



**Following is a recent presentation made by  
Apex Minerals Management  
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**Investor Presentation** January 2009

## Apex Minerals NL : Disclaimer



- Certain statements contained in this presentation, including information as to the future financial or operating performance of Apex Minerals and its projects, are forward-looking statements. Such forward-looking statements:
  - are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Apex Minerals, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies;
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## COMPANY OVERVIEW



## Apex : A Snap Shot

- Proven management team with significant personal interest in the company – took control in 2006
- Clear strategy – gold consolidation in Western Australia unveiled May 2007
- World class gold field with 4m oz past production at Wiluna
- Plant Commissioning commenced in November 2008
- Now cash positive although refurbishment 8 weeks behind schedule
- Initial production rate of ~120,000 oz pa increasing to 200,000 oz pa
- Medium term objective of 500,000 oz pa
- Targeting cash margins of ~A\$600/oz (at current gold price)
- Gold resource ~3.4m oz and reserve 550,000oz (open pit and underground)
- Refer to resource table in Appendix



## Apex : Capital structure and corporate information

- Fully paid shares 390 million
- Partly paid shares 20 million (20c to pay)
- Unlisted Options 20 million (average ~50c exercise)
- Warrants 43.5m (33.2c/sh)
- Market capitalisation A\$160 million undiluted (@ A\$0.40/sh)
- Cash Approx A\$2 million (excl GIC and reserve a/c)
- Senior Secured Note A\$60m (maturing Sept 2011)
- Annual exploration budget A\$20 million (currently on hold)
- Top 20 Shareholders ~65%
- Management 7.5%
- Substantial holders: Mark Creasy 10.3%, Eastern Advisors 6%,  
Pelagic 5.0%



### **Raised A\$60.5m, 3 Year Senior Secured Note Issue (Goldman Sachs JB Were)**

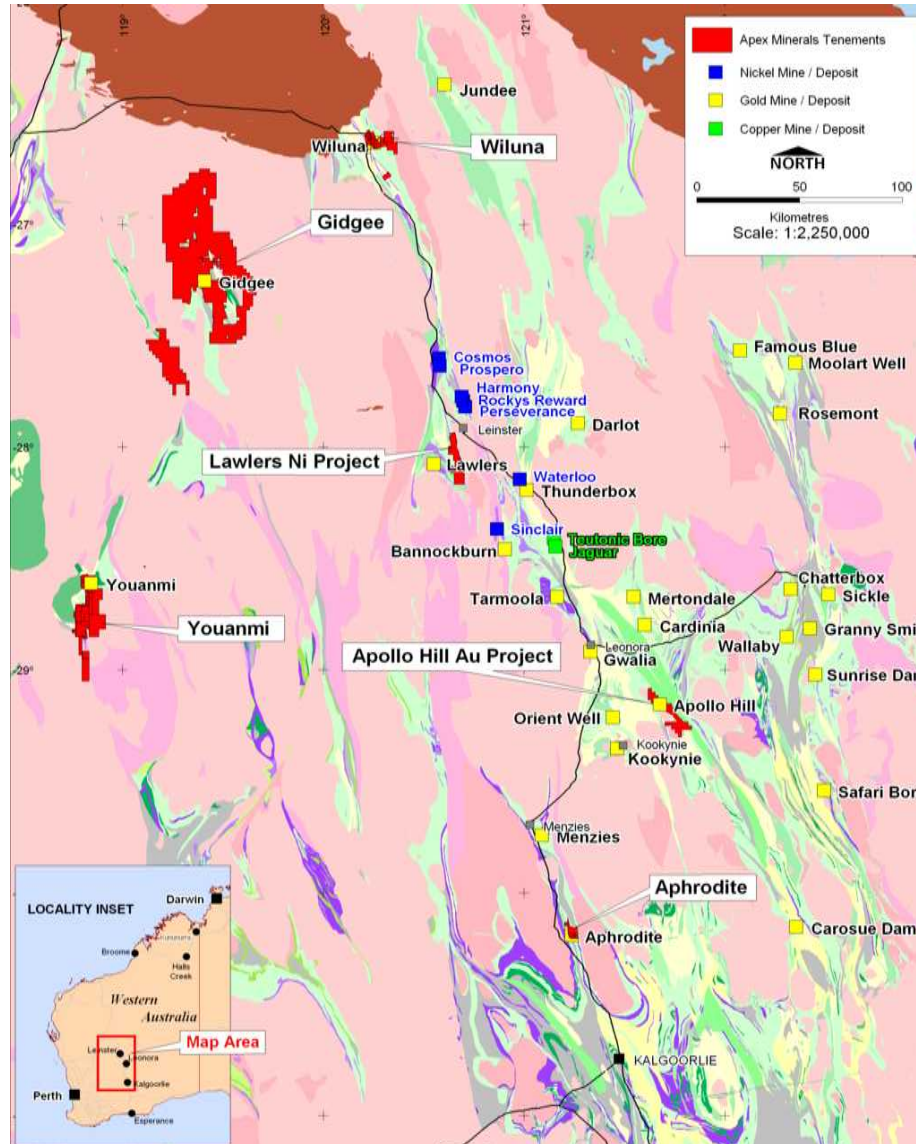
- 11.25% coupon
- 43.5m warrants (at 33.5c)
- Gold Price participation Notes:
  - 30% of gold price above ~A\$1,100/oz for 500,000oz
  - Expected to mature August 2012 – 42 months
- ~\$14m gold puts, \$12m completing project, \$30m exploration, \$3m transaction costs

### **Gold Hedging**

Gold price protection in place as part of financing with ~75kcozs of forwards sales at an average of A\$1140/oz entered into for next year and ~150kcozs of put options bought for the next three years at an average of A\$952/oz



# Wiluna Gold Project: Gold Consolidation



## The Wiluna Concept

- 1mtpa BIOX<sup>®</sup> processing plant – operating since 1993
- Gas power – low cost energy
- High grade satellite deposits within trucking distance
- Wiluna plant to produce 200k oz pa
  - Wiluna mine – 100k oz pa
  - Wilsons mine – 50k oz pa
  - Youanmi mine – 50k oz pa





**PRODUCTION AND GROWTH**

## Wiluna Plant: Infrastructure and People

- 1Mtpa Process plant
- Fully serviced underground mine
- Fully developed open pit
- 13MW gas fired power station
- 8MW back-up diesel power station
- Communications
- 300 person accommodation village
- Offices and Workshops
- All weather airstrip
- Sealed highway
- Knowledgeable Wiluna employees retained



## Wiluna Refurbishment and Commissioning



- Extensive Refurbishment:
  - Power Generation;
  - Electrical Distribution;
  - Crushing circuit;
  - Mill drive trains;
  - BIOX cooling.
- Refurbishment Delay:
  - Approximately 8 weeks;
  - Old power control circuits;
  - Electrical Distribution;
  - Approximately A\$20m negative cashflow impact.



## Processing



- Plant commissioning 2008:
  - Crusher, 21 November;
  - Mill 1, 22 November;
  - Mill 2, 4 December;
  - All circuits, 21 December.
- Plant throughput currently 1,800oz per week (7,500oz per month) and targeting 2,300oz per week in February.
- Current production rate provides positive cashflow;
- BLOX throughput is 70% of design capacity at present;
- All other circuits are now operating at design capacity;
- BLOX throughput expected to be at design capacity by end of January.





## Processing Improvements



- Commissioning of flash flotation circuit and concentrate re-grind mill in the week commencing 19 January will increase flotation recovery, concentrate grade and quality;
- Automation of BIOX cooling and blower air in early February will improve BIOX circuit stability, control and bacteria activity;
- Monitoring and control;
- Operator familiarisation ongoing.

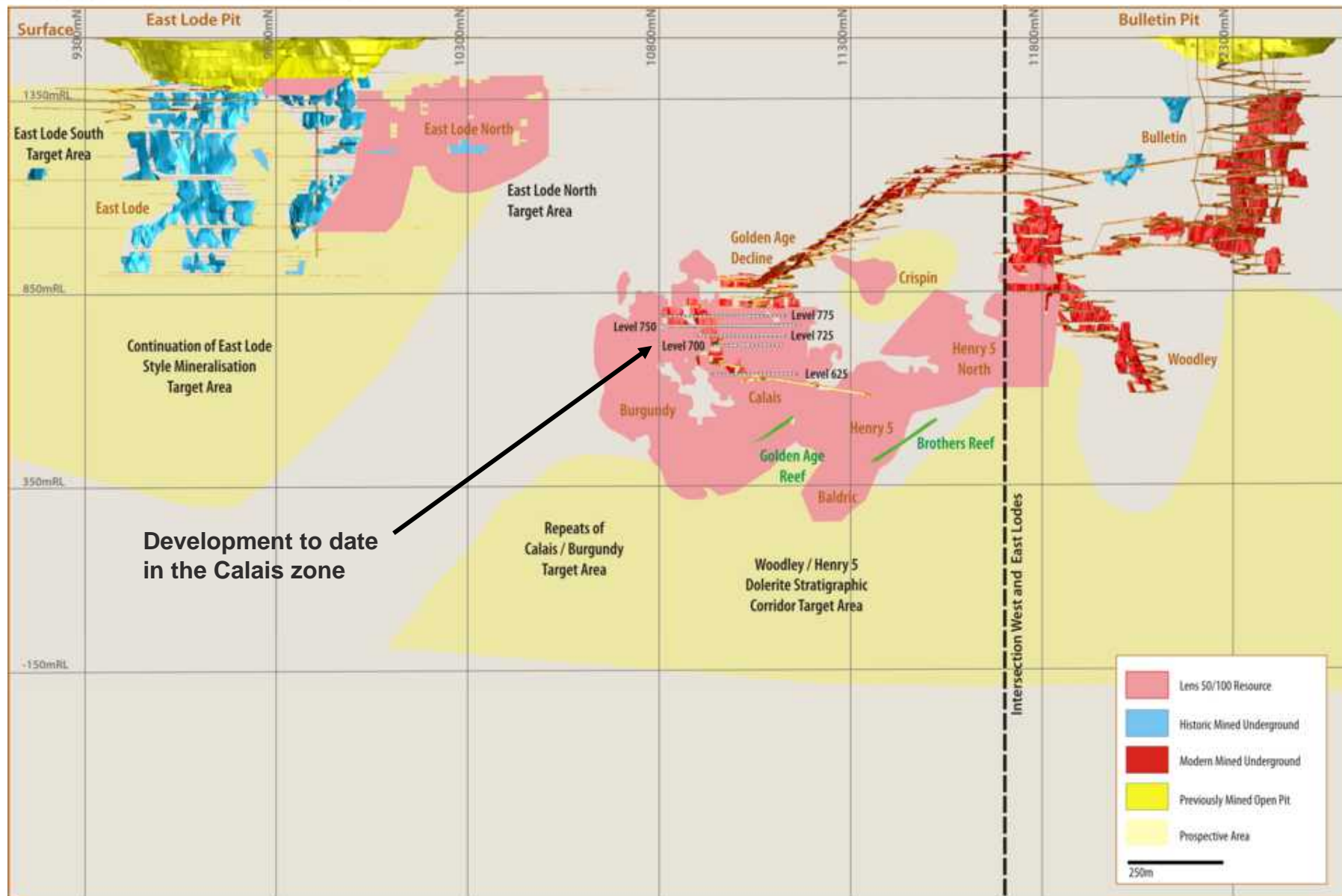
# Mining



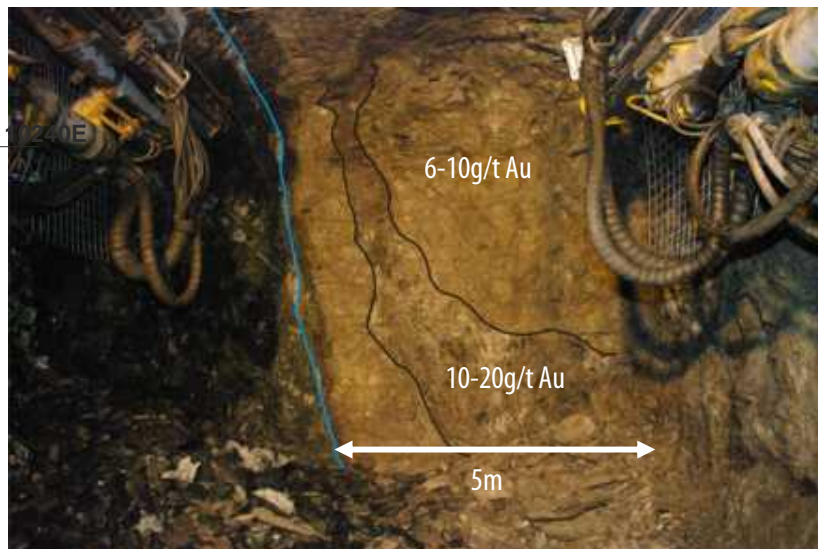
- U/G mining fleet delivered and commissioned in September.
- Development rate is now at the level required for long term sustainable production.
- Development and initial stoping grades are as expected.
- Open pit mining rates and grades as expected.
- Open pit mining temporarily suspended to reduce ROM stocks.



## Wiluna East Lode – resources & development to date

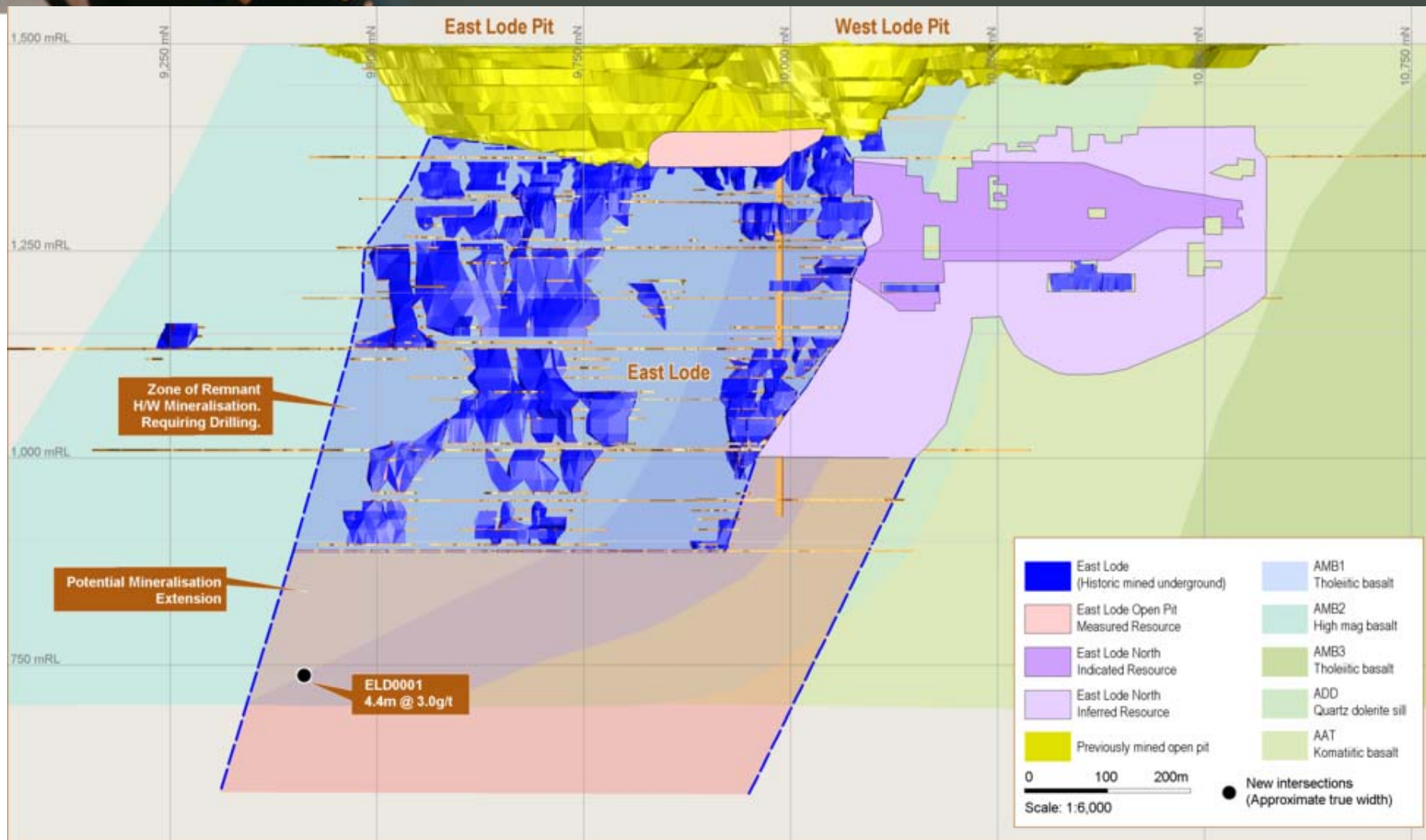


## Level plan of the 700/50N (north drive of the 700RL level on the 50 lens, Calais)



- Face sampling and grade control drilling is defining consistent high grade ore where predicted
- This is confirming the resource model
- This development ore is on the ROM pad awaiting processing
- This will form the basis of a high grade stope in the near future

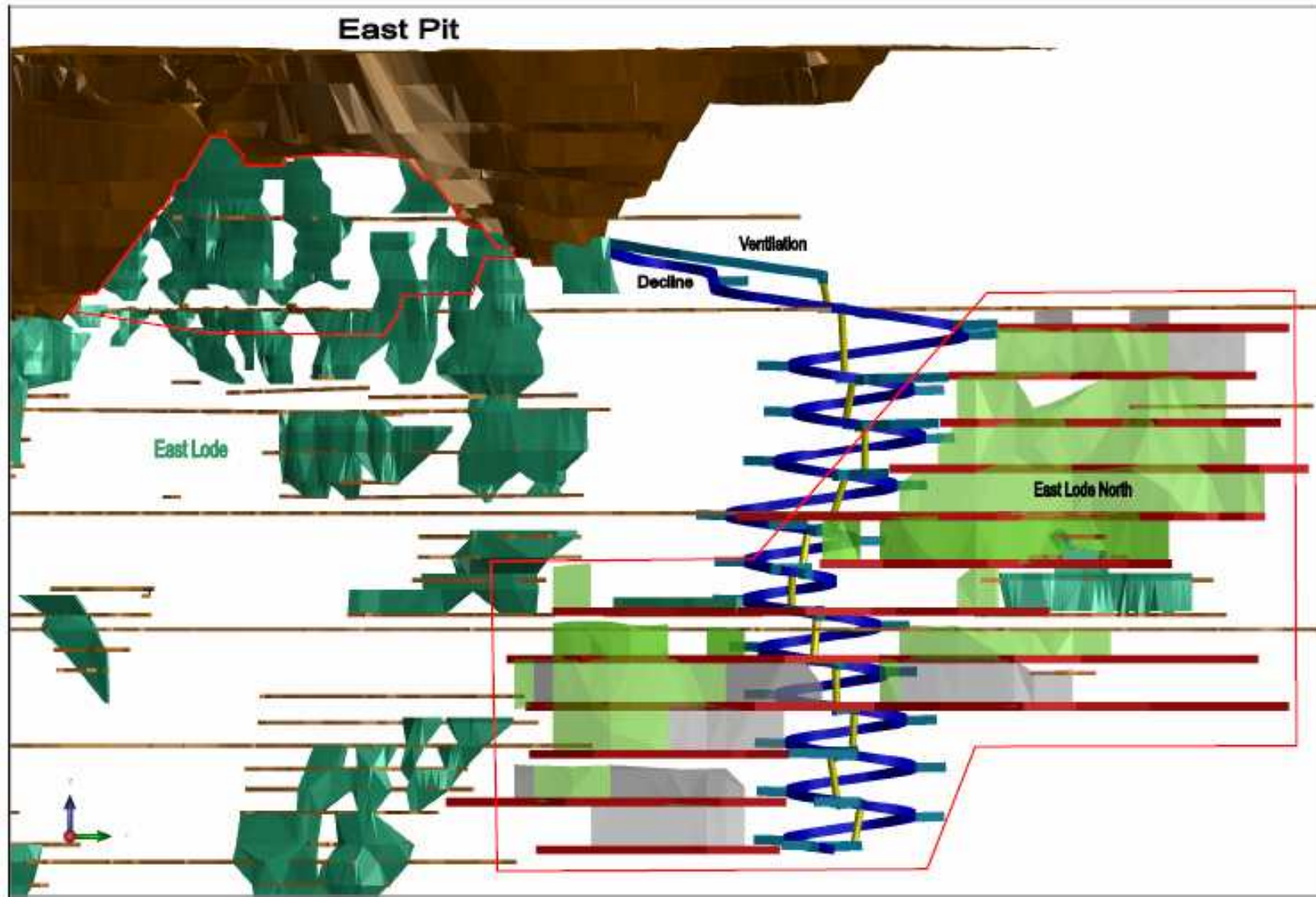
## Wiluna – East Lode (past production of 2 million Oz gold & unexplored since 1950)



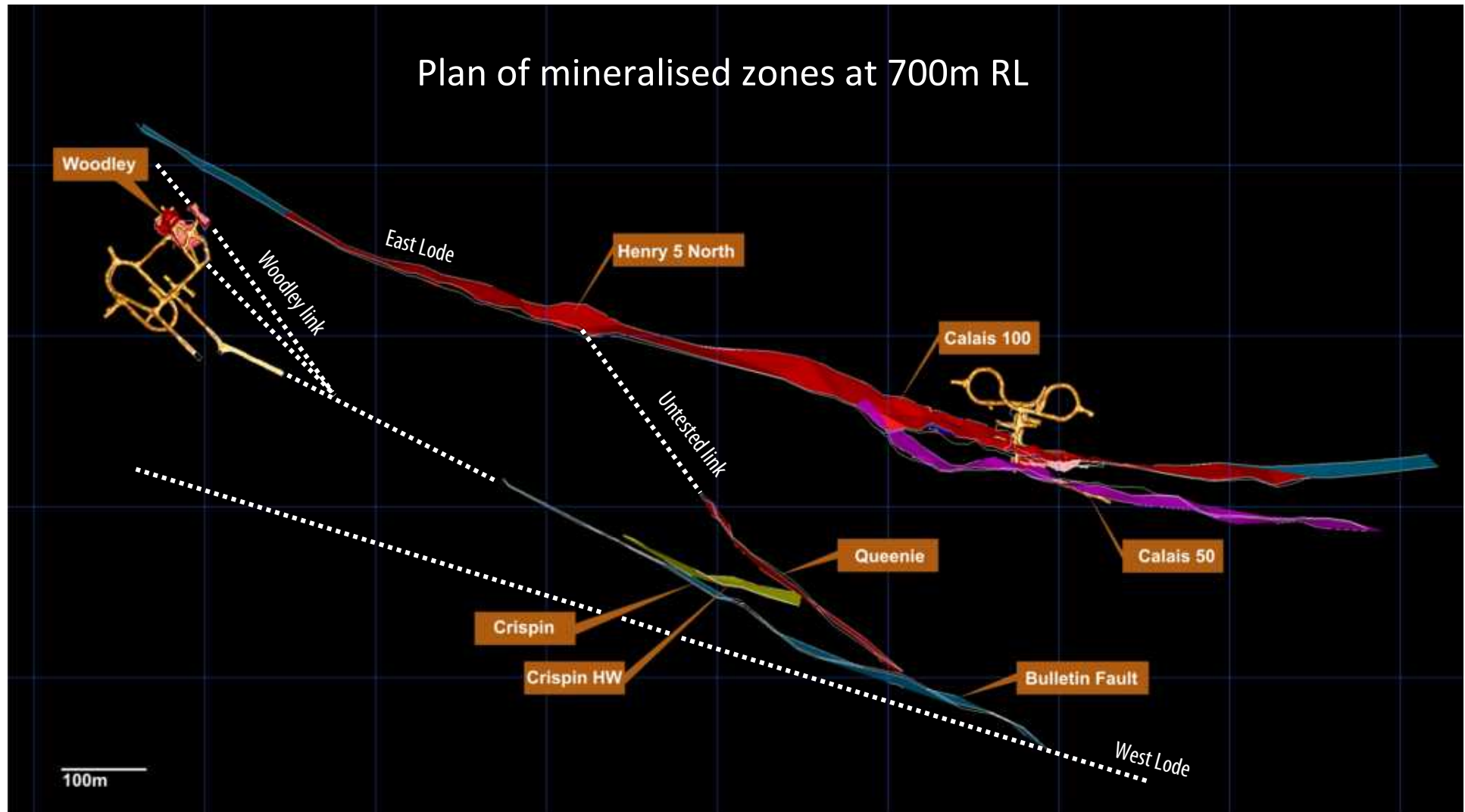
- 250,000 ounces defined in East Lode Pit (pink) and East Lode North (purple)
- Considerable additional potential in East Lode Hangingwall zone (blue) and at depth (brown)



## East Lode North Preliminary Design



## Wiluna in-mine exploration potential: Crispin & Queenie lodes

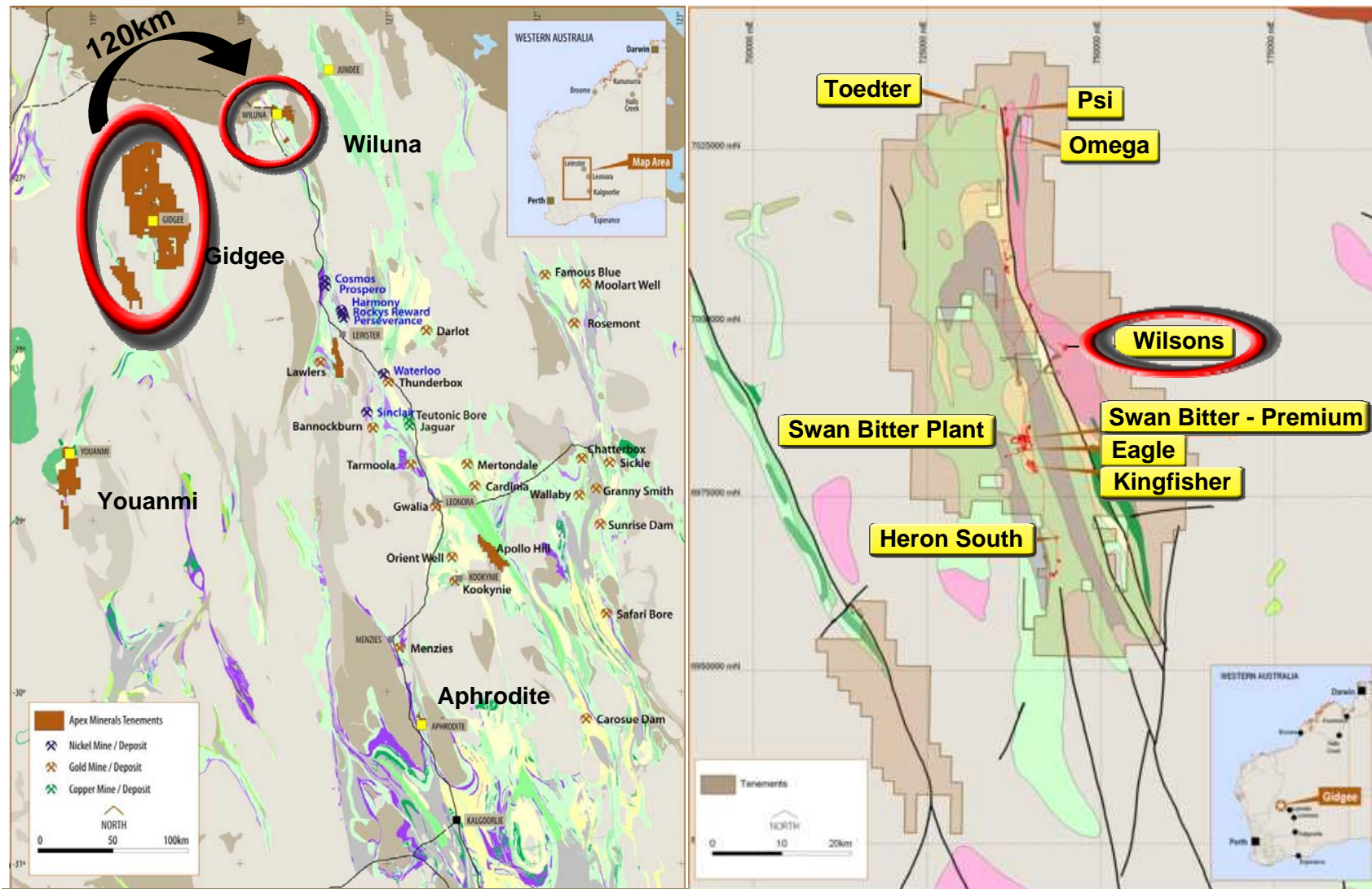




**FUTURE PRODUCTION**



## Gidgee – Wilsons deposit and other targets



100% ownership of 70km strike containing over 20 previously mined open pits providing underground potential

## Wilsons Project Status

- Existing open pits at Wilsons (Wilsons 3) provide immediate launching pad for decline development
- Existing village, offices, power and other infrastructure will allow preliminary works and decline development to commence
- Small development crew required for an initial 6 month period
- Mine infrastructure at Wilsons needs to be constructed, and Gidgee camp refurbished progressively
- Mobile equipment fleet has commenced arrival on site for Wilsons and Wiluna for commissioning
- Environmental approvals in place
- Studies completed for the Wiluna to Wilsons road upgrade. No additional road widening or clearing required. All Approvals in place.

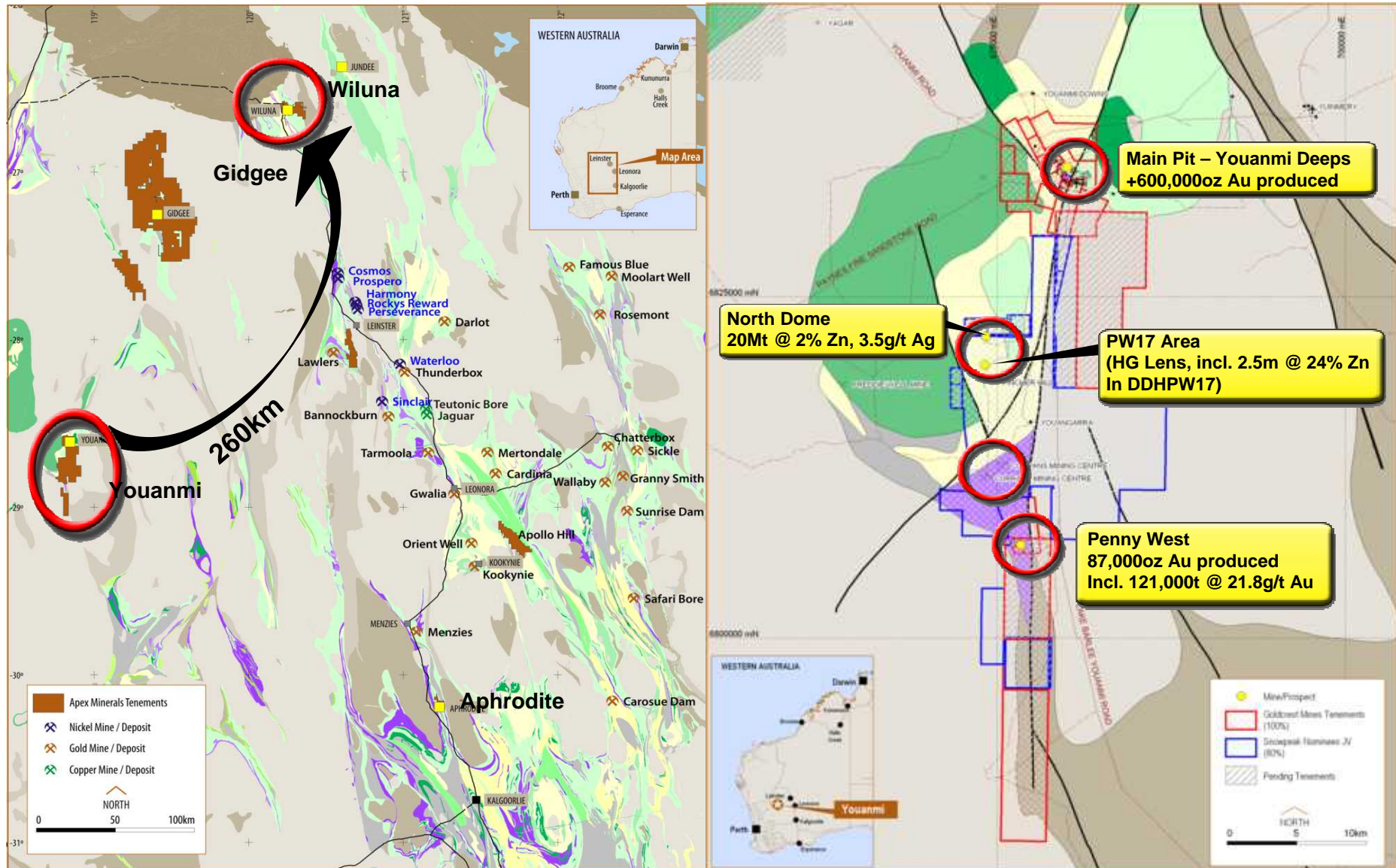


## Wilsons – February 2008 resources and targets

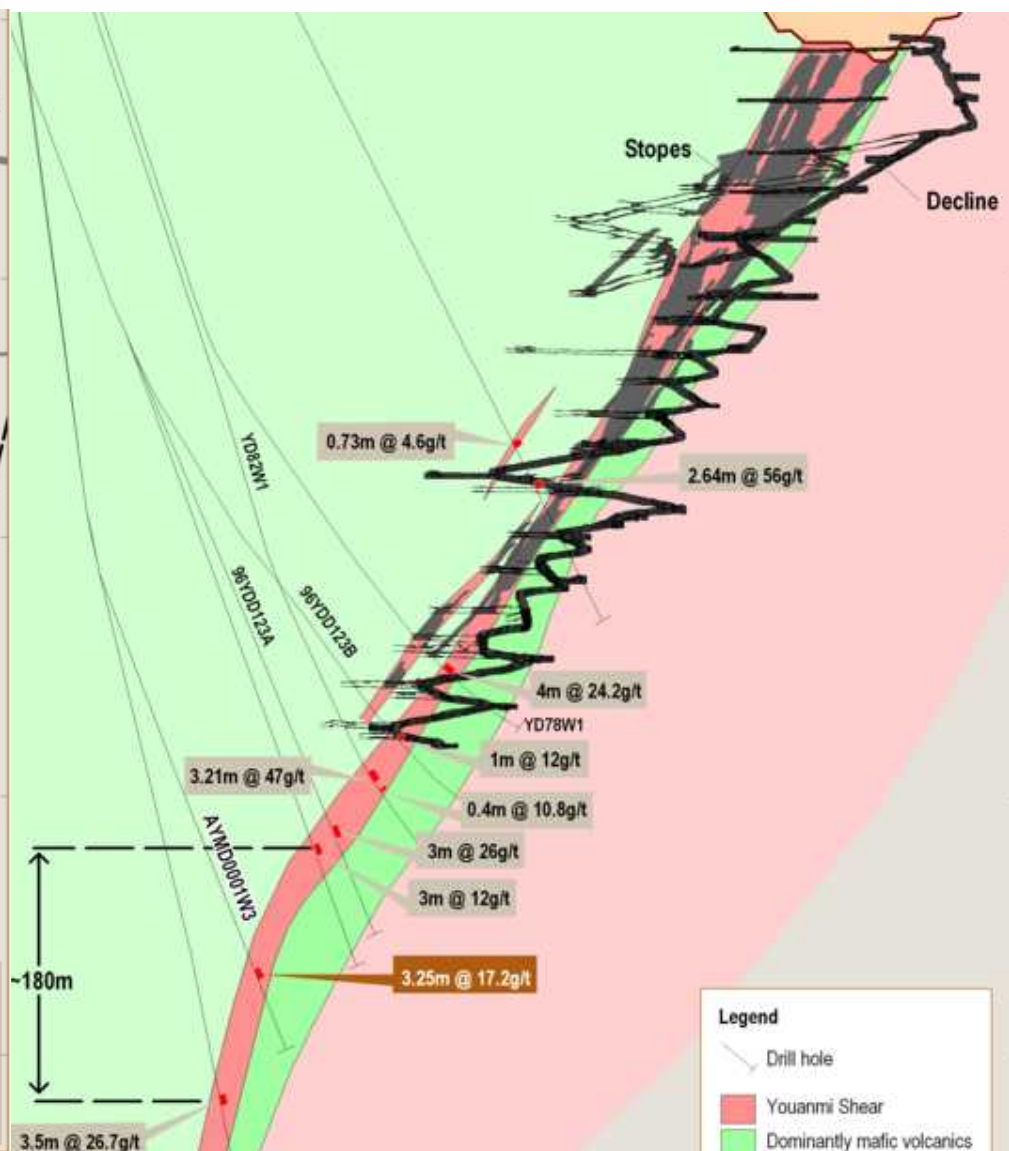
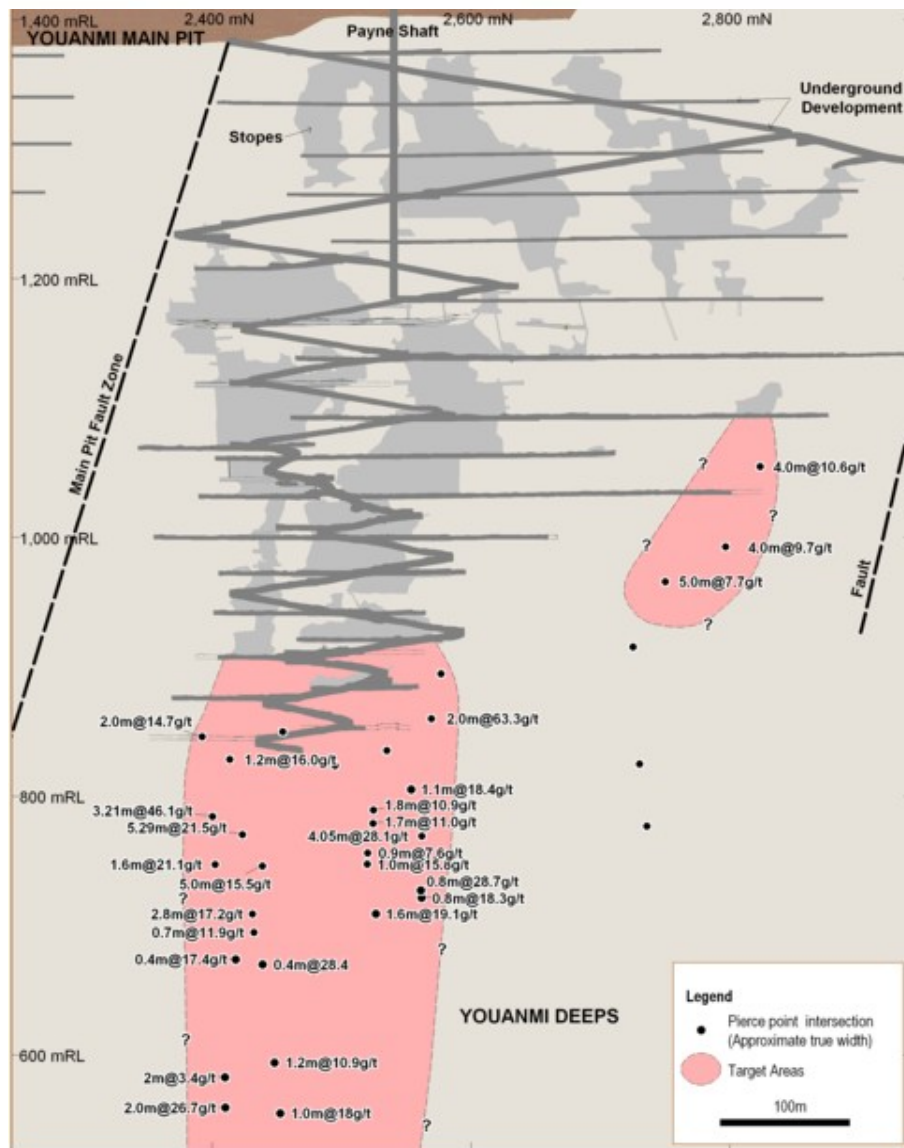




# Youanmi



Youanmi: previous production of 150,000tpa @ ~12g/t for 50,000 oz pa



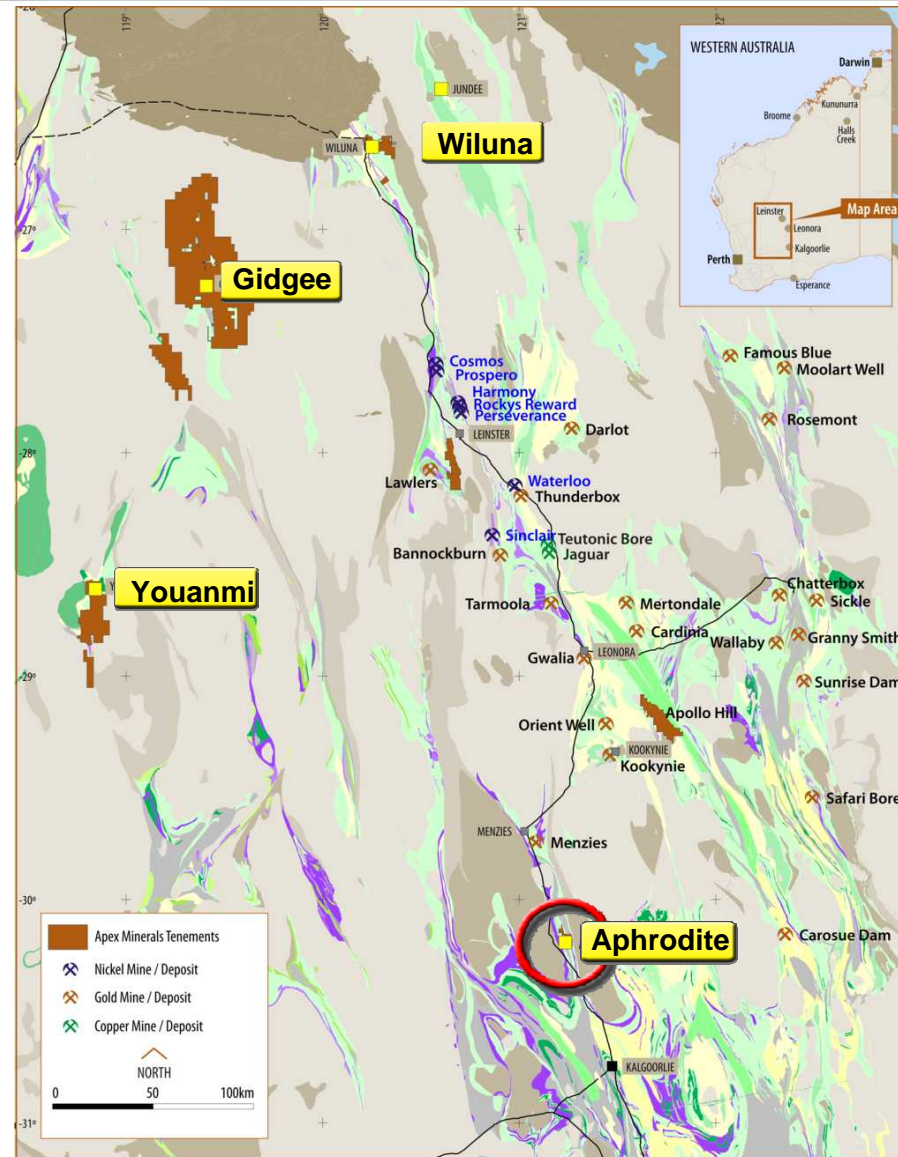
## Youanmi Project Status

- Existing main pit dewatering is continuing into existing evaporation ponds;
- Dewatering commenced in January 2008 and is proceeding as anticipated
- Studies completed for the Youanmi to Sandstone road upgrade. No additional road widening or clearing required;
- Youanmi has an existing village, airstrip and plant. Items of plant at Youanmi will be used as required for the plant refurbishment and upgrade at Wiluna;
- Production scheduled for mid 2010.





## Other Projects





## APPENDIX

# Mineral Resources as at November 2008



		MEASURED			INDICATED			INFERRED			TOTAL		
		Tonnes	Gold, g/t	Oz	Tonnes	Gold, g/t	Oz	Tonnes	Gold, g/t	Oz	Tonnes	Gold, g/t	Oz
<b>Wiluna</b>	Calais u'ground	0	0.0	0	2,380,000	6.8	520,000	1,410,000	6.2	280,000	3,790,000	6.6	800,000
	East Lode North	0	0.0	0	440,000	5.9	80,000	670,000	5.7	120,000	1,110,000	5.8	210,000
	Other u'ground	0	0.0	0	630,000	5.9	120,000	1,610,000	6.0	310,000	2,230,000	6.1	440,000
	Total Wiluna underground	0	0.0	0	3,440,000	6.6	730,000	3,680,000	6.1	720,000	7,120,000	6.3	1,440,000
	East Pit	370,000	4.1	50,000	0	0.0	0	30,000	4.2	4,000	400,000	4.1	53,000
	Other pits & stockpiles	180,000	1.7	10,000	100,000	4.7	15,000	190,000	2.6	16,000	470,000	2.8	42,000
	Total Wiluna open pits	550,000	3.4	60,000	100,000	4.7	15,000	220,000	2.9	21,000	870,000	3.4	96,000
	<b>TOTAL WILUNA</b>	<b>550,000</b>	<b>3.4</b>	<b>60,000</b>	<b>3,540,000</b>	<b>6.5</b>	<b>741,000</b>	<b>3,900,000</b>	<b>5.9</b>	<b>738,000</b>	<b>8,000,000</b>	<b>6.0</b>	<b>1,539,000</b>
<b>Gidgee</b>	Wilsons u'ground	0	0.0	0	920,000	7.3	215,000	540,000	6.4	110,000	1,460,000	6.9	325,000
	Other u'ground	30,000	10.4	9,000	128,000	10.4	43,000	611,000	7.4	146,000	766,000	8.0	197,000
	Total Gidgee underground	30,000	10.4	9,000	1,049,000	7.6	258,000	1,146,000	7.0	256,000	2,223,000	7.3	523,000
	Other pits & stockpiles	0	0.0	0	1,050,000	3.1	103,000	0	0.0	0	1,050,000	3.1	103,000
	Total Gidgee open pits	0	0.0	0	1,050,000	3.1	103,000	0	0.0	0	1,050,000	3.1	103,000
	<b>TOTAL GIDGEE</b>	<b>30,000</b>	<b>10.4</b>	<b>9,000</b>	<b>2,100,000</b>	<b>5.4</b>	<b>361,000</b>	<b>1,146,000</b>	<b>7.0</b>	<b>256,000</b>	<b>3,270,000</b>	<b>6.0</b>	<b>626,000</b>
<b>Youanmi</b>	Youanmi underground	0	0.0	0	810,000	8.1	210,000	1,610,000	8.7	449,000	2,410,000	8.5	659,000
	Total Youanmi underground	0	0.0	0	810,000	8.1	210,000	1,610,000	8.7	449,000	2,410,000	8.5	659,000
	Various open pits	20,000	5.5	3,000	4,620,000	1.5	219,000	1,180,000	1.9	72,000	5,820,000	1.6	294,000
	Total Youanmi open pits	20,000	5.5	3,000	4,620,000	1.5	219,000	1,180,000	1.9	72,000	5,820,000	1.6	294,000
	<b>TOTAL YOUANMI</b>	<b>20,000</b>	<b>5.5</b>	<b>3,000</b>	<b>5,430,000</b>	<b>2.5</b>	<b>429,000</b>	<b>2,790,000</b>	<b>5.8</b>	<b>521,000</b>	<b>8,230,000</b>	<b>3.6</b>	<b>953,000</b>
<b>Aphrodite</b>	Alpha Lode	0	0.0	0	0	0.0	0	1,440,000	6.2	287,000	1,440,000	6.2	287,000
	Total Aphrodite	0	0.0	0	0	0.0	0	1,440,000	6.2	287,000	1,440,000	6.2	287,000
<b>Total u'ground</b>		30,000	10.4	9,000	5,300,000	7.0	1,194,000	7,870,000	6.8	1,710,000	13,200,000	6.9	2,910,000
<b>Total o'pit</b>		570,000	3.4	63,000	5,770,000	1.8	337,000	1,400,000	2.1	93,000	7,740,000	2.0	493,000
<b>Total</b>		<b>600,000</b>	<b>3.8</b>	<b>72,000</b>	<b>11,070,000</b>	<b>4.3</b>	<b>1,530,000</b>	<b>9,280,000</b>	<b>6.0</b>	<b>1,802,000</b>	<b>20,945,000</b>	<b>5.1</b>	<b>3,405,000</b>

## Ore Reserves as at November 2008



Ore Reserves	Proved		Probable			Total			
	000's tonnes	Grade, g/t Au	000's oz Au	000's tonnes	Grade, g/t Au	000's oz Au	000's tonnes	Grade, g/t Au	000's oz Au
Wiluna u/g – Calais area				1,341	6.2	266	1,341	6.2	266
Wiluna East Lode North u/g				343	5.5	60	343	5.5	60
Wiluna East Lode open pit				404	4.0	52	404	4.0	52
Wiluna total				2,088	5.7	378	2,088	5.7	378
Wilsons u/g				826	6.4	170	826	6.4	170
Total				2,914	5.9	548	2,914	5.9	548

- Ore Reserve as of November 2008, based on drilling to October 2008
- Does not include potential future reserves which may be defined from substantial additional Inferred Resources expected to be upgraded to Indicated status following infill drilling



# Competent Persons Statement for Mineral Resources and Ore Reserves



*The information in this report that relates to Exploration Results and Mineral Resources is based on information compiled by Mr. Andrew Thompson who is an employee of the company. Mr. Thompson is a Member of the Australasian Institute of Mining and Metallurgy and has sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a Competent Person as defined in the 2004 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Thompson consents to the inclusion in this report of the matters based on information in the form and context in which it appears.*

*Mineral Resources have been estimated using standard accepted industry practices. All Resources have been estimated via Block Ordinary Kriging using 1m composite samples. Top cuts have been applied to the composites and are considered appropriate for the nature and style of mineralization in all cases. Directional grade variography was modeled for all zones based on 1m composites. Geological and mineralization modeling has been achieved by 3D modeling of footwall and hangingwall structures (a lower 2g/t Au cutoff was applied in the case of Wilsons Deposit). Block models have been developed for these deposits incorporating a suitable parent and sub block dimension to allow adequate volume resolution of modeled geology and mineralization. Grade interpolation (via Block Ordinary Kriging) was then undertaken using a multiple estimation pass strategy.*

*Where quoted, Mineral Resource and Ore Reserve tonnes and ounces are rounded to appropriate levels of precision, causing minor computational errors.*

*Mineral Resources are classified on the basis of drillhole spacing, geological continuity and predictability, geostatistical analysis of grade variability, sampling, analytical, spatial and density QAQC criteria and demonstrated amenability of mineralization style to proposed processing methods.*

*Ore Reserves have been estimated in accordance with the guidelines defined in the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (The JORC Code, 2004 Edition).*

*The information in this report which relates to the Wiluna and Wilsons Underground Ore Reserves is based on and accurately reflects the information compiled by Mr Blair Duncan a consultant to Apex Minerals NL and Principal of Arbitrage Consulting Australia Pty Ltd. The information in this report which relates to the Wiluna Open Pit Ore Reserve is based on and accurately reflects the information compiled by Mr Linton Putland a consultant to Apex Minerals NL and Principal of Linton Putland and Associates Pty Ltd. Mr. Duncan and Mr. Putland are members of The Australasian Institute of Mining and Metallurgy ("AusIMM") and have sufficient experience of relevance to the styles of mineralisation and the types of deposits under consideration, and to the activities undertaken, to qualify as a 'Competent Person' as defined in the 2004 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr. Duncan and Mr. Putland consent to the inclusion in this report of the matters based on information in the form and context in which it appears.*

## Proven management team with significant personal interest

**Kim Robinson**

**Non-Executive Chairman**

- Founding Director of Forrester Gold, Exec Chairman of Kagara Ltd
- 29 years' experience in minerals exploration and mining

**Mark Ashley**

**Managing Director**

- Over 20 years' experience in the resources industry
- Previously Managing Director of LionOre's Australian operations,
- Founding CEO and current Non-Exec Director of Kagara Ltd

**Dr Mark Bennett**

**Director of Geology**

- Over 21 years' experience in gold, nickel and base metals
- Previously with WMC and LionOre in Australia and Africa
- Prospector of the Year 2002 - discovered Thunderbox and Waterloo mines

**Glenn Jardine**

**Operations Director**

- Over 20 years' experience in mining industry
- COO and then Managing Director of LionOre's Australian operations
- Oversaw successful development of several major nickel mines



# Wiluna Past and Future: Doubling output to 200,000oz pa



PAST	FUTURE
1Mtpa BIOX plant	1Mtpa BIOX plant
50% of Mill feed from 1 high grade underground mine - Wiluna	100% of mill feed from 3 high grade underground mines – Wiluna, Wilsons, Youanmi
500,000 tpa from underground sourced from 2 zones	Same tonnage assumed but now at least 4 zones providing greater flexibility – <b><i>potential for less dilution, higher underground tonnages</i></b>
Remaining 500,000 tonnes sourced from (marginal) low grade (1.5g/t) open pits and stockpiles	Remaining feed sourced from high grade Wilsons and Youanmi (~8g/t) – <b><i>first time these deposits under same ownership as Wiluna</i></b>
Only 6-12 months of underground reserves at any one time (hand-to-mouth)	Targeting a 5 year reserve - <b><i>more operational flexibility and better mine planning</i></b>
1mtpa @ 3.75g/t =100,000 oz pa High cost	1mtpa ~7.5g/t = 200,000 oz pa Lower cost per oz ( <b><i>100,000oz Wiluna, 50,000oz Wilson, 50,000oz Youanmi</i></b> )

**Higher production, lower costs, longer life, more flexible mining conditions**



## **Consolidation - A New Approach to an Established Field**

The key to Apex's strategy is bringing 3 mines together for the first time. Prior to this each mine lacked critical mass to sustain stand-alone operations.

### **May 2007: Acquired Wilsons / Gidgee Projects**

- Previously owned by Legend Mining (major shareholder Mark Creasy)
- Apex offered equity as consideration, providing Legend direct exposure

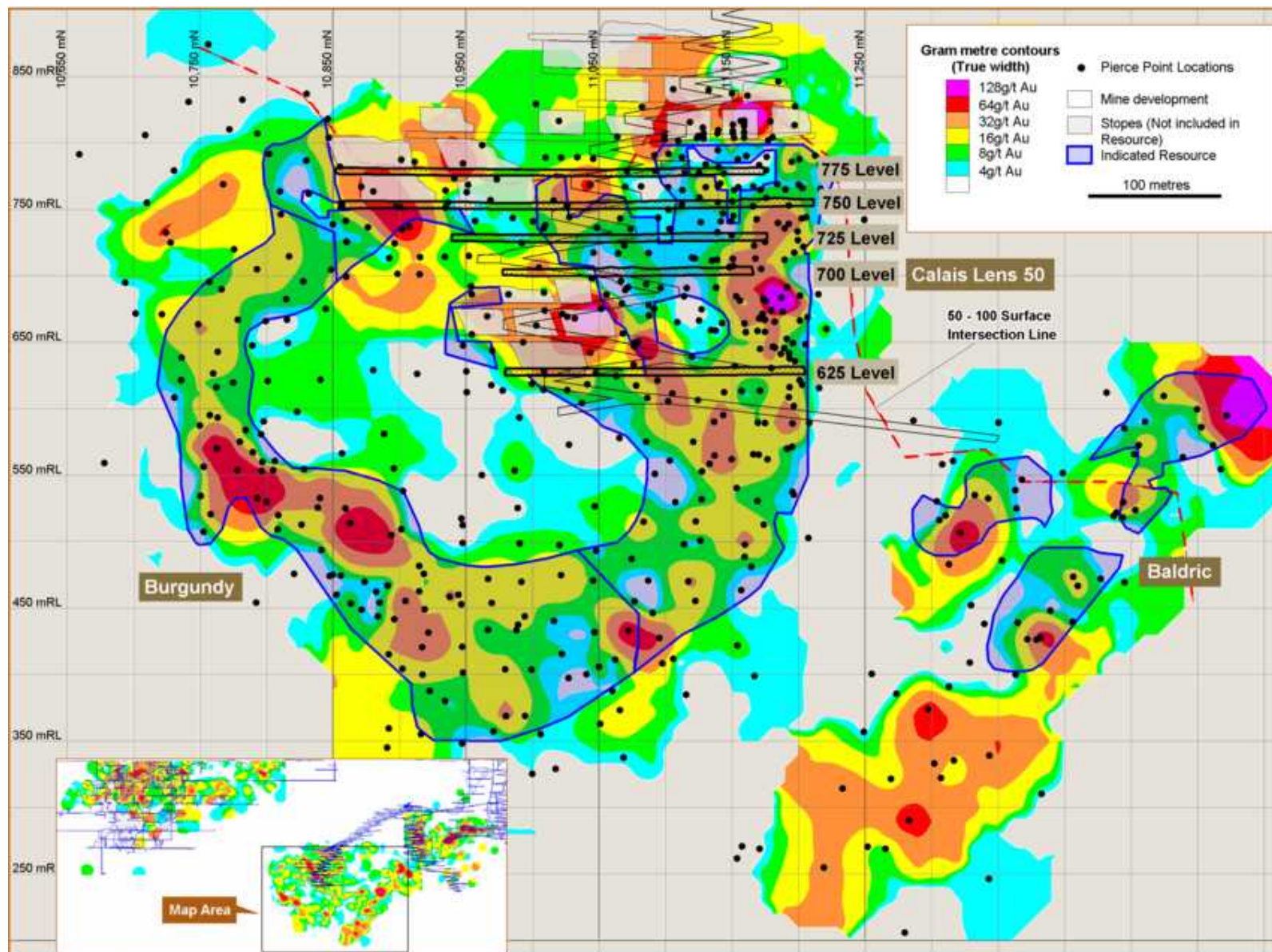
### **May 2007: Acquired Youanmi Project**

- Feasibility study indicated could not operate on sole basis at time
- Apex acquired when Goldcrest Resources made strategic decision to focus elsewhere

### **July 2007: Acquired Wiluna Project**

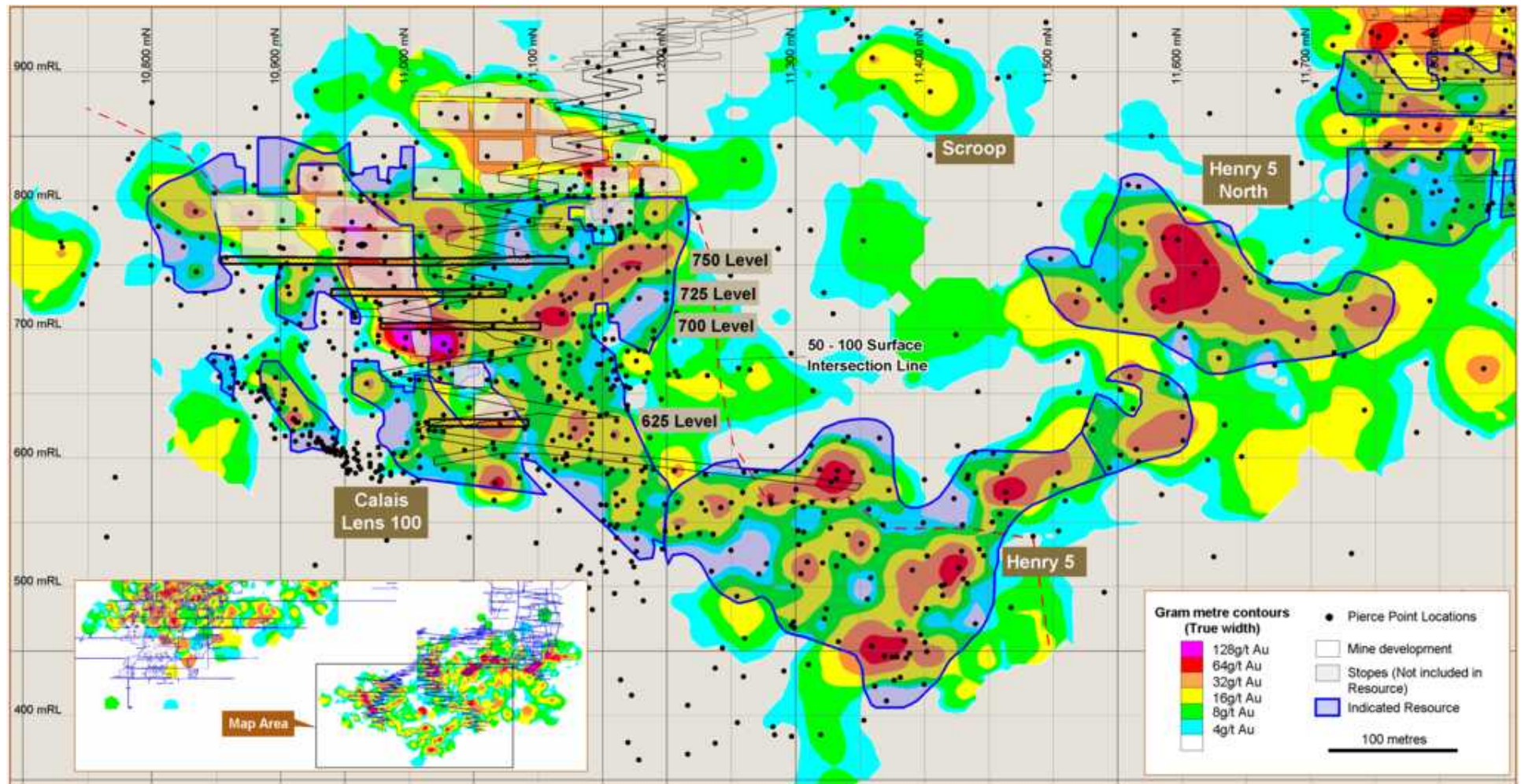
- Oxiana inherited Wiluna via acquisition of Agincourt Resources in April 07
- Wiluna was a non-core asset to Oxiana
- Apex acquired following strategic acquisition of other satellite ore bodies in region

## Wiluna East Lode 50 lens – resources & development to date



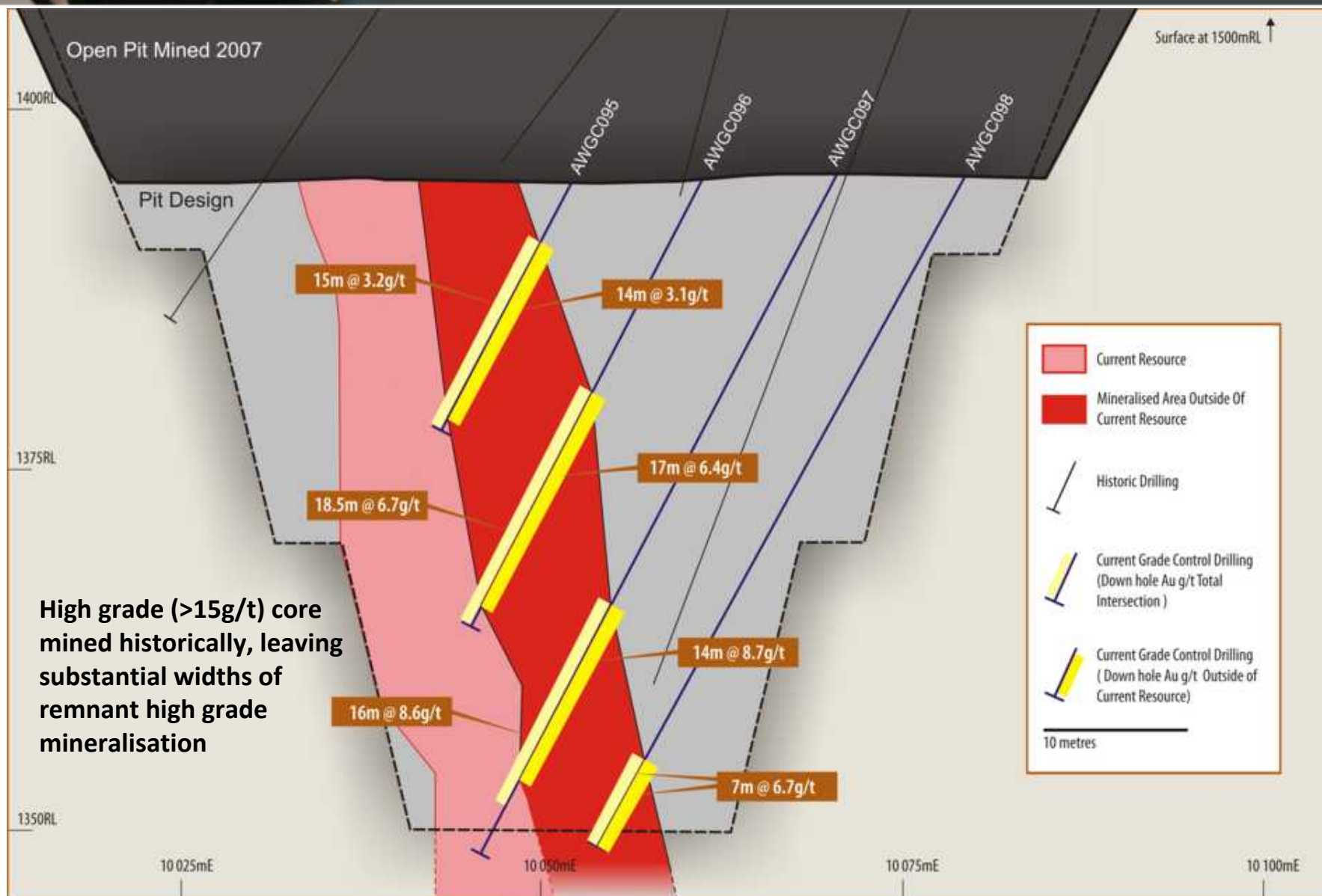


## Wiluna East Lode 100 lens – resources & development to date





# Wiluna: East Lode Open Pit



## Wiluna – Queenie Lode long projection

