**Corporate Presentation** 

Sydney 14 June 2016

**Bruce Kay** 

Technical Director



### Competent Persons Statement



#### **Competent Person's Statement**

The information in this report that relates to exploration results is based on information compiled by Mr Bruce Kay, a Competent Person, who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr Kay is a non-executive director of the Company and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 (the JORC Code). Mr Kay consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Much of the historical information relating to the Four Eagles project was prepared and first disclosed under the JORC Code 2004. This information 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 reported.

Information relating to the Tandarra, Sebastian and Raydarra projects was first disclosed by previous tenement holders under the JORC Code 2004. This information has been subsequently reported by the Company in accordance with the JORC Code 2012, refer to announcement dated 1 September 2014 and the Quarterly Activities Report dated 31 July 2014.

## Company Objectives



- ▲ Develop assets with strong upside potential
- **▲** Enhance value via professional exploration
- ▲ Make a major gold discovery
- ▲ Become dominant in a world class gold province

"Dominate the Region"

### Catalyst Capital Structure



#### Capital Structure (ASX: CYL, CYLO)

- **▲** 54,729,004 fully paid ordinary shares
  - 350,000 unlisted Performance Rights
- ▲ 2,623,184 listed options @ 50c (30 June 2018)
- ▲ Top 20 control approximately 70% of issued capital

#### Cash in hand

- ▲ A\$1.0 million (at 31 March 2016)
- ▲ Capital raising of \$770,000 by Paradigm Securities on 7 April 2016

#### **Market Capitalisation**

▲ A\$32 million (at 60 cents per share)

#### Corporate Structure



#### **Non-Executive Directors**

#### **▲** Bruce Kay

 Former Head of Worldwide Exploration for Normandy Mining and Newmont

#### **▲ Stephen Boston**

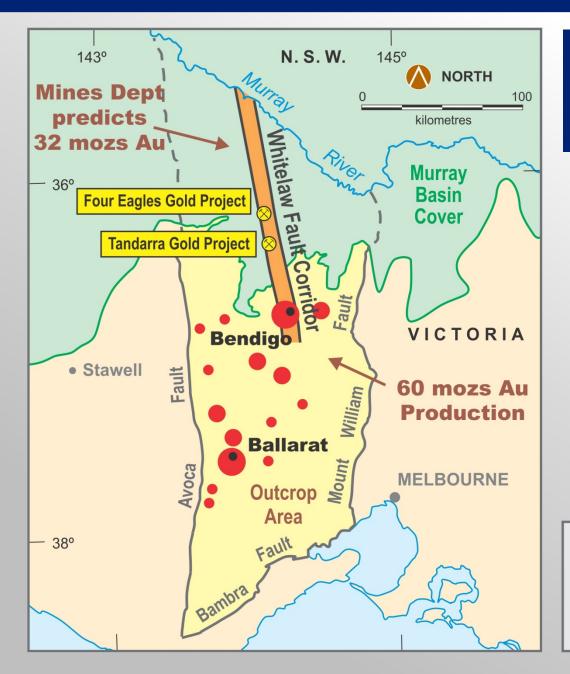
Former Stockbroker and current Principal of Perth based private investment group

#### **▲ Robin Scrimgeour**

Former banker in London, Tokyo, Hong Kong and Singapore

#### **▲ Gary Schwab**

Certified Practising accountant, former Executive Director of private Australian based commodity Company



## Victorian Gold



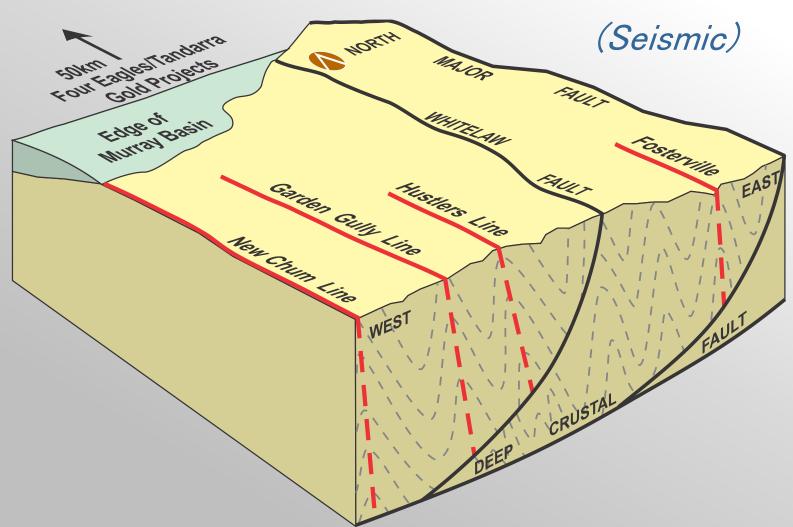
- ▲ Bendigo Australia's 2nd largest goldfield (22 moz)
- ▲ Whitelaw Fault controls gold mineralisation
- ▲ Mines Dept predicts
  32 moz covered by
  Murray Basin Sediments

#### **Total Gold Production**

- > 10 million ounces (2)
- > 1 million ounces (5)
- > 300,000 ounces

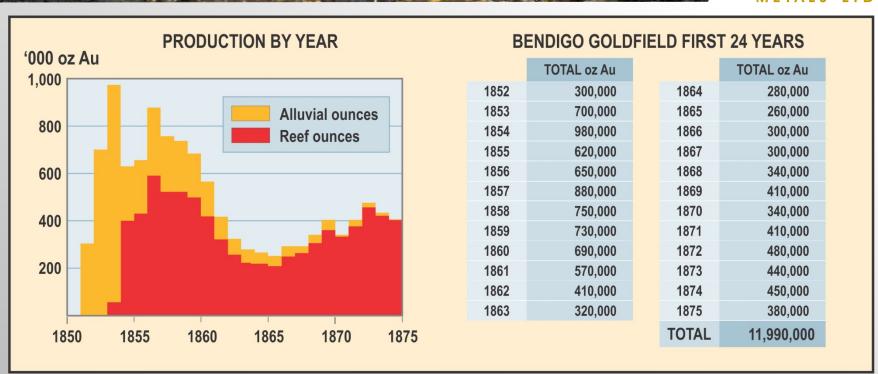
### Whitelaw Fault Interpretation





#### Bendigo: Historic Gold Production



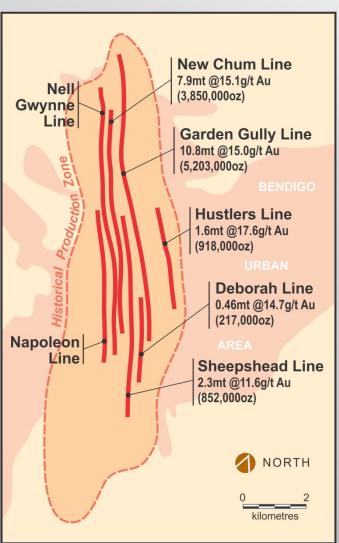


#### **Historical gold production 22 million ounces:**

- ▲ Estimated 30,000 to 50,000 ounces per vertical metre
- **▲ Every 100 metres contained 3-5 million ounces**
- **▲** Largest gold producer in world from 1850 to 1890
- **▲** Approximately 12 million ounces in first 24 years

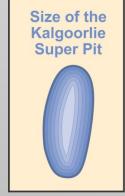
#### Bendigo: A World Class Gold Field





# Bendigo Goldfield Historical Gold Production from Lines of Lodes

- ▲ 18 moz of reef gold
- ▲ 4 moz of alluvial gold
- ▲ Est 7 mozs gold in top 200m
- ▲ Gold mineralisation footprint dwarfs the Kalgoorlie Super Pit



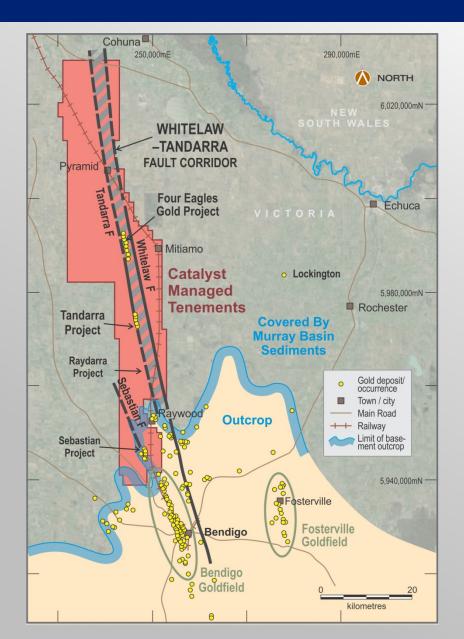
#### Finding the Next Bendigo



- ▲ Recognising this major geological opportunity
- ▲ Manage the entire Whitelaw Gold Corridor
- ▲ Using world-class exploration techniques
- **▲ Strong JV partner GEV (sub of Hancock Prospecting PL)**
- High grade gold at Four Eagles and Tandarra
- **▲ Excellent infrastructure and gold plants in district**

#### Control of Entire Whitelaw Gold Corridor



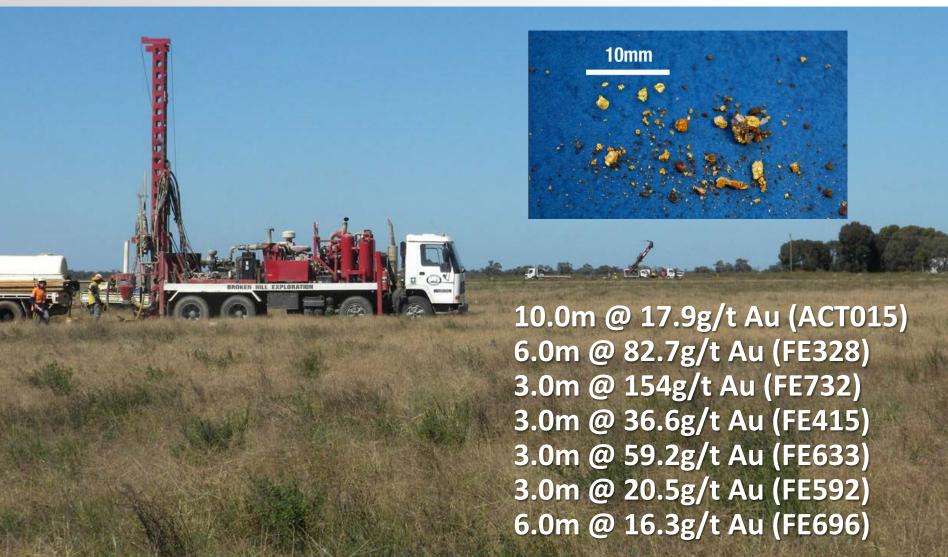


- ▲ Bendigo produced22 million ounces of gold at 15g/t Au
- ▲ Gold corridor continues north of Bendigo
- ▲ Totally concealed by younger sediments
- ▲ Whitelaw Fault controls gold

If there is a gold deposit north of Bendigo, Catalyst will be major recipient!

#### Gold beneath the wheat fields





## 'Lifting the Cover' 2011-2016



- **▲ Control of entire Whitelaw Gold Corridor**
- **▲ Gravity and Seismic reveal basement structures**
- **▲ Pathfinder geochemistry defines gold trends**
- **▲ Air Core drilling at Four Eagles and Tandarra**
- **▲ GEV** clout enables major drilling programme

"Potential for both shallow open pit and large primary lode gold discoveries"

## 'Lifting the Cover' 2011-2016

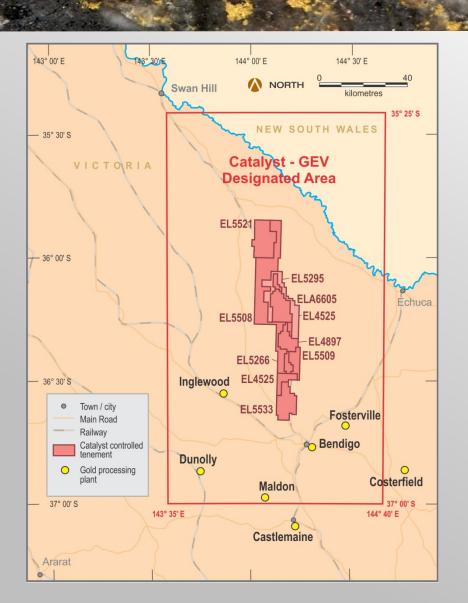


- **▲** Ownership and farm-ins over 1,066km²
- ▲ Catalyst 100% tenements 340km²
- ▲ Tandarra (CYL earning 51%) 59km²
- ▲ Four Eagles JV CYL 50% carried 641km²
- **▲ Four Eagles Gold Project well developed**
- **▲** Tandarra advanced project

"Geophysics and drilling results so far very encouraging"

#### Catalyst GEV Designated Cooperation Area



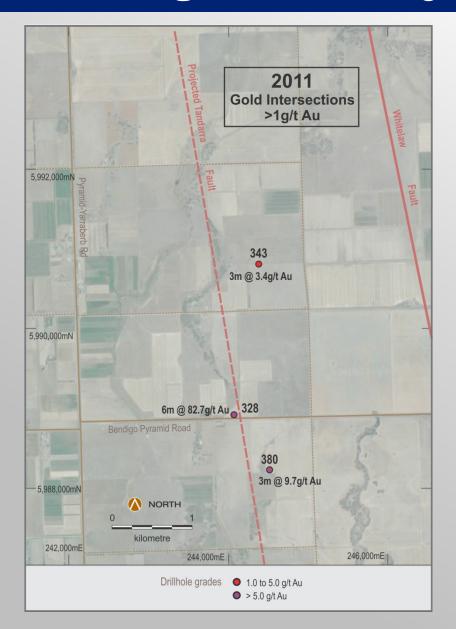


#### **Catalyst GEV Earn-in**

- ▲ Large designated area with GEV established
- ▲ Catalyst manages programme and maintains 50% equity
- ▲ GEV spends \$4.2 million to earn 50% from Providence
- **▲ Excellent infrastructure:** Six gold plants in district

### Four Eagles Gold Project JV 2011



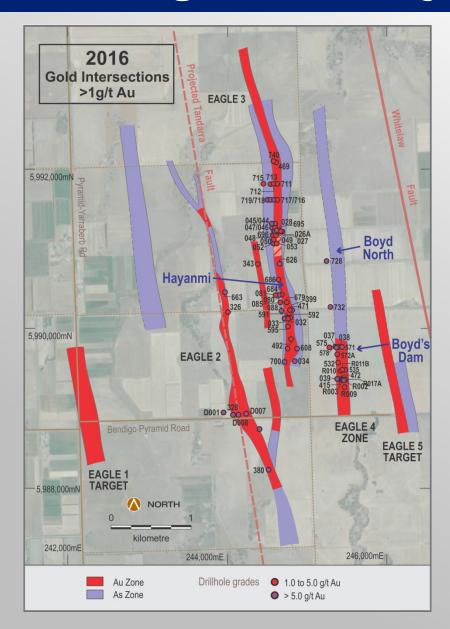


## Initial Catalyst Providence JV

- ▲ Signed January 2011
- ▲ \$2.1 m to earn 50%
- ▲ Totally concealed by Cover
- ▲ 3 gold intersections> 1g/t Au

### Four Eagles Gold Project JV 2016





## Catalyst GEV Providence JV

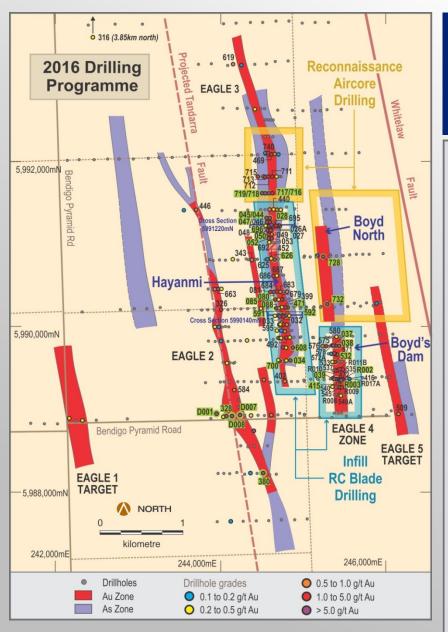
- Four Gold trends defined
- Advanced projects defined
- ▲ Hayanmi now 2.9 kms long
- ▲ 67 gold intersections> 1g/t Au

## Four Eagles Gold Project: Summary



#### Large areas of gold potential in shallow basement

- ▲ Three prospects defined with high grades
  - Hayanmi high grade gold over 2kms
  - Boyd's Dam gold over 0.8 km
  - Boyd North gold over 0.7 km
- **▲ Discovery Trend still untested**
- **▲ 40 kilometres of Whitelaw trend still unexplored**



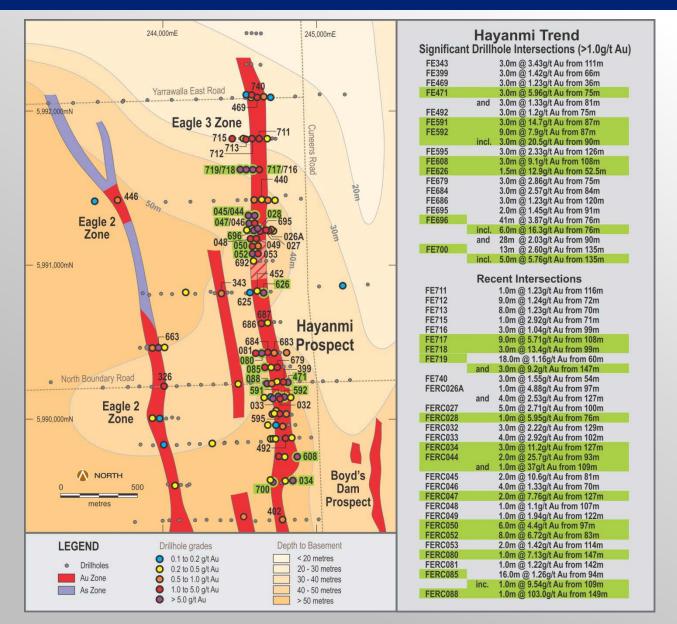
## 2016 Drilling Programme



Drillhole Intersections (>0.8g/t Au)											
FEDD001		3.7m @ 4.7g/t Au from 170m	FE679		3.0m @ 2.86g/t Au from						
	incl.	0.8m @ 17.5q/t Au from 173m	75mFE681		6.0m @ 0.91g/t Au from 72m						
FEDD007		0.4m @ 8.4g/t Au from 168m	FE684		3.0m @ 2.57g/t Au from 84m						
LEBBOOT	and	0.75m @ 15.3q/t Au from 170m			3.0m @ 1.23g/t Au from 120m						
FEDD008	anu	0.4m @ 152g/t Au from 150m	FE695		2.0m @ 1.45g/t Au from 91m						
FERC002		2m @ 1.8g/t Au from 67m	FE696								
FERCUUZ	and		LE090		41m @ 3.87g/t Au from 76m						
FFDC002	and	1m @ 18.3g/t Au from 127m		incl.	6.0m @ 16.3g/t Au from 76m						
FERCO03		2m @ 6.2g/t Au from 49m	=====	and	28m @ 2.03g/t Au from 90m						
FERC009		3.0m @ 1.02g/t Au from 87m	FE700		13m @ 2.60g/t Au from 135m						
	and	1.0m @ 1.41g/t Au from 92m		incl.	5.0m @ 5.76g/t Au from 135m						
	and	1.0m @ 3.56g/t Au from 96m									
FERC010		6.0m @ 3.77g/t Au from 44m	_								
	and	6.0m @ 1.11g/t Au from 79m	R	lece	nt Intersections						
FERC011B		1.0m @ 1.45g/t Au from 66m	FE711		1.0m @ 1.23g/t Au from 116m						
	and	2.0m @ 3.58g/t Au from 87m									
FERC017A		1.0m @ 3.29g/t Au from 79m	FE712		9.0m @ 1.24g/t Au from 72m						
	and	3.0m @ 1.57g/t Au from 106m	FE713		8.0m @ 1.23g/t Au from 70m						
	and	1.0m @ 1.39g/t Au from 113m	FE715		1.0m @ 2.92g/t Au from 71m						
FE326		1.5m @ 1.81g/t Au from 114m	FE716		3.0m @ 1.04g/t Au from 99m						
FE328		6m @ 82.7g/t Au from 123m	FE717		9.0m @ 5.71g/t Au from 108m						
FE343		3m @ 3.34g/t Au from 111m	FE718		3.0m @ 13.4g/t Au from 99m						
FE380		3m @ 9.71g/t Au from 120m	FE719		18.0m @ 1.16g/t Au from 60m						
FE399		3.0m @ 1.42g/t Au from 66m		and	3.0m @ 9.2g/t Au from 147m						
FE415		6.0m @ 2.6g/t Au from 45m	FE728		1.0m @ 6.24g/t Au from 85m						
FE413	a m al		FE732		3.0m @ 154g/t Au from 96m						
FE469	and	3.0m @ 36.6g/t Au from 57m	FE740		3.0m @ 1.55g/t Au from 54m						
FE471		3.0m @ 1.23g/t Au from 36m	FERC026A		1.0m @ 4.88g/t Au from 97m						
FE4/1		3.0m @ 5.96g/t Au from 75m		and	4.0m @ 2.53g/t Au from 127m						
== +=0	and	3.0m @ 1.33g/t Au from 81m	FERC027		5.0m @ 2.71g/t Au from 100m						
FE472		3.0m @ 1.2g/t Au from 45m	FERC028		1.0m @ 5.95g/t Au from 76m						
	and	3.0m @ 2.32g/t Au from 63m	FERC032		3.0m @ 2.22g/t Au from 129m						
FE492		3.0m @ 1.2g/t Au from 75m	FERC033		4.0m @ 2.92g/t Au from 102m						
FE532		3.0m @ 2.1g/t Au from 96m	FERC034		3.0m @ 11.2g/t Au from 127m						
FE535		3.0m @ 1.37g/t Au from 63m	FERC037		1.0m @ 10.55g/t Au from 66m						
FE572A		3.0m @ 1.74g/t Au from 51m	FERCUS!	and.							
FE575		3.0m @ 4.9g/t Au from 66m	FFDOOSS	and	2.0m @ 1.3g/t Au from 83m						
FE578		3.0m @ 1.14g/t Au from 60m	FERC038		16.0m @ 2.0g/t Au from 80m						
FE579		9.0m @ 2.33g/t Au from 48m	FERC039		8.0m @ 3.65g/t Au from 66m						
FE579	and	3.0m @ 1.23g/t Au from 78m		inc	1.0m @ 12.35g/t from 66m						
FE584		3.0m @ 0.88g/t Au from 117m		inc	1.0m @ 10.05g/t Au from 71m						
FE591		3.0m @ 14.7g/t Au from 87m	FERC044		2.0m @ 25.7g/t Au from 93m						
FE592		9.0m @ 7.9g/t Au from 87m		and	1.0m @ 37g/t Au from 109m						
	incl.	3.0m @ 1.26g/t Au from 87m	FERC045		2.0m @ 10.6g/t Au from 81m						
	incl.	3.0m @ 20.5g/t Au from 90m	FERC046		4.0m @ 1.33g/t Au from 70m						
	and	3.0m @ 1.94g/t Au from 93m	FERC047		2.0m @ 7.76g/t Au from 127m						
FE595	anu	3.0m @ 2.33g/t Au from 126m	FERC048		1.0m @ 1.1g/t Au from 107m						
FE606		3.0m @ 1.39g/t Au from 102m	FERC049		1.0m @ 1.94g/t Au from 122m						
FE608		3.0m @ 9.1g/t Au from 108m	FERC050		6.0m @ 4.4g/t Au from 97m						
FE619		3.0m @ 0.8g/t Au from 45m	FERC052		8.0m @ 6.72g/t Au from 83m						
			FERC053		2.0m @ 1.42g/t Au from 114m						
FE623		3.0m @ 0.83g/t Au from 33m	FFDOOO		1.0m @ 7.13g/t Au from 147m						
FE626		1.5m @ 12.9g/t Au from 52.5m	FERC081		1.0m @ 1.22g/t Au from 142m						
FE648		1.5m @ 1.0g/t Au from 82.5m	FERC085		16.0m @ 1.22g/t Au from 142m						
FE649		4.5m @ 1.0g/t Au from 97.5m	FERGU05	inc.	1.0m @ 9.54g/t Au from 109m						
FE663		3.0m @ 59g/t Au from 102m	FERC088	illo.	1.0m @ 9.54g/t Au from 109m 1.0m @ 103.0g/t Au from 149m						
	and	3.0m @ 7.0g/t Au from 102m	FERCU00		1.0111 @ 103.0g/t Au 110111 149111						

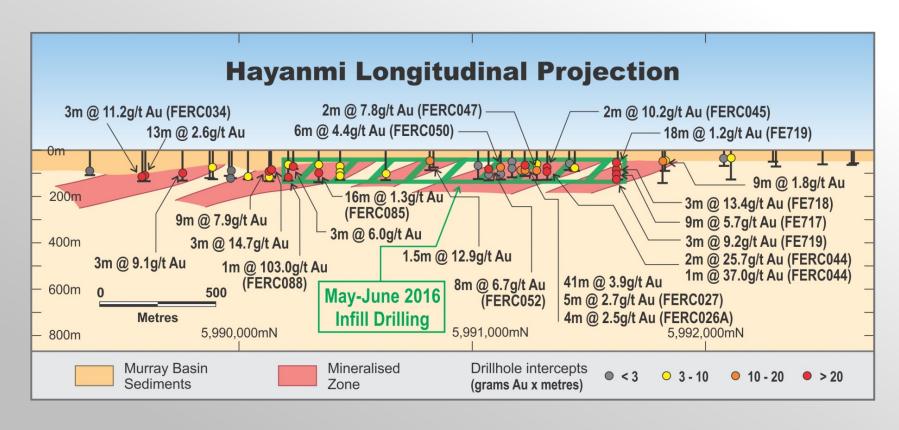
## Hayanmi Trend





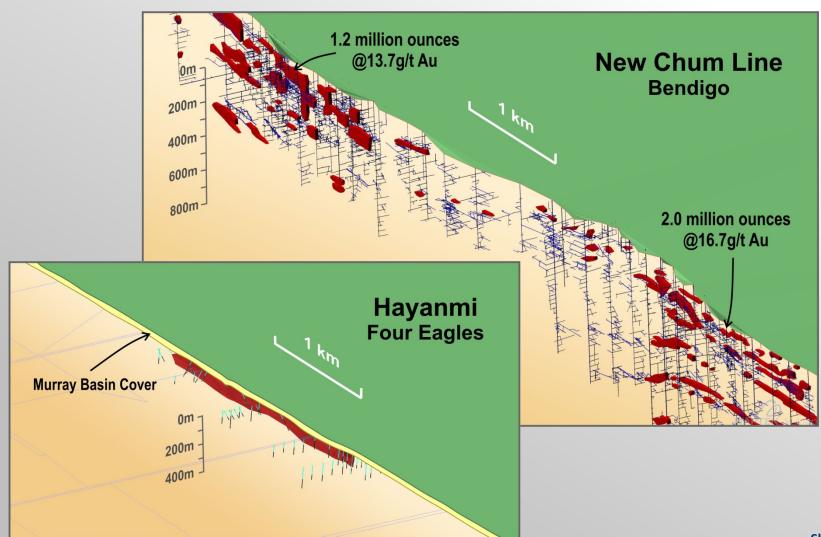
## Hayanmi Longitudinal Projection

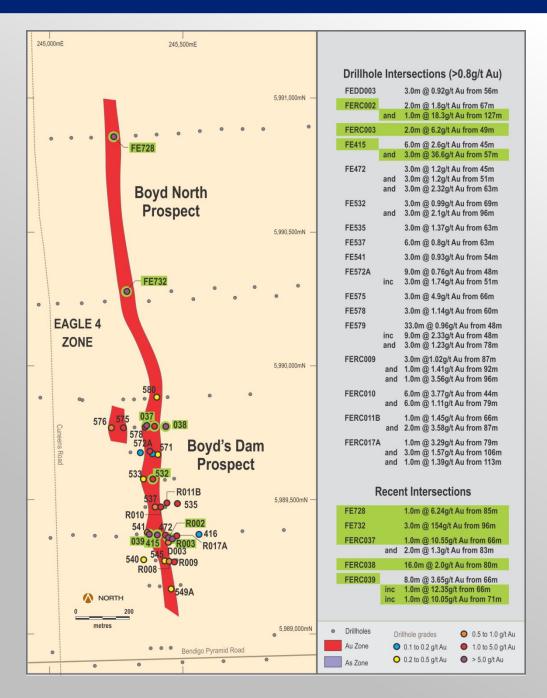




## Hayanmi vs New Chum Bendigo







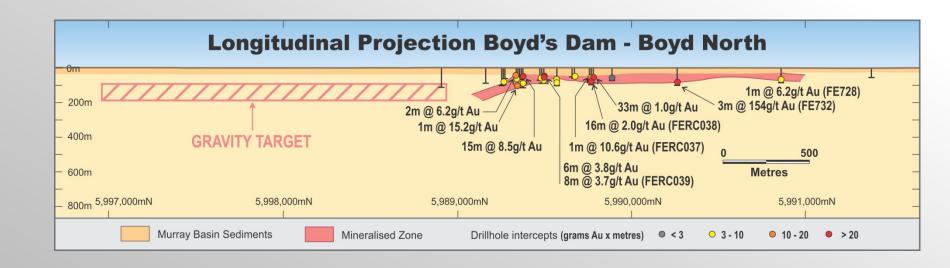
## Boyd's Trend

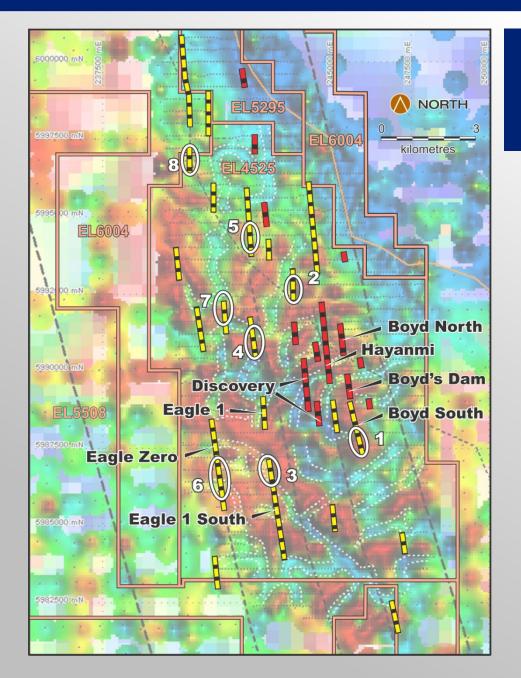


- New Zone at Boyd North; basement 20-40m
- ▲ Potential extension to south based on gravity interpretation

## Boyd's Trend Long Projection







## Lifting the Cover



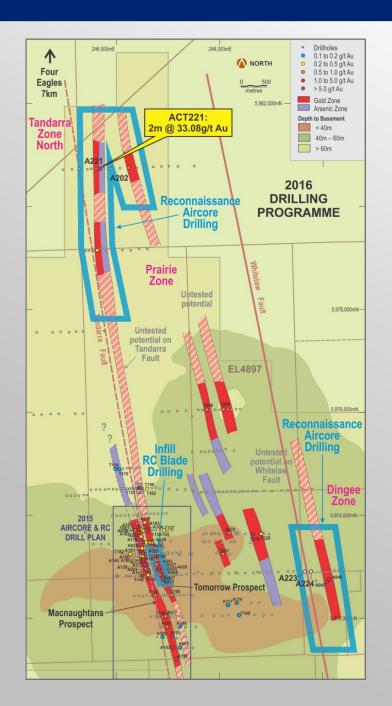
#### **Gravity Survey**

- First Vertical derivative shows known gold channels
- ▲ Other potential gold zones targeted (yellow lines)
- ▲ Eight (8) Targets defined for drilling
- ▲ Basement depth estimates of 40 to 80 metres

## 2<sup>nd</sup> Project Tandarra – Summary



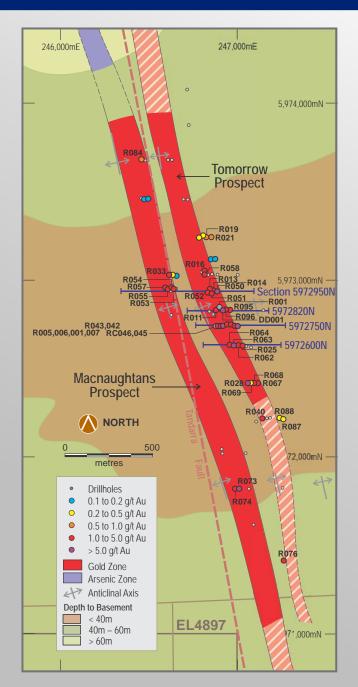
- ▲ Large areas of potential in basement (< 60m)
- ▲ High grade gold at less than 20m depth
- **▲ 10 to 20km strike length of untested structure**
- **▲ Open pit potential at Tomorrow Prospect**
- ▲ Angled RC and/or Diamond Drilling required



## 2016 Tandarra Drilling Plan



- ▲ Follow-up Aircore reconnaissance drilling:
  - Tandarra North
  - Dingee
- ▲ Infill RC Blade drilling:
  - Tomorrow zone
- ▲ Large areas of strike length still untested



## Tomorrow Zone Aircore RC/DD

1.0m @ 2.91g/t Au from 107m

and 1.0m @ 15.2g/t Au from 118m

6.0m@

1.0m @

10m@1

**TAC136** 

TAC146

ACT015

ACT024



and 1.5m @ 2.62g/t Au from 58.5m

and 1.5m @ 6.93g/t Au from 79.5m

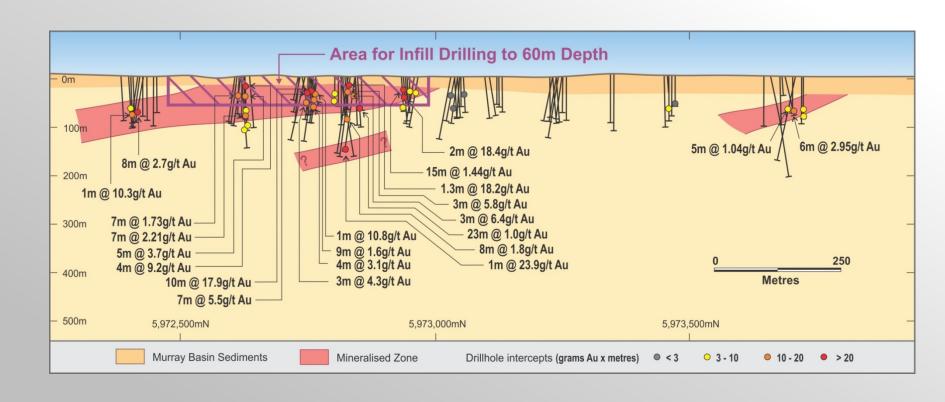
Significant Airc	Significant Aircore intersections							
2.95g/t Au from 75m	ACT151		1.5m @ 59.2g/t Au from 69m					
9.96g/t Au from 42m		and	2.0m @ 5.12g/t Au from 70.5m					
17.88g/t Au from 37m	ACT172		3.0m @ 8.83g/t Au from 46.5m					

Significant RC/DD Intersections									
DDT001		1.3m @ 18.2g/t Au from 20m	RCT045		1.0m @ 10.8g/tAu from 43m				
	and	1.7m @ 5.7g/t Au from 36m		and	4.0m @ 2.67g/t Au from 55m				
	and	1.3m @ 5.9g/t Au from 39.4m	RCT050		2.0m @ 18.4g/t Au from 44m				
RCT006		1.0m @ 6.05g/t Au from 45m	RCT062		5.0m @ 3.7g/t Au from 41m				
	and	7.0m @ 5.5g/t Au from 50m		and	7.0m @ 2.21g/t Au from 81m				
RCT007		1.0m @ 8.6g/t Au from 12m	RCT063		4.0m @ 9.2g/t Au from 18m				
RCT028		8.0m @ 2.7g/t Au from 76m		and	4.0m @ 2.39g/t Au from 103m				
	inc	2.0m @ 8.9g/t Au from 82m	RCT073		1.0m @ 7.29g/t Au from 41m				
			RCT097		3.0m @ 6.4g/t Au from 54m				

Cignificant Aircord Intercactions

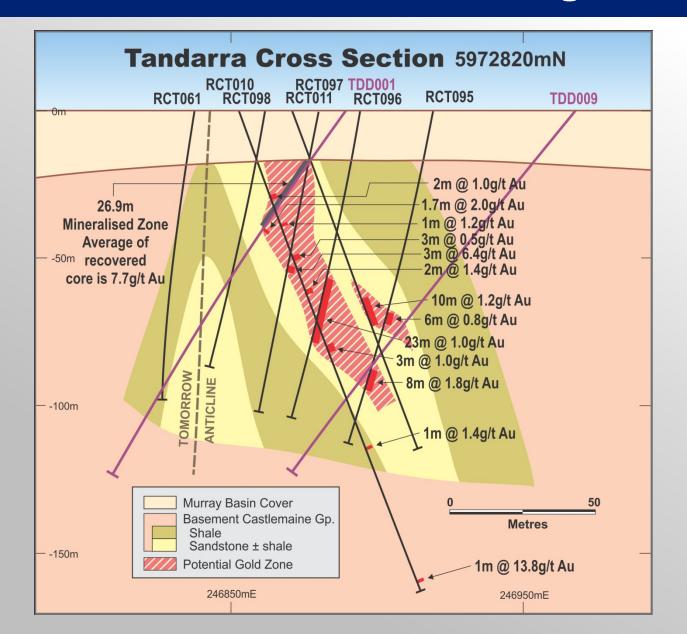
## Tandarra (Tomorrow) Long Projection





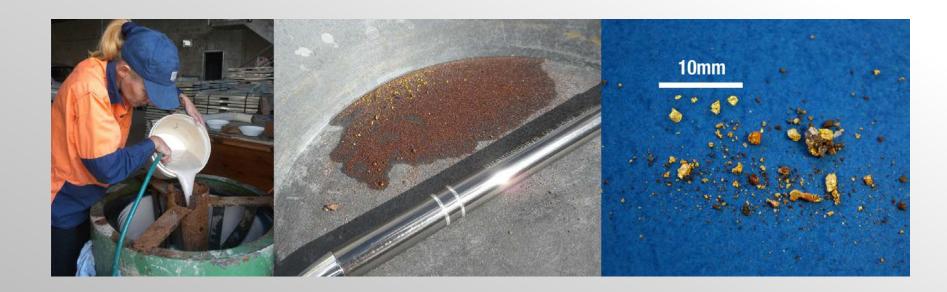
#### Tandarra Cross Section 26.9m gold zone





## Four Eagles Fine and Coarse Gold

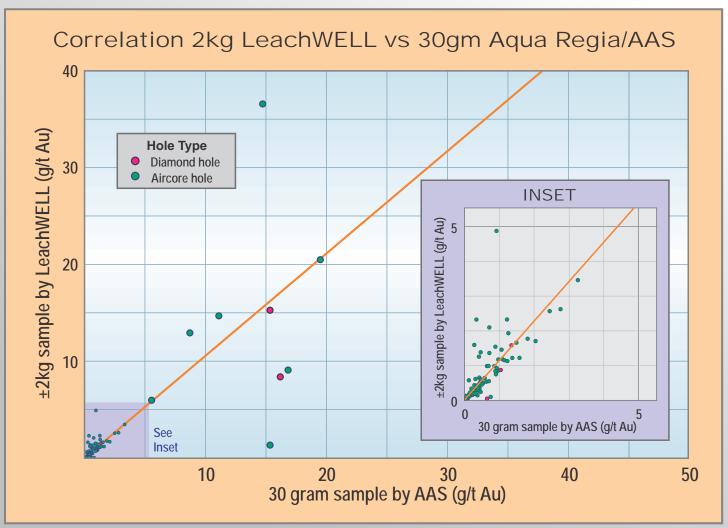




▲ Process from Discovery (FE328), Hayanmi (FE471) and Boyd's Dam (FE415)

## LeachWELL Correlation Graph





## News Flow June - July 2016



- **▲ Tandarra Tomorrow RC Drilling** 
  - 3,447 assays in progress (50% complete)
  - 240 bulk leaches in progress
- ▲ Four Eagles Hayanmi RC drilling
  - Approximately 2,200 samples to be assayed
  - 107 bulk leaches in progress
- ▲ Reconnaissance Tandarra and Raydarra East (160 samples for assay)
- ▲ Interpretation of Tomorrow and Hayanmi gold zones

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**Corporate Presentation** 

Sydney 14 June 2016

**Bruce Kay** 

Technical Director

