



**Investor Presentation  
February 2014**

**Unity Mining Limited**

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# Disclaimer

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This presentation may contain certain forward-looking statements regarding (i) estimated resources and reserves, (ii) planned production and operating costs profiles, (iii) planned capital requirements and (iv) plans, strategies and corporate objectives. Such forward looking statements are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of Unity Mining Limited.

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The Company estimates its Mineral Resources and Ore Reserves in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, 2012 Edition (“JORC Code”), which governs such disclosures by companies listed on the Australian Securities Exchange.

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# Unity Highlights

- Australian gold **producer** with strong growth pipeline
- Potential to extend and expand existing mine life and optimise operations
- Development project in NSW with 5+ year proven mine life offering **diversification** and opportunity to **increase revenue** and **reduce costs**.
- Highly prospective large tenement packages near existing projects
- Bendigo assets - opportunity to use at NSW project and/or sell
- Set to become a diversified mid-tier gold producer – **100,000 oz/y production profile**

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# Overview

**Unity Mining Limited is an Australian listed gold producer and explorer, with cashflow and a strong growth pipeline**

- **Four key assets:**
  - Henty Gold Mine (Tasmania) – Producing 40-50,000 oz/year, 4+ year mine life, strong potential to extend
  - Dargues Gold Mine (NSW) – targeting 50,000 oz/year, 5+ year initial mine life. Open laterally and at depth with excellent exploration upside.
  - 29.7% holding in Goldstone Resources – AIM listed, 602 koz Mineral Resource, exploration programs underway in Ghana, Senegal and Gabon
  - Bendigo Goldfield (Victoria) – Proven plant on care & maintenance ,with 22 Moz historical production from the area
- **Cash at bank: \$9.7m (31 Dec 2013), no debt, no hedging**
- **Value creation for shareholders through development of the Dargues Gold Mine**
  - Technical reviews and optimisations of Dargues project are underway (“Project 30”), targeting capex & opex savings totalling c.\$30M over the initial 5 year mine life
- **Goal to become a diversified mid-tier gold producer – 100,000 oz/y production profile**



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# Board of Directors

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<p><b>Clive Jones</b> Non-Executive Chairman</p>		<ul style="list-style-type: none"> <li>▪ Geologist with over 25 years' experience in the minerals industry</li> <li>▪ Formerly Non-Executive Chairman and founding director of Cortona Resources Limited</li> <li>▪ Joint Managing Director of Cazaly Resources Limited, Chairman of Corazon Mining Limited and Non-Executive Director of Bannerman Resources Limited</li> </ul>
<p><b>Andrew McIlwain</b> Managing Director and Chief Executive Officer</p>		<ul style="list-style-type: none"> <li>▪ Mining engineer with 25 years' experience in the mining industry</li> <li>▪ Formerly at Mount Isa Mines Limited, Central Norseman Gold Corporation, WMC Resources and Lafayette Mining Limited</li> <li>▪ Joined Unity in December 2011</li> </ul>
<p><b>Ronnie Beavor</b> Non-Executive Director</p>		<ul style="list-style-type: none"> <li>▪ Investment banker with extensive experience in the natural resources industry</li> <li>▪ Former head of investment banking at N M Rothschild &amp; Sons (Australia) Limited between 1997 and 2002</li> <li>▪ Joined the Unity board in November 2002</li> </ul>
<p><b>David Ransom</b> Non-Executive Director</p>		<ul style="list-style-type: none"> <li>▪ Geologist with 35 years' experience in the minerals industry</li> <li>▪ Resource analyst and principal of Acorn Capital Limited, a Melbourne-based microcap investment manager</li> <li>▪ Joined the Unity board in November 2007</li> </ul>
<p><b>Gary Davison</b> Non-Executive Director</p>		<ul style="list-style-type: none"> <li>▪ Mining Engineer with over 35 years worldwide experience in the mining industry</li> <li>▪ Managing Director of mining consultancy, Mining One Pty Ltd</li> <li>▪ Joined the Unity board in September 2013</li> </ul>

# Corporate

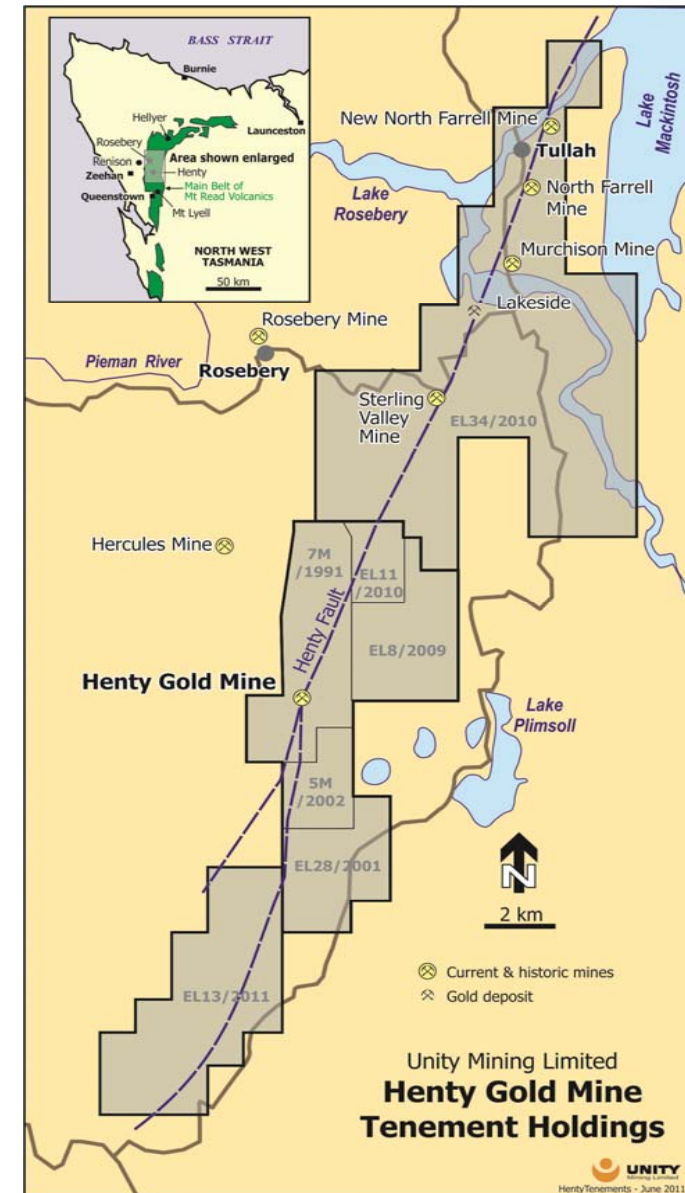
- ASX: UML
- Share price: \$0.044, 12mth High/Low : \$0.12/\$0.035
- 702M ordinary shares
- Mkt Cap: A\$31 million
- Cash at bank: A\$9.7 million (31 Dec 2013)
- No debt, no hedging
- Substantial shareholder:
  - LionGold Corp 13.2%



- Overview
- **Henty Gold Mine**
- Dargues Gold Mine
- Bendigo Project
- GoldStone Resources
- Conclusion

# Henty Overview

- Located in mineral-rich Mt Read Volcanic Belt on the West Coast of Tasmania
- Commenced production in 1996
- 5 different owners in 10 years; Unity owner/operator since July 2009
- Significant ground position
  - Now hold ~160 km<sup>2</sup> (~30 km<sup>2</sup> in July '09)
  - Firetower farm-in adds further 264 km<sup>2</sup>
- 296 koz resources @ 5.2 g/t (incl. 121 koz reserves at 5.4 g/t)



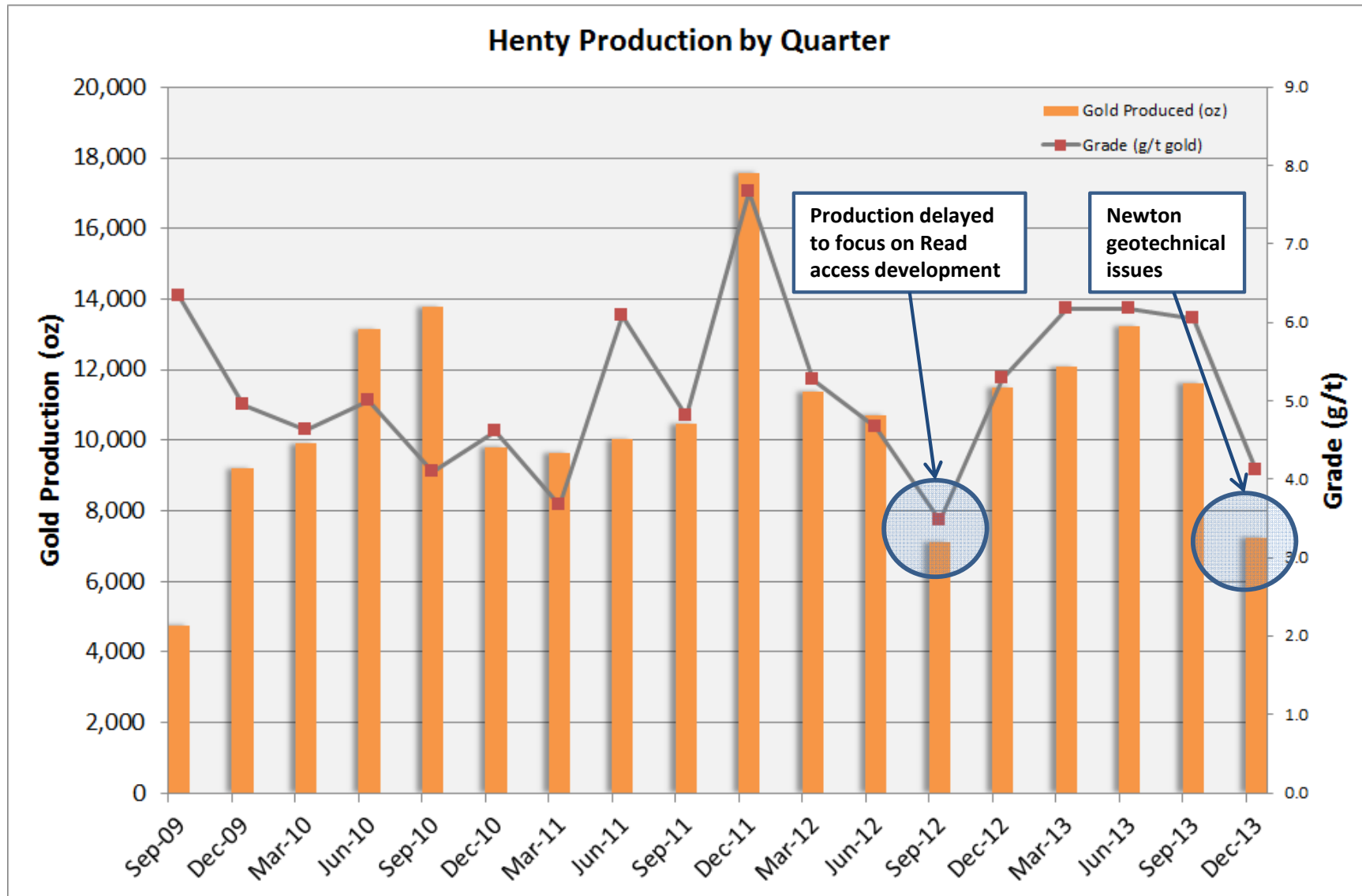


# Henty Production

- Since acquisition from Barrick, Unity has achieved a six-fold increase in the resources inventory and has mined 200,000 oz.
- Reserve life (net of mining) has remained at ~2 years
- A lack of multiple production headings has been the key driver of production volatility over recent years
- Increased investment in development and drilling is expected to increase reserves, mine life and production predictability
  - Larger reserves will allow for additional operating areas underground – increase reliability of production
  - Longer mine life will allow for payback of capital on optimisation initiatives

# Henty Production History Since Acquisition

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# Henty Production Update

- December 2013 Qtr was impacted by a lack of multiple ore sources
- Production of 7227 oz gold (mined grade of 4.1 g/t gold) at cash operating cost (incl. royalties) of \$1498/oz
- Geotechnical instability of a Newton stope in October 2013 saw the delay of approx. 80% of the tonnes and 60% of the ounces scheduled to come from the Newton orebody in the quarter.
- Cost impact compounded by the need to develop a new drive (in waste) to bypass the affected area
- Bypass now completed – expect tonnages to pick up through March quarter
- **January 2014 Production of 3616 oz at cash operating cost of \$877/oz**
- **Production Guidance of 40-50,000 oz for FY14 re-affirmed**

# Henty Improvement Initiatives

- A number of initiatives are in progress, targeting improvements in the overall performance of the business and a sustainable reduction in costs
- Initiatives range from straight cost savings to productivity improvements
- Benefits from these improvements will start to take effect over the next few months



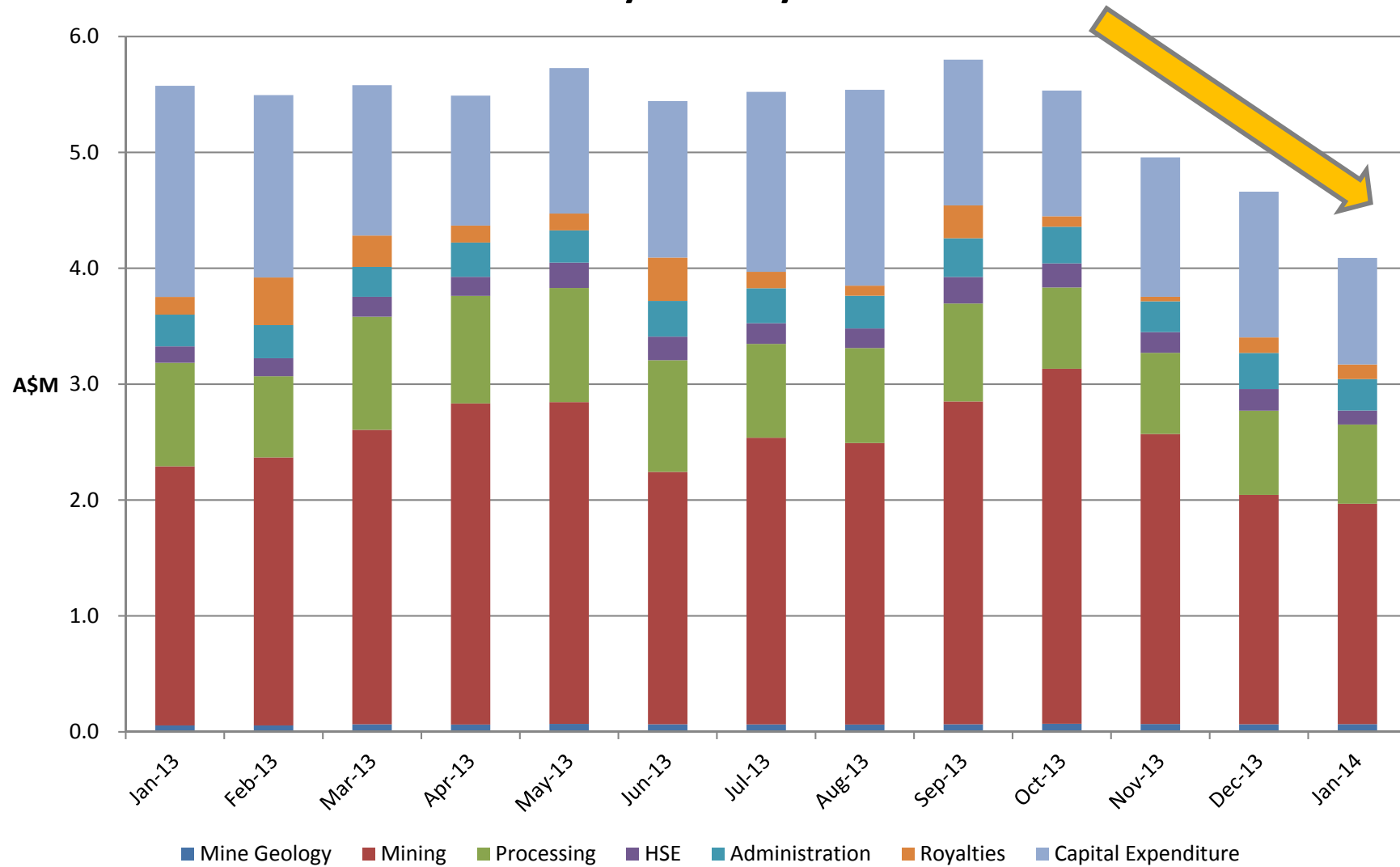
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## Recent cost reduction initiatives .....

- Reduction of a total of 31 personnel – 20% reduction;
- Suspension of shaft hoisting and trucking directly to surface ROM;
- Standing down equipment and increasing the utilisation of the equipment remaining in service;
- Reduction of all discretionary expenditure;
- Reduction in regional exploration program;
- Reduction in power consumption through campaign milling and use of timers on key electrical equipment; and
- Rebidding/renegotiation of supply contracts
  - Change in power pricing mechanism
- **These and other initiatives are projected to deliver average cash costs in the second half of under \$1000/oz**

# ....and the results are already showing

## Henty monthly cost



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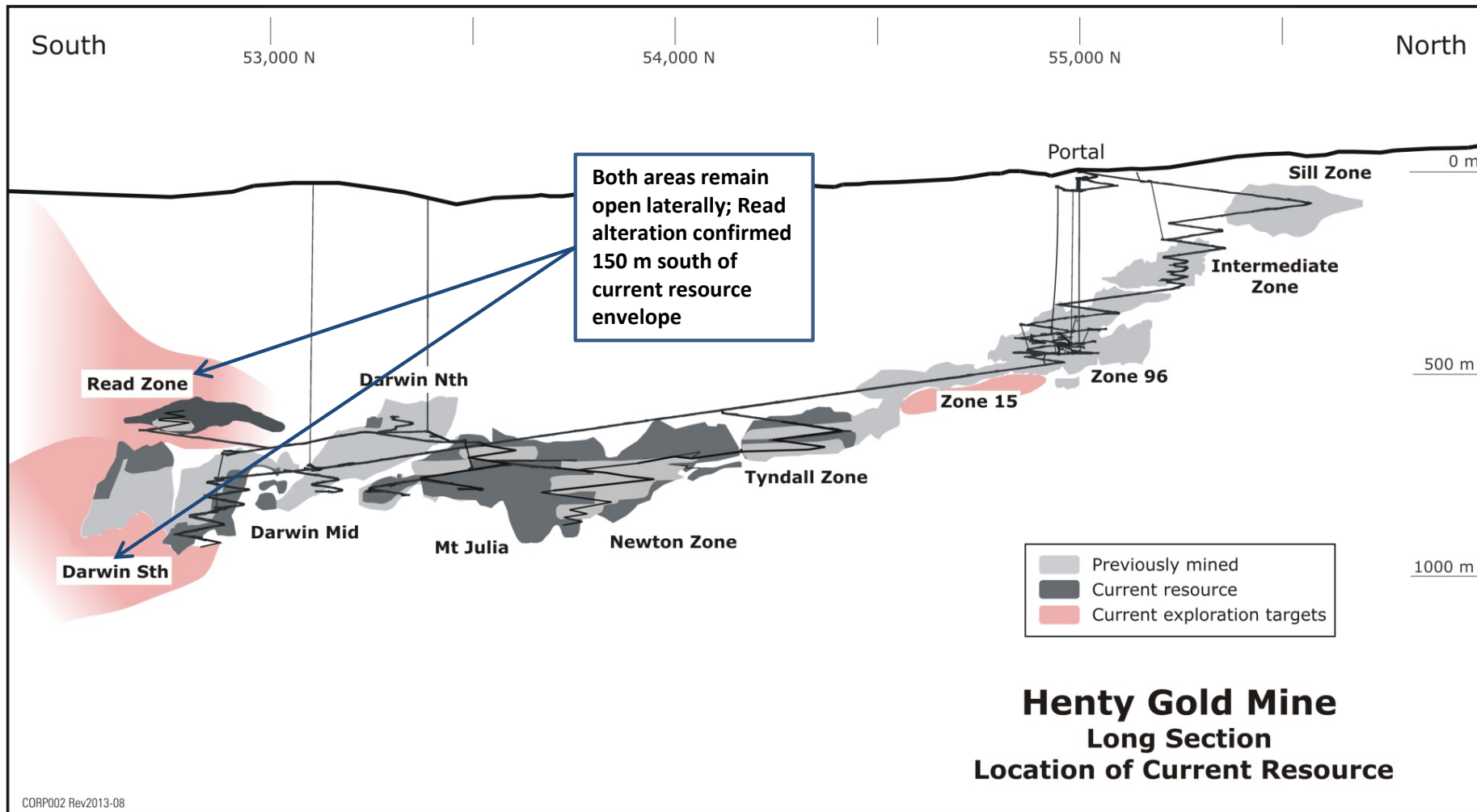
# Further cost reduction opportunities

- Further rationalisation of personnel;
- Equipment review – opportunities to reduce further. This will particularly focus on ancillary equipment;
- Regional exploration – review of tenement portfolio and workplans to reduce expenditure requirements; and
- On-site production of selected process reagents to reduce logistics costs

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# Henty Long Section

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**Henty Gold Mine  
Long Section  
Location of Current Resource**

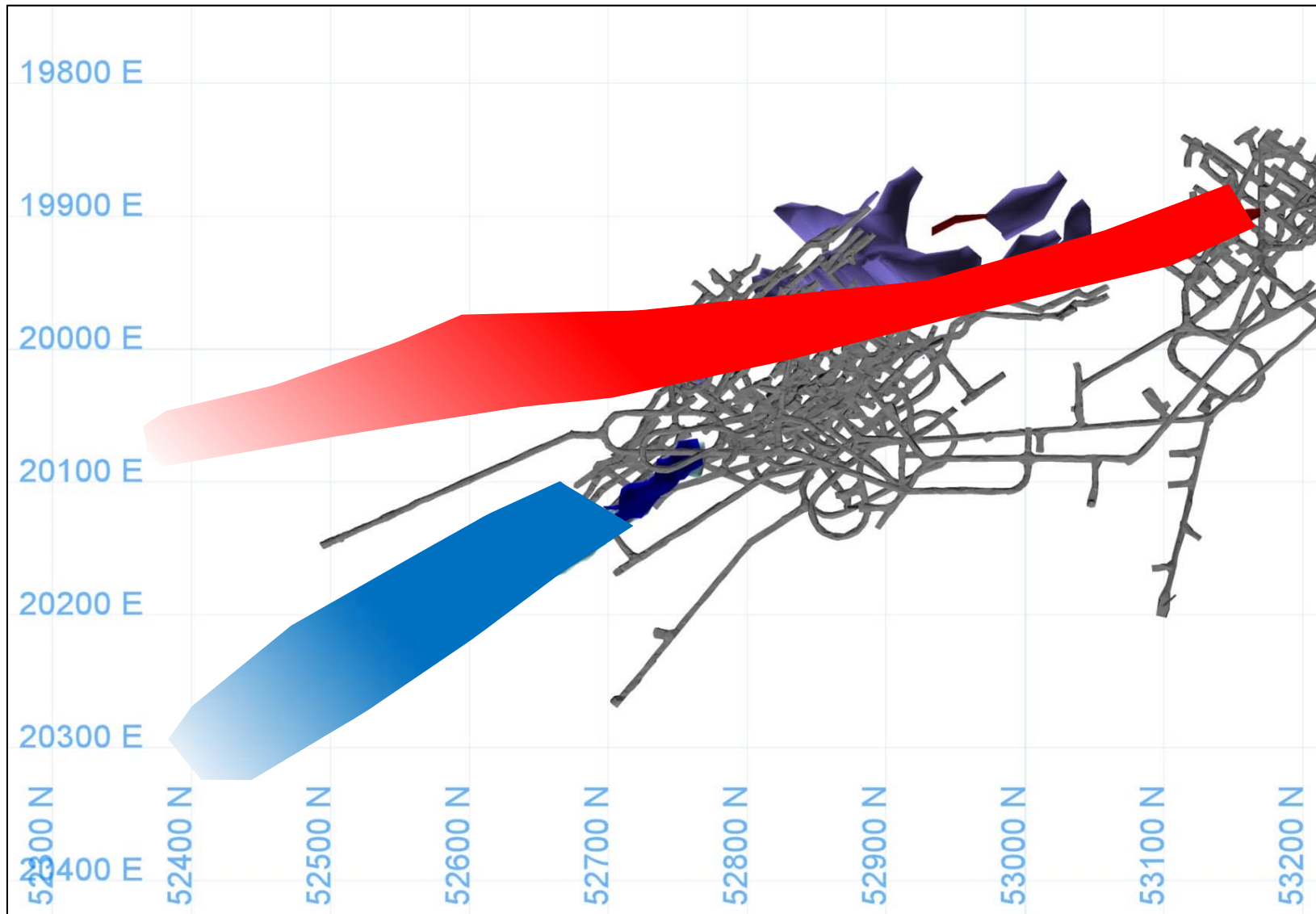
CORP002 Rev2013-08

	Read Zone	Darwin Sth	Darwin Mid	Darwin Nth	Mt Julia	Newton	Tyndall	Zone 15	Zone 96	Intermediate	Sill Zone
Production	12,300 oz	326,400 oz	74,900 oz	44,200 oz	69,400 oz	36,800 oz	54,400 oz	76,400 oz	285,600 oz	90,400 oz	218,900 oz
Grade	11.5 g/t gold	9.8 g/t gold	6.5 g/t gold	5.7 g/t gold	7.5 g/t gold	4.2 g/t gold	6.1 g/t gold	10.4 g/t gold	17.5 g/t gold	14.7 g/t gold	21.0 g/t gold

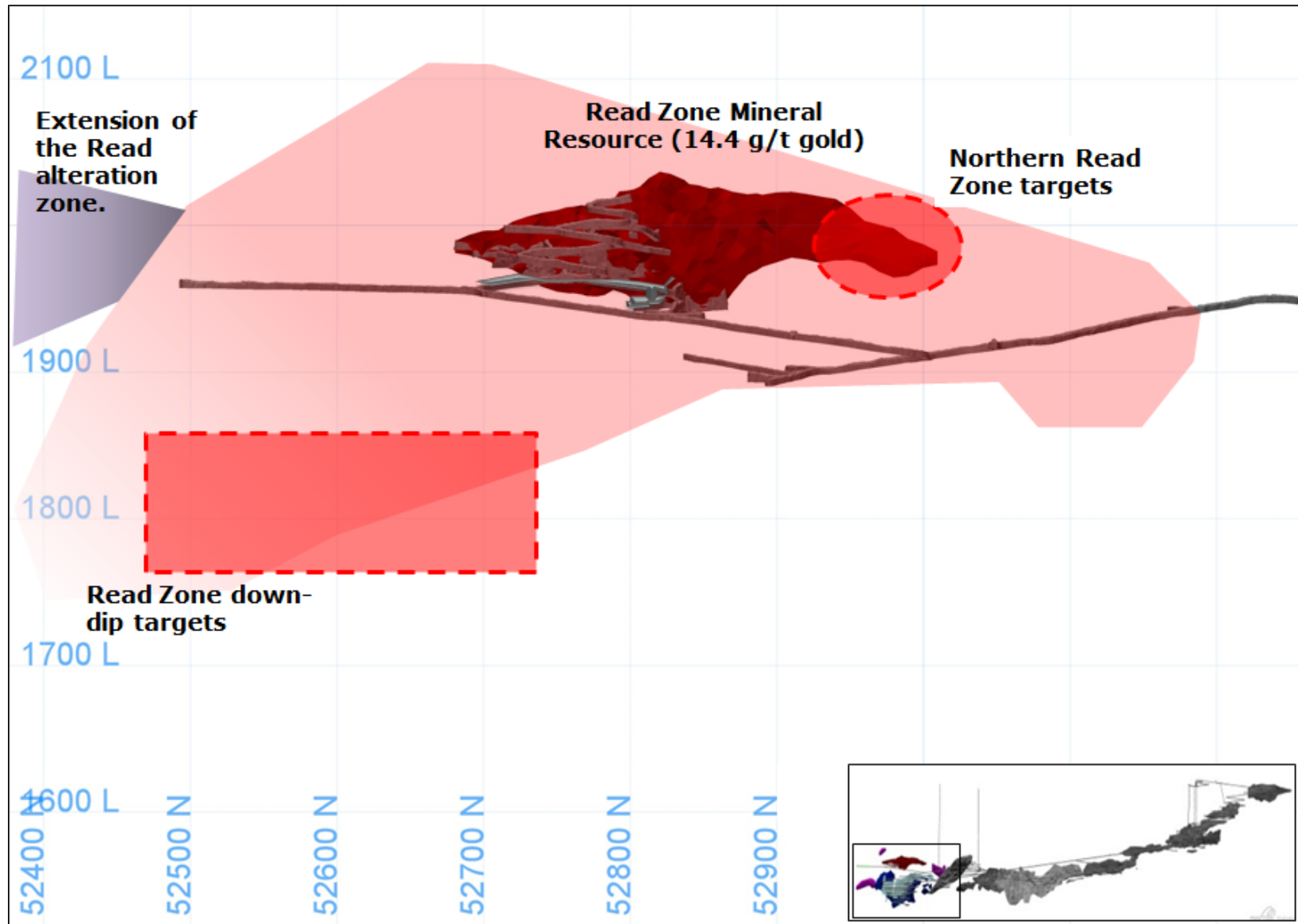


# Plan view of Read and Darwin South

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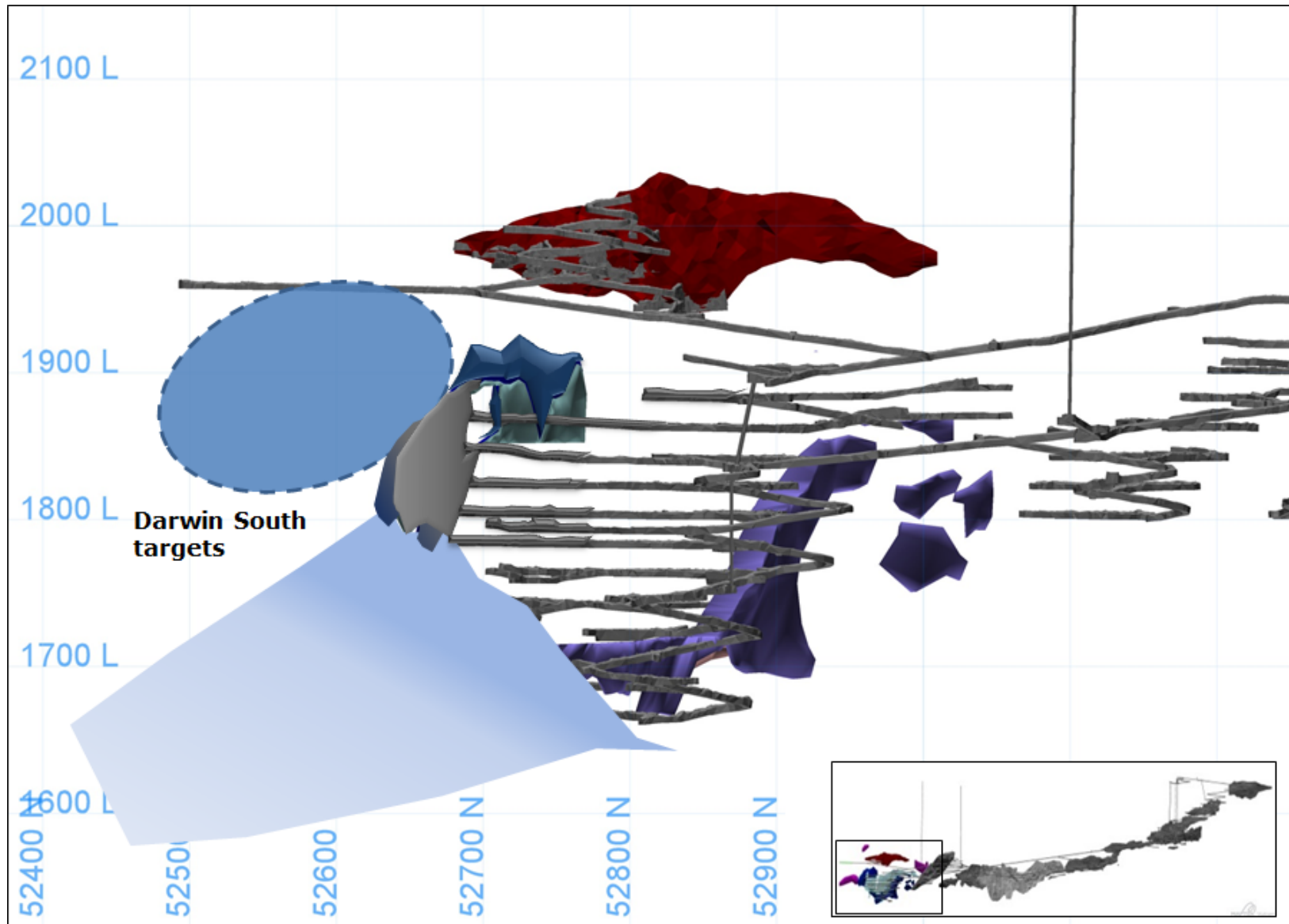
# Read Zone – Drilling continues to expand zone



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# Darwin South – also open to the south

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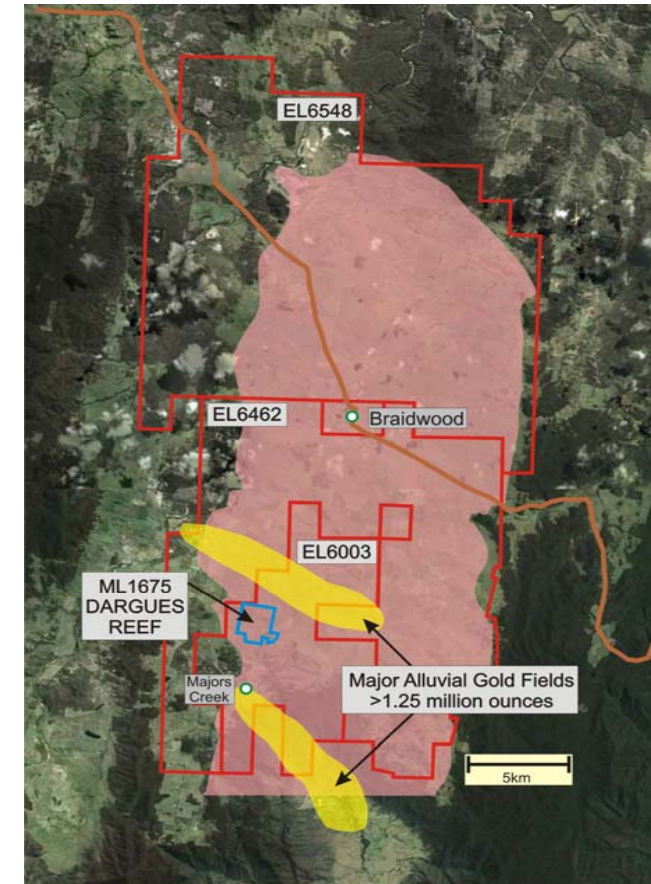
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# Dargues Project Overview

- Located in NSW, approx. 60km south-east of Canberra in the Lachlan Fold Belt
- Proposed underground mine to produce approximately 50,000oz gold pa. over an initial 5 year mine life
- Estimated cost to complete of \$70M\*, excl. targeted savings from “Project 30” initiatives of \$8.9M
- Estimated cash operating cost of \$700/oz\*\*
- Completion of engineering and optimisation studies currently underway
- Resources: 1.6Mt at 6.3g/t for 327 koz gold
- Reserves 1.4Mt at 5.2g/t for 233 koz gold
- Deposit remains open at depth
- Excellent near mine & regional exploration upside

\* Assumes gold concentrate processing at Kangaroo Flat processing plant and includes payment of \$3M to Moly Mines by 30 June 2014 in settlement of a deferred royalty obligation

\*\* Net of state royalties and silver credits



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# Targeted cost reductions – “Project 30”

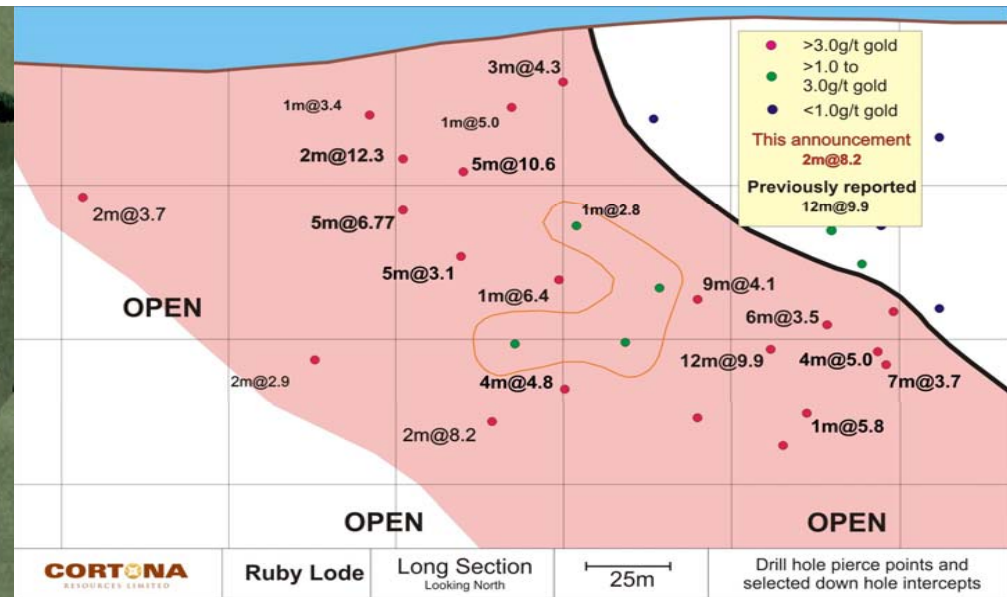
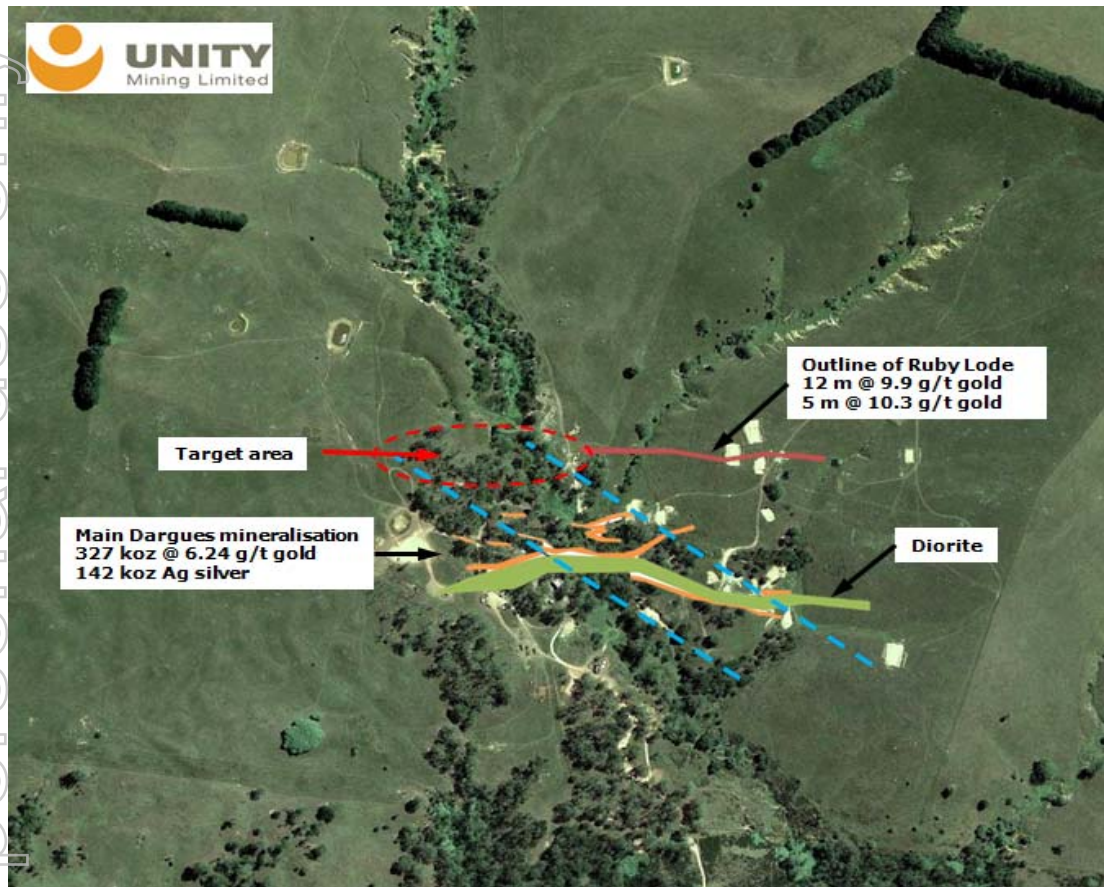
- Review and optimisation of key elements of the Dargues project to identify project optimisation and de-risking opportunities
- Targeted cost saving of \$30M from a combination of capital and operational cost over the initial 5-year life of the project compared with the current project financial model
- Examples:
  - \$12.1 million targeted saving over the life of the project through further optimisation of the mine layout and schedule and reviewing owner operator vs. contract mining.
  - \$9.9 million targeted saving (\$2.5 million operating and \$7.4 million capital) through further optimisation of operating costs and reduction in plant capital costs through alternative engineering and procurement solutions .

# Preliminary Earthworks Now Complete

- Access road, ROM pad and box cut excavation all completed
- Installation of boxcut ground support (cable bolts and shotcrete) also completed



# Dargues Exploration Upside



- Recent drilling of the Dargues Main Lode also encountered highgrade mineralisation below the reserve boundary
  - 13 m at 7.4 g/t, incl. 4 m at 12.8 g/t gold

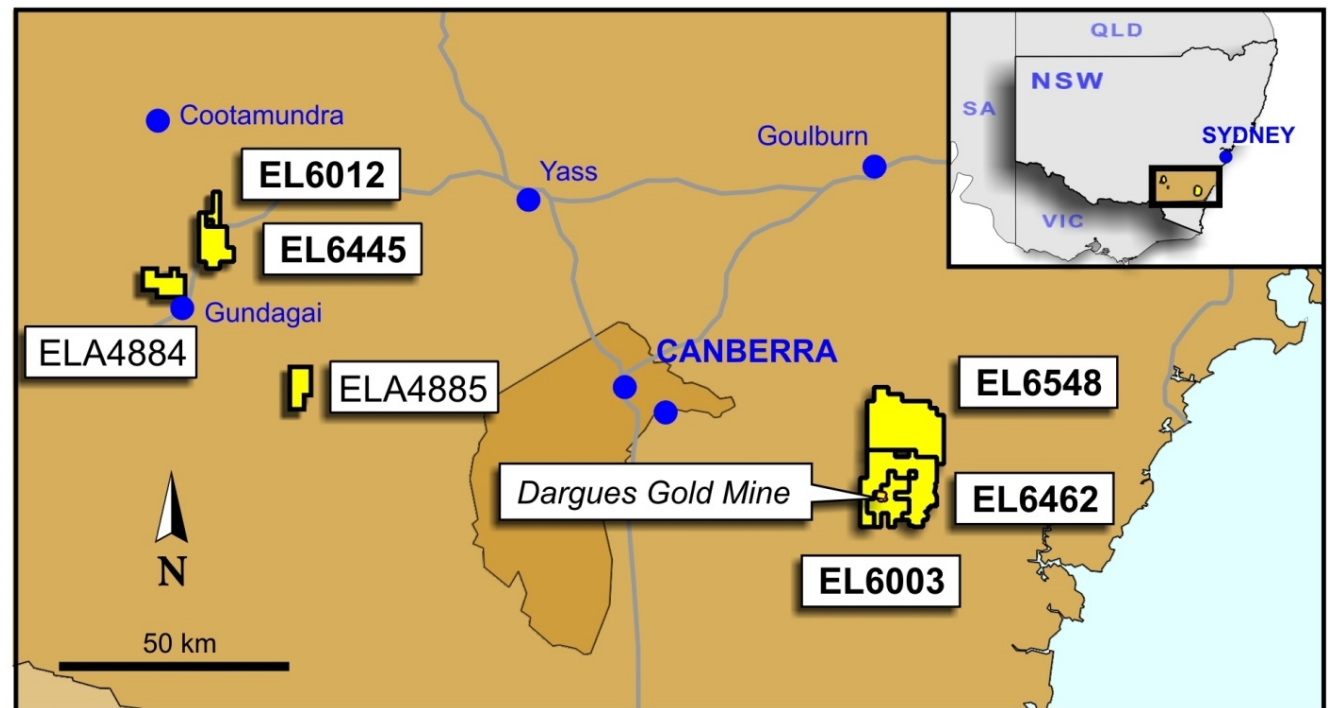
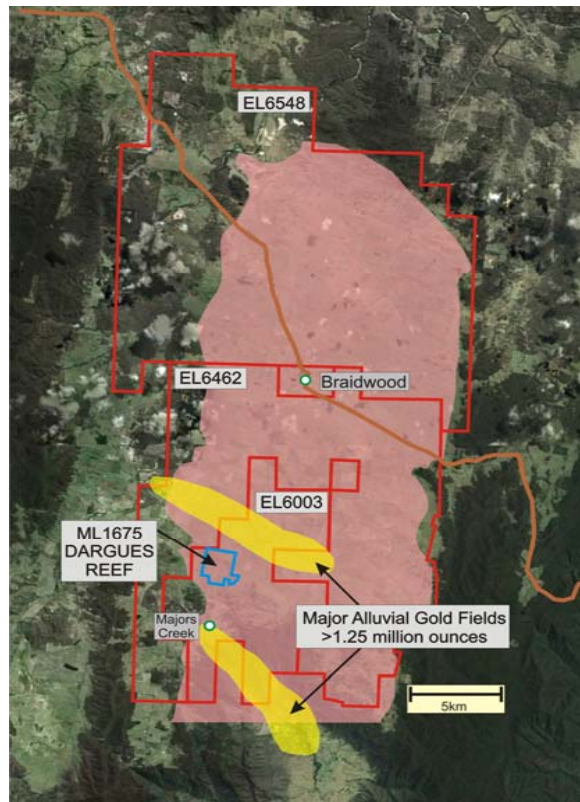
- Significant gold discovery ~150m north of Dargues Reef: Ruby Lode
  - 12 m at 9.9g/t & 5 m at 10.3g/t gold
- Open along strike and at depth
- **Not in Resource model** - potential to add resource ounces, near term production and mine life

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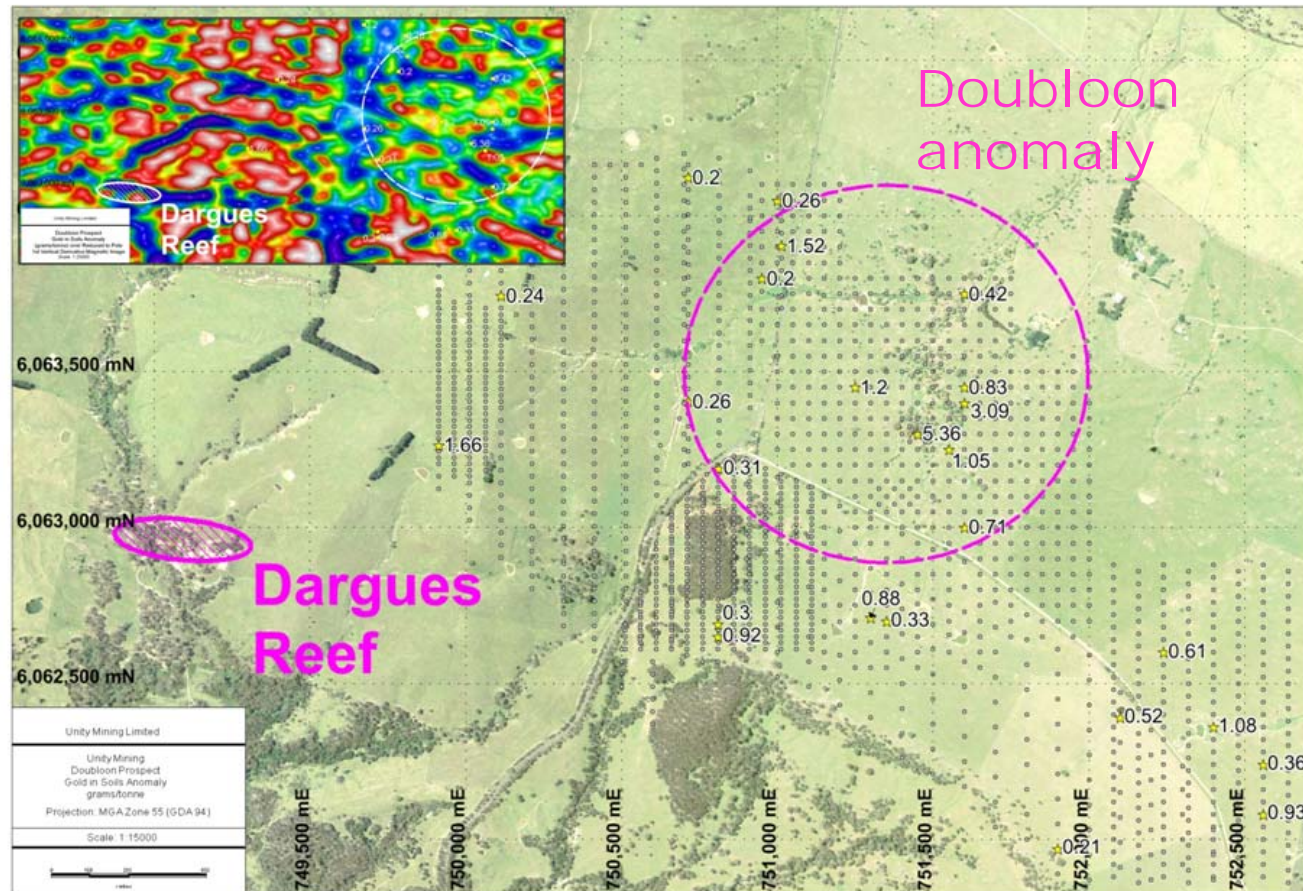
# Regional Exploration Upside

- Unity has an extensive 720 km<sup>2</sup> tenement holding in NSW which encompasses the highly prospective Braidwood Granodiorite geology
- Exploration of regional targets is now underway



# Regional Exploration Results

- Recent soil sampling campaign surrounding the Dargues deposit yielded encouraging results.
- Of particular interest is a gold-in-soil anomaly known as Doubloon, located 2 km east of Dargues which is coincident with a magnetic signature similar to Dargues



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# Bendigo Project

- Unity's 569 km<sup>2</sup> tenement holdings in Victoria include 100% of the historic Bendigo Goldfield
- 22 Million oz historic gold production from the field
- Includes a near-new 600,000 t/y gravity and CIL gold plant commissioned 2007 (on care & maintenance since 2011)



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# Bendigo Project

- Potential to redeploy Crush & Grind equipment to Dargues – capex saving
- \$5M savings identified to date, with further savings expected
- Potential exists for Dargues gold concentrate to be processed through Bendigo CIL circuit
- Committed to continue the progressive rehabilitation of the Kangaroo Flat Mine site in parallel with ongoing operations



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# African Alliance – GoldStone Resources Ltd

- **GoldStone Resources Ltd (AIM: GRL)**
  - Mkt Cap: A\$8.8M (£5.1M @ 1.6p)
- **Management Team**
  - Jurie Wessels - CEO
  - Dr Hendrik Schloemann - Director Exploration
- **Unity holds:**
  - 29.7% equity stake
  - Two Board seats
- **Strategic Position**
  - Provides direct exposure to first-mover opportunities in West Africa
- **Recently completed two placements to raise c.£860,000 (before expenses) to accelerate exploration activities**



**GOLDSTONE**  
RESOURCES LTD.

RESOURCES LTD  
2010-2011

# GoldStone Resources – Key Assets

- **Ghana**
  - Homase/Akrokerri  
*602,000 oz resource near Obuasi*
  - Manso Amenfi  
*Gold anomalies identified*
- **Senegal**
  - Sangola  
*JV signed with Randgold*
- **Gabon**
  - Oyem & Ngoutou  
*Two >10 km long gold anomalies*



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# Conclusion

- Henty production of 44,000 oz gold in FY13
- Henty guidance for 40-50,000 oz gold in FY14
- Read and Darwin South zones shaping up as a significant contributors to future production
- Development of Dargues Gold Mine to transform Unity into a diversified, mid-tier gold producer, with a target 100,000 oz/y production profile
- Significant resource/reserve position with excellent scope to further increase
- Positioned for further growth

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# Thank you

## Unity Mining Limited

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Melbourne Vic 3000

Australia

# Resources & Reserves

- The accompanying statement of Mineral Resources and Ore Reserves conforms to the Australasian code for Reporting Exploration, Mineral Resources and Ore Reserves (JORC code) 2012 Edition. All tonnages reported are dry metric tonnes. Minor discrepancies may occur due to rounding to appropriate significant figures.

<i>Mineral Resources Estimate at 30 June 2013</i>												
	Measured			Indicated			Inferred			Total		
	kt	g/t gold	koz	kt	g/t gold	koz	kt	g/t gold	koz	kt	g/t gold	koz
Henty	1613	4.8	248	143	8.7	40	31	8	8	1787	5.2	296
Dargues	378	7.2	88	818	6.8	179	420	4.5	61	1616	6.3	327

- The Ore Reserves are a subset of Mineral Resources.

<i>Ore Reserves Estimate at 30 June 2013</i>									
	Proved			Probable			Total		
	kt	g/t gold	koz	kt	g/t gold	koz	kt	g/t gold	koz
Henty	607	4.7	93	85	10.2	28	692	5.4	121
Dargues	476	5.3	81	913	5.2	152	1389	5.2	233

# Competent Person's Statement

The Company estimates its Mineral Resources and Ore Reserves in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves, 2012 Edition ("JORC Code"), which governs such disclosures by companies listed on the Australian Securities Exchange.

## Competent Person's Statement - Unity Mining

Any information in this public report that relates to Ore Reserves, Mineral Resources or Exploration Results is based on, and accurately reflects, information compiled by Matt Daly in relation to Ore Reserves at Henty, Rob McLean in relation to Ore Reserves at Dargues, Raul Hollinger in relation to Mineral Resources at Henty, John Collier in relation to Mineral Resources at Dargues and Angela Lorrigan in relation to Exploration Results. Daly, McLean, Hollinger and Lorrigan are Members of the Australasian Institute of Mining and Metallurgy, and Lorrigan, Collier and Hollinger are Members of the Australian Institute of Geoscientists. Daly, McLean, Collier, Hollinger and Lorrigan are full time employees of the Company and have more than five years' experience in the style of mineralisation and type of deposit under consideration and to the activity which they undertaking to qualify as Competent Persons as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Daly, McLean, Hollinger, Collier and Lorrigan have given prior written consent, where required, to the inclusion in this report of the matters based on their respective information, where applicable, in the form and context in which it appears.

## Competent Person's Statement - GoldStone Resources

Any information in this report that relates to exploration results, is based on information compiled by Dr Hendrik Schloemann, who is a Member of the South African Council for Natural Scientific Professions (a Recognised Overseas Professional Organisation ('ROPO') included in a list promulgated by the ASX from time to time) . Dr Schloemann is a full-time employee of GoldStone Resources Limited. Dr Schloemann has sufficient experience, which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking, to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'). Dr Schloemann consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.