



- completed
- Mine Planning Underway exceptional new targets defined

# Seizing the opportunity...

Near-term production and long-term growth at Leonora

Investor Presentation – RIU Explorers Conference - February 2015



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#### **Competent Persons Statement**

The information in this report relates to Exploration Results based on information compiled by Paul Maher who is a member of the AusIMM and an employee of the company and fairly represents this information. Mr Maher has sufficient experience of relevance to the styles of mineralisation and the types of deposit under consideration, and to the activities undertaken to qualify as a Competent Person as defined in the 2012 edition of the JORC Australian code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Maher consents to the inclusion in the report of the matters based on information in the form and context in which it appears.

The exploration results and Mineral Reserve/Resources estimates were originally compiled and announced by Navigator Resources Ltd in their 2012 Annual Report utilising parameters from the 2004 JORC Australian code for reporting of Exploration Results, Mineral Resources and Ore Reserves. This information was prepared and first disclosed under the JORC Code 2004. It 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 last reported.

# **Key Investment Highlights**

An emerging gold company in WA's mineral heartland

- Fast track to production, Kin Mining have advanced from IPO (October 2013) to emerging gold producer in less than 17 months
- Diverse and highly prospective tenement holding in the prolific Leonora region
- Transformational acquisition of the Leonora Gold Project completed November 2014:
  - Total gold inventory at the Leonora Gold Project exceeds
     1 million ounces of gold
  - Due diligence completed by Kin shows Project has all attributes to be a low-cost producer with strong cash flows and outstanding growth potential
  - Targeting near-term production –Bankable Feasibility Study commencing 2015
  - Total acquisition costs equates to \$2.60 per oz
- Strong team with extensive experience in WA's NE Goldfields
- Outstanding exploration potential for gold, nickel and base metals

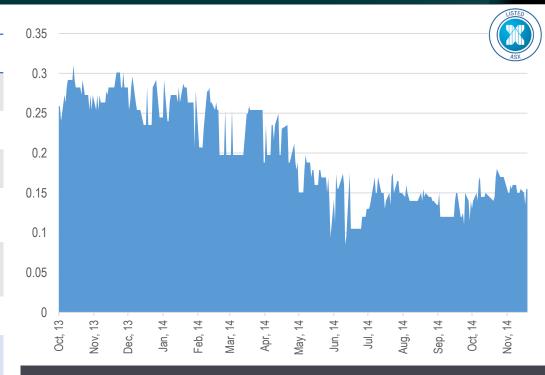




### **Corporate Summary**

Tight capital structure, quality share register, strong leverage to growth

Kin Mining NL	ASX: KIN
Listed Shares	48,285,357
Options	Nil
Top 20 Shareholders	60.95%
Share Price (20 February 2015)	\$0.135
Market Capitalisation (20 February 2015 @ \$ 0.13.5)	~ \$ 6.5M
Debt	2.35M
Major Shareholders Directors Waterton Global Value LP	30.6% 5.3%



Tightly held register with Directors having significant "skin in the game". Highly leveraged to growth through acquisition and exploration success.





### **Experienced Leadership Team**

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"Experienced Campaigner's with a BIG picture view"

#### **BOARD**

#### **Terry Grammer** – Chairman (Geologist)

Awarded joint 'Prospector of the Year' in 2000 for Jubilee Mines Cosmos Nickel Deposit

#### **Trevor Dixon** – Managing Director (Prospector/Business Manager)

30 years' experience in the exploration and mining industry in Western Australia

#### Fritz Fitton – Technical Director (Geologist)

- Distinguished geological mapper and cartographer with 46 years experience in the industry
- Involved with discovery of economic mineral deposits at Golden Grove Cu-Zn-Au (WA), Elura Zn-Pb-Ag (NSW) & Harbour Lights Au (WA)

#### Joe Graziano – Non-Executive Director & Company Secretary (Chartered Accountant)

Extensive exposure to mining businesses and corporate compliance

#### **OPERATIONS**

#### Paul Maher – Senior Geologist (Geologist)

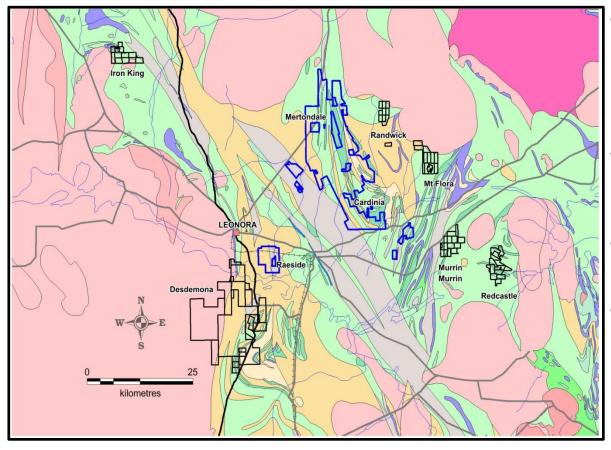
- 30 years as a member of the Australasian Institute of Mining and Metallurgy (MAusIMM)
- Extensive Eastern Goldfields experience

Strong board and management with extensive experience of discovery and development in WA's North-Eastern Goldfields.



### **IPO Targets have Delivered**

"Boots on the ground" Team involved in the Leonora District for over 30 years

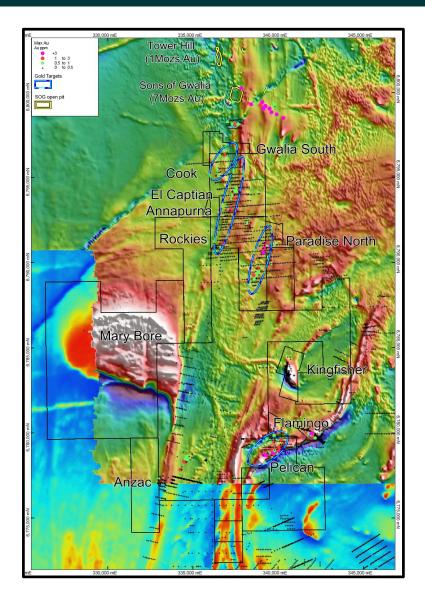


- Multiple targets identified within the Desdemona Project including the Gwalia Shear Zone, Kingfisher, Paradise, Annapurna and Pelican Prospects
- Outstanding RC intersections returned from initial drill programme at Murrin, Eastern Gabbro Prospect, best result
- 32m @ 4.29g/t Au including 2 m @
   34.23g/t Au from 87m
- Mt Flora, Randwick, Iron King and Redcastle projects are all under review the projects represent outstanding exploration potential having returned significant highgrade rock chip sample gold assays



### Desdemona Project

### Consolidated land holding along the Gwalia Shear Zone



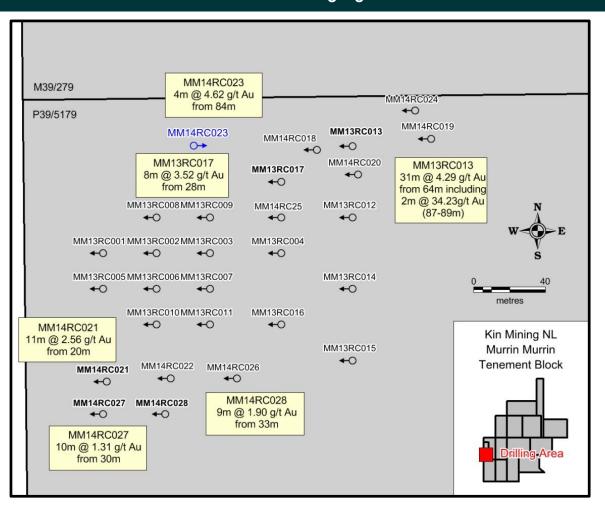
- Multiple gold targets identified along the newly acquired Gwalia South corridor
- Annapurna 4m @ 15.15g/t Au including 1m @ 45.83g/t Au
- Cook 10m @ 0.94g/t Au including
   2m @ 2.04g/t Au to EOH
- Pelican 8m @ 22.48g/t Au from 60m
- Paradise North 12m @ 3.57g/t Au including 3m @ 13.3g/t Au from 42m
- Gwalia Shear Zone coverage now 26 strike kilometers commencing immediately south of the Sons of Gwalia mine
- Limited shallow angle drilling along this prospective corridor
- Kingfisher potential remains untested beyond known Ni-Cu-PGE mineralisation

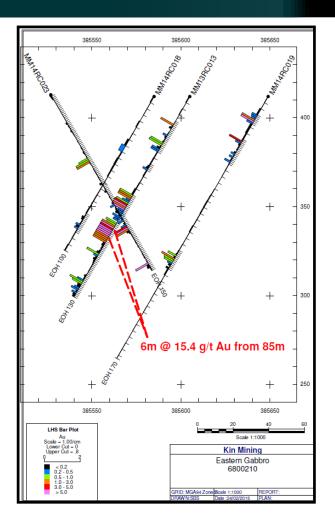


### Murrin Murrin – Eastern Gabbro Prospect



High grade RC drill intersections





- Initial RC drilling programme returned high grade intersections
- 6m @ 15.4 g/t Au (85-91m) including 2m @ 34.23 g/t Au from 87m in hole MM13RC0013
- High grade ore shoot remains undefined and open at depth



# Leonora Gold Project: A Rare Opportunity

+\$20 Million expended on the LGP asset - Secured for \$2.7 Million

- Leonora Gold Project offers a rare combination of:
  - Extensive historical exploration and mining data
  - Near-term production
  - Outstanding untapped potential
- Historical production of +316,000oz at exceptional average head grade of 4.92g/t Au
- Open Cut Mining Resource of 12.29Mt @ 1.9g/t Au for 745,000oz (JORC 2004)
  - >70% classified in the upper Indicated category
- Historical mining was sporadic and limited potential to significantly expand resource base
- Pre-feasibility Study completed by Navigator Resources
  - Demonstrated robust project with considerable upside
  - Profitable trial mining completed at Bruno and Mertondale 2 pits
- Strategically positioned close to rail-head, road and the well serviced, long established mining town of Leonora



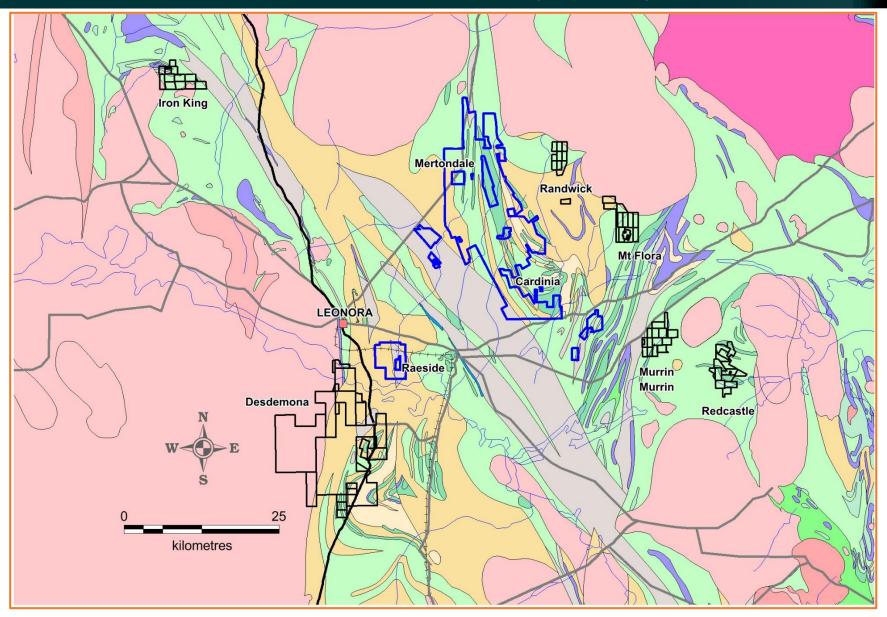




# Leonora Projects: Tenements and Key Deposits

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Focussed on the doorstep of one of WA's great mining centres



### Leonora Gold Project : An Abridged History



A large Resource base which has seen only limited historical mining

- 1896: Gold first discovered in the Leonora district
- 1899: Discovery of the Merton's Reward prospect within the Leonora Gold Project area
  - Total life of mine production of :

60,000oz at an average grade of 21g/t Au

1986: Commencement of open pit mining



Fred Merton & Merton's Reward Gold (c.1904)

- Total production of ~214,000oz at an average grade of 3.9g/t Au from the Mertondale 4, Mertondale 3, Mertondale 2 and Mertondale 5 pits
- Small scale production from the Forgotten Four deposit by Triton Resources from 1990-1992: ~6,300oz at an average grade of 3.9g/t Au
- 1996: Sons of Gwalia acquires the Cardinia-Mertondale tenement portfolio from Aurora Gold, and subsequently acquires the Raeside tenements from Triton Resources in 2000
- 2004: Navigator Resources acquires Leonora Gold Project from the Administrators of Sons of Gwalia
  - More than doubles the size of the regional tenement portfolio to the current 306km<sup>2</sup>
  - Increases resource base from 220,000oz Inferred Resource at the time of purchase, to the current open cut mining resource of 745,000oz with an additional 282,000 oz beneath or along strike of those open pit designs
- 2014: Kin Mining acquires the Leonora tenements after Navigator appoints voluntary administrators following operating difficulties at its Bronzewing mine

### Leonora Project: Rapid Pathway to Production

Open pit optimisations completed for key deposits: fast-track production opportunity

- Substantial planning and development work already completed:
  - Pit optimisation studies completed for each of the key deposits.
  - Strong results from metallurgical test work, including recoveries of +95%
  - Potential for high-grade starter pits will help secure project finance and reduce payback period
- Upgrade the existing resource to JORC 2012 guidelines
  - Updated JORC resource expected Q2 2015
- Bankable Feasibility Study (BFS) expected to commence in 2015
- All development pathways under consideration including standalone plant, toll treatment and regional consolidation opportunities



Trial mining being undertaken at the Mertondale 2 open pit by Navigator Resources in June 2010



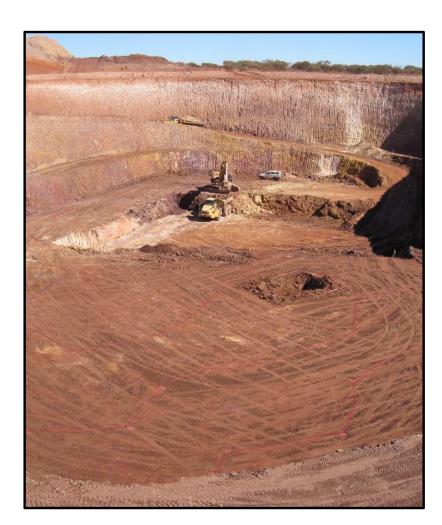


# Near Term Production Opportunity Identified at Cardinia in the Leonora Gold Project



#### **HIGHLIGHTS:**

- Outstanding early-stage mining opportunity identified for start-up open pits at Lewis, within the larger 120,000oz Bruno-Lewis Resource.
- Historic metallurgical test work indicates ~70% gold recovery on coarse material.
- Advanced mine plans in place, clearing the way for a rapid start-up to mining operations.
- Free dig, shallow supergene ore has potential for inexpensive life-of-mine operating cost ~\$750/oz

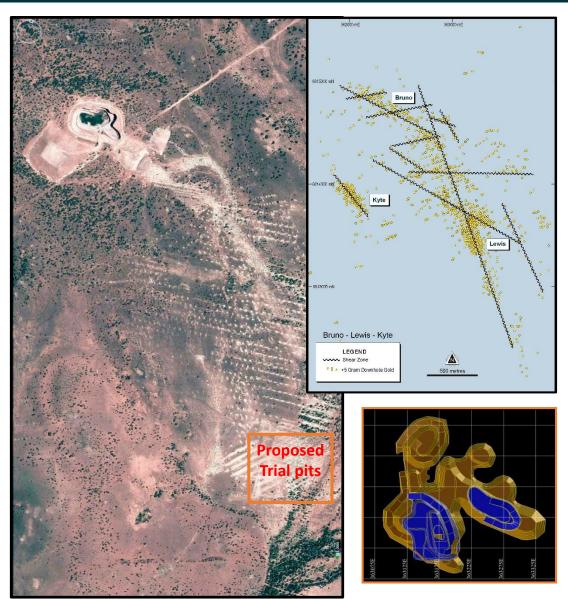


Mining at Bruno open cut 2010



# Cardinia: Early stage production opportunity





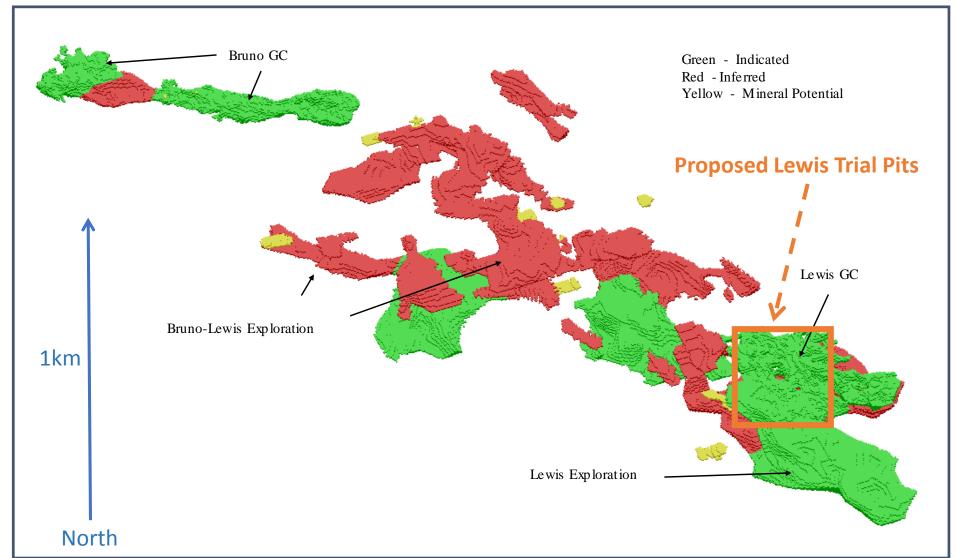
### Cardinia – Lewis East and Lewis West Trial Mining Stage one open cuts

- An outstanding early stage mining opportunity identified with start up open pits at Lewis within the larger 120,000 oz Bruno-Lewis Resource
- Advanced mine plans are in place, clearing the way for a rapid start up mining operation. On site vat leaching is envisaged as the quickest and lowest cost treatment option



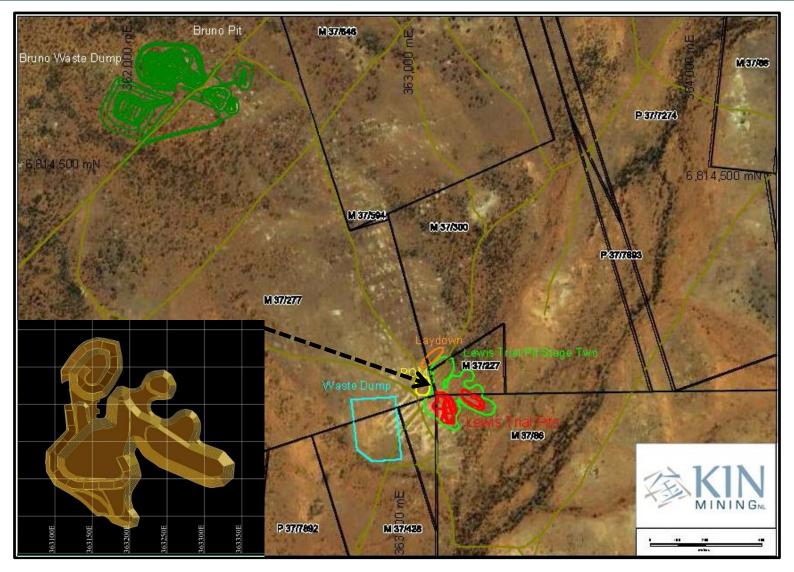
### 120,000oz Bruno-Lewis Block Model Coloured by Category

Grade Control (GC) areas drilled out on a 5m x 8m pattern



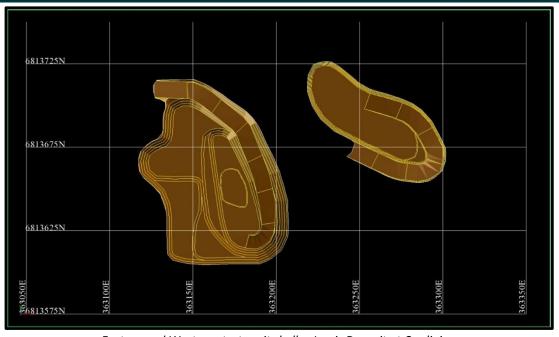
# Cardinia: Bruno Lewis Mine Layout





# Lewis Open Cut Stage 1 Pits





Eastern and Western starter pit shells - Lewis Deposit at Cardinia

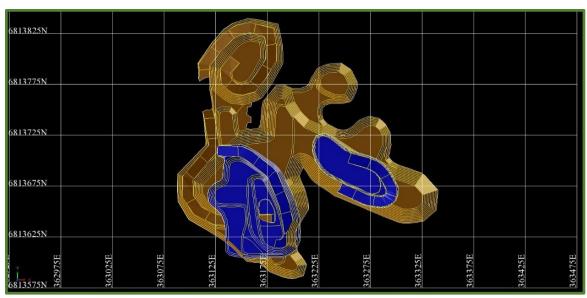
Western Pit										
Ber	nch	Ore (undiluted)		W	aste	Total				
from	to	bcm	t	g/t	bcm	t	bcm	t		
420	415	-	-	-	-	-	-	-		
415	410	-	-	-	-	-	-	-		
410	405	1,625	2,925	1.56	31,175	56,115	32,800	59,040		
405	400	6,300	11,340	1.93	15,950	28,710	22,250	40,050		
400	395	6,525	11,745	2.08	3,525	6,345	10,050	18,090		
395	390	2,925	5,265	2.13	875	1,575	3,800	6,840		
390	385	-	-	-	-	-	-	-		
385	380	-	-	-	-	-	-	-		
		17,375	31,275	1.98	51,525	92,745	68,900	124,020		

Eastern Pit											
Bench Ore (undilu			(undilute	d)	Wa	aste	Total				
from	to	bcm	t	g/t	bcm	t	bcm	t			
420	415	-	-	-	-	-	-	-			
415	410	-	-	-	-	-	-	-			
410	405	1,125	2,025	2.96	14,525	26,145	15,650	28,170			
405	400	2,575	4,635	2.27	9,975	17,955	12,550	22,590			
400	395	4,725	8,505	2.61	5,050	9,090	9,775	17,595			
395	390	-	-	-	-	-	-	-			
390	385	-	-	-	-	-	-	-			
385	380	-	-	-	-	-	-	-			
		8,425	15,165	2.56	29,550	53,190	37,975	68,355			



# **Lewis Mining Plan Combined Pits**





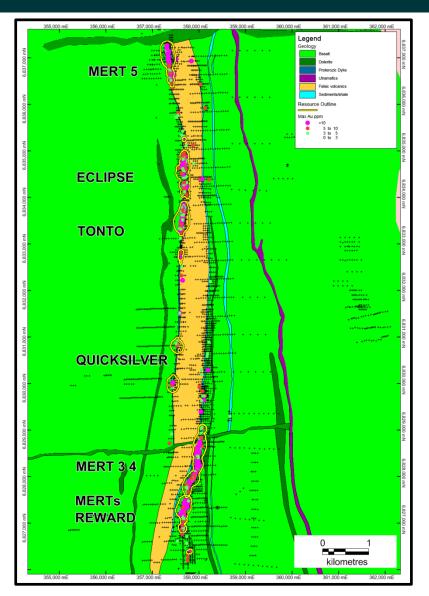
Eastern and Western starter pit shells (blue) inside the greater Lewis deposit (brown) at Cardinia

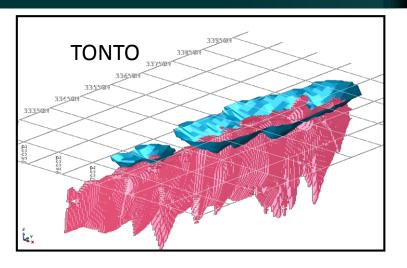
LEWIS Grade Control FINAL Pit Summary (au_cut30 >=0.95g/t)										
Ber	nch	Ore (undiluted)		Wa	ste	Total				
from	to	bcm	t	g/t	bcm	t	bcm	t		
420	415	-	-	-	-	-	-	-		
415	410	-	-	-	150	270	150	270		
410	405	4,025	7,245	1.89	142,000	255,600	146,025	262,845		
405	400	13,325	23,985	1.85	107,075	192,735	120,400	216,720		
400	395	23,000	41,400	2.05	72,400	130,320	95,400	171,720		
395	390	17,825	32,085	1.96	49,450	89,010	67,275	121,095		
390	385	15,700	28,260	2.14	29,925	53,865	45,625	82,125		
385	380	-	-	-	-	-	-	-		
		73,875	132,975	2.00	401,000	721,800	474,875	854,775		



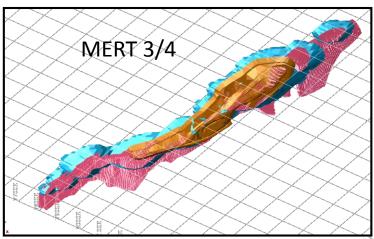
### 395,000 oz Au of hard rock assets along the Mertondale Shear Zone

Focus of an upcoming Bankable Feasibility Study



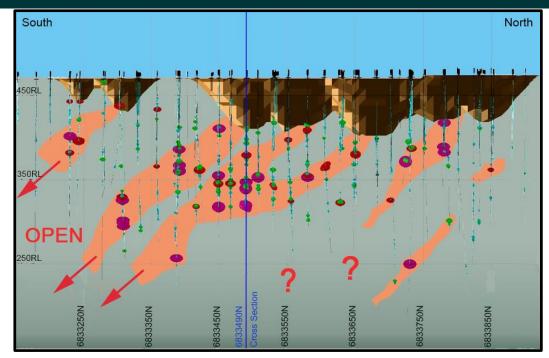


Multiple well defined open cut deposits with potential to grow the resources along the Mertondale Shear Zone

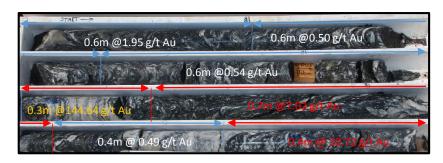




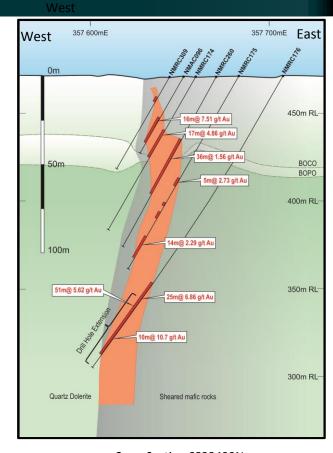
### **Underground Potential at the Tonto Deposit – Mertondale Shear Zone**



Long Section with proposed open pit shell displaying all drilling Down hole grades: 0-3 g/t Au = blue, 3-5g/t Au = green, 5-10g/t Au = red, +10g/t Au = magenta



Drillhole NMDD006 (184.5 – 188m) mylonitic gold rich zone assayed for gold only - Section 6833300N



Cross Section 6833490N

Mylonitic gold rich zone at Tonto displaying depth potential with numerous +10g/t Au intersections below the proposed open pit shell design. Gold mineralisation remains open at depth.



# Substantial Existing Gold Resource



- 70% of the **745,000 oz** total resource classified as Indicated (JORC 2004)
- 282,000oz of resource contained outside existing pit shell designs
- Pre-Feasibility Study demonstrated economically viable project with substantial upside



#### **Leonora Gold Project - JORC (2004) Compliant Mineral Resources**

#### LEONORA GOLD PROJECT

There have been no changes to the Leonora Mineral Resource Estimates during the year.

	LEONORA	GOLD PR	OJECT MII	NERAL RE	SOURCE	5-30 JUN	E 2012			
Project	Lower cutoff grade	Indic	Indicated Resources		Inferred Resources			Total Resources		
Area	g/t Au	Mt	g/t Au	koz	Mt	g/t Au	koz	Mt	g/t Au	koz
Mertondale*										
Mertondale 3_4	0.7	0.87	2.3	65	0.66	2.1	45	1.53	2.2	110
Merton's Reward	0.7	1.01	2.7	87	0.07	1.7	4	1.08	2.6	91
Tonto	0.7	0.97	1.9	60				0.97	1.9	60
Eclipse (Tonto North)	0.7	0.62	1.8	35	0.25	1.7	14	0.87	1.8	49
Mertondale 5	0.7	0.32	3.2	33	0.16	2.7	13	0.48	3.0	46
Quicksilver (Tonto South)	0.7	0.55	1.8	31	0.11	2.1	8	0.66	1.8	39
Subtotal Mertondale		4.34	2.2	311	1.25	2.1	84	5.59	2.2	395
Cardinia**										
Bruno-Lewis Exploration	0.7	1.04	1.1	37	1.52	1.3	63	2.56	1.2	100
Helen's North	0.7	0.63	1.2	24	0.13	1.1	5	0.76	1.2	29
Kyte	0.7				0.31	1.6	16	0.31	1.6	16
Rangoon	0.7	0.09	1.8	5	0.23	1.3	9	0.31	1.4	14
Lewis Grade Control	0.7	0.29	1.4	13				0.29	1.4	13
Bruno Grade Control	0.7	0.11	1.4	5	0.03	1.1	1	0.15	1.3	6
Helen's South	0.7	0.19	1.8	11	0.01	1.3	0	0.20	1.7	11
Lewis South	0.7				0.10	1.3	4	0.10	1.3	4
Black Chief***	0.7				0.12	1.6	6	0.12	1.6	6
Subtotal Cardinia		2.35	1.3	95	2.44	1.3	104	4.79	1.3	199
Raeside										
Michelangelo-Leonardo	0.7	1.28	2.7	111				1.28	2.7	111
Forgotten Four	0.7	0.07	3.0	7	0.10	2.1	7	0.17	2.5	14
Krang	0.7	0.11	2.6	9				0.11	2.6	9
Subtotal Raeside		1.47	2.7	127	0.10	2.1	7	1.57	2.6	134
Gambier Lass***	0.7				0.34	1.6	17	0.34	1.6	17
TOTAL		8.16	2.0	533	4.13	1.6	212	12.29	1.9	745

Notes to 30 June 2012 Mineral Resources:

Other

\*\*\* Mineral Resource Estimate by Navigator, 2009.

Assay top cuts for Mertondale and Raeside are variable but generally between 10-20g/t Au and are 15g/t Au at Cardinia with no top cuts at Black Chief and Gambier Lass. No allowance has been made for dilution or ore loss. All Mineral Resource Estimates (except Black Chief and Gambier Lass) are constrained b open pit shells optimised at \$25,000/cz.



<sup>\*</sup> Mineral Resource Estimate by McDonald Speijers, 2009 with Merton's Reward depleted by McDonald Speijers in 2010.

<sup>\*\*</sup> Mineral Resource Estimate by Runge Limited, 2009 with Bruno Grade Control depleted by Runge in 2010.

# **Summary: the Kin Mining Proposition**

Quality team, quality projects, clear pathway to production and growth

- Track record indicates Kin are on the path to an early cash flow
- Outstanding tenement package within the prolific Leonora region
- Strong board and management with track record of making discoveries and running successful mining operations
- Acquisition of the Leonora Gold Project provides an outstanding, low risk pathway to production:
  - Near-term production opportunity at Cardinia Lewis
  - BFS commencing late 2015
- Strong upcoming news flow as technical team scrutinize the Leonora Gold Project database
- Numerous exciting exploration opportunities within broader project portfolio
- Highly leveraged to growth through acquisition and exploration success market cap of ~\$7 million









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