual in nature, where there has been insufficient exploration to define a Mineral Resource and it is uncertain if further exploration will result in the determination of a Mineral Resource.

Victorian Gold Producer



Gold producer since November 2012



Speculative Gold Investment Opportunity

- ▶ 2013 → difficult equity market conditions & drop in gold price means many junior gold companies are greatly undervalued

How do you pick a quality stock ?

- ▶ Share Structure ✓
- ▶ Cash Flow ✓
- ▶ Management ✓
Experienced in finding, mining, and capital raising
- ▶ Project Location ✓
Gold is where you find it – World Class Gold Producing Districts
- ▶ Assets ✓
Resources, mill, mine, quality exploration tenure



Share Structure



ASX Code: ORS	
ASX Listed	5 January 2011
Ordinary Shares	106.0 million
Options	0
Market Cap. (\$0.084)	\$8.9 million
Cash	\$2.2 million (30 Jun. 2013)
Range (since listing)	\$0.075 - \$0.25
Average Daily Volume	50,000 shares

Directors	
Ian Gandel	Chairman
Anthony Gray	Managing Director
Bob Tolliday	Non-Executive Director

Major Shareholders	Shares	%
Alliance Resources Limited	22 million	20.8
Abbotsleigh Pty Ltd (Ian Gandel)	19.9 million	18.7
JP Morgan Nominees	9.4 million	8.9
Top 20 Shareholders	69.8 million	65.8
TOTAL SHARES	106,048,002	100



Cash Flow



Management



▶ Board

Ian Gandel (Chairman)

Sophisticated investor: largest shareholder & director AGS, ALK, GIP

Anthony Gray (Managing Director)

Geologist: 18 years experience Vic & WA exploring for gold, copper & nickel

Robert Tolliday (Non-Executive Director)

Chartered Accountant: 25 years experience accounting, audit, finance, company secretarial

▶ 14 multi-skilled & professional staff

- 1 mining engineer
- 2 metallurgists
- 3 underground miners
- 3 mill operators,
- 1 diesel mechanic
- 3 geologists
- 1 administrator

(+300 years mining industry experience)

+1,000 days MTI & LTI free (+140,000 hrs)



WE DO WHAT WE SAY WE ARE GOING TO DO

Short Term Objectives in Prospectus (December 2010)

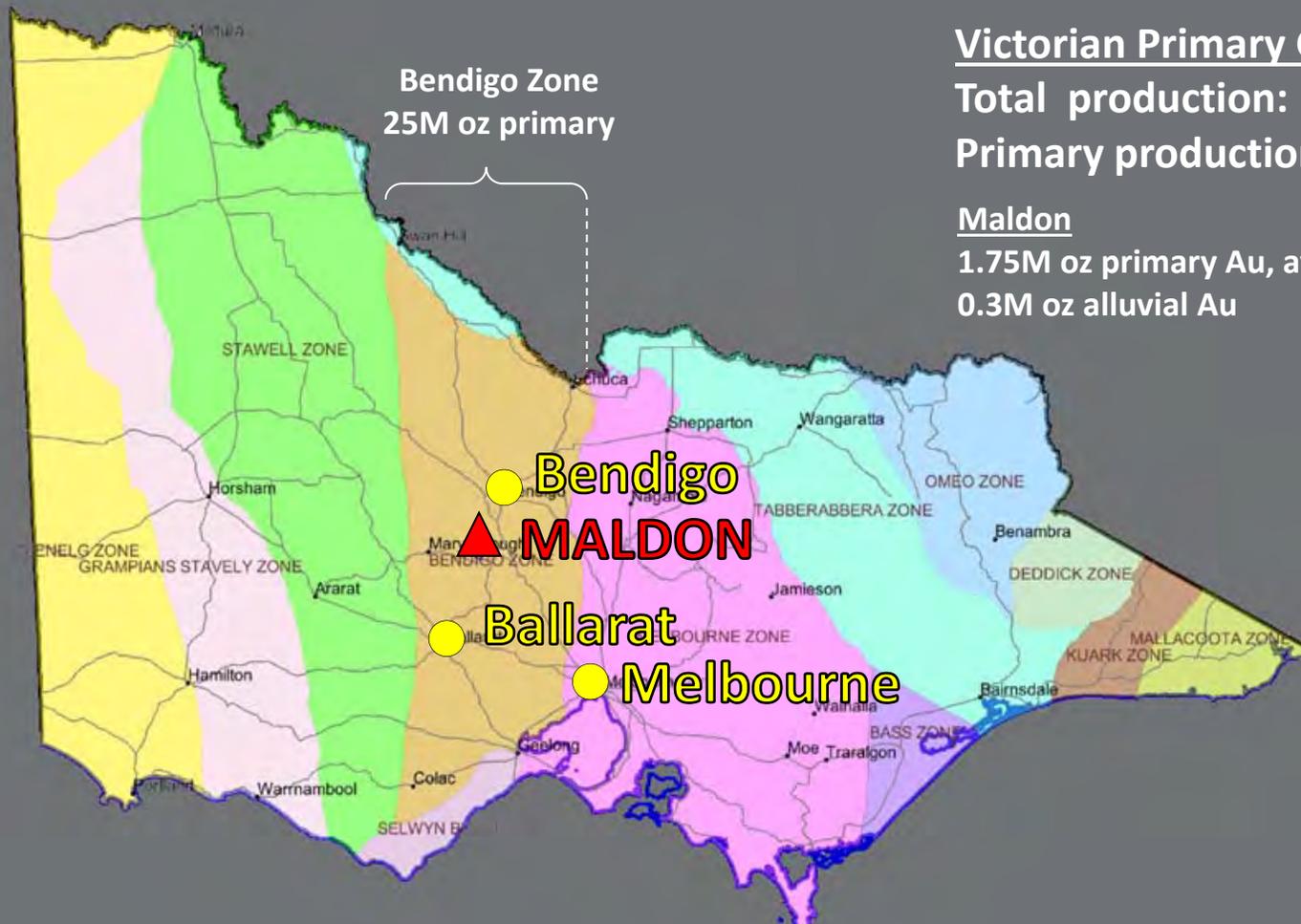
- ▶ Commence underground mining from the Alliance South Shoot at Maldon
Acquired underground mining fleet → commenced mining as owner operator
- ▶ Mine a trial open pit at Black Reef (Wehla) to determine viability of a larger open pit operation
Open pit mined → assessing viability of larger open pit
- ▶ Define at least 250,000 tonnes of additional open pit resources in Central Victoria
114,000 tonne initial resource defined at Specimen Reef (Dunolly) → mining licence applied
- ▶ Undertake aggressive exploration at Hogan's in WA to test for a major gold deposit
50,000 metres drilled → discovered potentially large gold-copper deposit



Project Location - Central Victoria



WORLD CLASS GOLD PRODUCING DISTRICT



Victorian Primary Gold

Total production: 80M oz
Primary production: 35M oz

Maldon

1.75M oz primary Au, av. 28 g/t Au
0.3M oz alluvial Au

Only Australian owned Victorian gold producer

▶ **Crocodile Gold Corp. (TSX listed)**

Fosterville – 90,000 oz Au production (2012)

Stawell – 73,000 oz Au production (2012)

bacteria leach plant

carbon in leach plant

▶ **Mandalay Resources Ltd (TSX listed)**

Costerfield – 108,000 oz Au eq. production (2012)

flotation concentrate plant

▶ **Lion Gold Corp. (SGX listed)**

Ballarat – 40,000-50,000 oz Au production target

gravity plant

▶ **Octagonal Resources Limited (ASX listed)**

Maldon – 30,000 oz Au production target

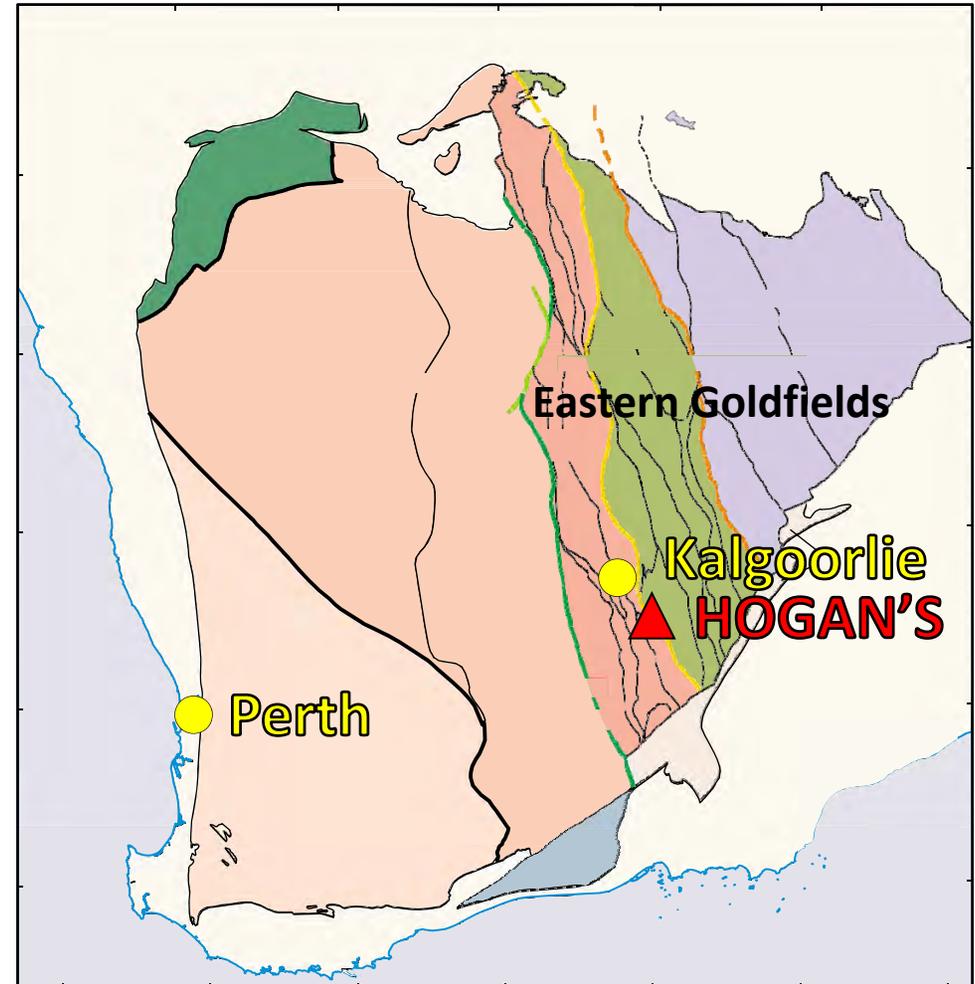
carbon in leach plant

EASTERN GOLDFIELDS PROVINCE

15 World Class Gold Deposits (+3M oz Au)

Hogan's Project

- ▶ 70 kilometres southeast of **+70M oz Golden Mile**
- ▶ 30 kilometres northeast of **+12M oz St Ives Goldfield**



Mining Assets

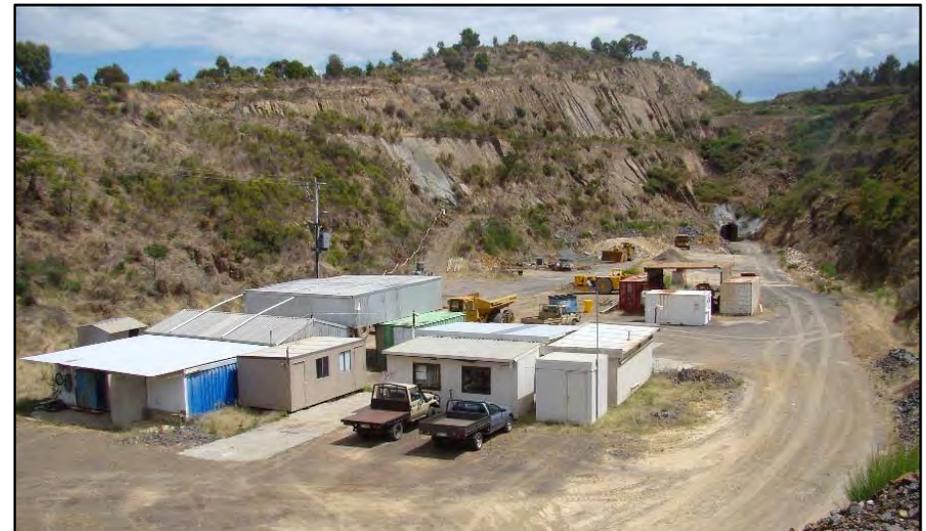
Maldon Gold Processing Plant

- ▶ 150,000 tpa CIL gold mill
- ▶ **Replacement cost: +\$15 million**



Union Hill Decline

- ▶ 2 kilometres long
- ▶ 4 metre by 4.5 metre size
- ▶ **Construction cost: +\$20 million**



Mining Assets

Underground Mining Fleet

- ▶ Twin boom jumbo
- ▶ Single boom jumbo
- ▶ Two 30 tonne dump trucks
- ▶ Bogger, grader & loader
- ▶ **Replacement cost: +\$1 million**

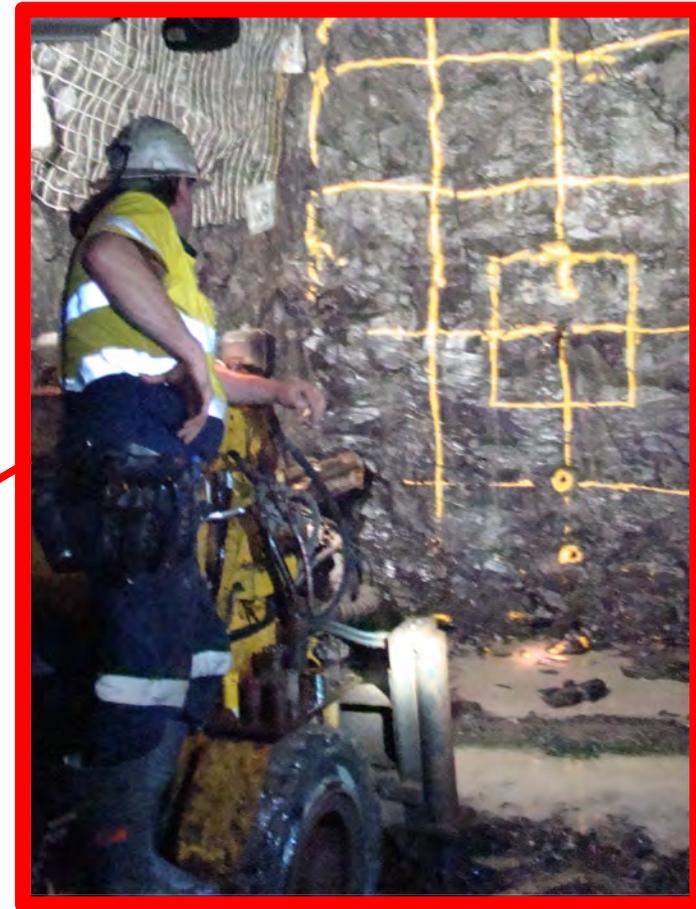
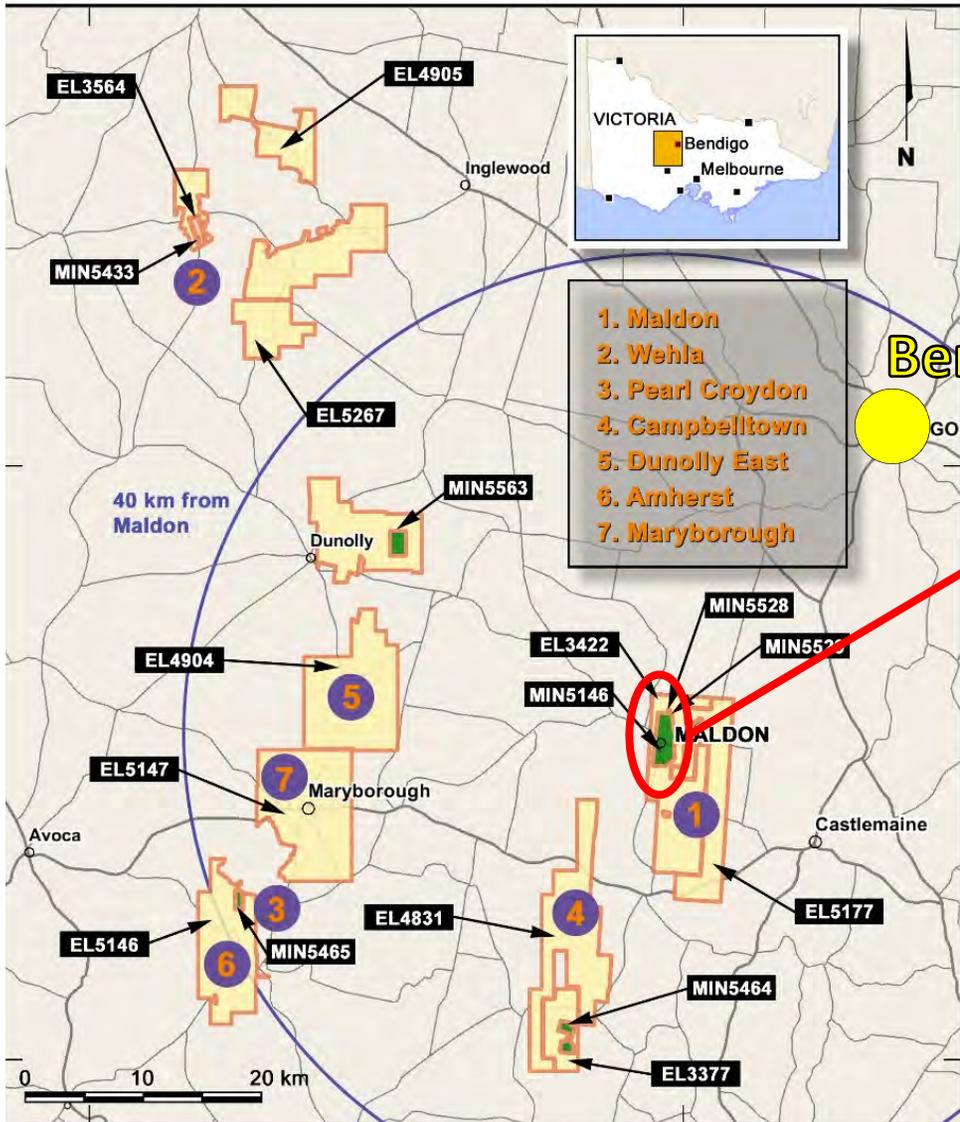


Resources

- ▶ 182,000oz Alliance South Deposit ¹
- ▶ 53,000oz Pearl Croydon Deposit ¹
- ▶ 10,000oz Specimen Reef Deposit ¹
- ▶ **Value: \$\$\$**



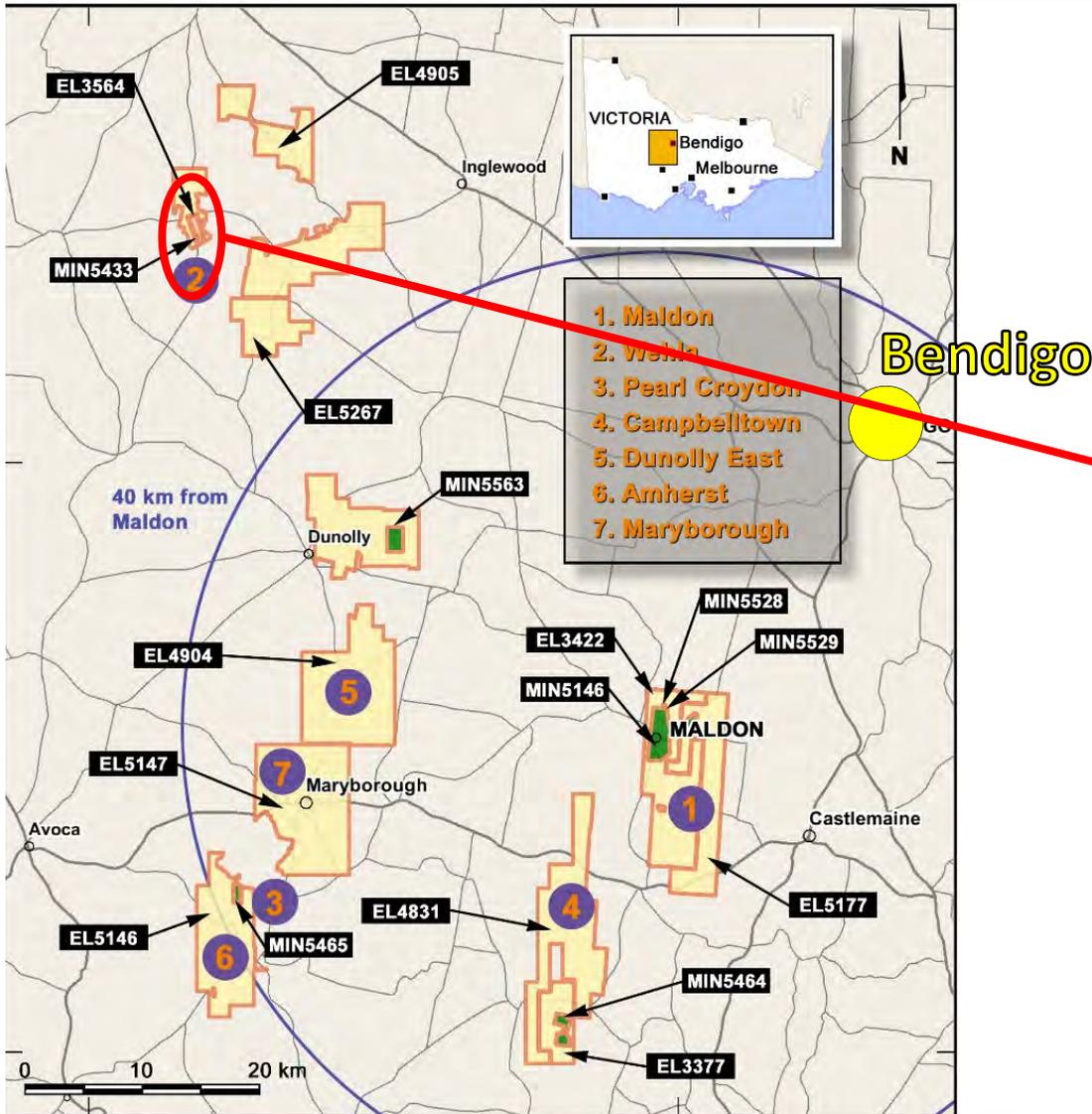
Victorian Gold Operation



Maldon

- ▶ 150,000 tpa CIL gold mill
- ▶ Underground mine

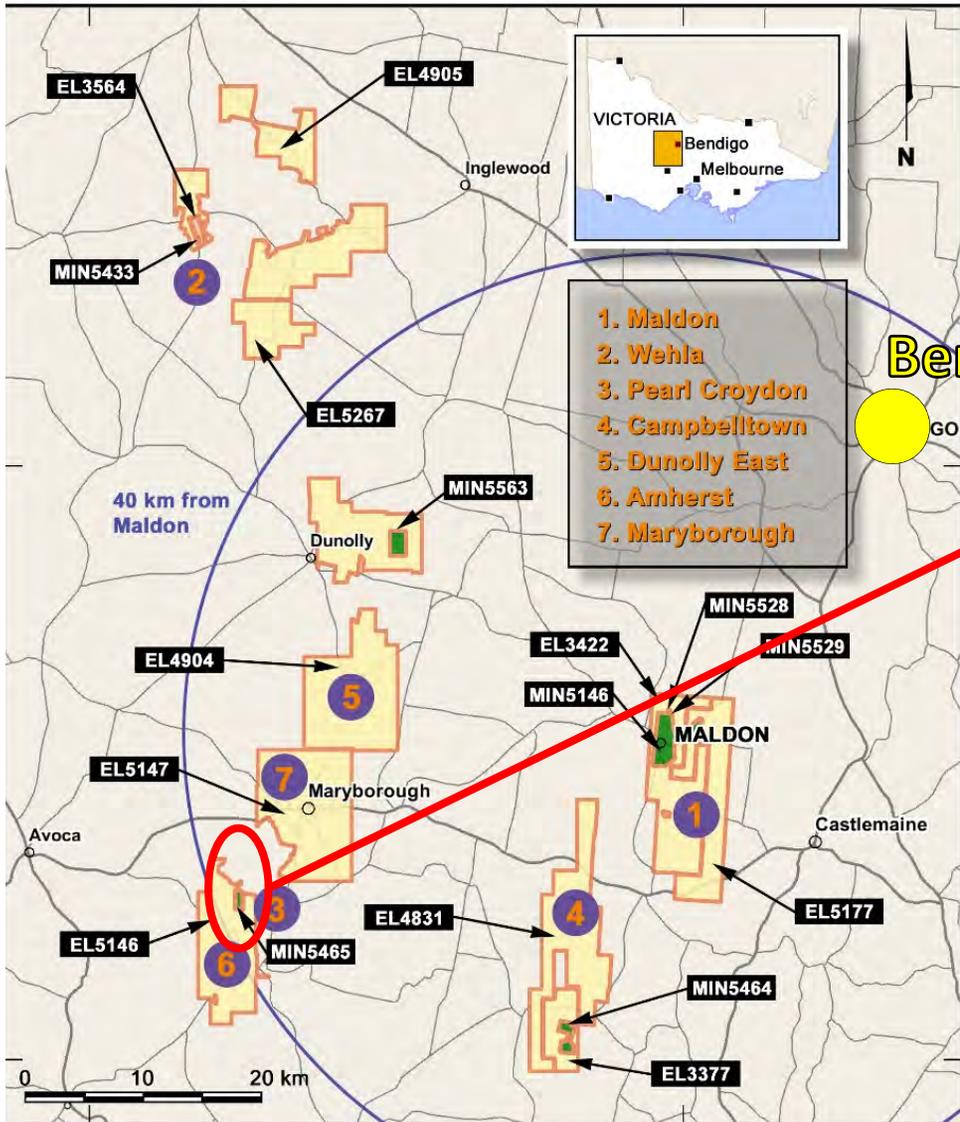
Victorian Gold Operation



Wehla

- Mined trial open pit at Black Reef
- Larger mining operation ?

Victorian Gold Operation

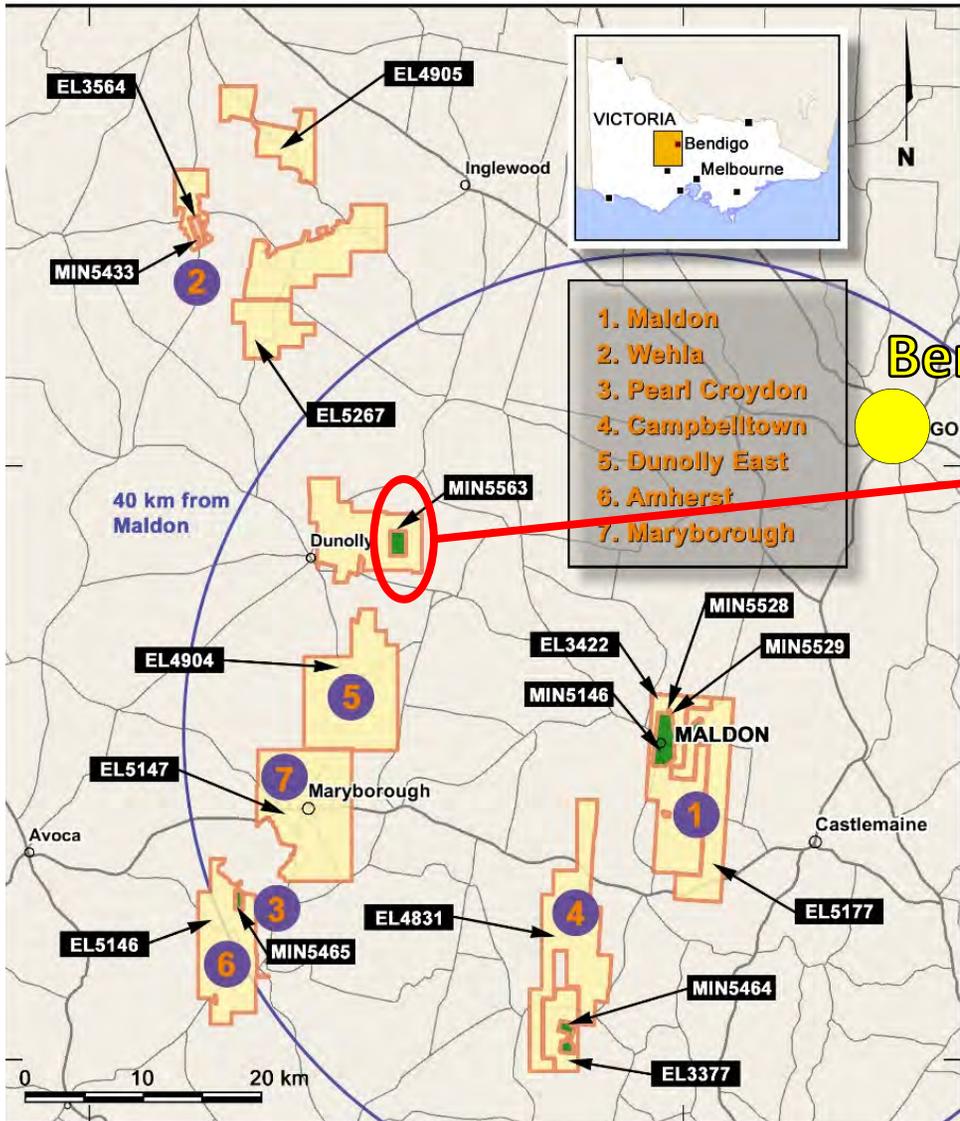


Pearl Croydon

- 53,000oz near-surface resource ¹
- Open pit mine starting early 2014

1: Refer to slide 31 – JORC Resource Inventory

Victorian Gold Operation



Specimen Reef

- 10,000oz near-surface resource ¹
- Mining licence application

1: Refer to slide 31 – JORC Resource Inventory

Victorian Mining Strategy

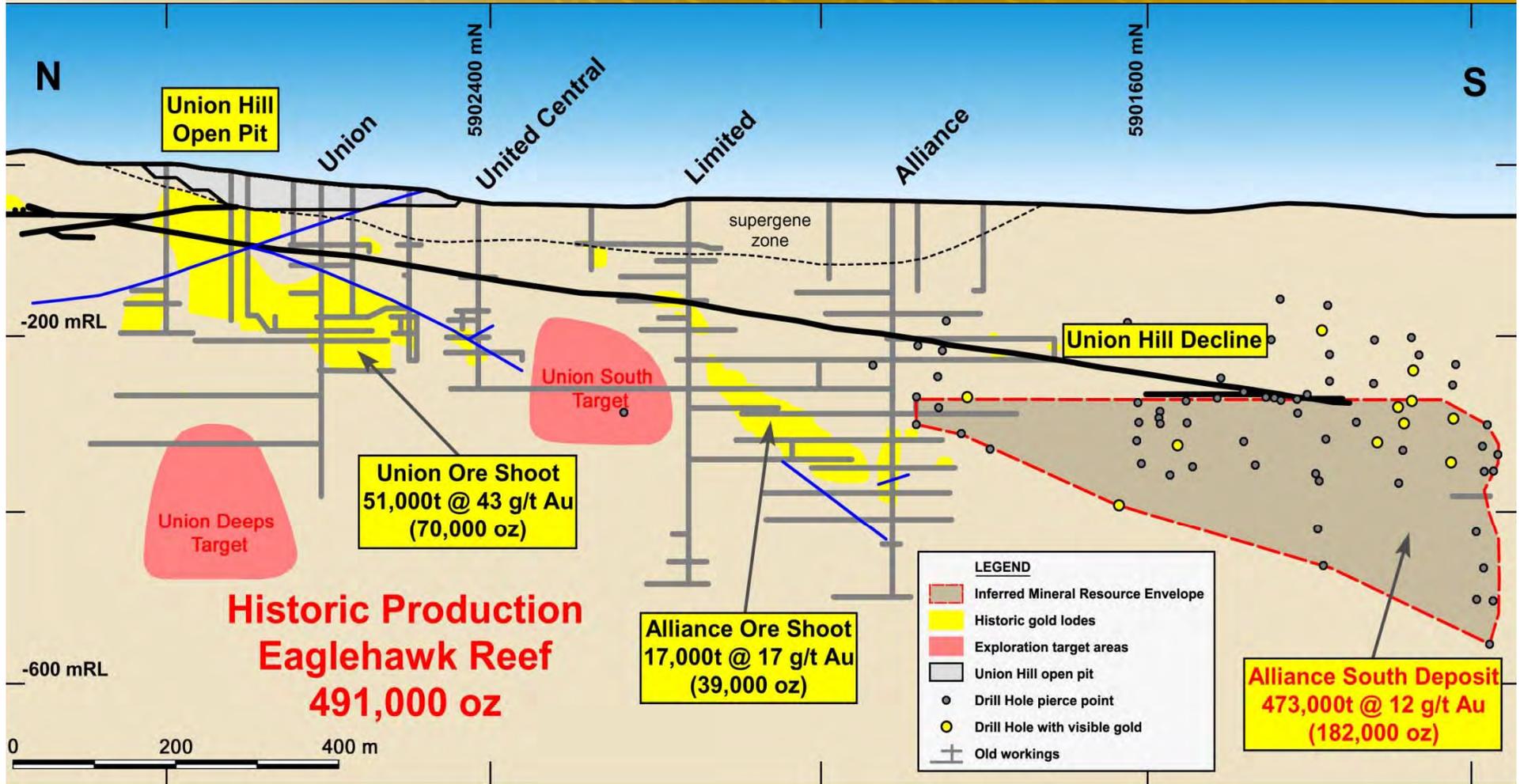


Develop a sustainable low risk, high grade, high margin gold operation

- ▶ Focus on grade and profit not tonnes and ounces
- ▶ Narrow vein mining – small mining equipment – owner operator
- ▶ Understand the gold distribution and ground conditions of deposit
- ▶ Low cash costs – small multi-skilled professional and experienced team
- ▶ Develop multiple underground and open pit ore sources – strong project pipeline
- ▶ Supplement production profile with third party ore
- ▶ Use existing resources to fund Company growth

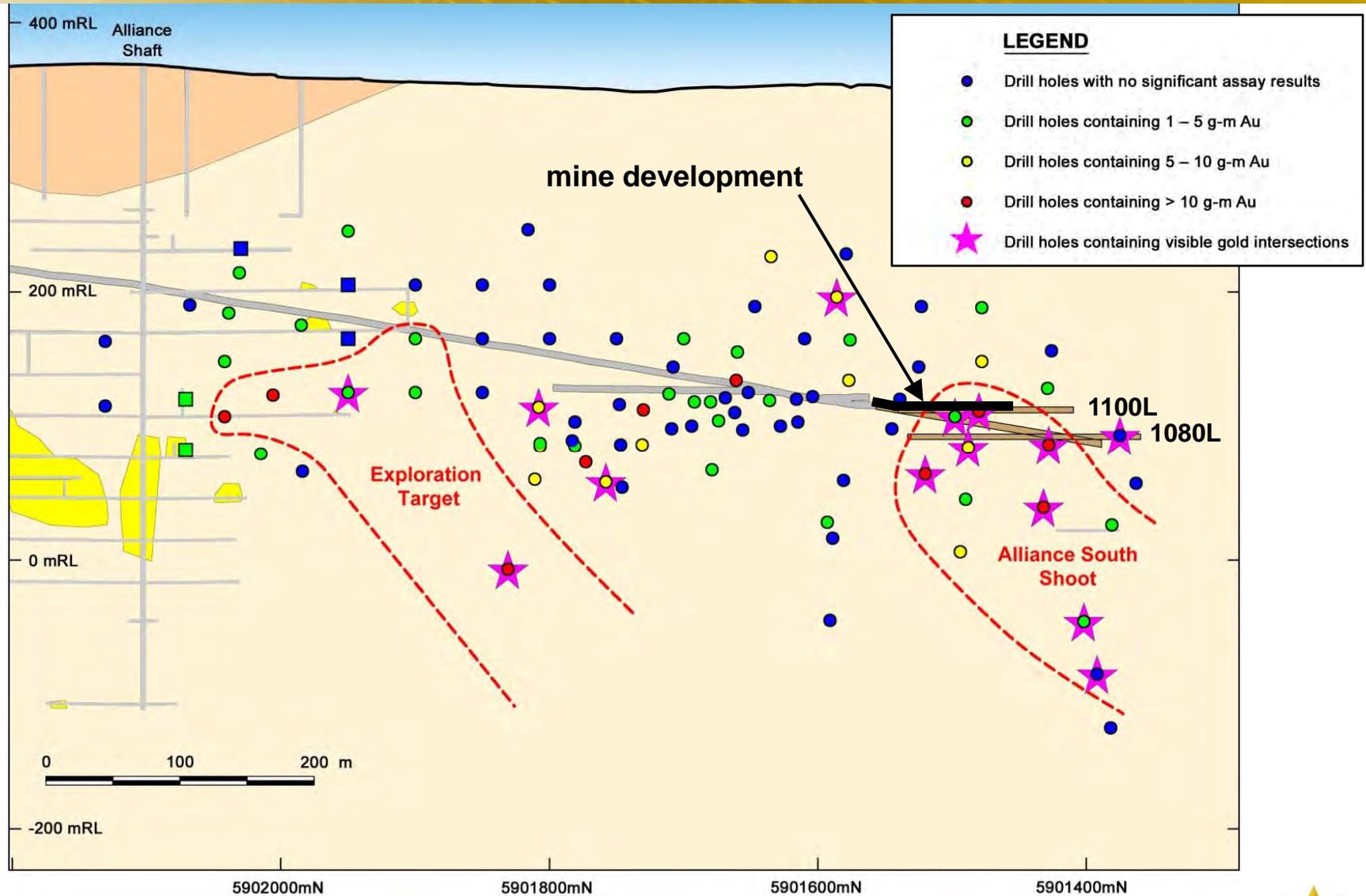


Alliance South Deposit



Eaglehawk Reef: Long-Section

Alliance South Mining



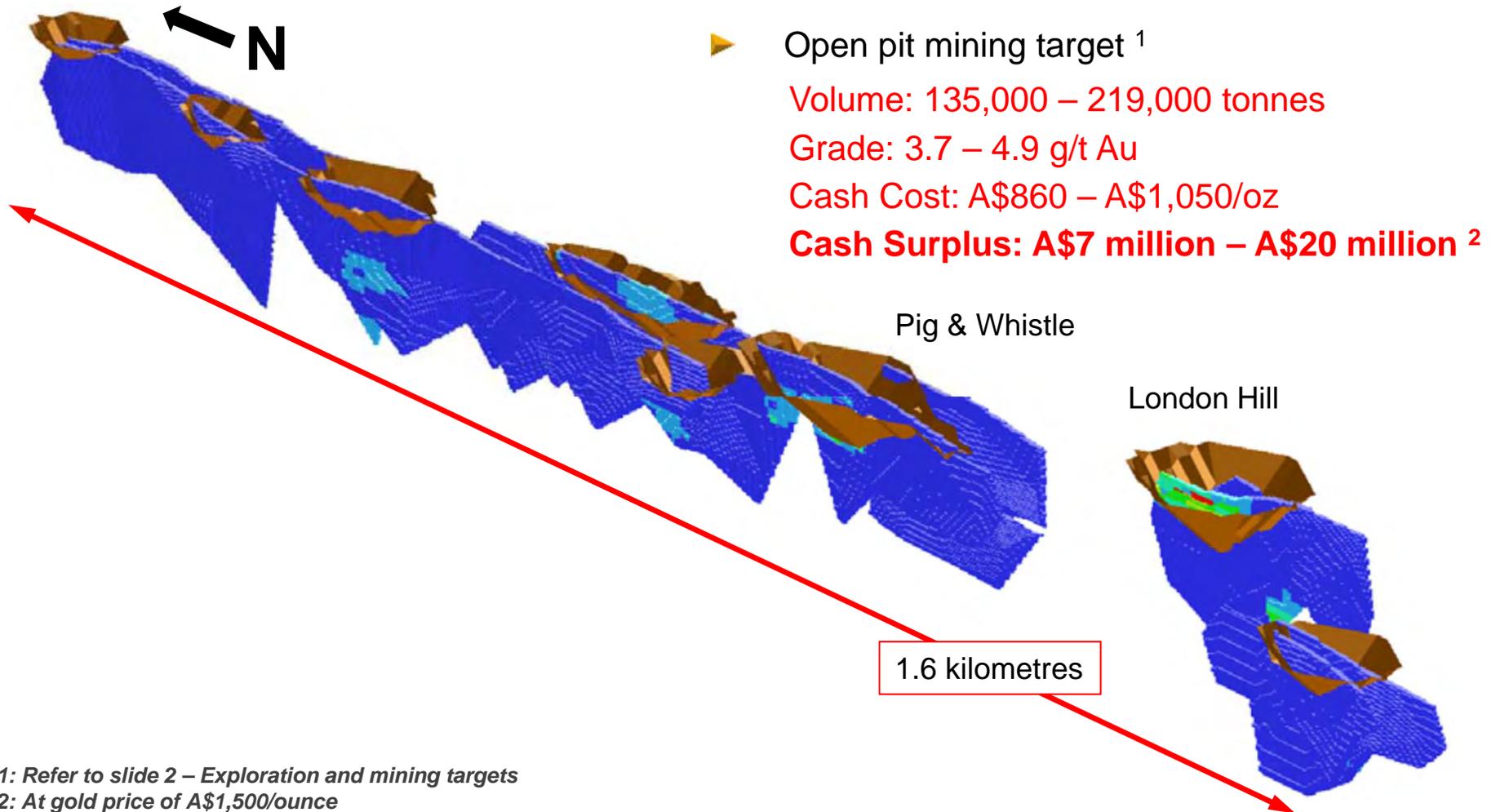
Alliance South: Long-Section

Alliance South Mining



Alliance South: 1100 level face 23/10/2013

Open Pit Optimisation Study Results

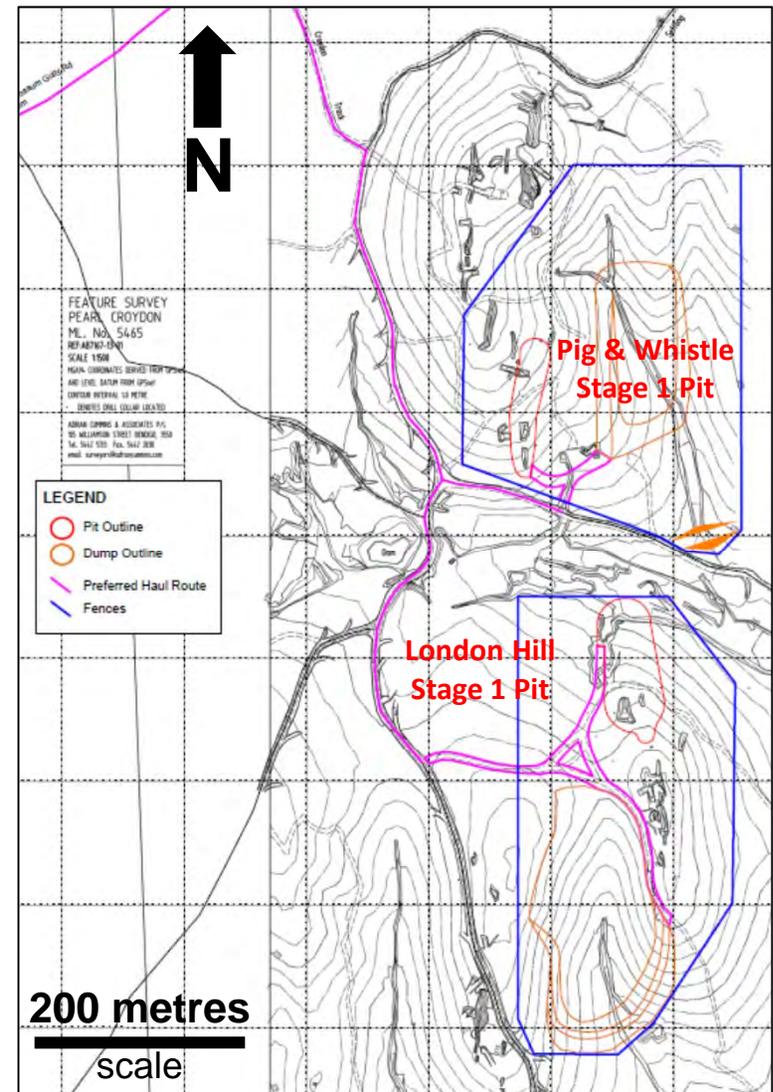


Pearl Croydon - Stage 1 Pits



Stage 1 Open Pits

- ▶ Mining target ¹
 - Volume: 35,000 – 40,000 tonnes
 - Grade: 2.7 – 3.3 g/t Au
 - CAPEX: \$500,000
 - Ore from surface
- ▶ Mine design and site layout **complete**
- ▶ Flora & fauna survey **complete**
- ▶ Heritage survey **complete**
- ▶ Work Plan **approved** by State Government
- ▶ Community engagement **commenced**
- ▶ Planning Permit **lodged**
- ▶ Mining contract tender process **commenced**
- ▶ **Mining expected to start early 2014**
- ▶ Then upgrade remaining resource areas with infill drilling for final pit design and mining



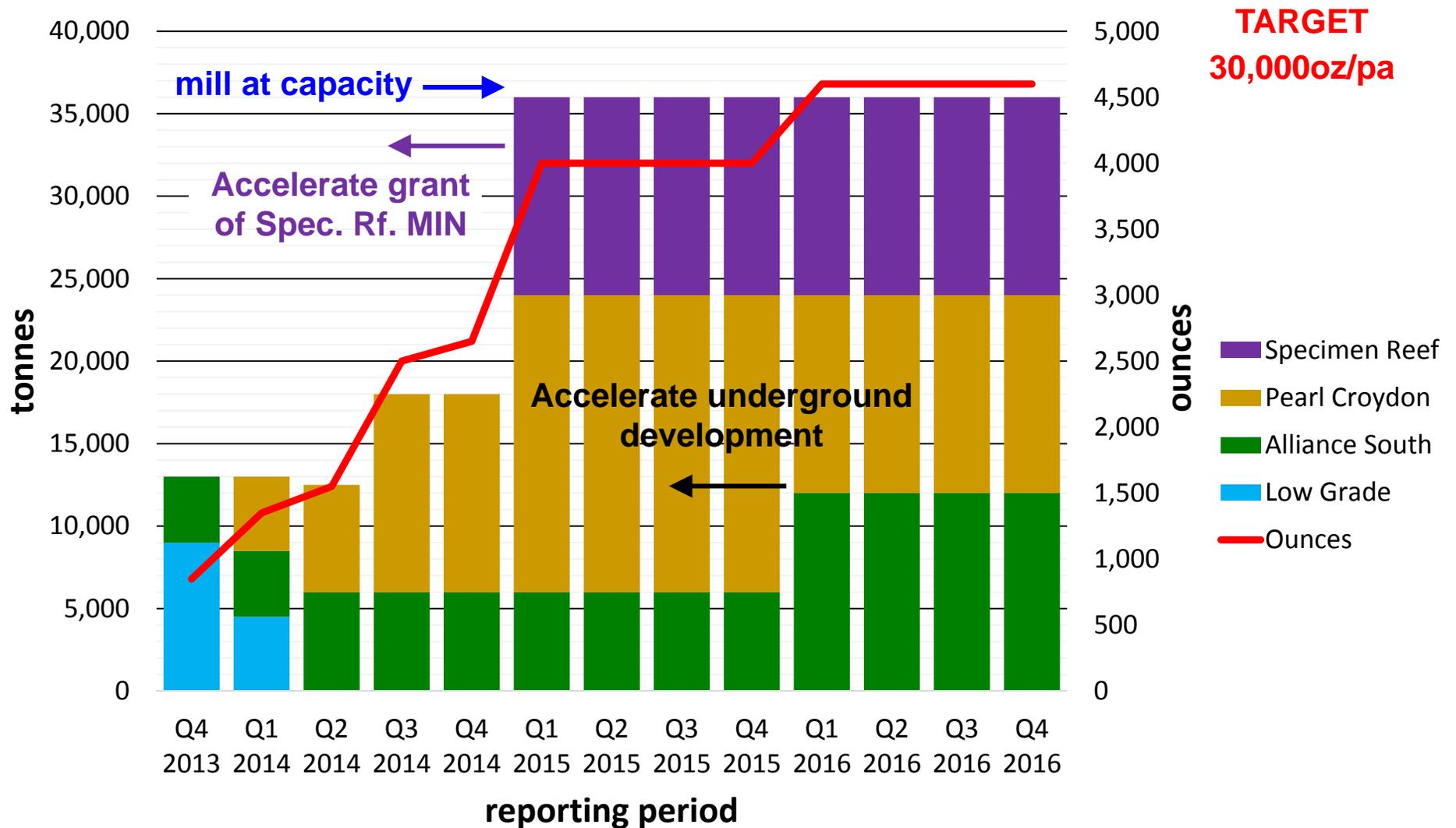
1: Refer to slide 2 – Exploration and mining targets

Forecast Quarterly Production

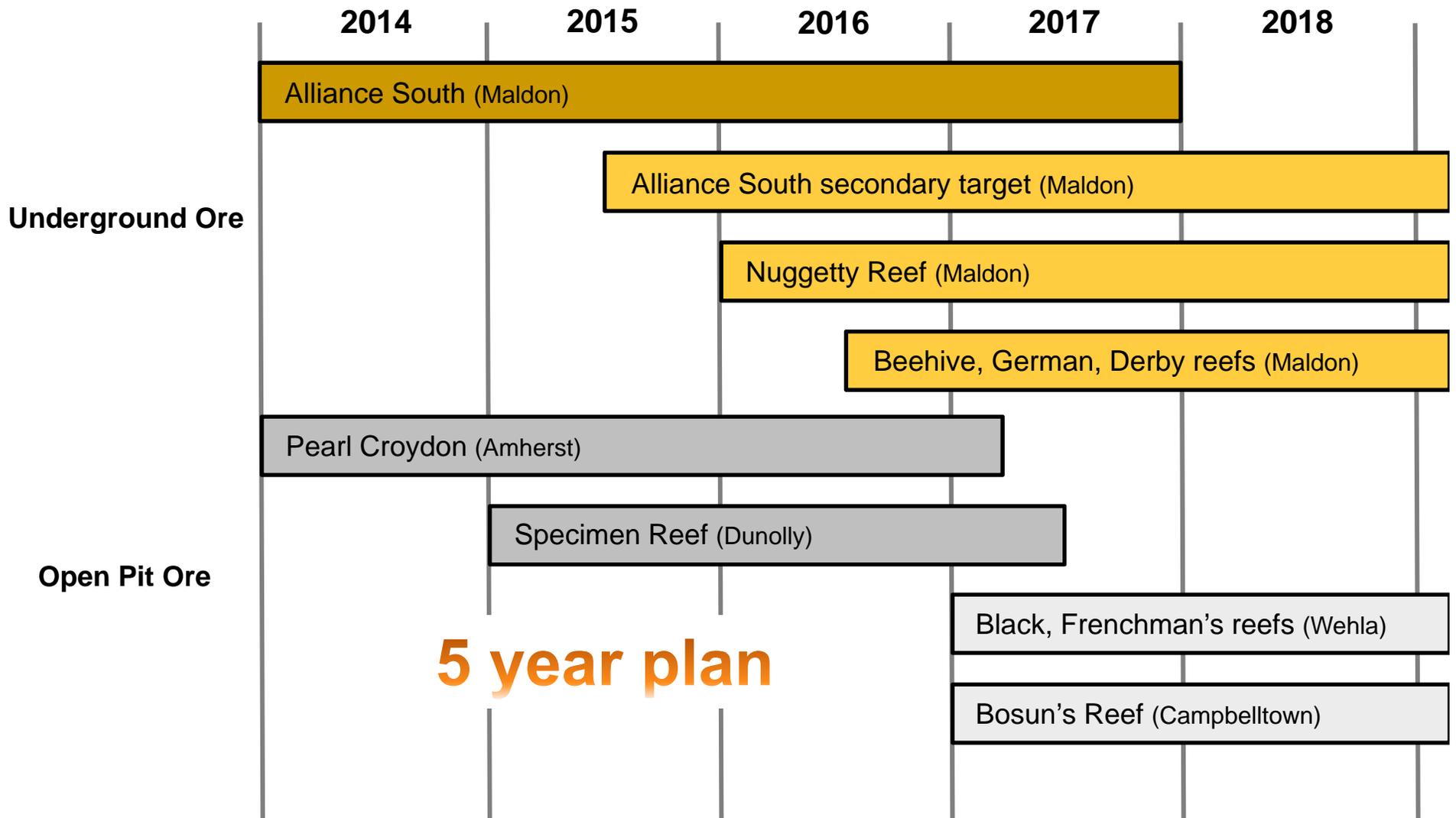
Over 3 years production from existing resources



Octagonal
Resources Limited

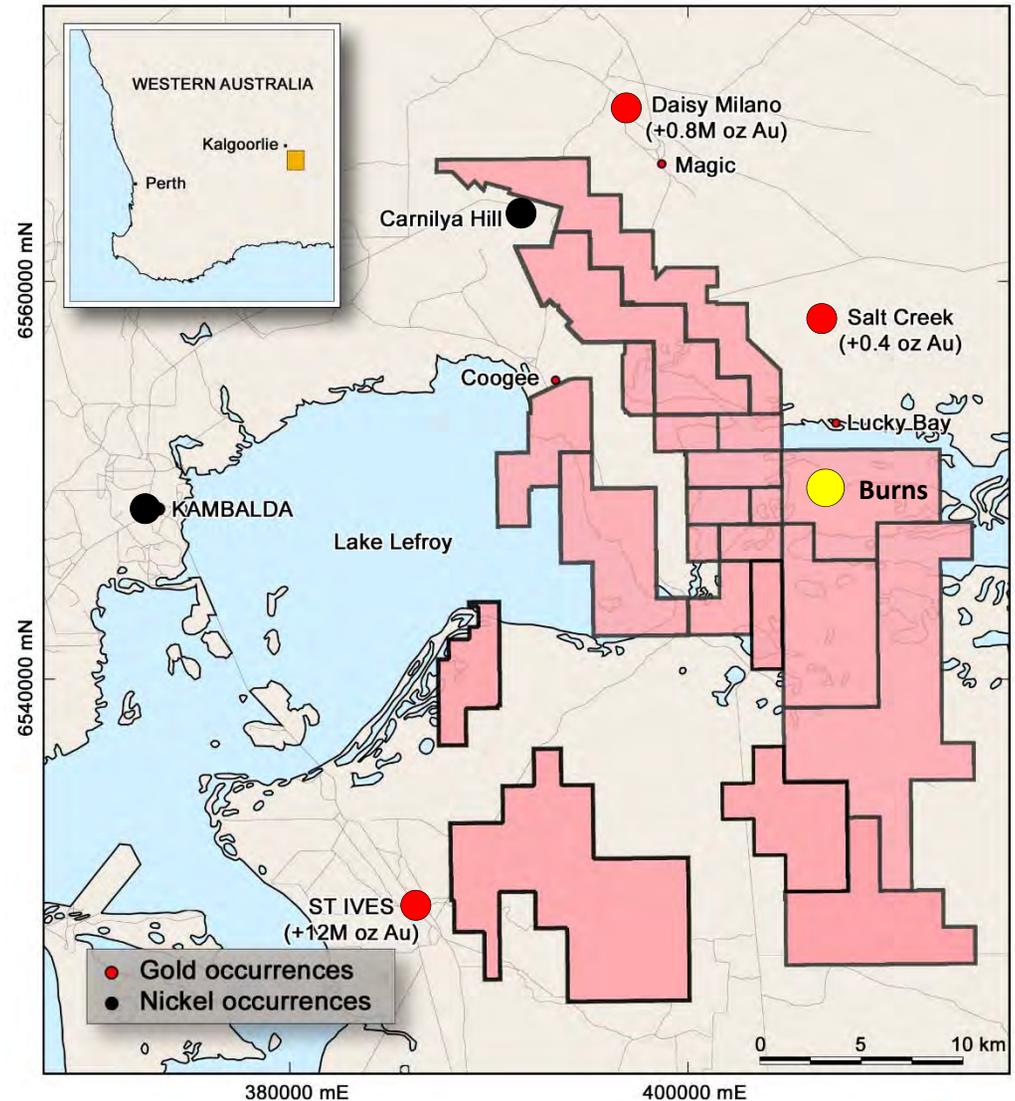


Ore Sources & Project Pipeline



Hogan's Project - WA

- ▶ Emerging gold producing district
- ▶ Surrounded by:
 - + 12 million oz St Ives Goldfield,
 - + 0.8 million oz Daisy Milano Mine,
 - + 0.4 million oz Salt Creek Mine

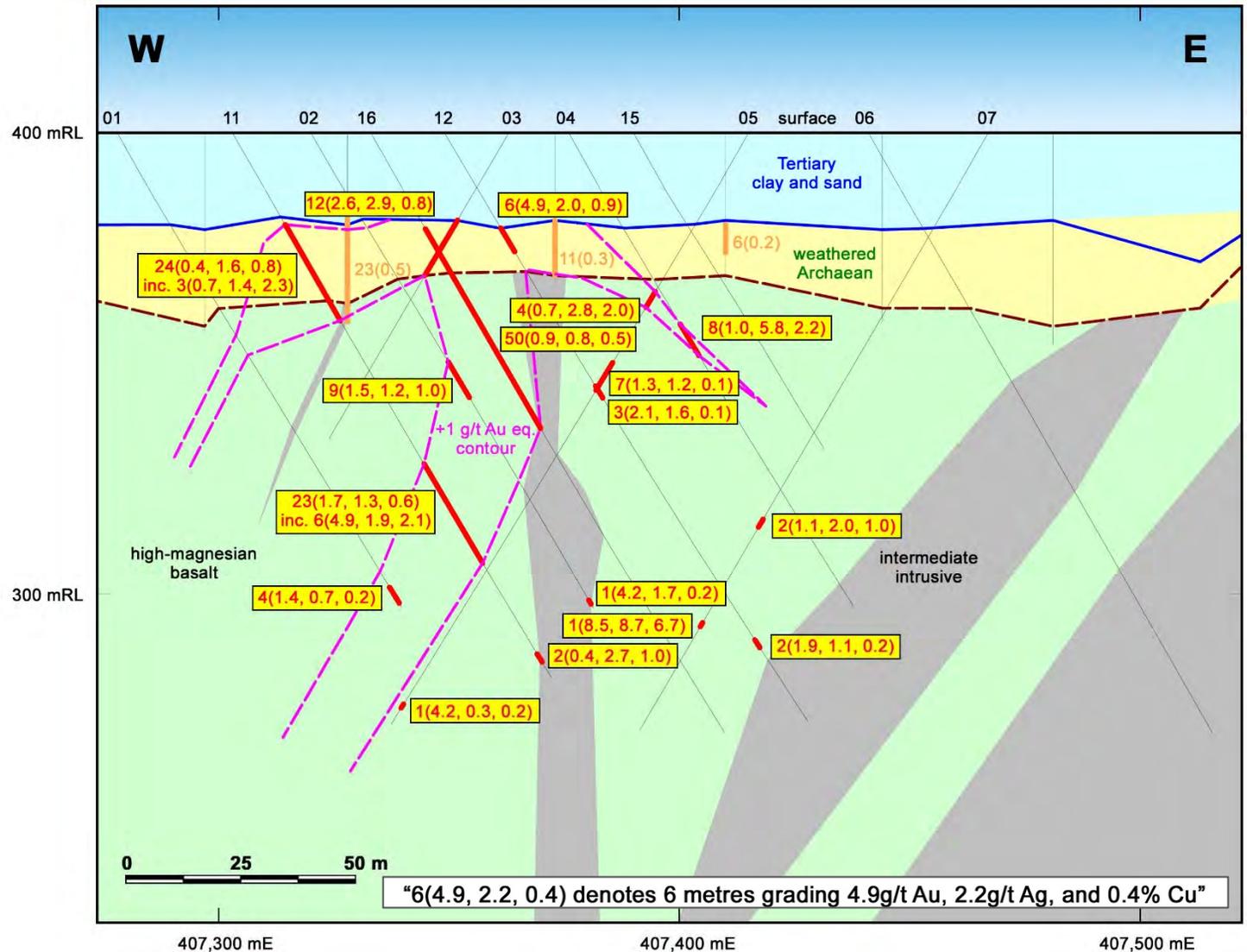


Burns Prospect



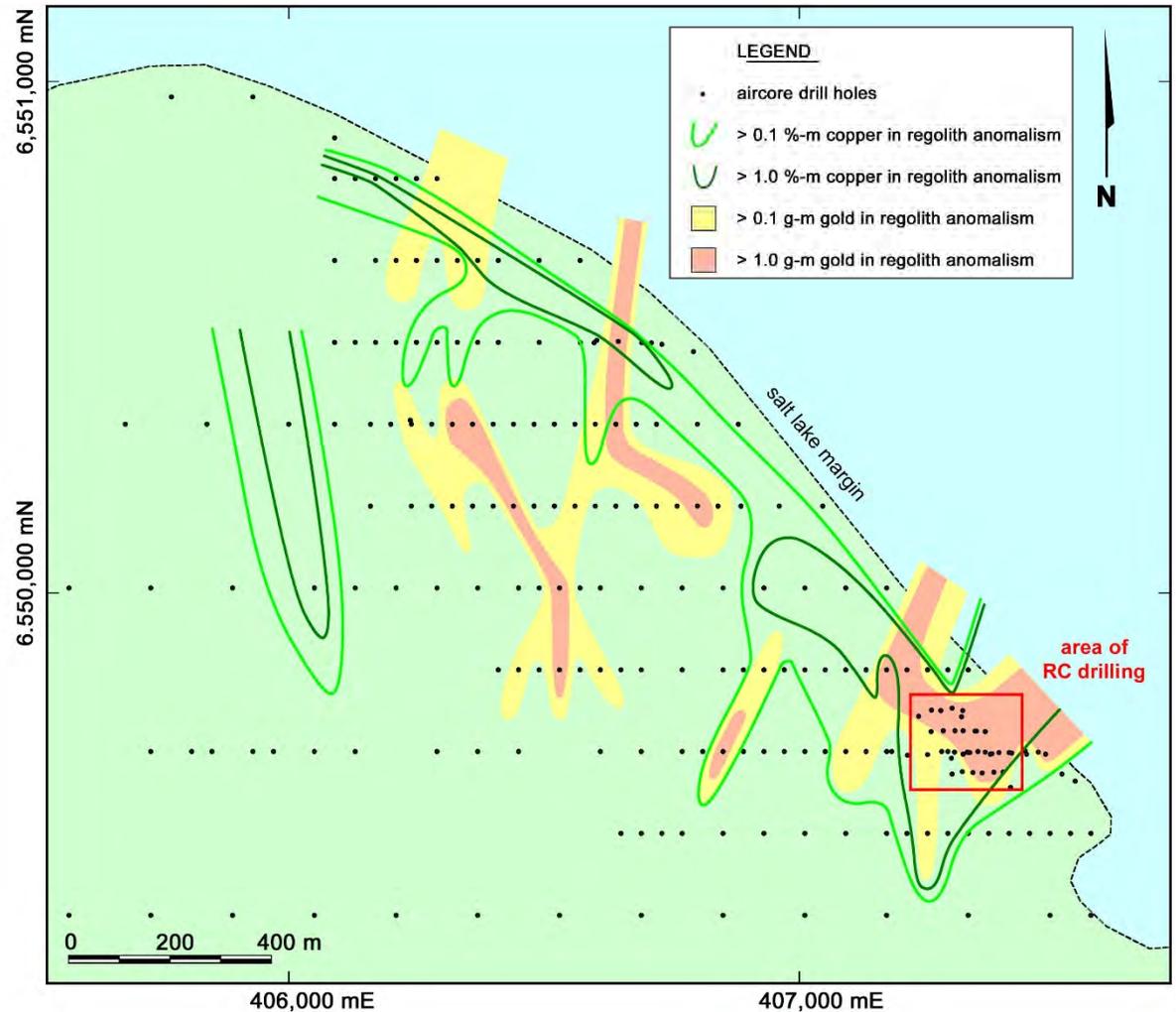
► Significant results:

- 9 (1.5, 1.2, 1.0)
- inc. 2 (1.5, 2.7, 4.2)
- 6 (4.9, 2.2, 0.4)
- 12 (0.8, 4.5, 1.7)
- inc. 3 (2.1, 11.9, 4.8)
- 4 (0.7, 2.8, 2.0)
- 1 (8.5, 8.7, 6.7)
- 32 (1.7, 1.3, 0.6)
- inc. 6 (4.9, 2.0, 0.9)
- 50 (0.9, 0.8, 0.5)
- 12 (1.5, 0.5, 0.5)
- 19 (0.5, 3.0, 1.0)
- 9 (1.0, 1.6, 0.7)
- 3 (16.1, 4.5, 0.5)
- 9 (1.0, 3.1, 1.5)
- 12 (1.3, 2.0, 0.8)



Burns Prospect

- ▶ Aircore drilling defines:
 - 1 square kilometre area of gold anomalism
 - 2 kilometre long zone of copper anomalism
- ▶ RC drilling only tests 120 metre by 180 metre area
- ▶ Potential for large deposit



Summary - Value Proposition



Company – structure and experience

- ▶ 106 m shares on issue, \$2.2 m cash (30 June 2013) (no options)
- ▶ Enterprise Value: \$6.7 m @ 8.4c
- ▶ Tight shareholding (top 20 shareholders own 65.8% of Company)
- ▶ Experienced board and management

Victoria – cash flow

- ▶ +\$35 m sunk capital in 150,000 tpa CIL gold processing plant and 2 kilometre decline to underground resource (182,000 oz) ¹
- ▶ JORC-compliant Inferred Resources totalling 245,000 oz of gold ¹
- ▶ Underground and open pit mining
- ▶ Targeting 30,000 oz pa low cost high grade gold production
- ▶ Strong project pipeline

Western Australia – growth

- ▶ Targeting plus million ounce gold deposits
- ▶ Emerging gold producing district near existing mining infrastructure
- ▶ Burns Prospect: Potential for large gold-copper deposit



Thank you

Photo: Diamond Drilling at Maldon

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Presentation Appendix



JORC RESOURCE INVENTORY

Alliance South Mineral Resource Estimate (October 2009)										
Deposit	Location	Estimated Gold Resource and Category								
		Measured			Indicated			Inferred		
		'000t	Au g/t	'000oz	'000t	Au g/t	'000oz	'000t	Au g/t	'000oz
Alliance South	West Zone							287	12	110
	East Zone							186	12	72
Total								473	12	182

Pearl Croydon Mineral Resource Estimate (July 2010)					
Deposit	Reef	Resource Category	Tonnes	Gold Grade (g/t)	Gold (ounces)
Pearl Croydon North	West Reef	Inferred	142,444	2.3	10,702
	Central Reef	Inferred	293,010	2.4	22,812
	East Reef	Inferred	20,072	4.6	2,949
	Sub Total	Inferred	455,526	2.5	36,463
London Hill	Main Reef	Inferred	49,612	4.4	6,957
	Hanging wall Reef	Inferred	27,515	4.1	3,665
	Sub Total	Inferred	77,128	4.3	10,622
Mullocky	West Reef	Inferred	13,693	2.7	1,188
	East Reef	Inferred	24,212	6.5	5,091
	Sub Total	Inferred	37,905	5.2	6,278
TOTAL		Inferred	570,559	2.9	53,364

Specimen Reef Mineral Resource Estimate (March 2012)						
Deposit	Estimated Gold Resource and Category					
	Indicated			Inferred		
	Tonnes	Au g/t	'000oz	Tonnes	Au g/t	Ounces
Specimen Reef				114,000	2.9	10,480
Total				114,000	2.9	10,480