

13 February 2013

No. of Pages: 31

ASX CODE: ORS

Market Cap.: \$15.0 m (\$0.14 p/s)

Shares on issue: 106,048,002

Cash: \$2.0 m (31 December 2012)

BOARD & MANAGEMENT

Ian Gandel, Chairman

Anthony Gray, Managing Director

Bob Tolliday, Non-Executive Director

MAJOR SHAREHOLDERS

Alliance Resources – 20.8%

Abbotsleigh – 18.7%

JP Morgan Nominees – 8.9%

PRINCIPAL OFFICE

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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 RIU Explorers 2013 Conference held in Perth, Western Australia 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

RIU Explorers Conference Perth February 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 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



Regular gold production since November 2012



Investment Highlights



Advanced portfolio of Victorian gold projects:

Junior Australian gold company with a cash flow

- ▶ Targeting sustained production of ~30,000 oz pa low cost high grade gold
- ▶ 150,000 tpa CIL gold processing plant at Maldon
- ▶ JORC-compliant Inferred Resources totalling 245,000 oz of gold ¹
- ▶ 1,900 metre decline accesses 182,000 oz underground resource ¹
- ▶ Re-processing Kangaroo Flat flotation concentrate tailings
- ▶ Ore processing agreement with A1 Gold Mine

Emerging Western Australian gold district:

520 km² landholding surrounded by +12 million oz St Ives Goldfield, +0.8 million oz Daisy Milano Mine and +0.4 million oz Salt Creek Mine

- ▶ Targeting plus million ounce gold deposits
- ▶ Significant gold, copper, and silver discovered at Burns Prospect



1: Refer to slide 30 – JORC Resource Inventory

Company Overview



ASX Code: ORS

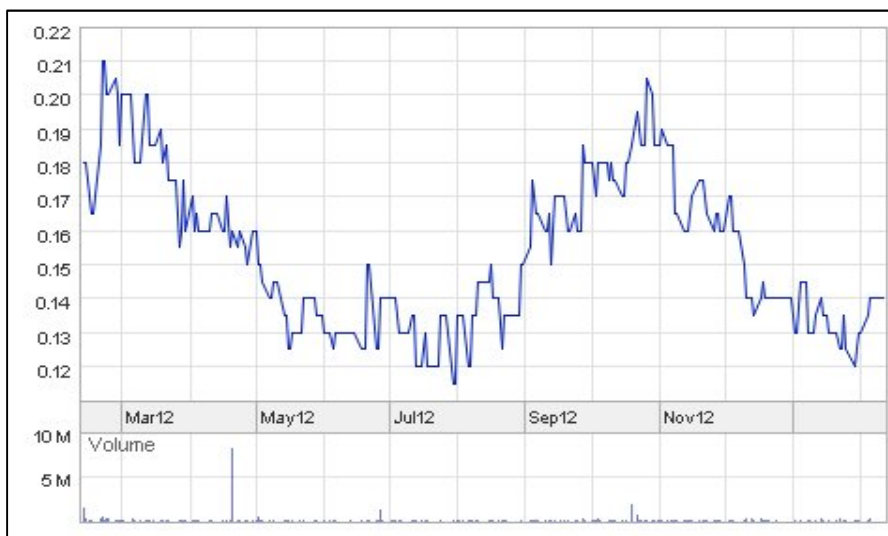
ASX Listed	5 January 2011
Ordinary Shares	106.0 million
Options	0
Market Cap. (\$0.14)	\$15 million
Cash	\$2.0 million (31 Dec. 2012)
Debt	\$0
Range (since listing)	\$0.11 - \$0.25
Average Daily Volume	47,000 shares

Directors

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

Major Shareholders

Major Shareholders	Shares	%
Alliance Resources Limited	22 million	20.8
Abbotsleigh Pty Ltd (Ian Gandel)	19.9 million	18.7
JP Morgan Nominees	9.5 million	8.9
Top 20 Shareholders	70.7 million	66.7
TOTAL SHARES	106,048,002	100



Main Street, Maldon

Company Performance



Equity Raising

December 2010: \$12 million at \$0.25 per share (IPO)

Short Term Objectives in Prospectus

Commence underground mining from the Alliance South Shoot at Maldon

Acquired underground mining fleet → commenced developing as owner operator

- ▶ Mine open pit at Black Reef (Wehla) to determine viability of a larger open pit operation

Regulatory approvals received → open pit mining commenced

- ▶ Define at least 250,000 tonnes of open pit resources in Central Victoria

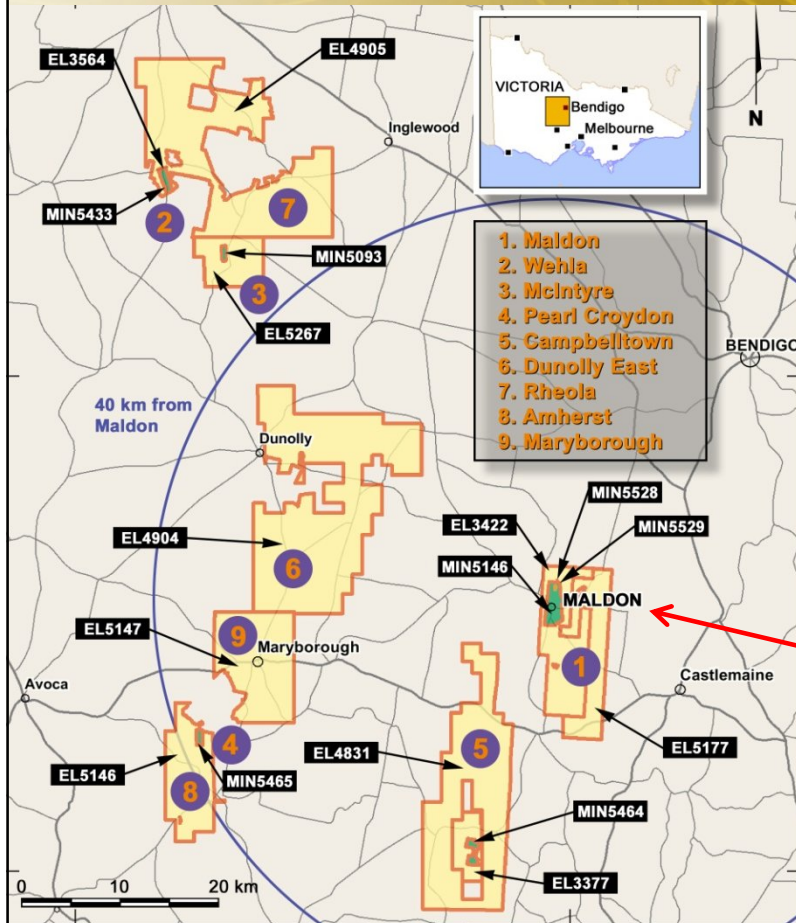
114,000 tonne initial resource defined at Specimen Reef (Dunolly)

- ▶ Undertake aggressive exploration at Hogan's in WA to test for a major gold deposit

Gravity survey, 43,000m of aircore drilling and 4,750m of RC drilling



Victorian Gold Operation



Bendigo Zone
25M oz primary

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



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



Key Assets

Maldon Gold Processing Plant

150,000 tpa CIL gold mill

- ▶ Replacement cost +\$15 m
- ▶ Low processing costs
- ▶ No water or power issues



Union Hill Decline

1,900 metre long 4 metre by 4.5 metre decline

- ▶ Construction cost +\$18 m
- ▶ Completely dewatered
- ▶ Less than \$2 m in development costs to commence mining



ALLIANCE SOUTH - MALDON

Inferred Resource: 473,000 tonnes grading 12.0 g/t Au for 182,000 ounces¹



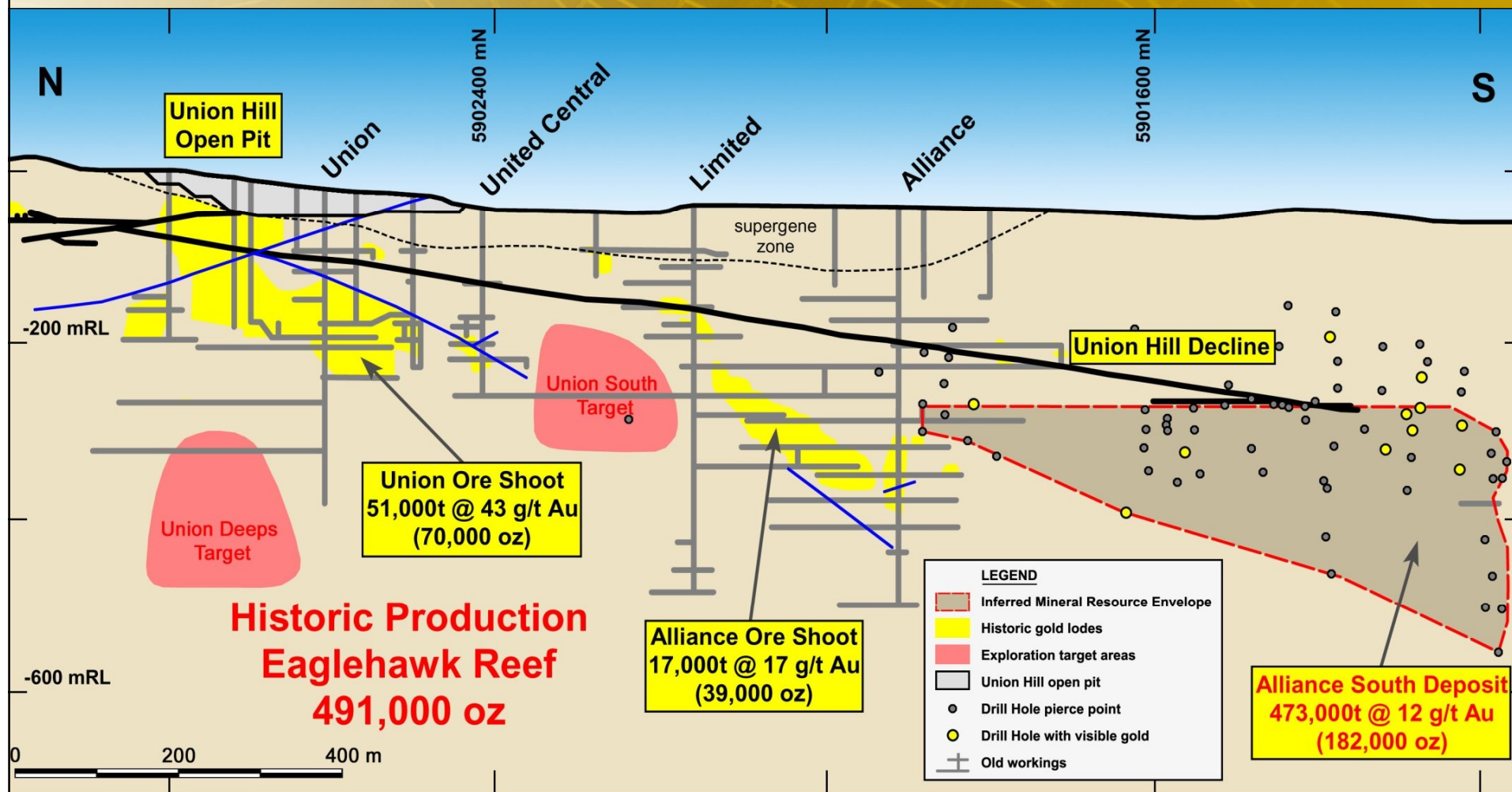
Portal of Union Hill Decline



Alliance South Reef

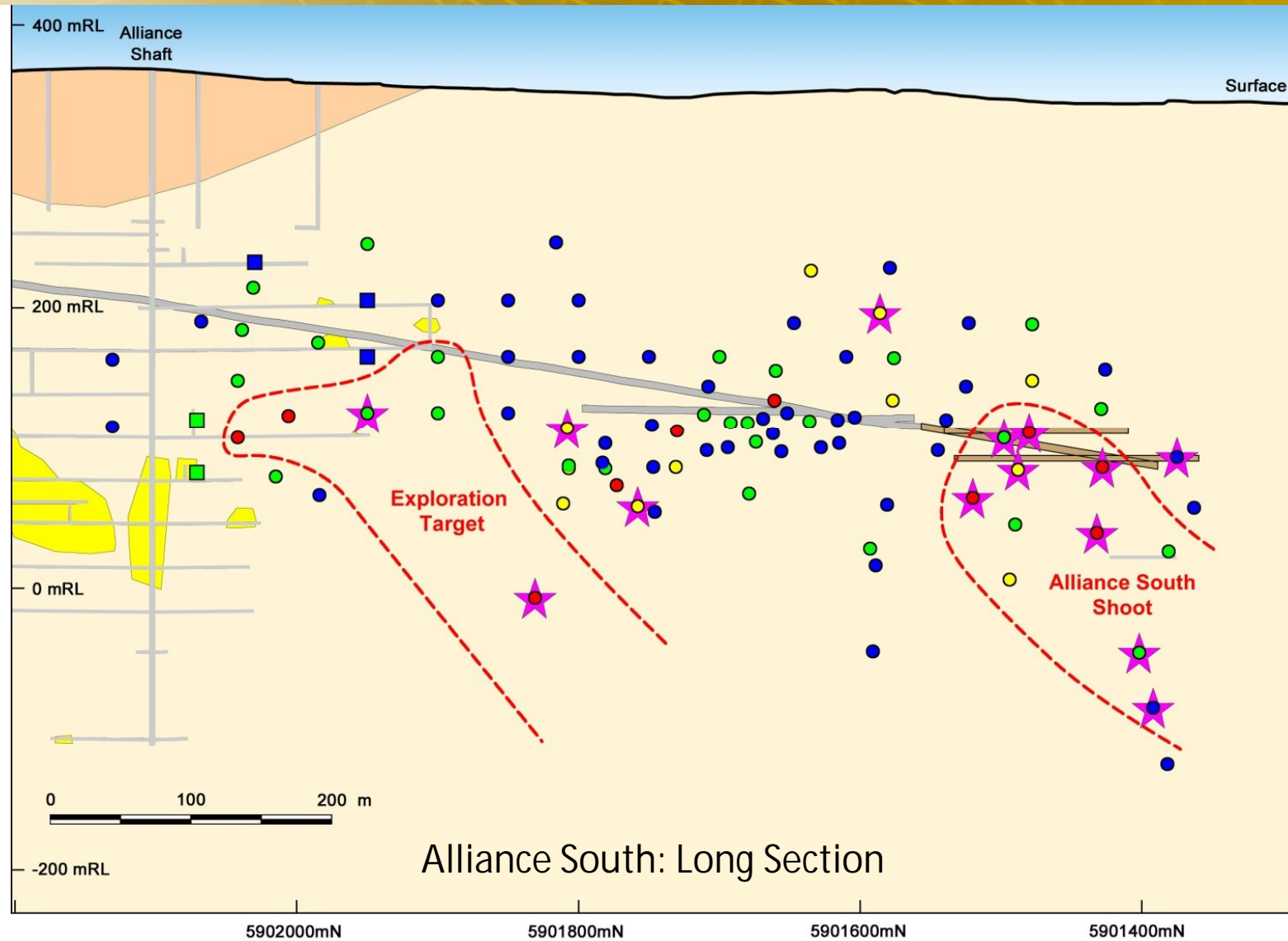
1: Refer to slide 30 – JORC Resource Inventory

Alliance South Deposit



Eaglehawk Reef: Long Section

Alliance South Mining



Central Maldon Shear Zone

Historic Production

1854 – 1920

1.47 million ounces

Nuggetty Reef: 301,000 oz

▶ Eaglehawk Reef: 491,000 oz

▶ Beehive Reef: 250,000 oz

▶ German Reef: 277,000 oz

▶ Victoria & Derby Reef: 150,000 oz

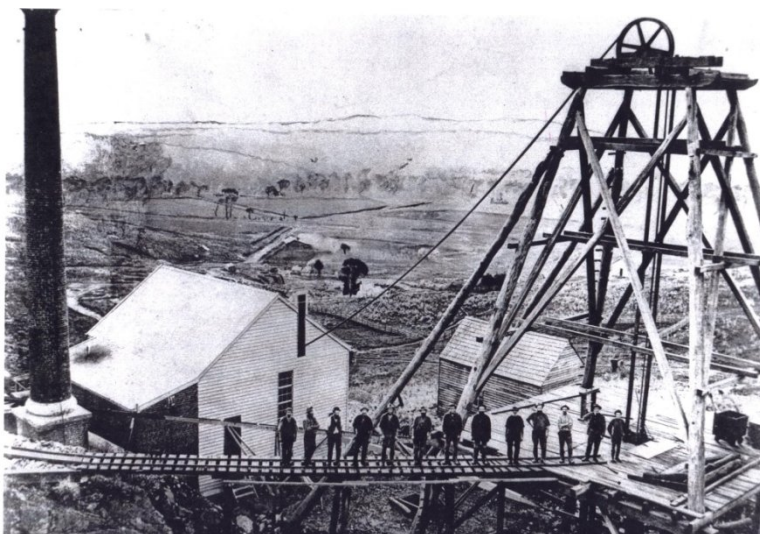
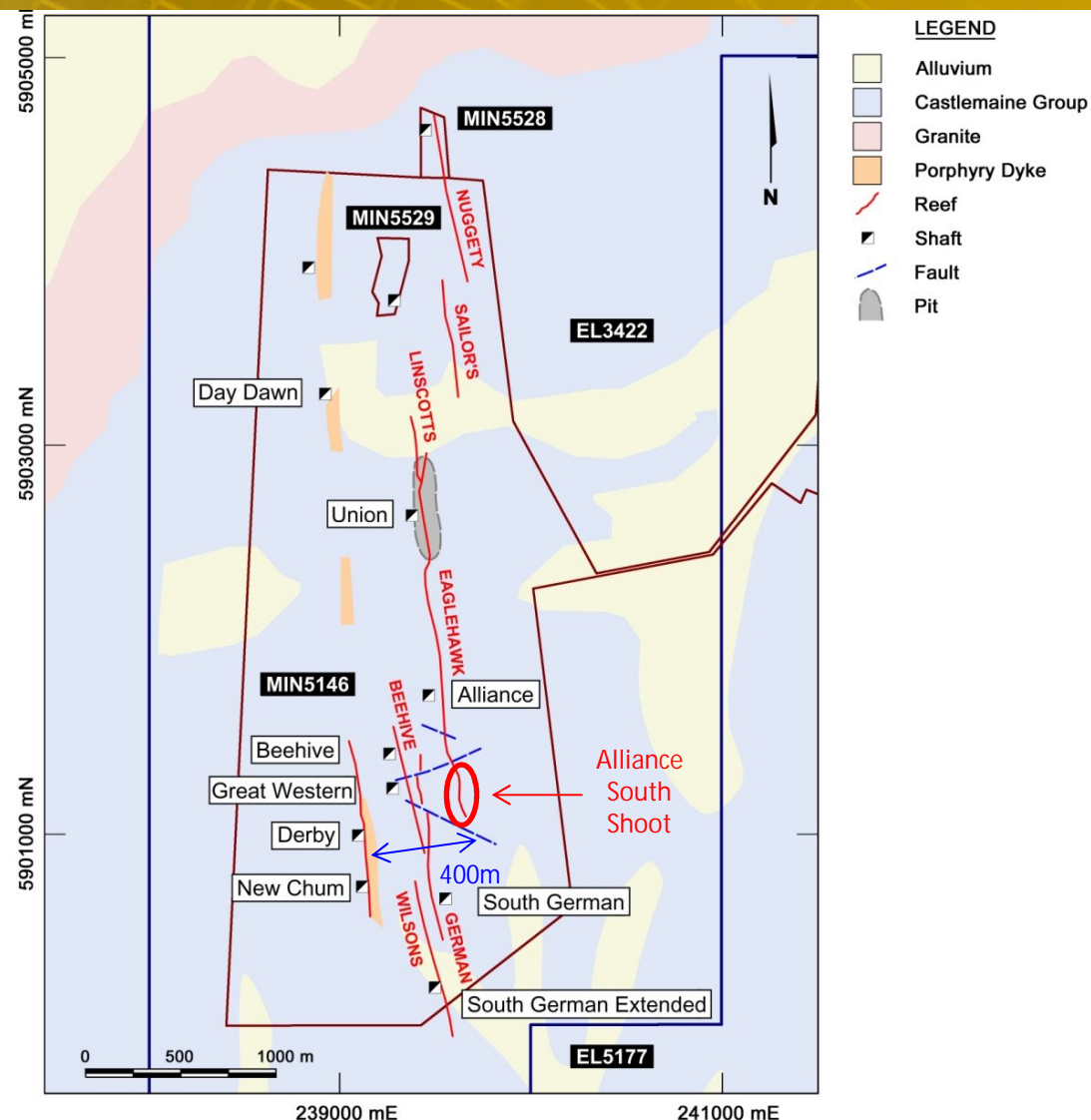


Photo: Nuggetty Alliance Shaft

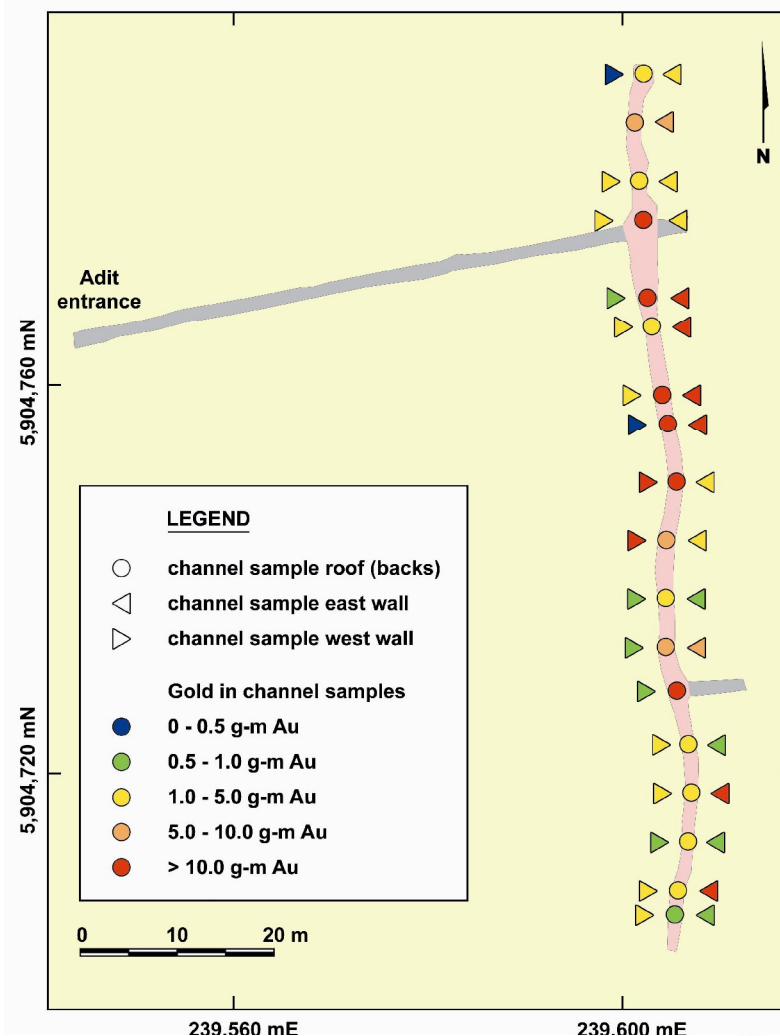
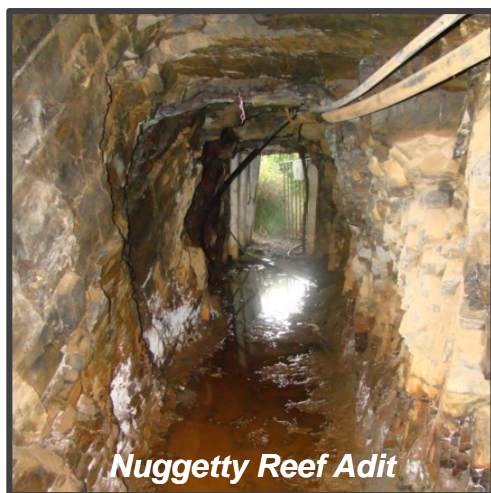


Nuggetty Reef Mine

Historic Production (1856 - 1866) 50,000t @ 187g/t Au for 301,000oz Au

2.5 kilometres from Maldon

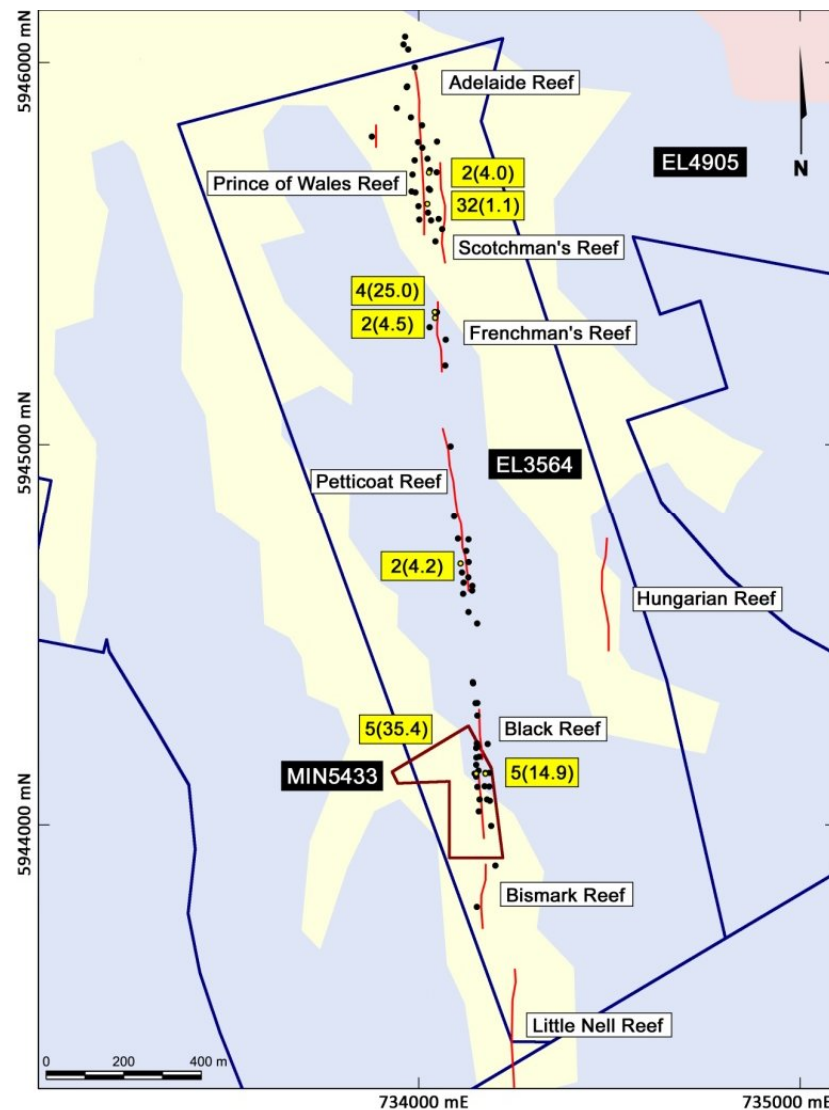
- ▶ Potential for significant remnant ore
- ▶ Accessed by 60 metre adit
- ▶ Channel sampling results:
 - 92m @ 4.8g/t Au roof (backs)
inc. 33m @ 8.2g/t Au
 - 92m @ 4.1g/t Au walls
inc. 20m @ 8.9g/t Au (east wall)
inc. 12m @ 11.1g/t Au (west wall)



Open Pit Mining

BLACK REEF - WEHLA

- ▶ 60 kilometres from Maldon
- ▶ 2.2 kilometre line of reef
- ▶ Prince of Wales Mine produced +60,000 ounces of high-grade gold
- ▶ Shear zone hosted structural setting
- ▶ Potential for a significant gold deposit



Black Reef - Wehla

30 metre deep pit planned on costean and drill results

Significant drill results:

B3: 5m @ 35.4 g/t Au

W13: 5m @ 14.9 g/t Au

BRRC02: 5m @ 2.4 g/t Au

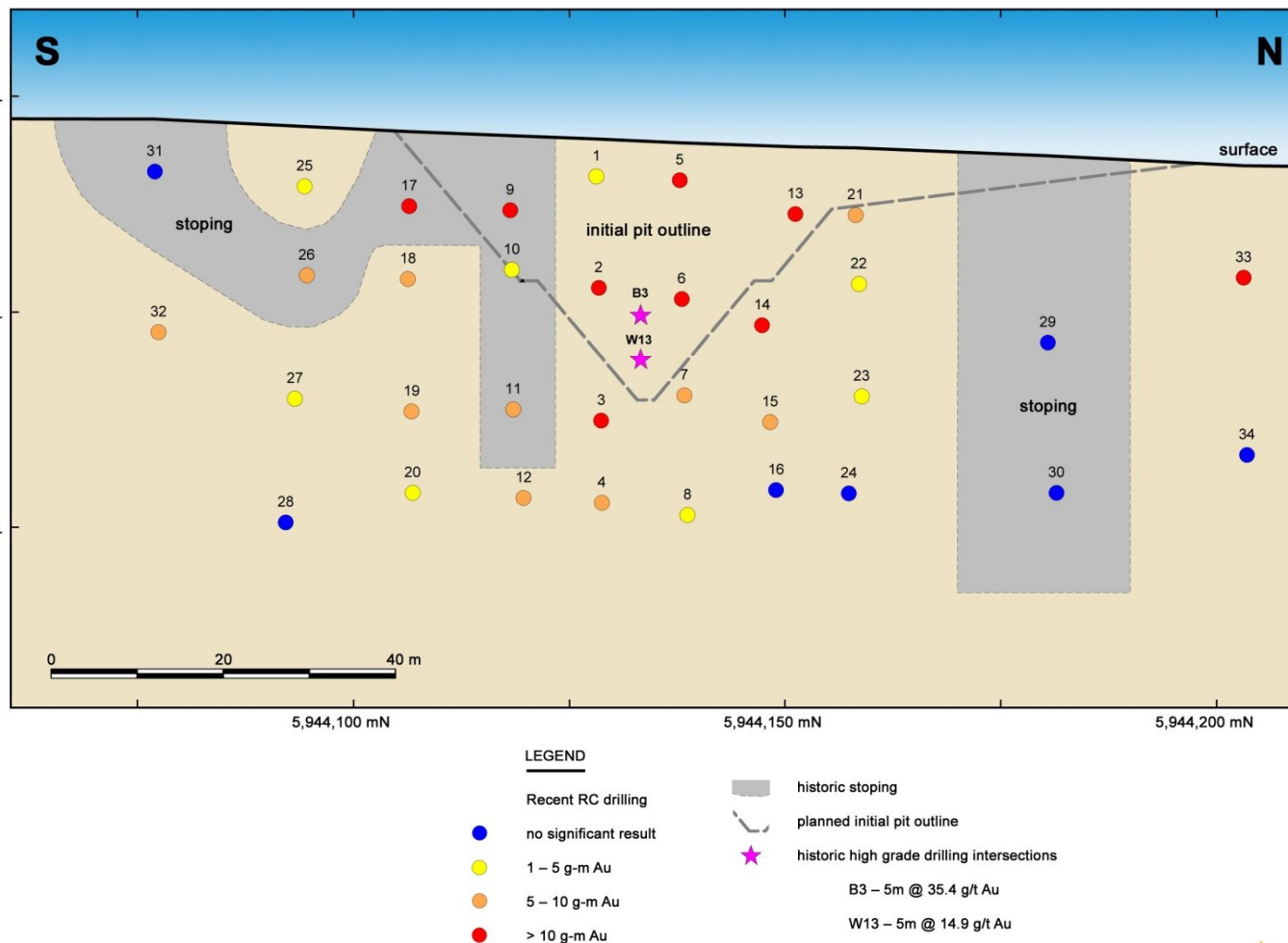
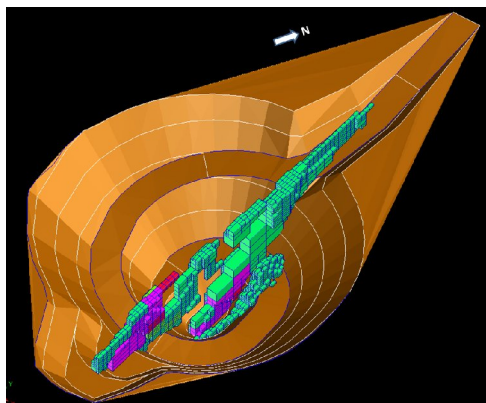
BRRC03: 7m @ 2.2 g/t Au

BRRC09: 2m @ 4.5 g/t Au

BRRC14: 3m @ 3.4 g/t Au

BRRC17: 1m @ 15.8 g/t Au

BRRC33: 1m @ 7.7 g/t Au



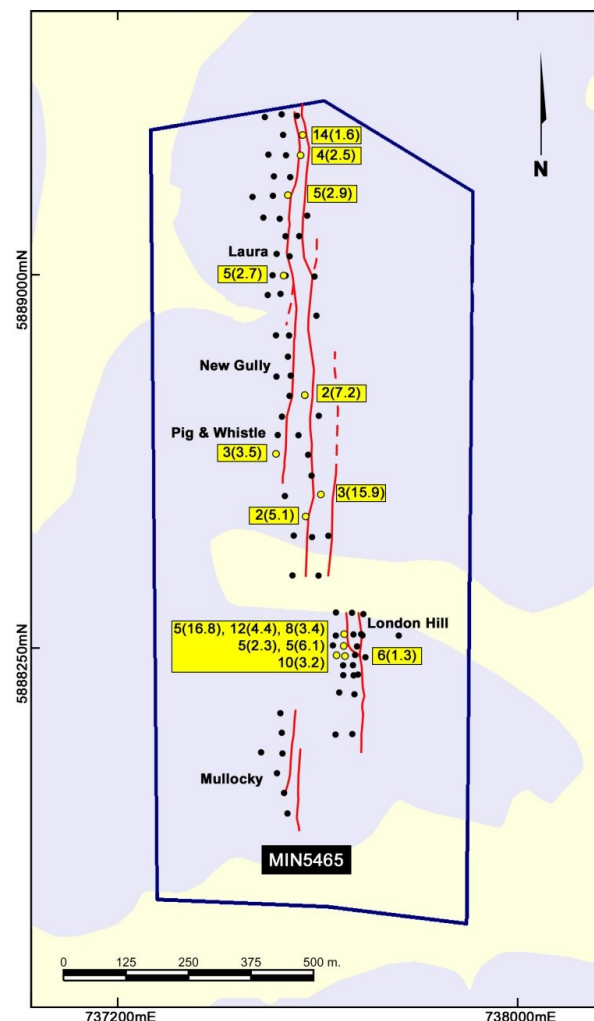
Black Reef - Wehla



PEARL CROYDON RESOURCE UPGRADE

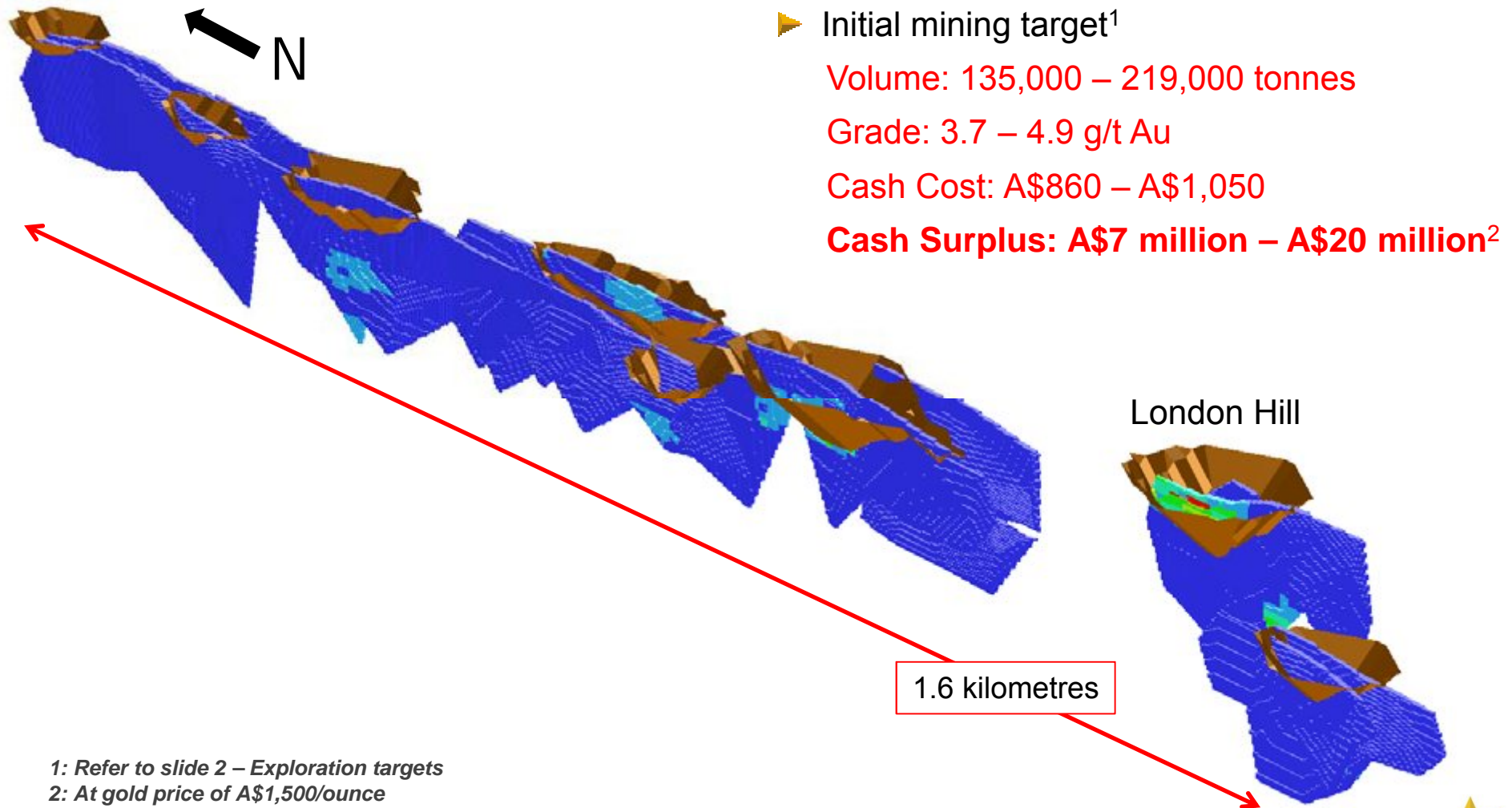
**Inferred Resource: 570,000 tonnes
grading 2.9 g/t Au for 53,000 ounces¹**

- ▶ 40 kilometres from Maldon
- ▶ 1,600 metre line of reef
- ▶ Broad spaced drilling
- ▶ Granted mining licence
- ▶ Significant results:
 - 2m @ 7.2 g/t Au
 - 3m @ 15.9 g/t Au
 - 5m @ 16.8 g/t Au
 - 5m @ 6.1 g/t Au
 - 10m @ 3.2 g/t Au



1: Refer to slide 30 – JORC Resource Inventory

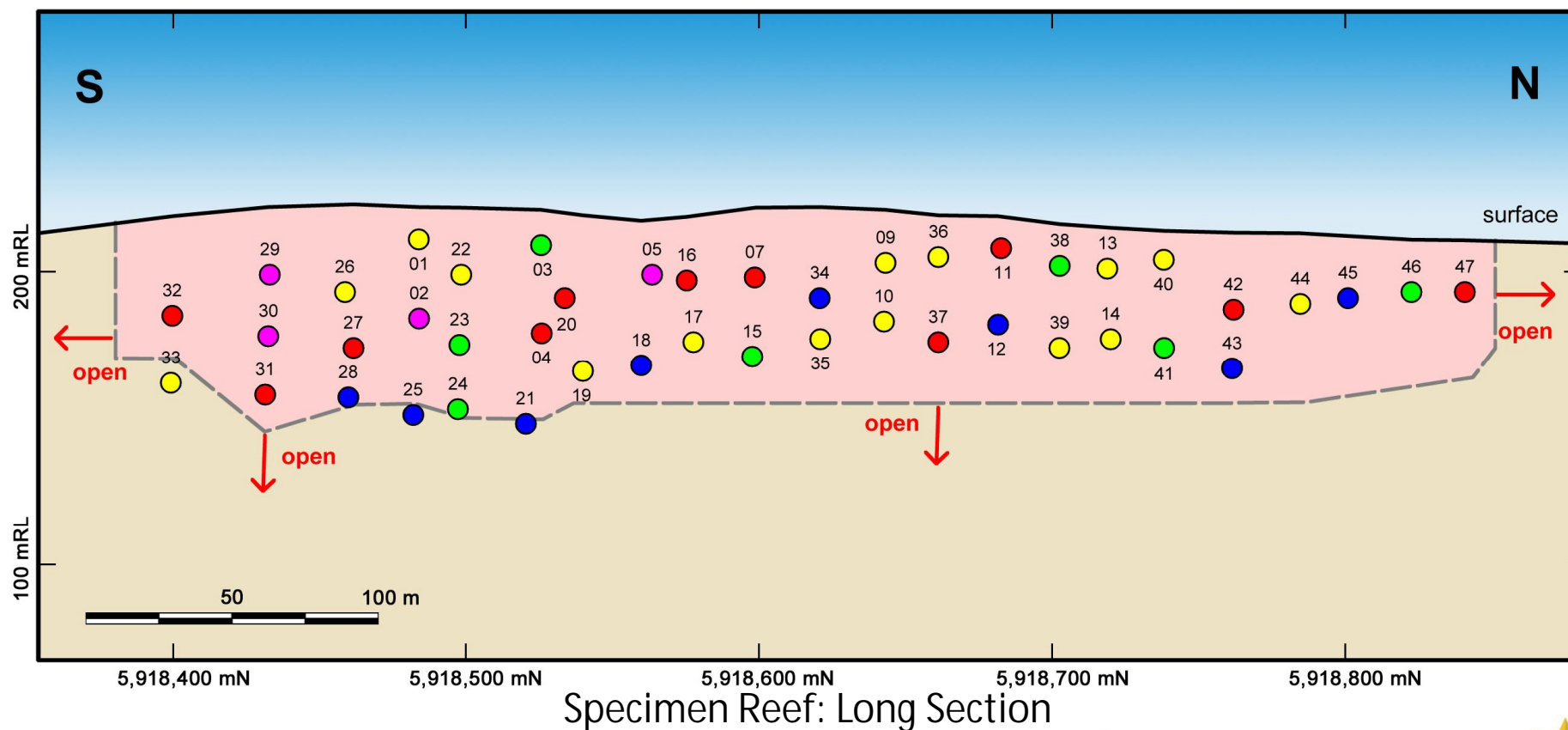
Open Pit Optimisation Study Results



SPECIMEN REEF - DUNOLLY EAST

- ▶ 30 kilometres from Maldon
- ▶ Greater than 1km line of reef

**Inferred Resource: 114,000 tonnes
grading 2.9 g/t Au for 10,500 ounces¹**



1: Refer to slide 30 – JORC Resource Inventory

KANGAROO FLAT GOLD MINE – BENDIGO

- ▶ 25 kilometres from Maldon
- ▶ 40,000t flotation concentrate tailings

Agreement – Unity Mining Ltd (ASX: UML)

- ▶ Octagonal manage and pay for 50% of all costs
- ▶ Octagonal receive 50% of gold produced



Excavator removing Kangaroo Flat tailings

Kangaroo Flat Tailings

December 2012 Quarter

▶ 6,430 tonnes processed

▶ 1,398 ounces produced

▶ Recovered grade: 6.5g/t Au



Ore Processing Agreement

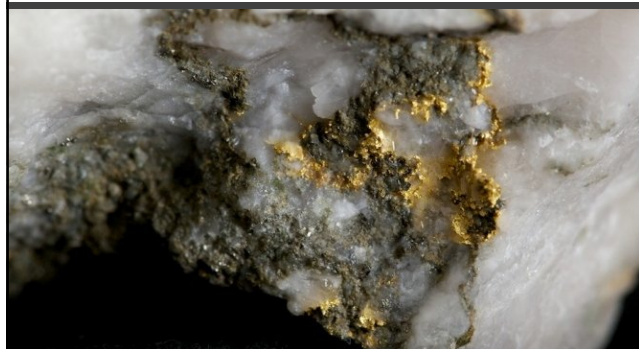
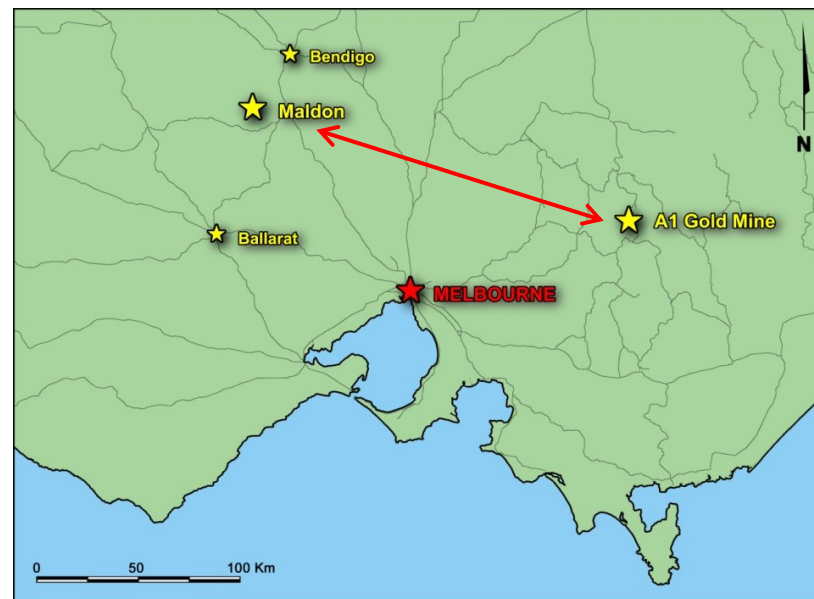


A1 GOLD MINE – WOODS POINT

- ▶ 200 kilometres from Maldon
- ▶ Historic production: 450,000 oz @ 30 g/t Au
- ▶ Quartz reef & vein stock work in mafic dykes

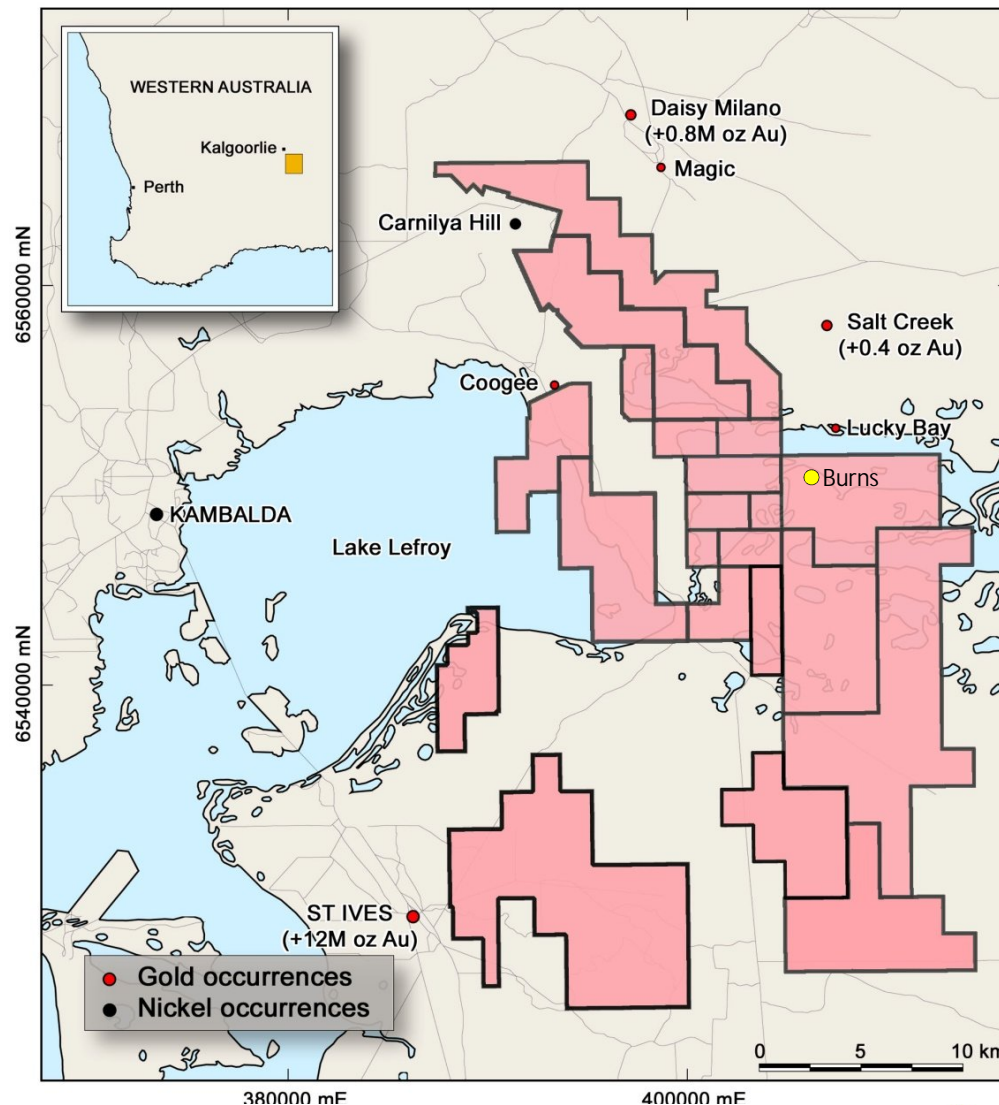
Agreement – A1 Consolidated (ASX: AYC)

- 3 year contract
- ▶ 50,000 tonnes per year
- ▶ Consideration:
 - Processing fee
 - 10% of gold produced



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
- ▶ Historic exploration:
 - 1,115 aircore holes
 - 44 RC holes
 - 1 diamond hole
- ▶ Octagonal exploration (18 months):
 - 957 aircore holes for 43,000 metres
 - 33 RC holes for 4,750 metres

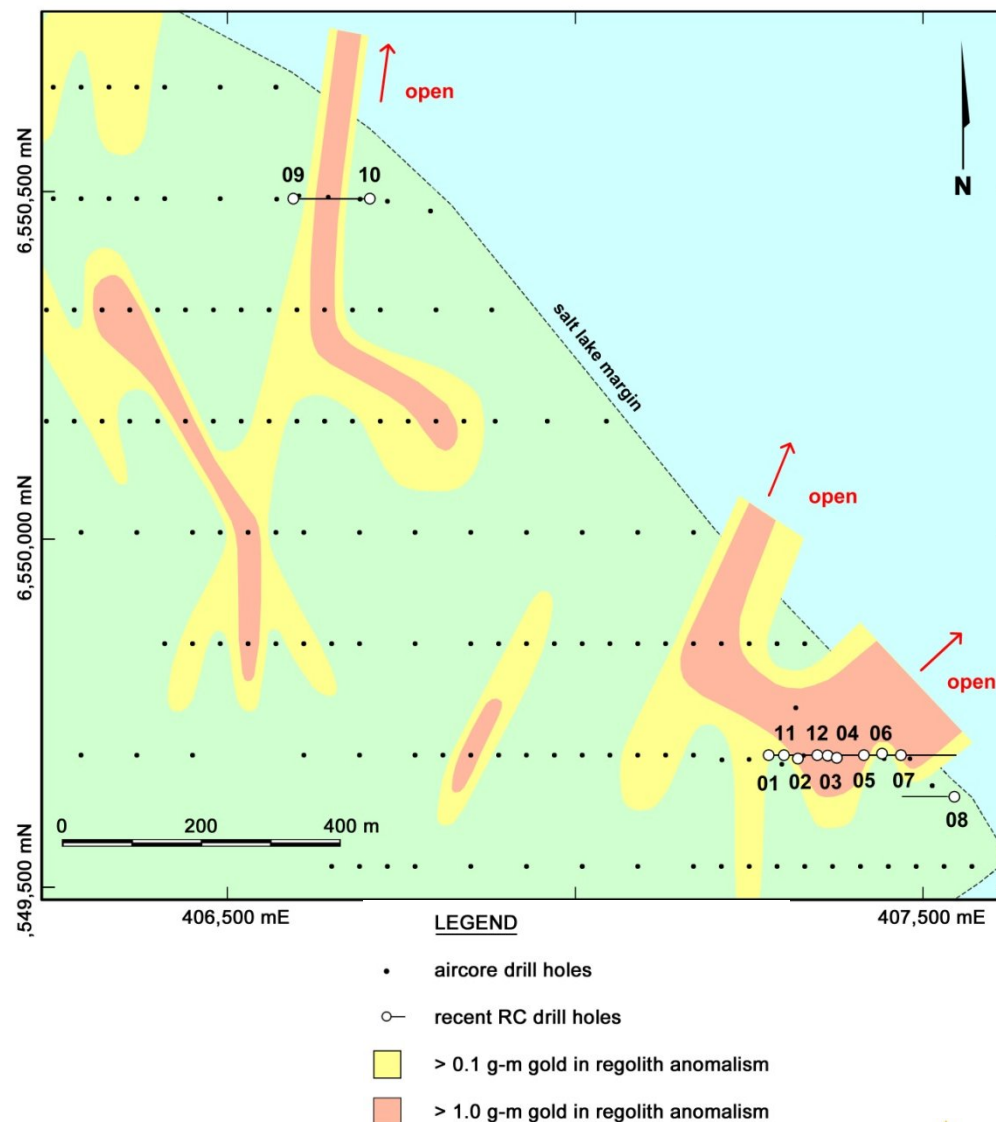


Burns Prospect



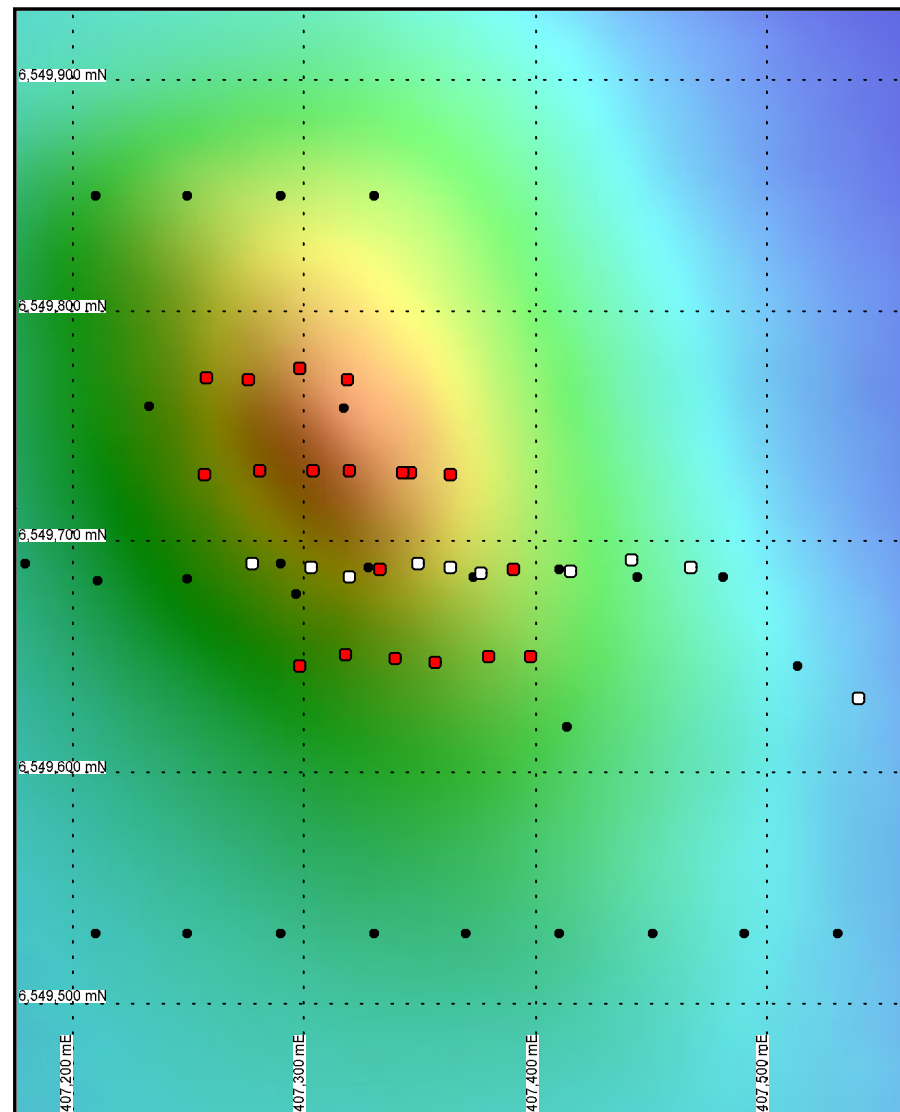
Octagonal
Resources Limited

- ▶ Discovery May 2011
160 metre by 640 metre spaced drilling
23 metres @ 0.5 g/t Au from 18 metres
- ▶ 272 aircore holes for 16,341 metres
40 metre by 160 metre spaced drilling
gold in regolith anomalism defined over one square kilometre
- ▶ Anomaly unconstrained by drilling beneath salt lake
- ▶ 33 RC holes for 4,750 metres
Four 40 metre spaced traverses
significant gold, copper and silver intersected
- ▶ Unique style of mineralisation
Gold, copper, silver association
No significant quartz veining or shearing
Magnetite-biotite alteration
Sulphide poor
No “typical” pathfinder elements



Burns Prospect

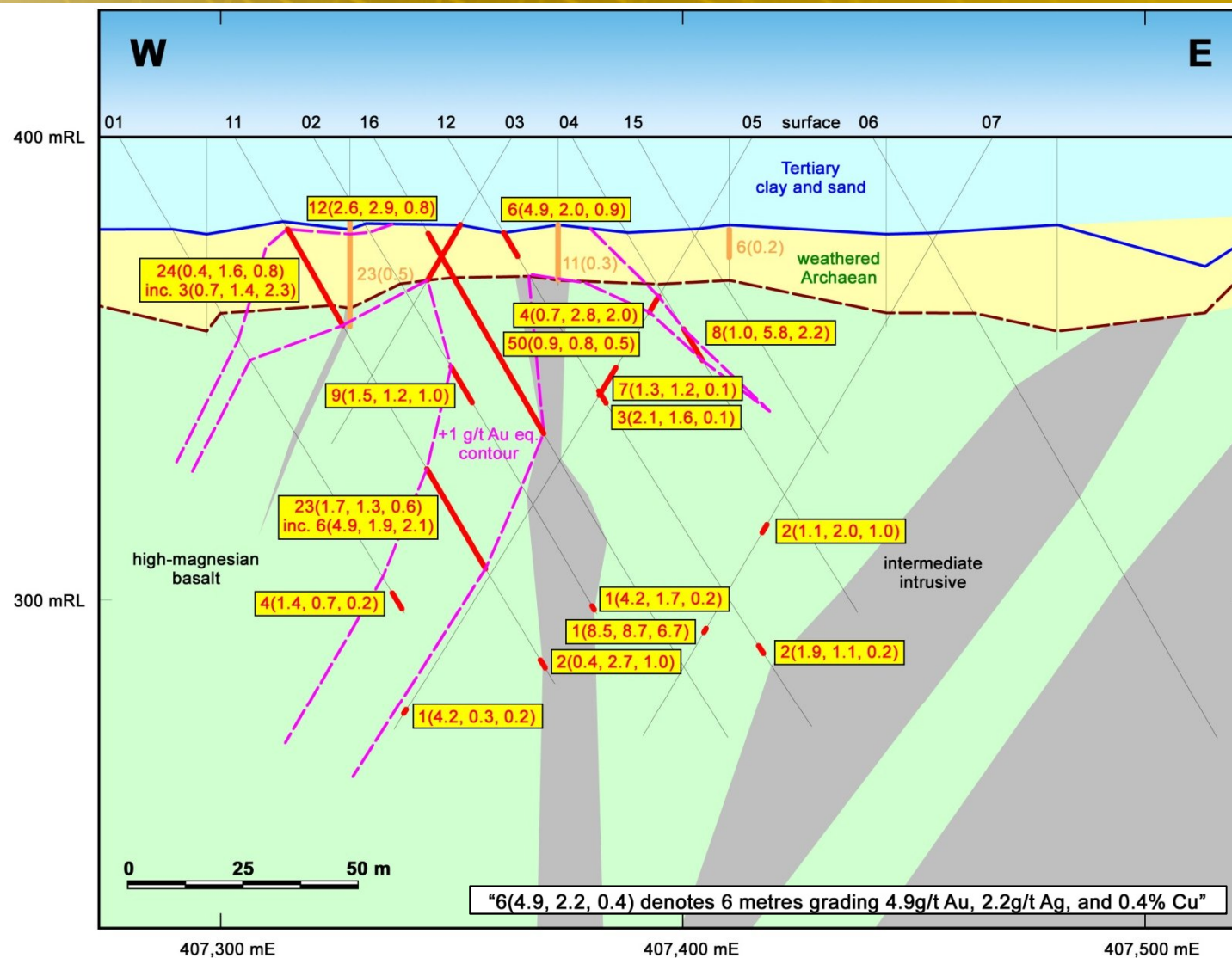
- ▶ Gold – copper – silver associated with magnetite alteration
- ▶ Anomaly dimensions:
length: 165 metres
width: 70 metres wide
- ▶ Priority exploration target



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, 1.9, 2.1)
 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)



Summary - Value Proposition



Company – structure and experience

106 m shares on issue, \$2.0 m cash (31 December 2012) (no options)

- ▶ Enterprise Value: \$12.8 m @ 14c
- ▶ Tight shareholding (top 20 shareholders own 66.7% of Company)
- ▶ Experienced board and management

Victoria – cash flow

+\$30 m sunk capital in 150,000 tpa CIL gold processing plant and 1,900m decline to underground resource (182,000 oz) ¹

- ▶ JORC-compliant Inferred Resources totalling 245,000 oz of gold ¹
- ▶ Underground and open pit mining – gold production commenced with third party ore
- ▶ 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 multi-commodity 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