



# New High Grade Discoveries Boost Kin's March Towards Gold Production

Don Harper – Managing Director  
RIU Explorers Conference - May 2017

# Disclaimer

## Disclaimer

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## Forward Looking Statements

Certain information in this document refers to the intentions of Kin Mining NL, but these are not intended to be forecasts, forward looking statements or statements about future matters for the purposes of the Corporations Act or any other applicable law. The occurrence of events in the future are subject to risks, uncertainties and other factors that may cause Kin Mining NL's actual results, performance or achievements to differ from those referred to in this announcement. Accordingly, Kin Mining NL, its directors, officers, employees and agents do not give any assurance or guarantee that the occurrence of the events referred to in this announcement will actually occur as contemplated.

## ASX Chapter 5 Compliance and Pre-feasibility Study Cautionary Statement

The information and production target presented in this announcement is based on a Pre-feasibility study ("PFS"). The PFS has been conducted to determine the potential viability, and optimum pathway to production, of an open pit mining operation and CIL processing route for the Leonora Gold Project ("the Project"). The results of the PFS have been sufficient for the Company to reach a decision to proceed to a Feasibility Study for the Project.

The Company has concluded that it has a reasonable basis for providing the forward-looking statements and forecast financial information included in this announcement. The detailed reasons for that conclusion are outlined throughout this announcement and all material assumptions, including the JORC modifying factors, upon which the forecast financial information is based are disclosed in this announcement and in Table 1 Annexure A. This announcement has been prepared in accordance with the JORC Code (2012) and the ASX Listing Rules.

The Company advises that the PFS results, production targets and forecast financial information contained in this announcement are preliminary in nature as the conclusions are based on medium-level technical and economic assessments, conducted to an overall level of accuracy of +/- 25%, and are insufficient to support the estimation of Ore Reserves or to provide an assurance of economic development. The Company cautions that there is no certainty that the forecast financial information derived from the production targets will be realised.

The production target referred to in this announcement is based on Mineral Resource estimates which are classified as Indicated (64%) and Inferred (36%). The early sequence of mine production targets for the first two years has a ratio of 82% to 18% of Indicated to Inferred Mineral Resources respectively. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised.

The stated Production Target is based on the Company's current expectations of future results or events and should not be relied upon by investors when making investment decisions. Further evaluation work and appropriate studies are required to establish further confidence that this target will be met. The Company believes it has a reasonable ground for reporting the results of the PFS based partially on Inferred resources due to the availability of historical production and successful mining studies completed to date.

If the Inferred resources within the open pit designs is excluded, the preliminary economic analysis still forecasts a positive financial performance, based upon the PFS assumptions, by processing of only the current Indicated Mineral Resources. The Company therefore is satisfied that the use of Inferred Mineral Resources in the production target and forecast financial information is not the determining factor in overall Project viability and that it is reasonable to report the PFS including the Inferred Mineral Resources.

The PFS outputs contained in this report relate to 100% of the Project. Unless otherwise stated all cashflows are in Australian dollars, are not subject to inflation/escalation factors and all years are calendar years.

The Company believes it has a reasonable basis to expect to be able to fund and complete the proposed feasibility study and then fund and develop the Project. However, there is no certainty that the Company can raise funding when required. The outcomes of the Pre-Feasibility Study at the LGP, confirmed the potential for Kin to become a low-risk, high-margin gold producer. Gold production is targeted for mid-2018.

Please refer to the announcement dated 15 December 2016 titled "PFS Confirms Leonora Gold Project as a High Margin Project". Furthermore the Company confirms in accordance with the PFS announcement lodged on 15 December 2016 that all the material assumptions underpinning the annual production targets as provided in that Report continue to apply and have not materially changed.

# Competent Person's Statements

## Exploration Results

The information contained in this report relating to exploration results and resource drilling was compiled or reviewed by Mr. Paul Maher who is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and Mr. Simon Buswell-Smith who is a Member of the Australian Institute of Geoscientists (AIG). Both are employees of the company and fairly represent this information. Mr. Maher and Mr. Buswell-Smith have sufficient experience of relevance to the styles of mineralisation and the types of deposit under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 edition of the "JORC Australian code for reporting of Exploration Results, Mineral Resources and Ore Reserves". Both consent to the inclusion in this report of the matters based on information in the form and context in which it appears.

## Mineral Resources

The information in this report that relates to mineral resources and exploration results at Cardinia is based on information reviewed and compiled by Mr. Simon Buswell-Smith who is a Member of the Australian Institute of Geoscientists (AIG). Mr. Buswell-Smith 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". Mr. Buswell-Smith has given consent to the inclusion in the report of the matters based on his information in the context in which it appears.

The information contained in this report relates to information compiled or reviewed by Paul Maher who is a member of the Australasian Institute of Mining and Metallurgy (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 information in this report that relates to mineral resources and exploration results at Mertondale and Raeside is based on information reviewed and compiled by Mr. Terry Topping who is a Member of the Australian Institute Mining and Metallurgy (AusIMM). Mr. Topping is a contracted employee to Kin Mining NL and 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". Mr. Topping has given consent to the inclusion in the report of the matters based on his information in the context in which it appears.

## Scoping Study

The information contained in this report relates to information compiled or reviewed by Mr. Paul Maher who is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and Mr. Simon Buswell-Smith who is a Member of the Australian Institute of Geoscientists (AIG), both are employees of the company and fairly represents this information. Mr. Maher and Mr. Buswell-Smith have 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". Both consent to the inclusion in this report of the matters based on information in the form and context in which it appears.

## Pre-Feasibility Study - Mineral Resources

The information in this report that relates to mineral resources and exploration results at Cardinia is based on information reviewed and compiled by Mr Simon Buswell-Smith who is a Member of the Australian Institute of Geoscientists (AIG). Mr Buswell-Smith 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". Mr Buswell-Smith has given consent to the inclusion in the report of the matters based on his information in the context in which it appears.

The information in this report that relates to mineral resources and exploration results at Mertondale and Raeside is based on information reviewed and compiled by Mr Terry Topping who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Topping is a contracted employee to Kin Mining NL and 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". Mr Topping has given consent to the inclusion in the report of the matters based on his information in the context in which it appears.

## Pre-Feasibility Study - Production Target

Information in this announcement relating to the Leonora Gold Project (LGP Pre-Feasibility Study) and Production Target is based on technical data compiled by Kin Mining NL Chief Executive Officer Mr Don Harper. Mr Harper is a Fellow of The Australasian Institute of Mining and Metallurgy (AusIMM). Mr Harper has sufficient experience which is relevant to the style of mineralisation and type of deposits under consideration and to the activity which they are undertaking to qualify as a Competent Persons under the 2012 Edition of the Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Harper consents to the inclusion of the technical data in the form and context in which it appears.

# A Blockbuster Half–Year for KIN...and another on the way!



- Achievements for the Company to date in 2017:
  - Recently Raised \$10.2M – Fully funded to Decision to Mine<sup>1</sup>
  - Secured Option over Processing Facility (Gold Fields Lawlers Plant)<sup>2</sup>
  - Outstanding Drilling Results including New Discoveries
    - **Lewis Deposit**<sup>3</sup>
    - **Helens<sup>4</sup> and Fiona<sup>5</sup> Deposits**
- Ahead in 2017:
  - Follow-Up Drilling at New Discoveries
  - Resources Update
  - Finalise Acquisition of Processing Facility
  - Completion of LGP Definitive Feasibility Study (3<sup>rd</sup> Quarter 2017)
  - Release of Maiden Ore Reserve
  - Decision to Mine and Commencement of Plant Construction

<sup>1</sup> See ASX Announcement 3/5/2017 *Kin Fully Funded to Decision to Mine After Raising \$10m*

<sup>2</sup> See ASX Announcement 26/4/2017 *Kin Secured Processing Facility for \$2.5M*

<sup>3</sup> See ASX Announcement 19/4/2017 *Kin Makes Spectacular Primary Gold Discovery at Lewis*

<sup>4</sup> See ASX Announcement 3/4/2017 *Confidence Builds in LGP Resource Base*

<sup>5</sup> See ASX Announcement 23/3/2017 *Kin Makes New Shallow High Grade Gold Discovery*



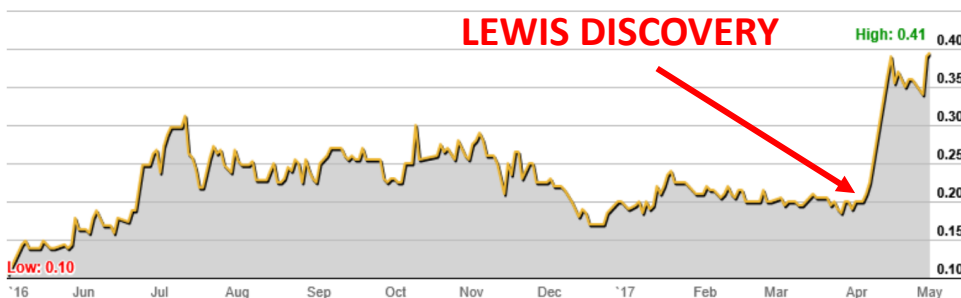
# Corporate Overview



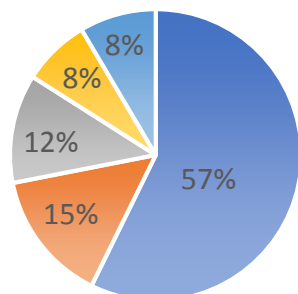
## Capital Structure

Market Capitalisation @ \$0.39	\$62M
Ordinary Shares on issue	159,306,184
Options @ \$0.20/share (31 August 2017)	12,920,000
Options @ \$0.40/share (31 March 2019)	12,235,750
Options @ \$0.27/share (10 April 2020)	5,000,000
Cash in Bank *	\$9.2M

\* As of 9 May 2017



## DIRECTORS ~15%



## Shareholders

- Retail Investors
- Directors
- High Net Worths
- Mining Partners
- Institutional

**TIGHT CAPITAL STRUCTURE AND CASHED UP TO IMPLEMENT GROWTH STRATEGY**

## BOARD OF DIRECTORS



**Trevor Dixon**

Non-Executive Chairman  
(Businessman +35 years experience)



**David Sproule**

Non-Executive Director  
(Metallurgical Engineer +30 years experience)



**Don Harper**

Non-Executive and Company Secretary  
(CA Accountant +28 years experience)

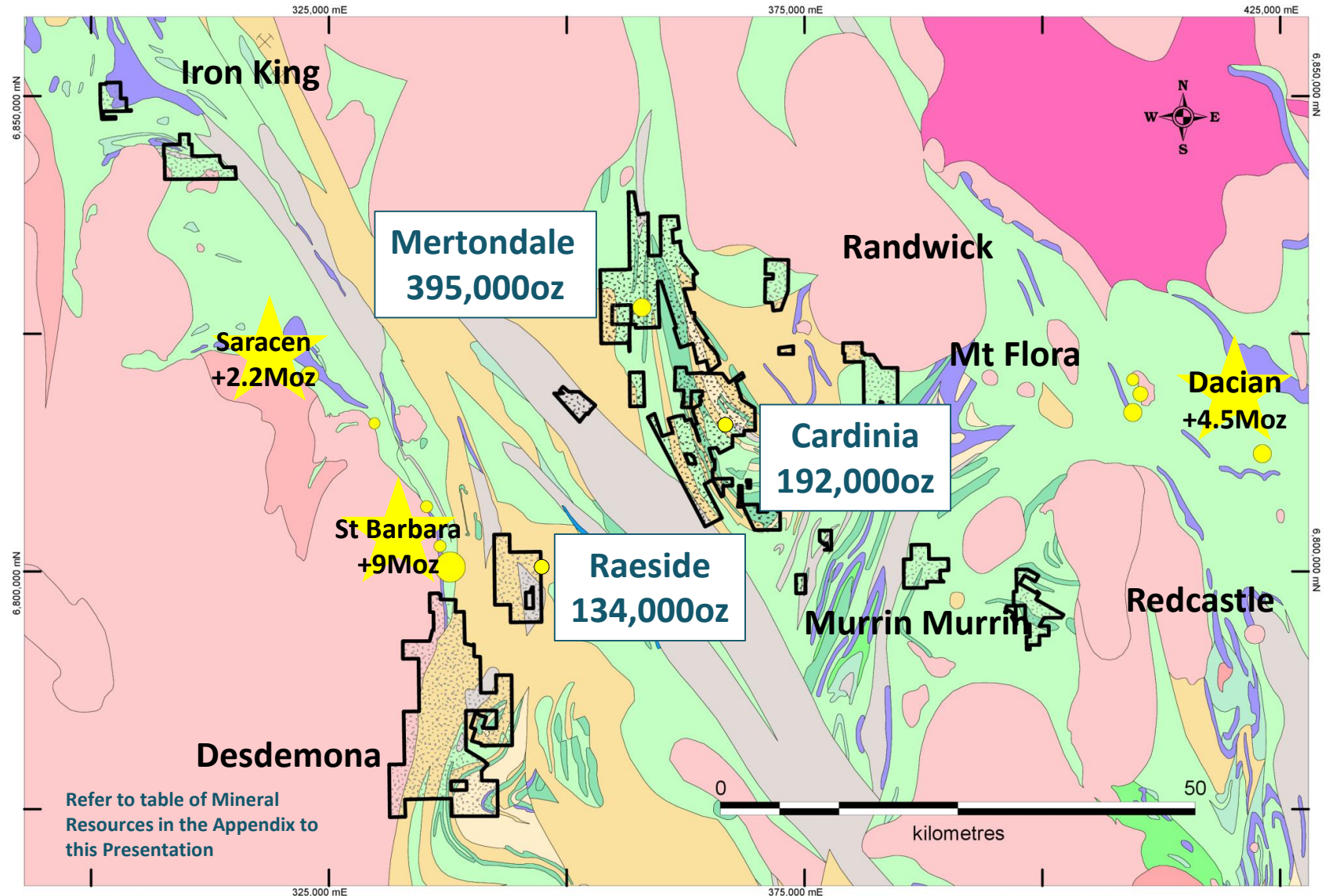


**Joe Graziano**

# Leonora Gold Project – 721,000oz (Right Place, Right Time)

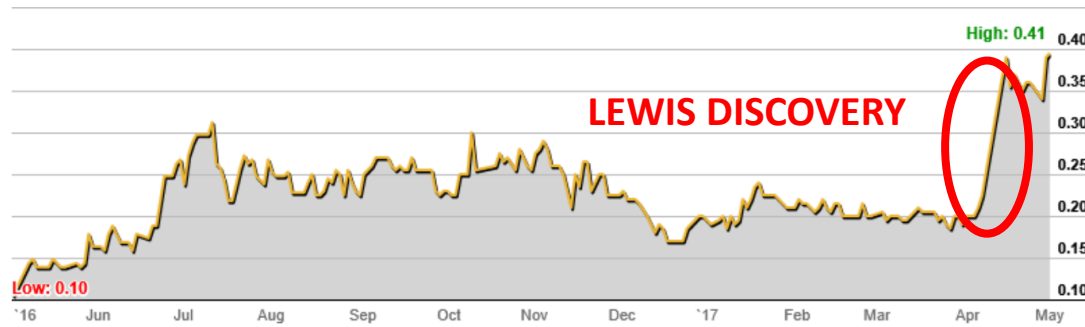


WESTERN AUSTRALIA

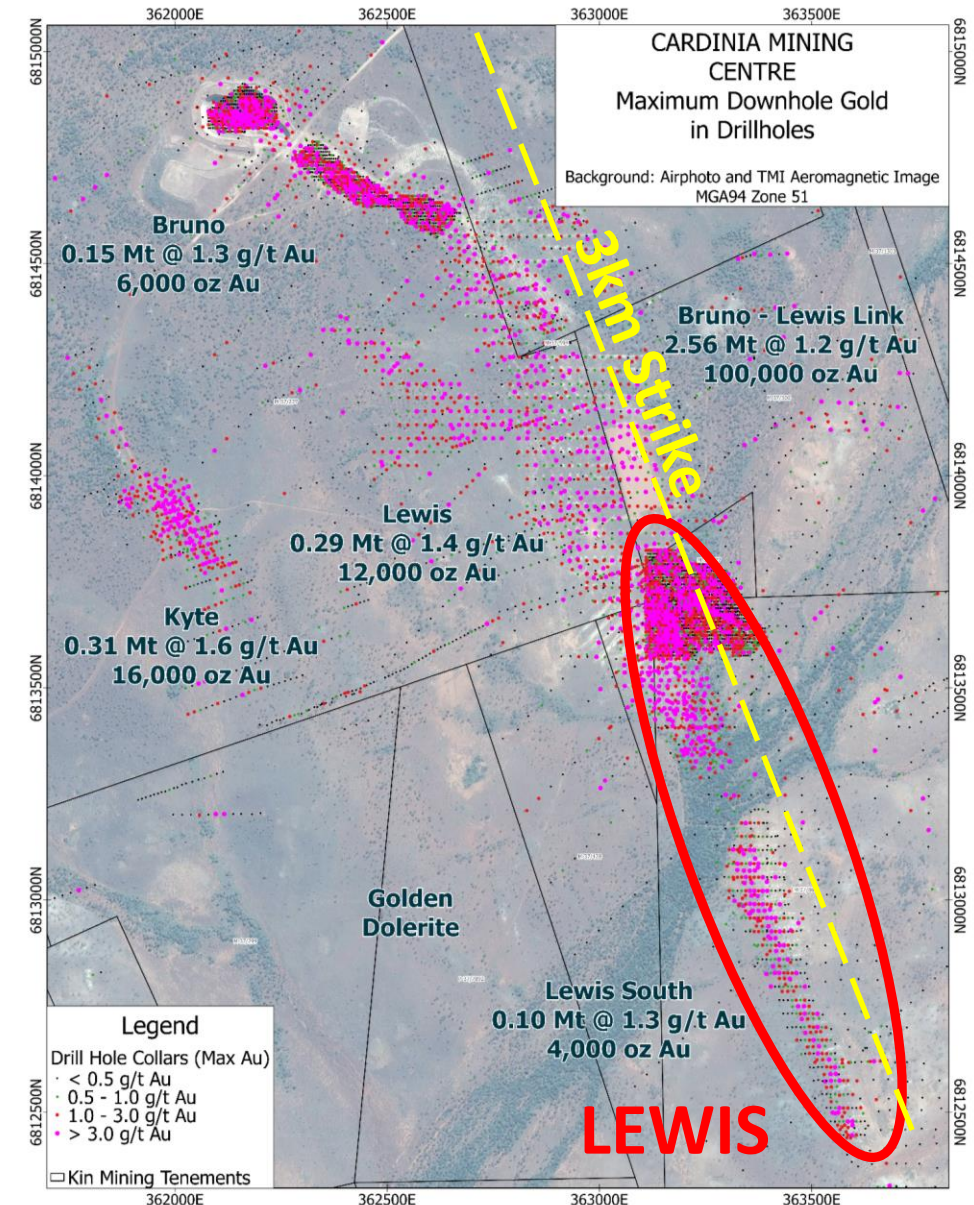


MULTIPLE +2Moz DEPOSITS IN THE DISTRICT : A BLUE RIBBON AREA

# LEWIS Discovery – POTENTIAL GAME CHANGER at Cardinia



- Recent Significant Gold Discovery at Lewis
- High-grade primary mineralisation discovered beneath extensive 3 km long supergene blanket
- Bedrock mineralisation currently defined over approx. 500m strike length
- Mineralisation open along strike and at depth
- Follow-up drilling planned in **May 2017**

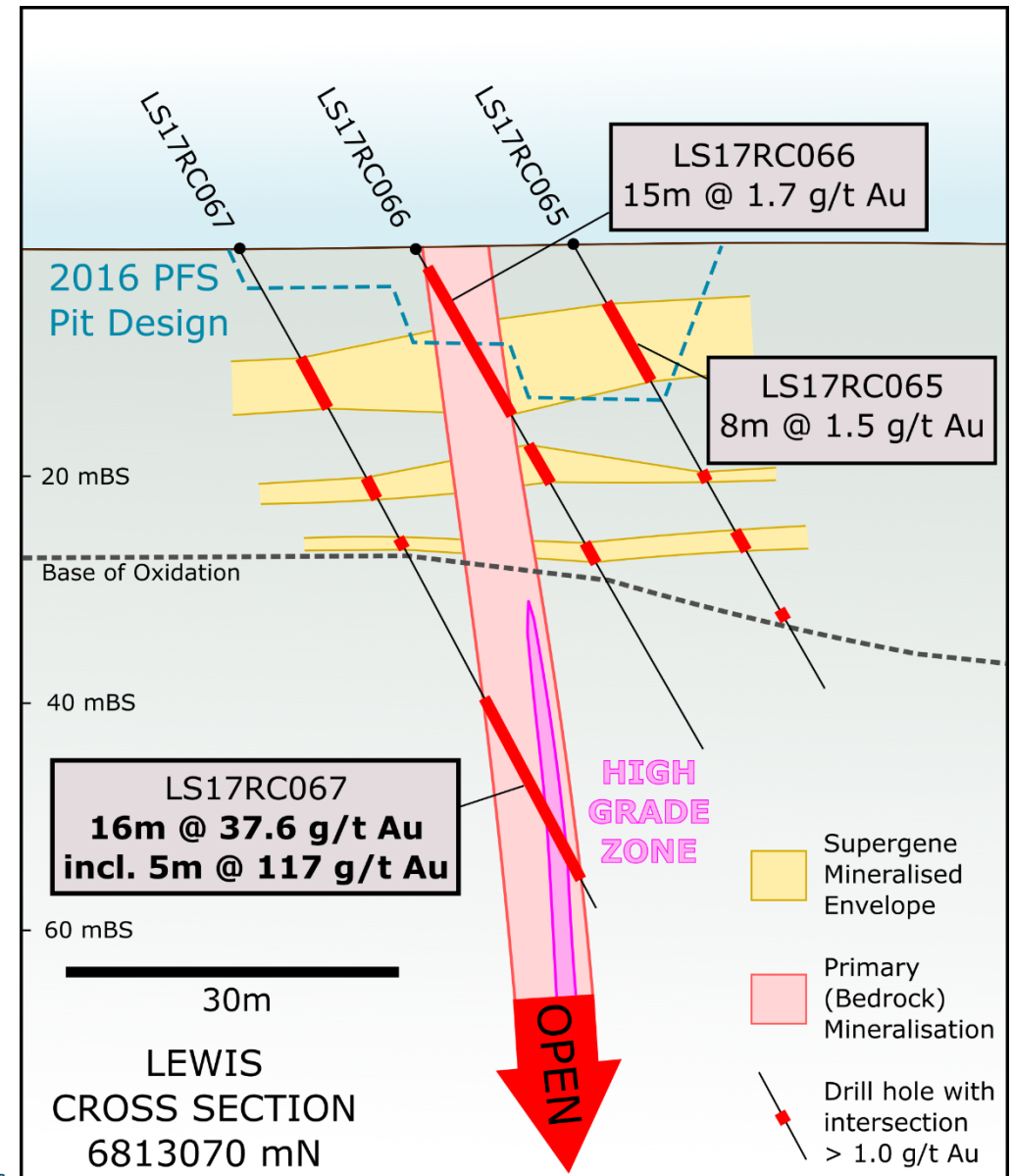


# Lewis South High Grade Primary Gold Intercepts

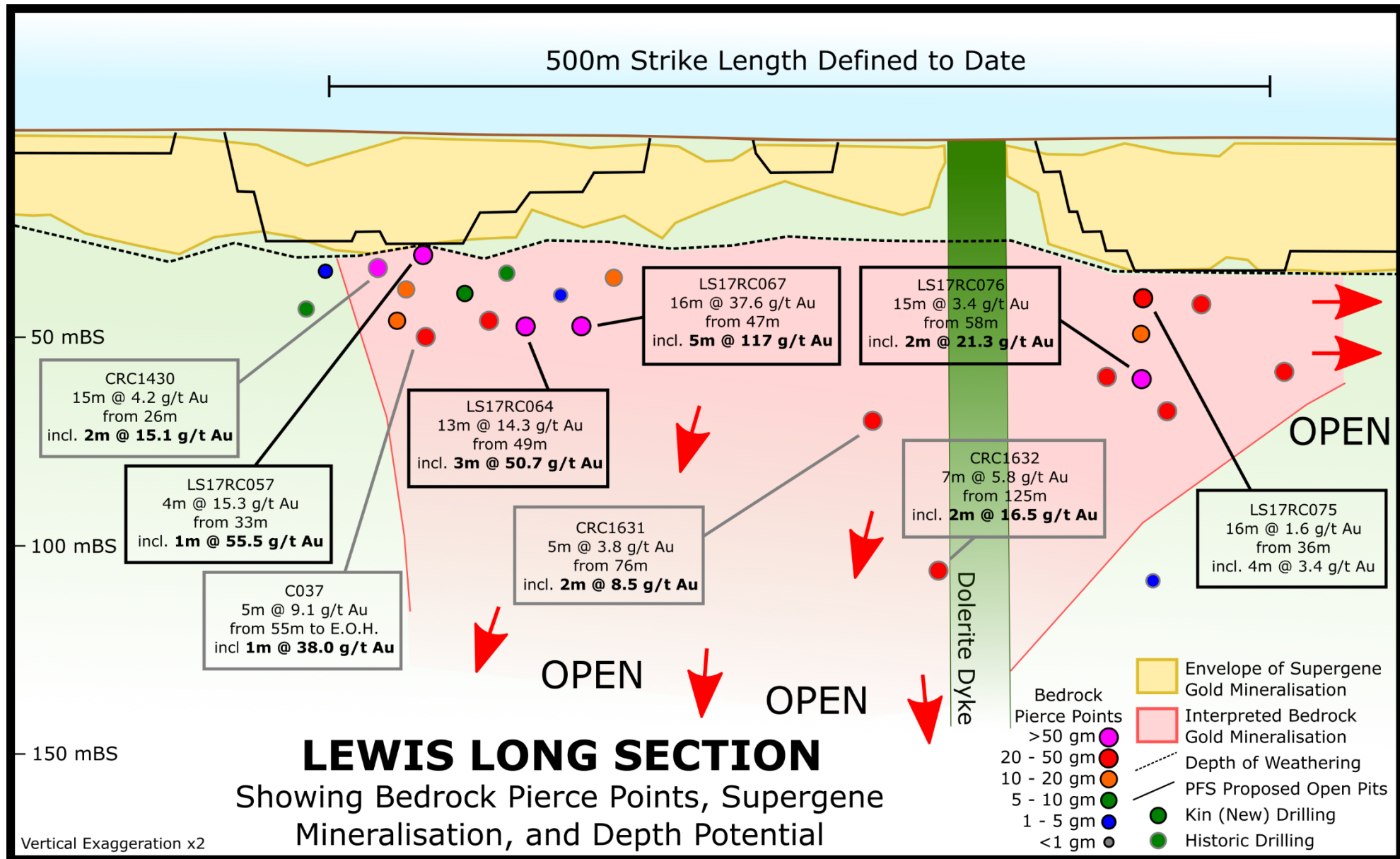


Best Intersections Include:

- 16m @ 37.6 g/t Au from 47m, including **5m @ 117 g/t Au** (LS17RC067)
- 13m @ 14.3 g/t Au from 49m, including **3m @ 50.7 g/t Au** (LS17RC064)
- 17m @ 6.0 g/t Au from 20m, including **2m @ 44.7 g/t Au** (LS17RC074)
- 15m @ 3.4 g/t Au from 58m, including **2m @ 21.3 g/t Au** (LS17RC076)
- 4m @ 15.3 g/t Au from 33m, including **1m @ 55.5 g/t Au** (LS17RC057)



# Lewis Long Section – Open Shallow High Grade Primary Mineralisation



## Excellent Results at Helens and Fiona – Additional Primary Zone Targets



- Outstanding results from Resource Drilling at **Helens**<sup>1</sup>
  - Thick zones of near surface mineralisation
  - High grades, with results **up to 100 g/t Au**
  - Additional drilling planned to extend the deposit
- New discovery at the **Fiona Prospect**<sup>2</sup>
  - Located just north of Helens on granted Mining Lease
  - Excellent grades including a best result of **8m @ 51.4 g/t Au from 10m**
  - Additional drilling required to follow up



Drilling Operations at Helens

<sup>1</sup> See ASX Announcement 3/4/2017 *Confidence Builds in LGP Resource Base*

<sup>2</sup> See ASX Announcement 23/3/2017 *Kin Makes New Shallow High Grade Gold Discovery*

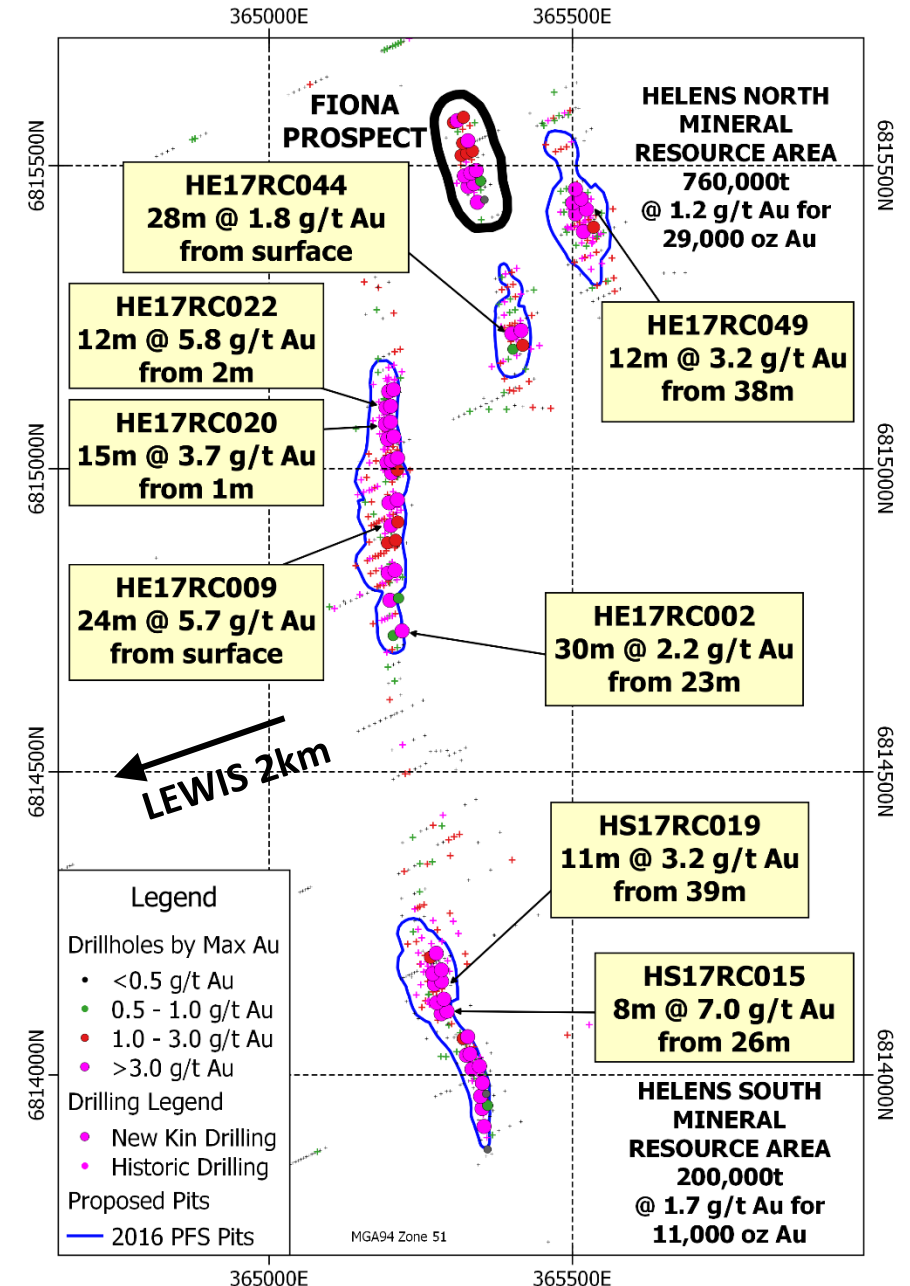
# Outstanding Shallow High Grade Results from Helens Resource Drilling



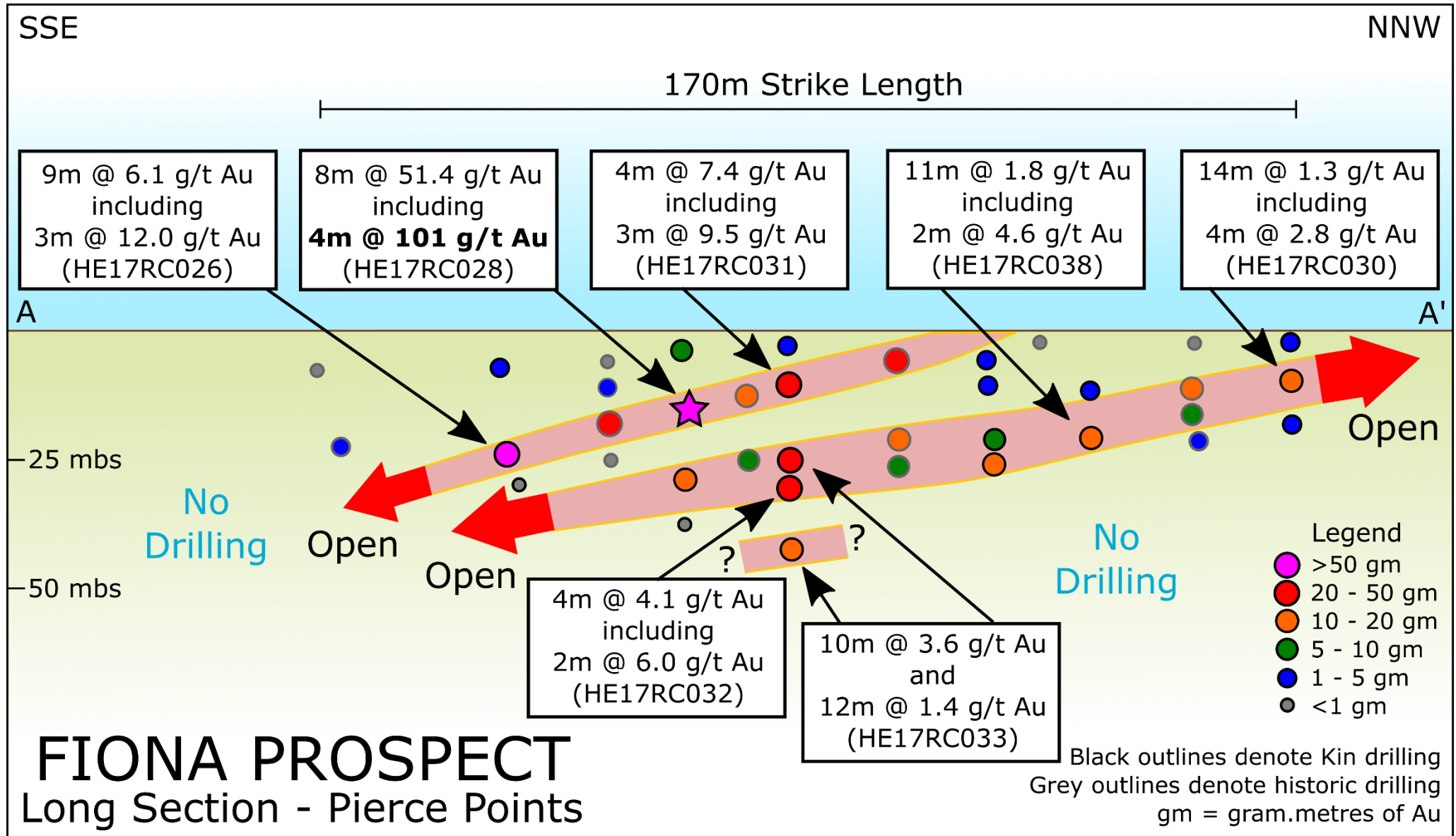
Intersections include (but not limited to):

- 24m @ 5.7 g/t Au from surface (HE17RC009), including 1m @ 100 g/t Au
- 15m @ 3.7 g/t Au from 1m (HE17RC020), including 9m @ 5.4 g/t Au
- 8m @ 7.0 g/t Au from 26m (HS17RC015), including 2m @ 20.3 g/t Au
- 12m @ 5.8 g/t Au from 2m (HE17RC022), including 5m @ 10.7 g/t Au
- 12m @ 3.2 g/t Au from 38m (HE17RC049), including 5m @ 6.1 g/t Au

For reference see ASX Announcement 3/4/2017 *Confidence Builds in LGP Resource Base*



# FIONA – New Shallow and High-Grade Primary Discovery in the Helens Area



# Mertondale Shear Zone – 395,000oz contained Gold and Counting

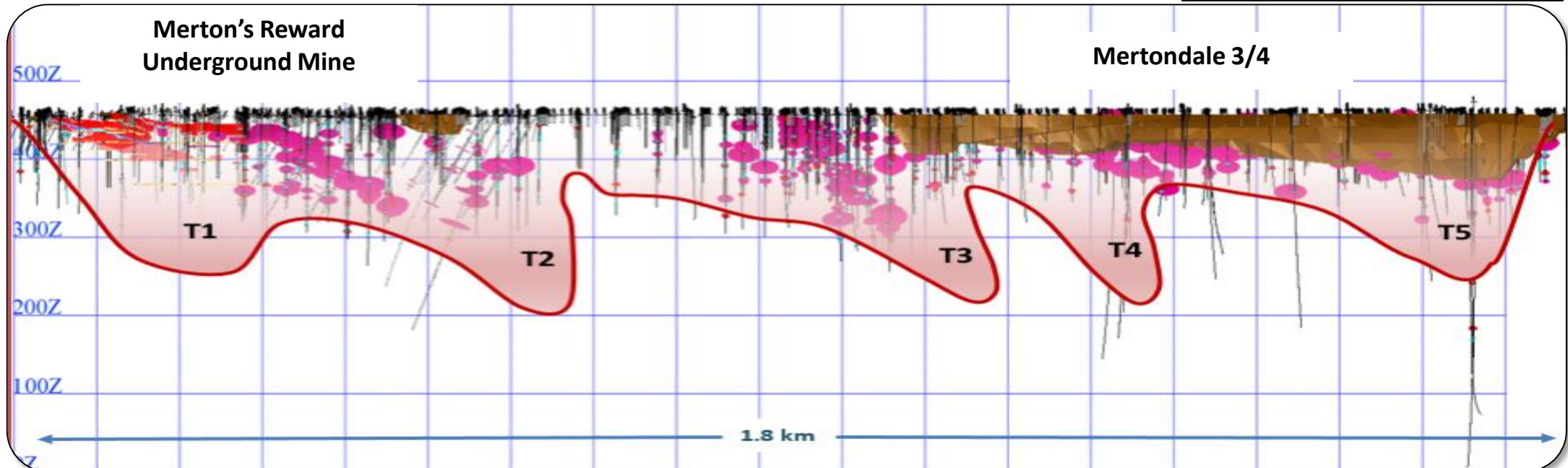
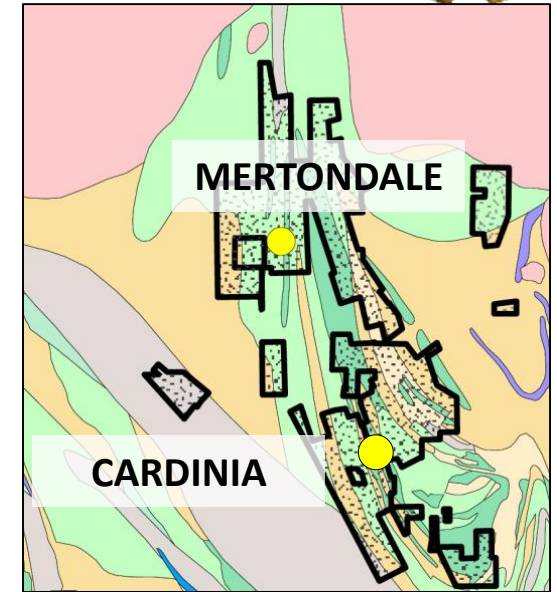


- Over 10,000m of Resource drilling completed in past 12 months
- Results exceeded expectations
- Drilling focused on open pit resources – for now...

**DEPTH POTENTIAL LARGELY UNTESTED!**

Best intersections:

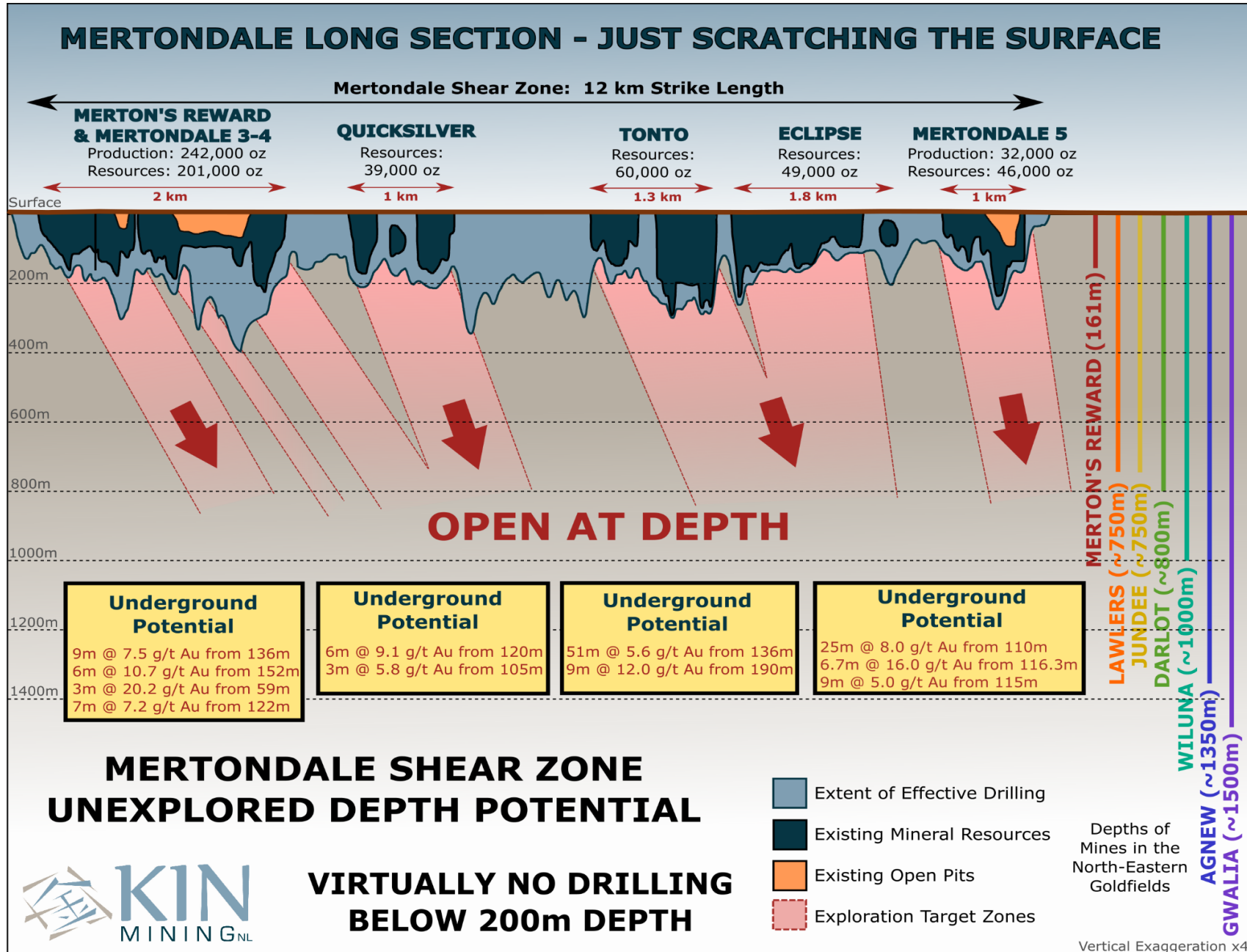
- 37m @ 3.0 g/t Au incl 6m @ 10.7 g/t Au (MT16RC034)<sup>1</sup>
- 5m @ 8.0g/t Au incl 1m @ 24.7g/t Au (MR15RC002)<sup>2</sup>
- 18m @ 3.0 g/t Au incl 3m @ 10.9 g/t Au (MT16RC033)<sup>1</sup>



<sup>1</sup> See ASX Announcement 17/1/2017 Impressive Intercept of 37m @ 3.0 g/t Au at Mertondale 3-4

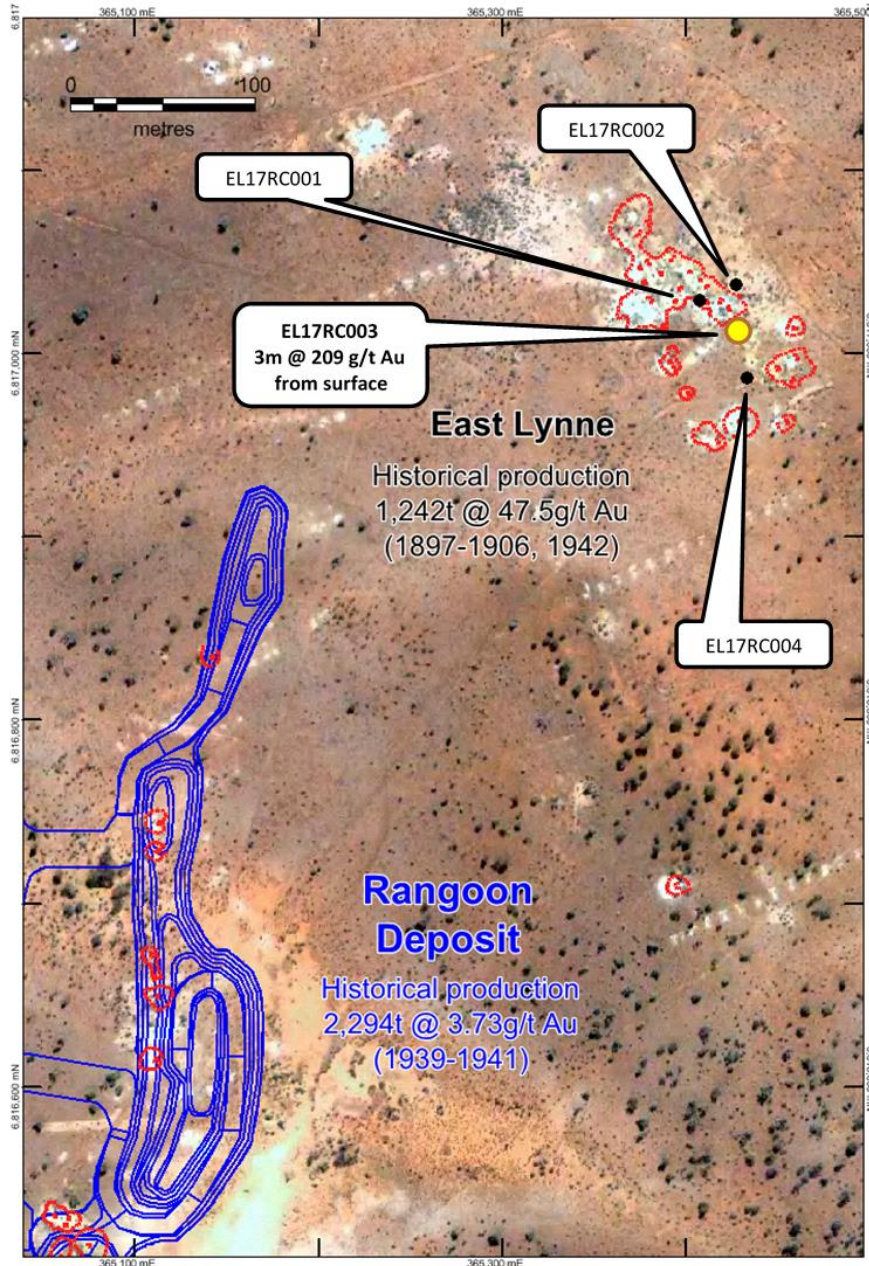
<sup>2</sup> See ASX Announcement 15/12/2015 High Grade Gold Intersection at Merton's Reward

# Mertondale Shear Zone – Underground Potential



Refer to table of Mineral Resources in the Appendix to this Presentation

# Cardinia Exploration - Bonanza Grades from East Lynne



- Excellent gold result of **3m @ 209 g/t Au from surface**,
  - including 1m @ 551 g/t Au (ELRC003)
- Extensive historic workings (1,896 oz Au @ 47.5 g/t Au)
- Potential High-Grade Gold System within granted Mining Lease
- Follow-Up Drilling scheduled for 3<sup>rd</sup> Quarter 2017



# The CASH Converter - 800,000 tpa Lawlers CIL Gold Plant



- Secured Exclusive Option to Purchase for \$2.5M
  - \$100,000 already paid in November 2016
  - Following acquisition, 50% of the outstanding \$2.4M payment to be deferred by 12 months
- Lawlers Mill located only 160km by road north of proposed location at Cardinia
- Comes complete with critical spares, laboratory and surface infrastructure
- Lawlers option offers a lower capex and quicker build than a new plant
- DFS reviewing upgrade to 1.2Mtpa



**LOWER CAPITAL COST, EARLIER GOLD PRODUCTION**

# Definitive Feasibility Progressing Well – Targeting +50,000oz/pa <sup>1</sup>



- DFS Extended to include new high grade primary gold discoveries at Lewis and Helens (Fiona)
- Resource Drilling: over 30,000m completed
  - Initial program mostly complete
  - Results in line with or exceeding expectations
  - Additional drilling planned for Lewis, Helens and Fiona
- Resource Estimation well underway
- Metallurgical test work in progress
  - Results to date in line with expectations
- Permitting and Approvals progressing well
  - Environmental assessments nearing completion
  - Staged approval strategy to expedite project construction



<sup>1</sup> See ASX Announcement 15<sup>th</sup> December 2016 “Pre-Feasibility Study demonstrates potential for Kin to become a high margin producer at the Leonora Gold Project”

# Forecast Timeline to Gold Production



	STATUS	CY 2016				CY 2017				CY 2018			
LGP Scoping Study	Done		✓										
Lewis Trial Mine	Done			✓									
LGP Pre-Feasibility Study	Done				✓								
Lawler's Plant Study	Done					✓							
Resource Infill Drilling	In Progress					✓							
LGP Feasibility Study	In Progress					✓							
Lewis Discovery Follow-Up Drilling	To Commence												
Project Funding	In Progress												
Lawler's Plant Relocation and Construction													
<b>GOLD PRODUCTION</b>													

# Investment Case



- Operating in a prolific gold district in Western Australia
- New shallow high grade primary mineralisation discoveries
- Secured Processing Plant and Key Infrastructure for \$2.5M
- No requirement for further funding until Project Finance Stage following recent successful \$10.2M capital raising
- Major institutional investor support coming onto share register
- Experienced management and staff to drive the project forward to gold production mid-2018
- Kin has the Key ingredients - PEOPLE, PROJECT and FUNDING to take Kin all the Way!



Thank You  
Don Harper

# APPENDIX A - Leonora Gold Project (LGP) – 721,000oz Au JORC 2012 Resource



Leonora Gold Project Mineral Resources										
Project Area	Lower cut-off Grade	Indicated Resources			Inferred Resources			Total Resources		
	g/t Au	Mt	g/t Au	koz Au	Mt	g/t Au	koz Au	Mt	g/t Au	koz Au
<b>Mertondale*</b>										
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
<b>Cardinia**</b>										
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	12				0.29	1.4	12
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
Subtotal Cardinia		2.35	1.3	94	2.33	1.3	98	4.68	1.3	192
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
<b>TOTAL</b>		8.16	2.0	532	3.7	1.6	189	11.8	1.9	721

See ASX Announcement 11<sup>th</sup> May 2015 “*Leonora Gold Project Resource Update*” The Company confirms that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

Totals may not tally due to rounding of values.

- Resource estimate by McDonald Speijers, 2009 with Merton's Reward depleted by McDonald Speijers in 2010.

\*\* Resource estimate by Runge Limited, 2009 with Bruno Grade Control depleted by Runge in 2010.

\*\*\* Resource Estimate at Lewis depleted by 999oz from Lewis Pit Trial Mining completed in June 2016 (ASX announcement 5 October 2016). Production targets include depletion.

Notes: Assay top cuts for Mertondale and Raeside are variable but generally between 10-20 g/t Au and are 15g/t Au at Cardinia. No allowance has been made for dilution or ore loss. All resources are constrained by open pit shells optimised at A\$2,000/oz.