

# Vector Resources Limited

2011 AGM PROJECT  
UPDATE PRESENTATION

# 2011 Achievements

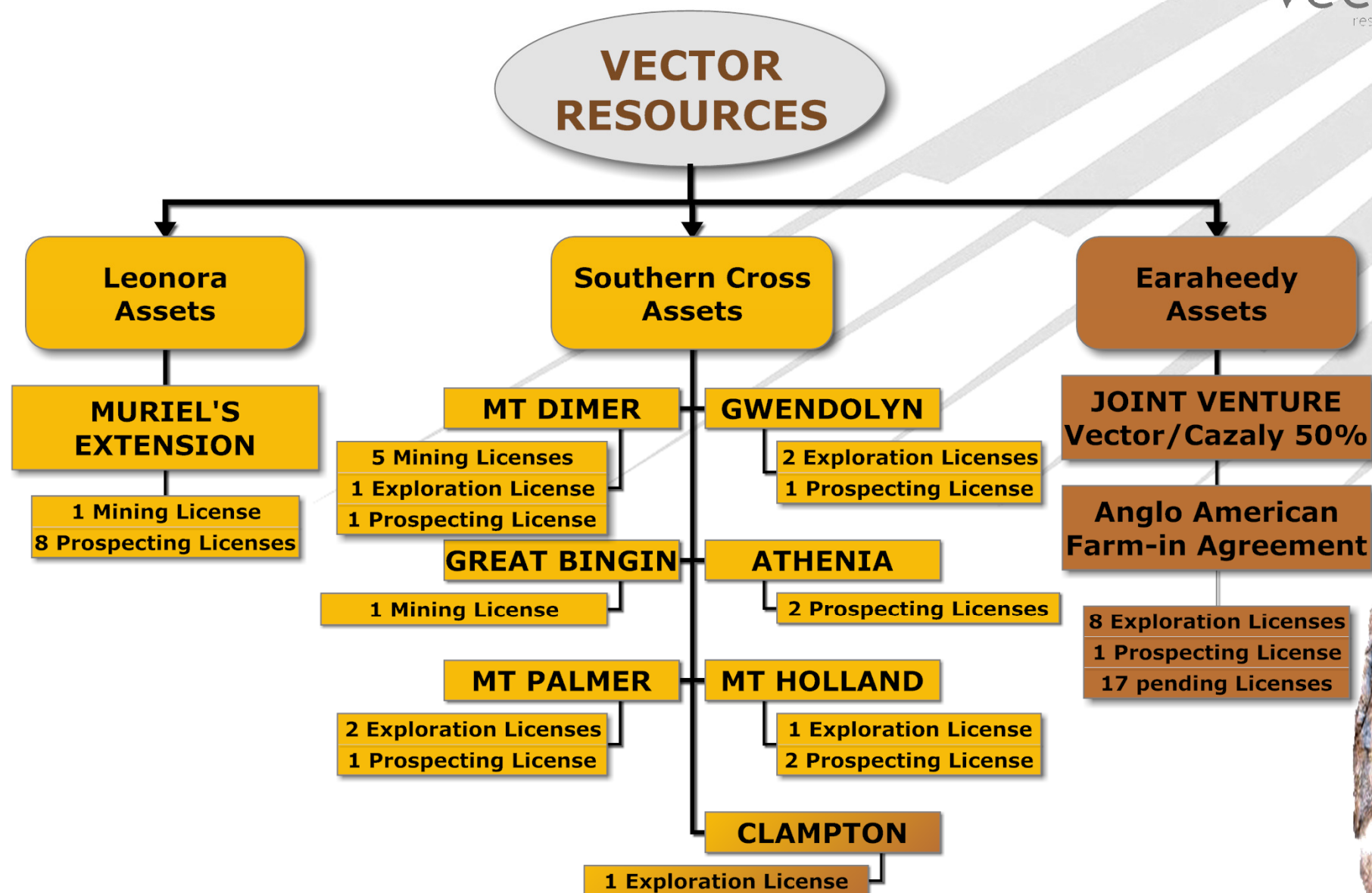
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- Golden Iron Resources Acquisition
- Establishment of offices and exploration team
- Muriels Extension Acquisition 1,772 hectares
- Anglo American Farm-In Agreement with the Earraheedy JV
- 10,035 line kilometres of aeromagnetics flown over 3 project areas
- 4,687 auger holes for 8,437 metres drilled at Mt Dimer
- 5 Program of Works (PoW) approvals on four projects totalling 30,650 reverse circulation (RC) metres
- 2 new PoW's currently pending approval for Mt Dimer and Gwendolyn
- 13,831 RC metres drilled to-date
- 16,819 RC metres still to drill of current PoW's
- 451.3 hectares of new ground secured at Mt Dimer
- 17 new greenfield and 5 extensions targets identified at Mt Dimer
- Global resource upgrade to 169,830 ounces
- Compilation of data bases for Mt Dimer, Gwendolyn, Great Bingin and Athenia has been completed



# Company Tenement Portfolio

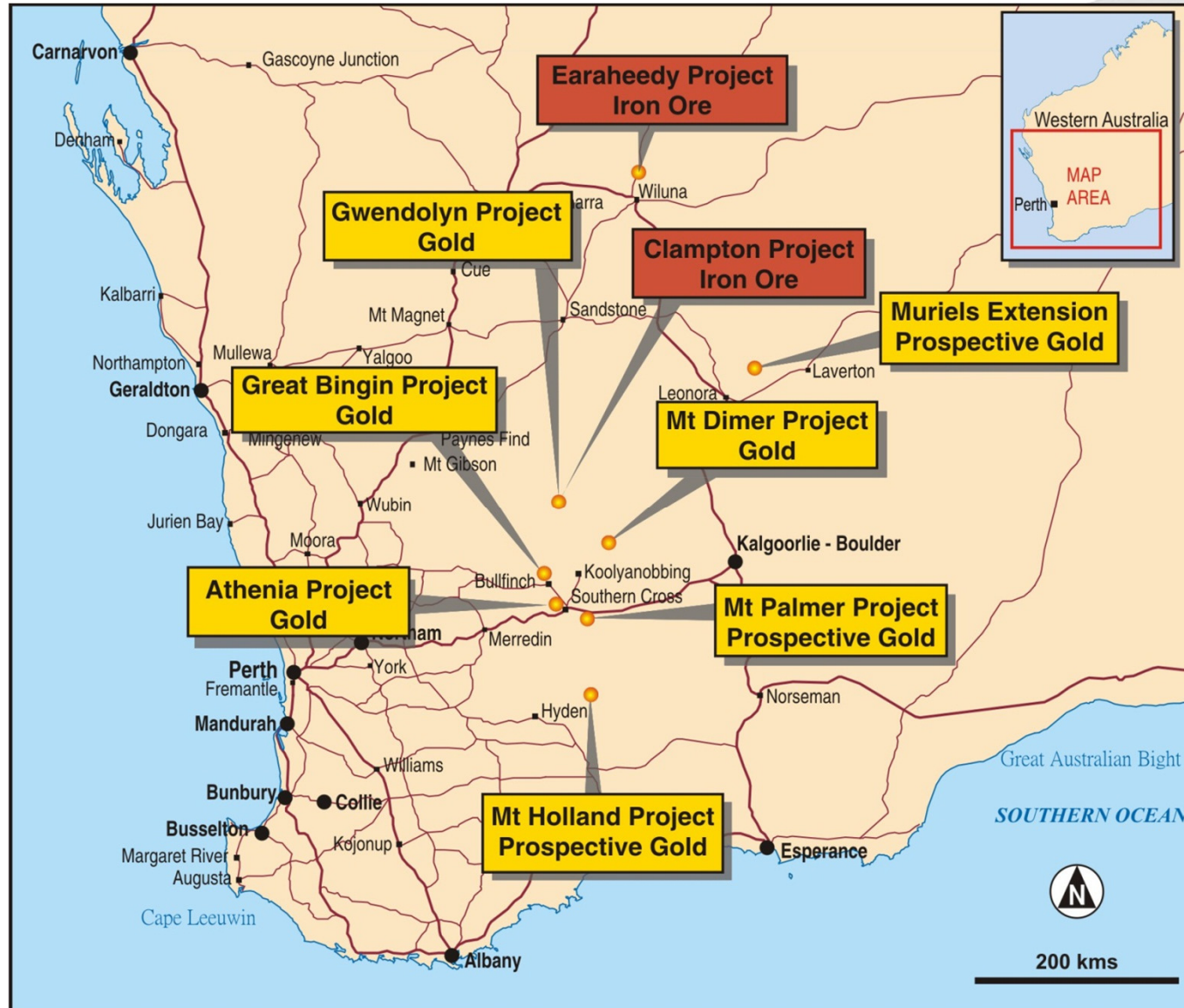
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# Southern Cross – Hub & Spoke Philosophy Overview

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- High grade province within transportable distances.





# Southern Cross – Current Resource

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- Mt Dimer previously produced 133,000 Oz
- Gwendolyn previously produced 73,077 Oz;
- Great Bingin previously produced 12,618 Oz;
- Mt Dimer, Gwendolyn, Athenia, Great Bingin, Mt Palmer and Clampton are seriously underexplored.

JORC Category	Measured Resource			Indicated Resources			Inferred Resource			Total Resource		
Project	Tonnes	g/t Au	Total Oz Au	Tonnes	g/t Au	Total Oz Au	Tonnes	g/t Au	Total Oz Au	Tonnes	g/t Au	Total Oz Au
Mt Dimer *	88,800	4.6	10,380	10,000	3.2	1,050	278,300	6.4	58,800	377,200	5.8	70,320
Gwendolyn							988,700	2.54	79,700	988,700	2.54	79,700
Gwendolyn Tails				238,000	0.7	5,600				238,000	0.7	5,600
Great Bingin *							54,700	7.4	12,960	54,700	7.4	12,960
Athenia *							49,300	1.5	2,350	49,300	1.5	2,350
<b>Total</b>	<b>88,800</b>	<b>4.6</b>	<b>10,380</b>	<b>248,000</b>	<b>0.8</b>	<b>6,650</b>	<b>1,371,000</b>	<b>3.5</b>	<b>153,810</b>	<b>1,707,900</b>	<b>3.1</b>	<b>170,930</b>

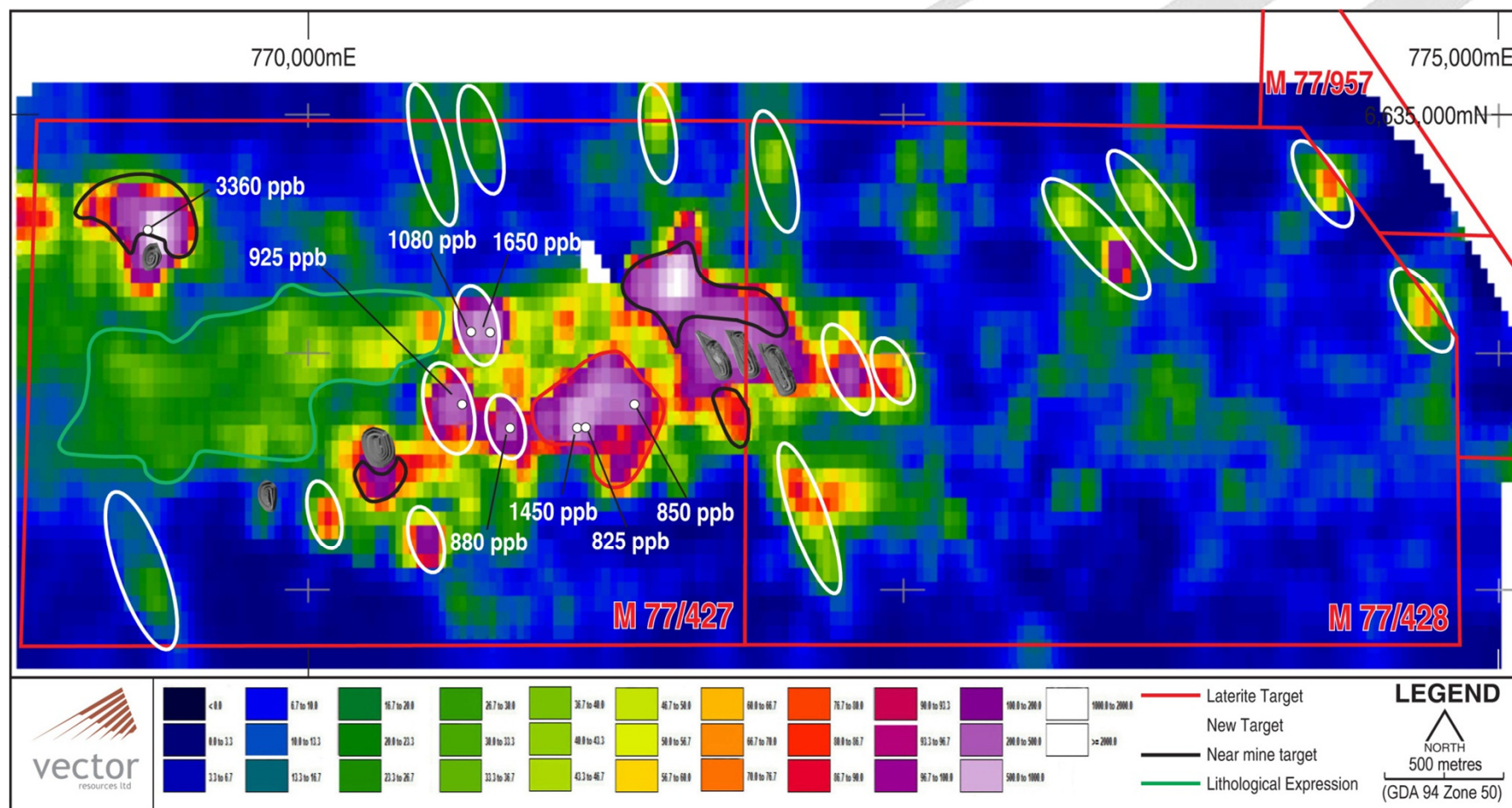
\* Refers to historic resource published in the Golden Iron prospectus, dated May 7, 2010.



# Mt Dimer – Auger Program

- Significant results showing serious new areas of interest;
- **22** new anomalies to explore on tenements M77/427 & 428;
- RAB drill program being designed to explore newly identified targets.

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# Mt Dimer – Phase 1 Drill Program & Future Plans

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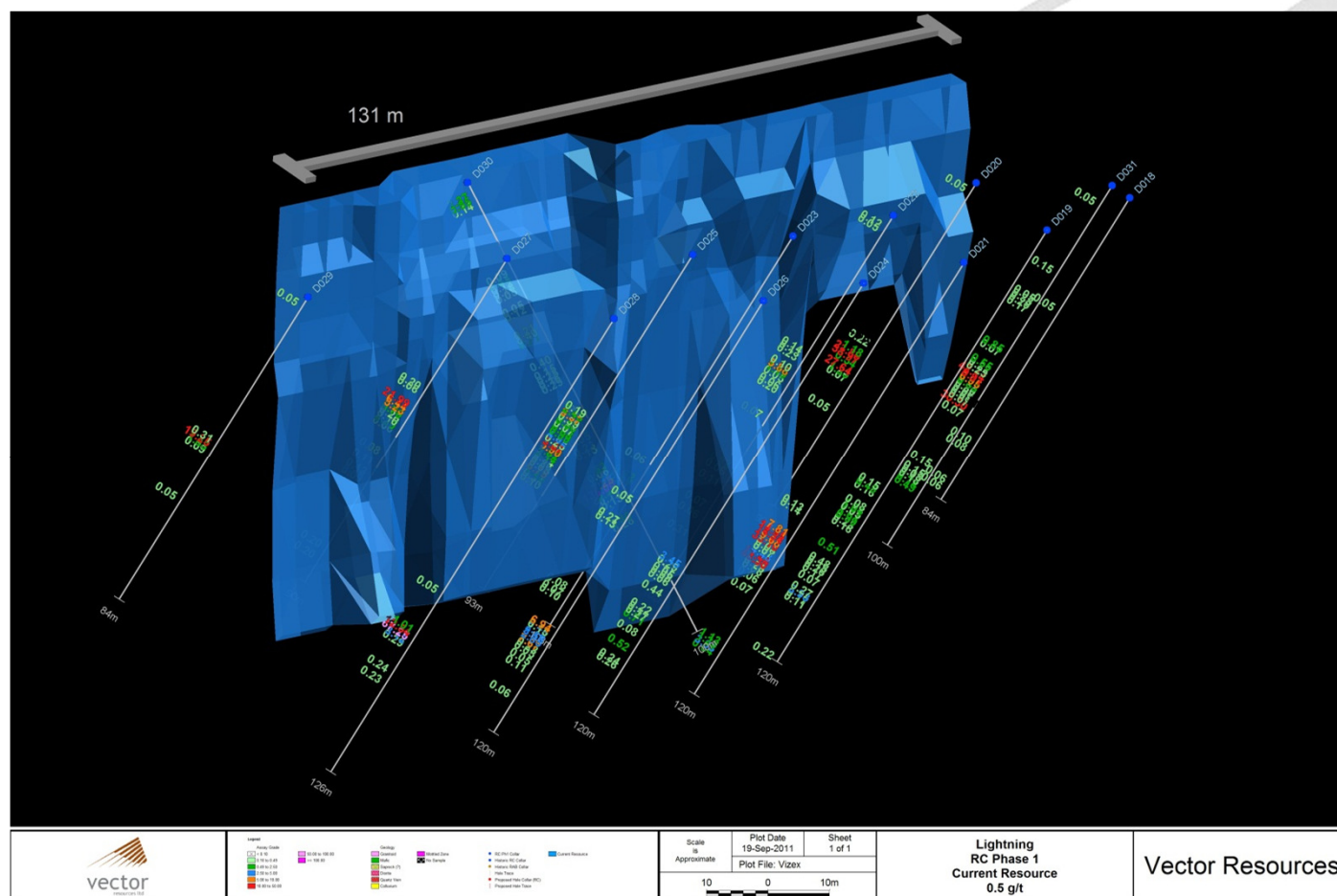
- RC program of 147 holes totalling 14,770 metres;
- Program targeting known areas of interest and mine extensions.





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- 6m @ 24.81g/t  
from 62m
- 4m @ 21.71 g/t  
from 50m
- 4m @ 20.98 g/t  
from 87m
- 10m @ 14.39  
g/t from 76m
- 7m @ 13.07 g/t  
from 48m
- 9m @ 10.18g/t  
from 54m
- 7m @ 5.28g/t  
from 41m
- 3m @ 12.66g/t  
from 93m
- 6m @ 3.99g/t  
from 92m
- 18m @ 2.86g/t  
from 46m





# Golden Slipper

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Vector Resources Mt Dimer Project. Golden Slipper Prospect. 2011 Drilling Program  
The results reported above are measured down hole and may not represent true width

Drawn: P Thomas  
Datum: GDA94 Zone 50

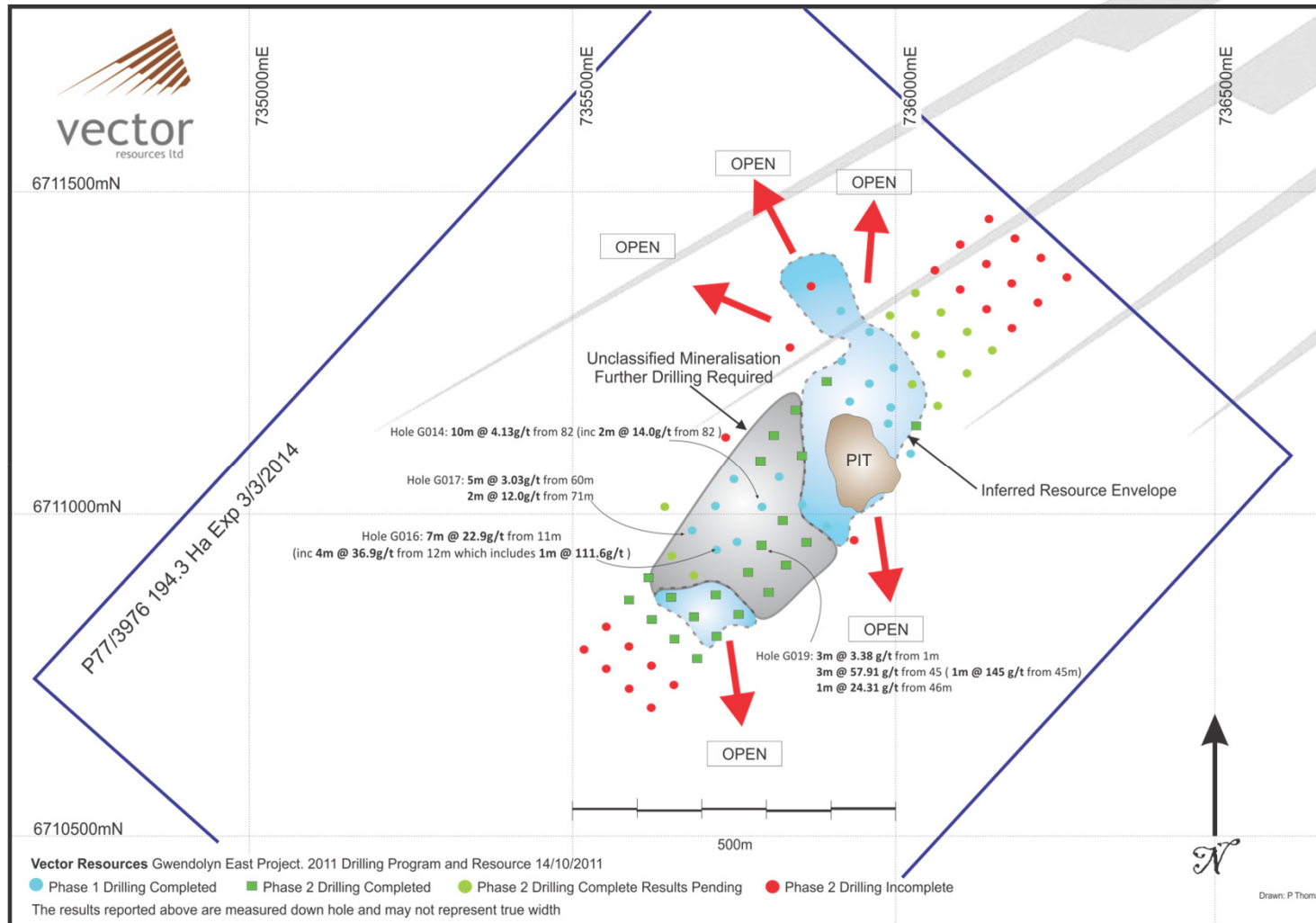
- 6m @ 15.7 g/t inclusive of 2m @ 40.4g/t,
- 4m @ 11.83 g/t inclusive of 1m @ 38.7g/t,
- 3m @ 12.7 g/t inclusive of 1m @ 29.7g/t,
- 3m @ 12.66 g/t inclusive of 1m @ 23.6 g/t
- 3m @ 7.45 g/t,
- 2m @ 7.8 g/t,
- 50m @ 0.65 g/t



# Gwendolyn – Gwendolyn Drill Phase 1 & 2

- Phase 1 and 2 hits high-grade intercepts:
- Serious upside to deposit with neighbours previously approaching to purchase;
- Completion of Phase 2 drilling planned for October - November 2011.

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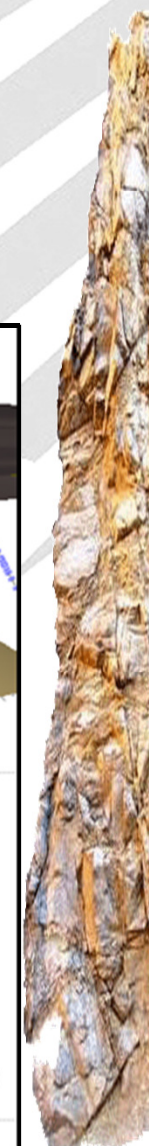
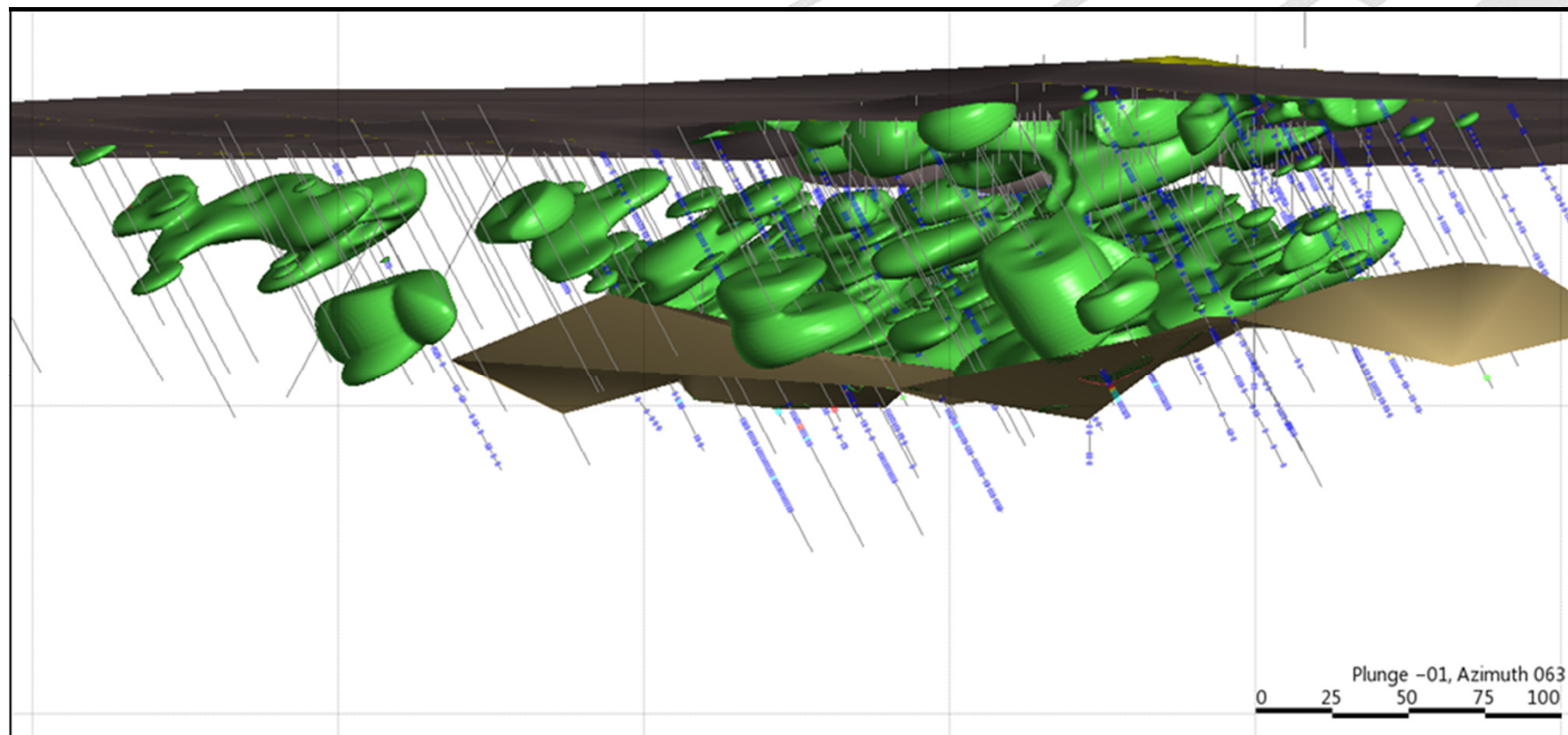
➤ **7m @ 22.88g/t,** including 4m @ 36.9 which is inclusive of the 1m @ 111.6g/t,  
 ➤ **10m @ 4.13g/t,** including 2m @ 13.94g/t;  
 ➤ **6m @ 7.54 g/t;**  
 ➤ **2m @ 11.95 g/t;**  
 ➤ **1m @ 27.6 g/t;**  
 ➤ **3m @ 57.91g/t,** including 1m @ 145 g/t and 1m @ 24.31 g/t;  
 ➤ **2m @ 8.93 g/t;**  
 ➤ **2m @ 4.16 g/t;**  
 ➤ **1m @ 7.52 g/t;**  
 ➤ **3m @ 3.38 g/t;** and  
 ➤ **1m @ 3.99 g/t;**





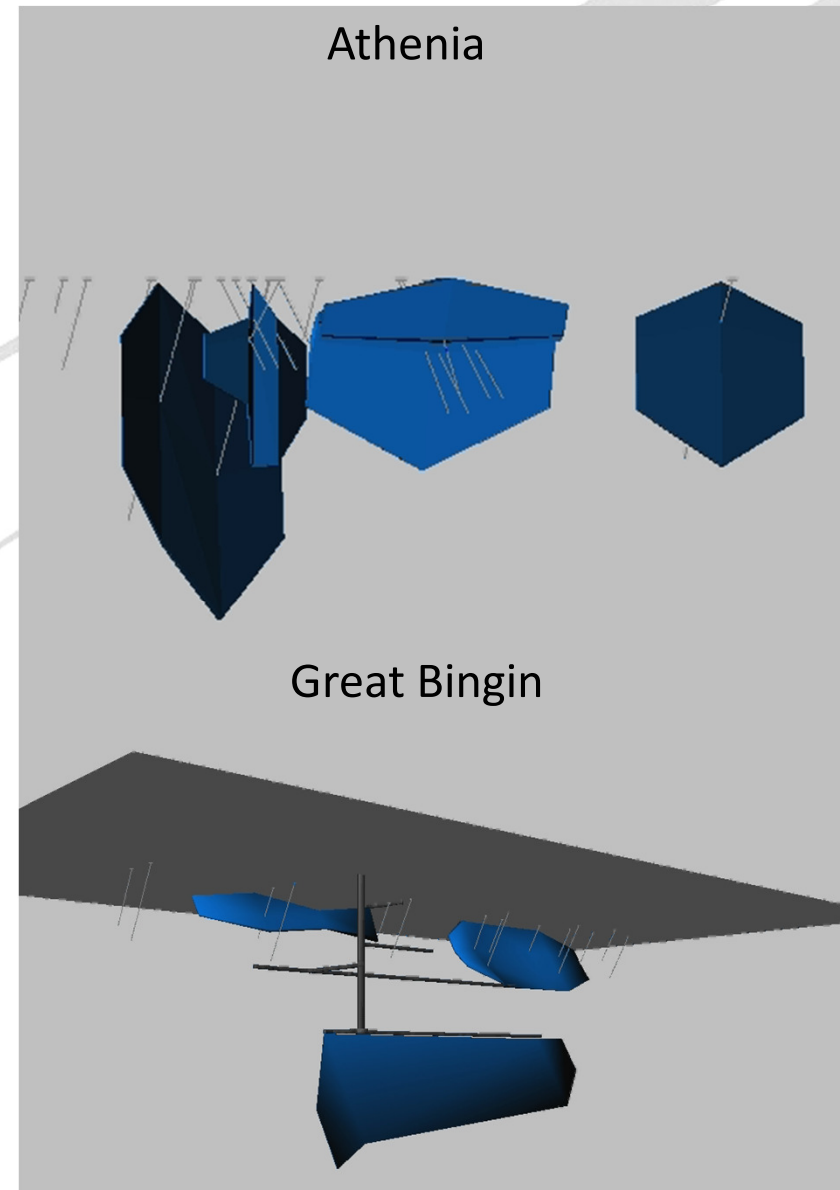
# Gwendolyn – New 3D Resource Image

- High-grade intercepts with resource up-graded by **139%** to **79,700 ounces** with significant potential for upside over approximate 93.6% yet to be explored.
- In-Pit Tails inferred resource of **238,000 tonnes** for **5,600 ounces**,
- Unclassified Material ranging from **688,000 – 1,270,000 tonnes** for **53,000 – 114,000 ounces**,
- Historic pit dimensions approx. 28m D, 91m W and 83m L; produced **73,077Oz**,
- Potential strike expansion of phase 2 drilling approx. 950m in Length;
- Potential pit depth could increase from 28m to 122m;



# Athenia & Great Bingin – Overview & Future Plan

- Athenia located 8km NW of Southern Cross;
- Mining ceased in area in 1911;
- Potential for rapid production profile
- Currently being converted to mining license;
  - Moving Forward:
- Great Bingin Located 20km NW of Southern Cross;
- Mining ceased in area in 1942;
- Drill hole intercept of 19.5 g/t;
- Mining licence application approved.
  - Moving Forward:



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# Mt Palmer, Mt Holland & Clampton

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- Total of 38,304 ha of Greenfields ground yet to be explored
- Multiple field visits by geology team, mapping and sampling at Mt Palmer and Mt Holland,
- Mt Palmer aeromagnetics flown and awaiting interpretations,
- Clampton aeromagnetics flown and awaiting interpretations,
- Exploration targets will be identified from magnetic surveys for follow up during 2012.

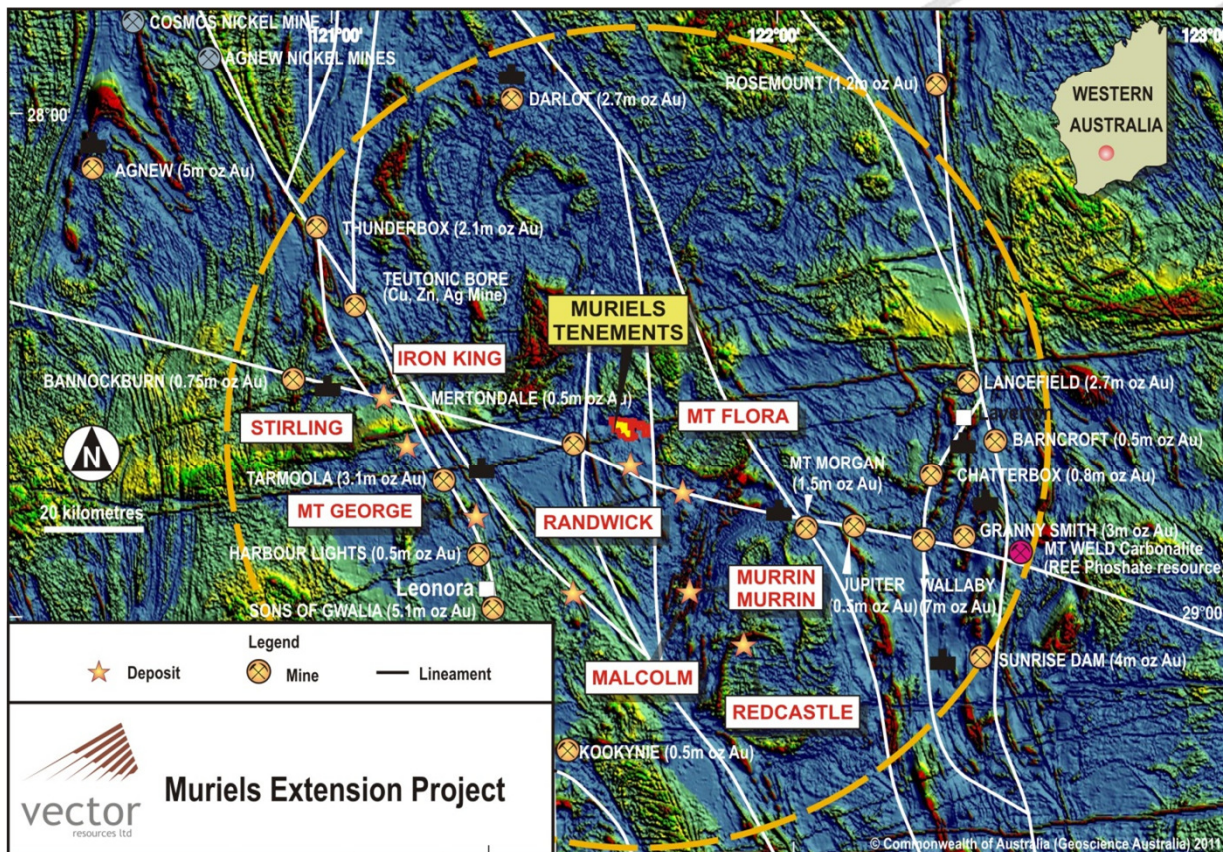




# Muriels Extension – Region Influence & Overview

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- Major technical support with committee members Dr Robert Fagan and Cranston Edwards joining the team.
- Significant region of prospectivity, more than 35 million Oz of known gold resources located within an 80km radius;
- Coarse secondary gold potentially comes from a primary gold source beneath.

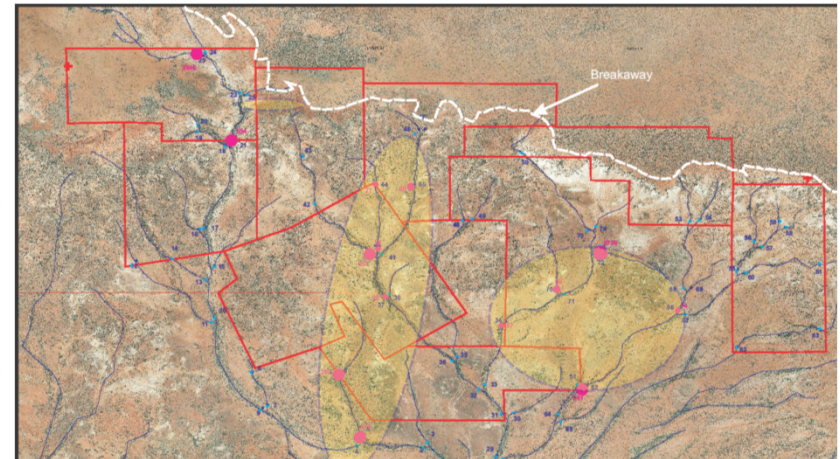




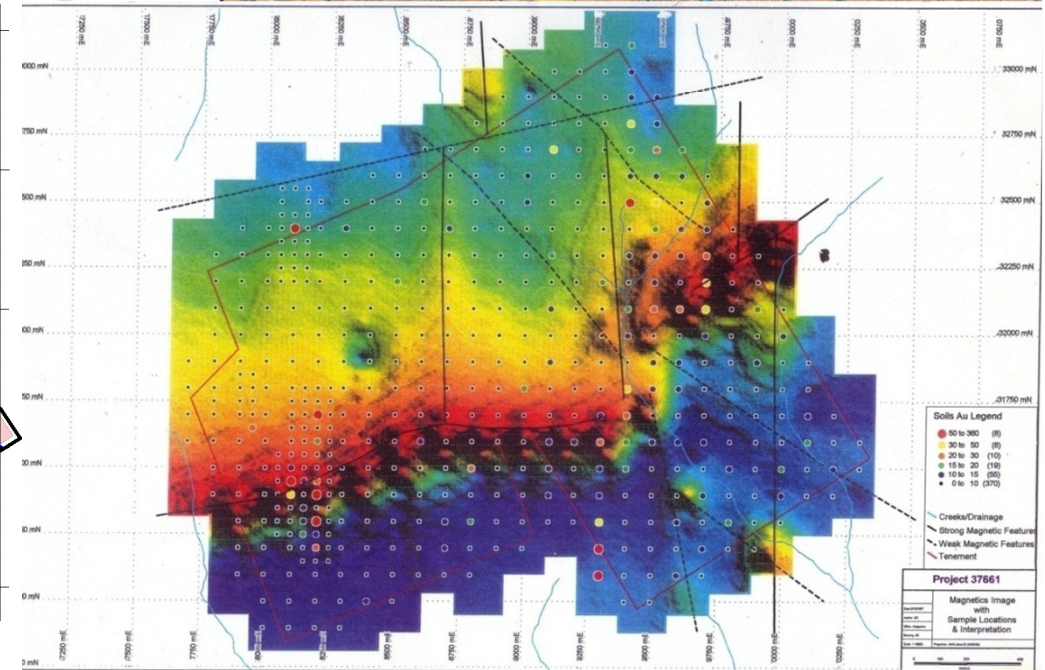
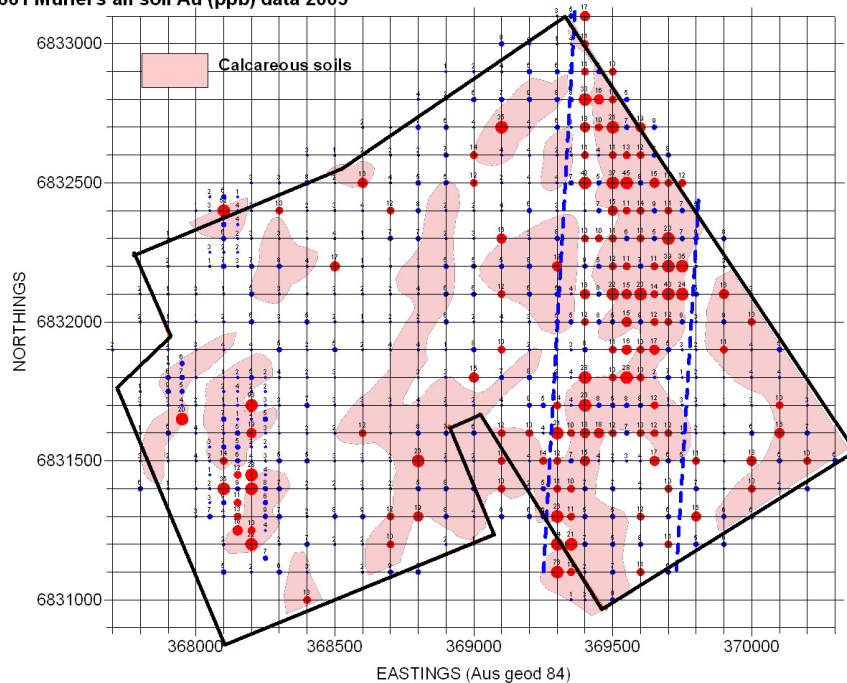
# Muriels Extension – Future Plan

- Along strike examples of these gold mineralization are found at Bronzewing and Darlot.
- Potentially the same structural and drainage trend as the Randwick deposit;
- Open ended, soil enrichment zone approximately 400 m wide and extending over a length of 2.2 km within M37/661.

MURIEL'S EXTENDED LEASE AREA

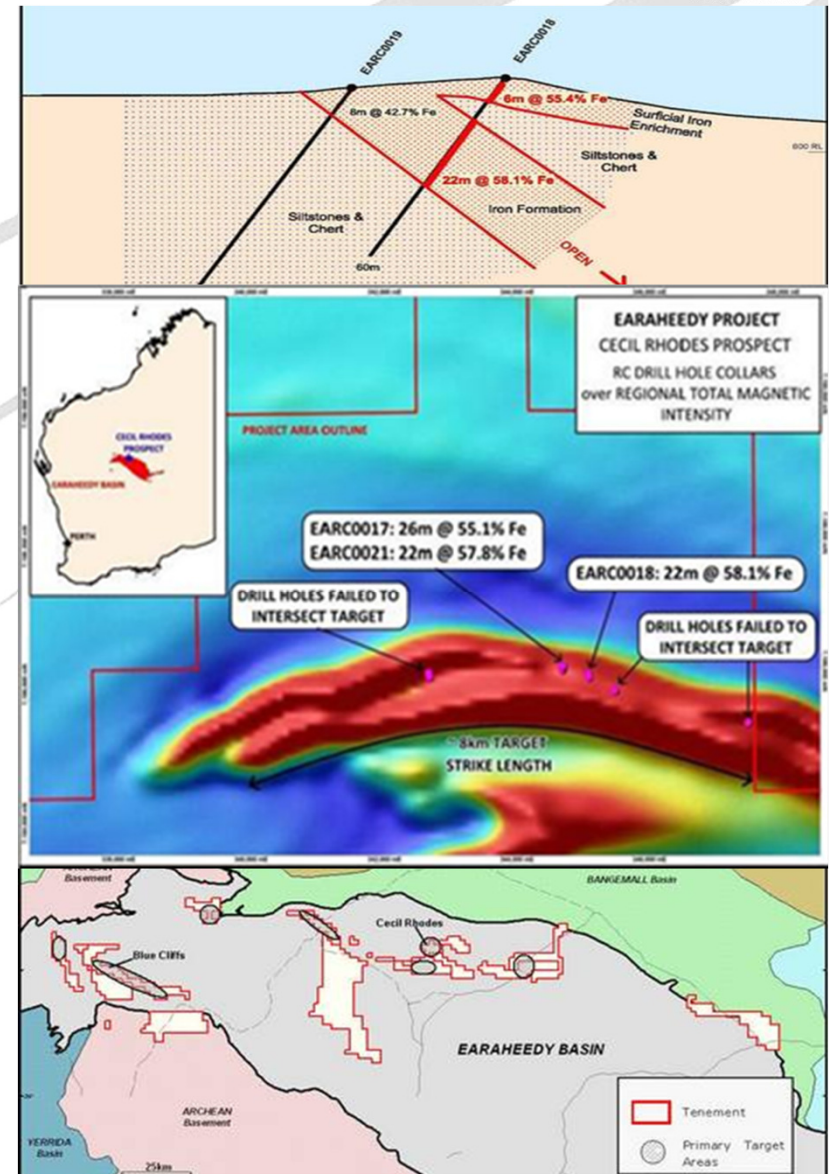


M37/661 Muriel's all soil Au (ppb) data 2005



# Earaheedy JV

- 50% JV with Cazaly in highly prospective ground;
- Significant drill results from maiden drilling, comprised 21 holes for 1,916m;
  - 22m @58.1% Fe, 22m @ 57.8 Fe and 26m @ 55.1% Fe;
- Surface samples of 37% manganese;
- Open along strike and depth;
- EJV signed farm-in agreement with Anglo American.
- Farm-in allows Anglo American to earn a 75% interest in the EJV Project
- Staged success payments of up to \$51million to the EJV
- Anglo American to undertake exploration program of a minimum of 7,500 metres of RC or diamond drilling to be completed within 18 months.
- Anglo American will then have the right to earn;
  - An initial 51% interest in the project by paying \$1million to the EJV and expending \$20million within 4 years.
  - 75% interest by completing a Bankable Feasibility Study (BFS) and payment of an additional \$5million to the EJV.
- Following the delivery of a positive BFS, a success payment of \$45million would be payable to the EJV.
- EJV to receive a dilution royalty of 1.25% FOB.





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*The information in this report that relates to Exploration Results is based on information compiled by Mr Peter Thomas who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Thomas is employed by Thomas Bradley and Associates Pty Ltd. Mr Thomas 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 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Thomas consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*



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