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# DELIVERING NEW DISCOVERIES & RESOURCE GROWTH IN THE LEONORA GOLD DISTRICT

DIGGERS AND DEALERS  
AUGUST 2022



# DISCLAIMER

This presentation is not a prospectus nor an offer for securities in any jurisdiction nor a securities recommendation. The information in this presentation is an overview and does not contain all information necessary for investment decisions. In making investment decisions in connection with any acquisition of securities, investors should rely on their own examination of Kin Mining NL and consult their own legal, business and/or financial advisers.

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## Forward-Looking Statements

This release contains “forward-looking information” that is based on the Company’s expectations, estimates and projections as of the date on which the statements were made. This forward-looking information includes, among other things, statements with respect to the feasibility and definitive feasibility studies, the Company’s’ business strategy, plan, development, objectives, performance, outlook, growth, cash flow, projections, targets and expectations, mineral reserves and resources, results of exploration and operational expenses. Generally, this forward-looking information can be identified by the use of forward-looking terminology such as ‘outlook’, ‘anticipate’, ‘project’, ‘target’, ‘likely’, ‘believe’, ‘estimate’, ‘expect’, ‘intend’, ‘may’, ‘would’, ‘could’, ‘should’, ‘scheduled’, ‘will’, ‘plan’, ‘forecast’, ‘evolve’ and similar expressions. Forward-looking information is subject to known and unknown risks, uncertainties and other factors that may cause the Company’s actual results, level of activity, performance or achievements to be materially different from those expressed or implied by such forward-looking information. Forward-looking information is developed based on assumptions about such risks, uncertainties and other factors set out herein, including but not limited to the risk factors set out in the Company’s Prospectus dated October 2014.

This list is not exhausted of the factors that may affect our forward-looking information. These and other factors should be considered carefully and readers should not place undue reliance on such forward-looking information. The Company disclaims any intent or obligations to revise any forward-looking statements whether as a result of new information, estimates, or options, future events or results or otherwise, unless required to do so by law. Statements regarding plans with respect to the Company’s mineral properties may contain forward-looking statements in relation to future matters that can be only made where the Company has a reasonable basis for making those statements. This announcement has been prepared in compliance with the JORC Code 2012 Edition and the current ASX Listing Rules. The Company believes that it has a reasonable basis for making the forward-looking statements in this announcement, including with respect to any mining of mineralised material, modifying factors and production targets and financial forecasts.

## Competent Person’s Statement

The information contained in this report relating to Resource Estimation results for the Bruno Lewis and Cardinia Hill deposits relates to information compiled by Cube consulting (Mr Mike Millad). Mr Millad is a member of the Australian Institute of Geoscientists and a full time employee of Cube Consulting. Mr Millad 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 “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”.

The information contained in this report relating to Resource Estimation results for the remainder of the deposits including Kyte, Helens, Fiona, Rangoon, Hobby, Mertons Reward, Mertondale 3-4, Tonto, Mertondale 5, Eclipse, Quicksilver, Michelangelo, Leonardo, Forgotten Four and Krang relates to information compiled by Mr Jamie Logan. Mr Logan is a member of the Australian Institute of Geoscientists and was until recently a full time employee of the company. Mr Logan 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 “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”.

The information contained in this report relating to exploration results relates to information compiled or reviewed by Glenn Grayson. Mr Grayson is a member of the Australasian Institute of Mining and Metallurgy and is a full time employee of the company. Mr Grayson 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 “Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves”.

Mr Millad, Mr Logan and Mr Grayson consents to the inclusion in this report of the matters based on information in the form and context in which it appears.

# INTRODUCTION | INVESTMENT SNAPSHOT

ASX-listed gold explorer with strong strategic shareholder base including Delphi with 30% and ASX-200 gold producer St Barbara 18%

1.28Moz Mineral Resource base at the 100%-owned Cardinia Gold Project near Leonora

Regularly delivering new discoveries – Helens East, Pegasus and Rangoon all defined in new areas in recent months

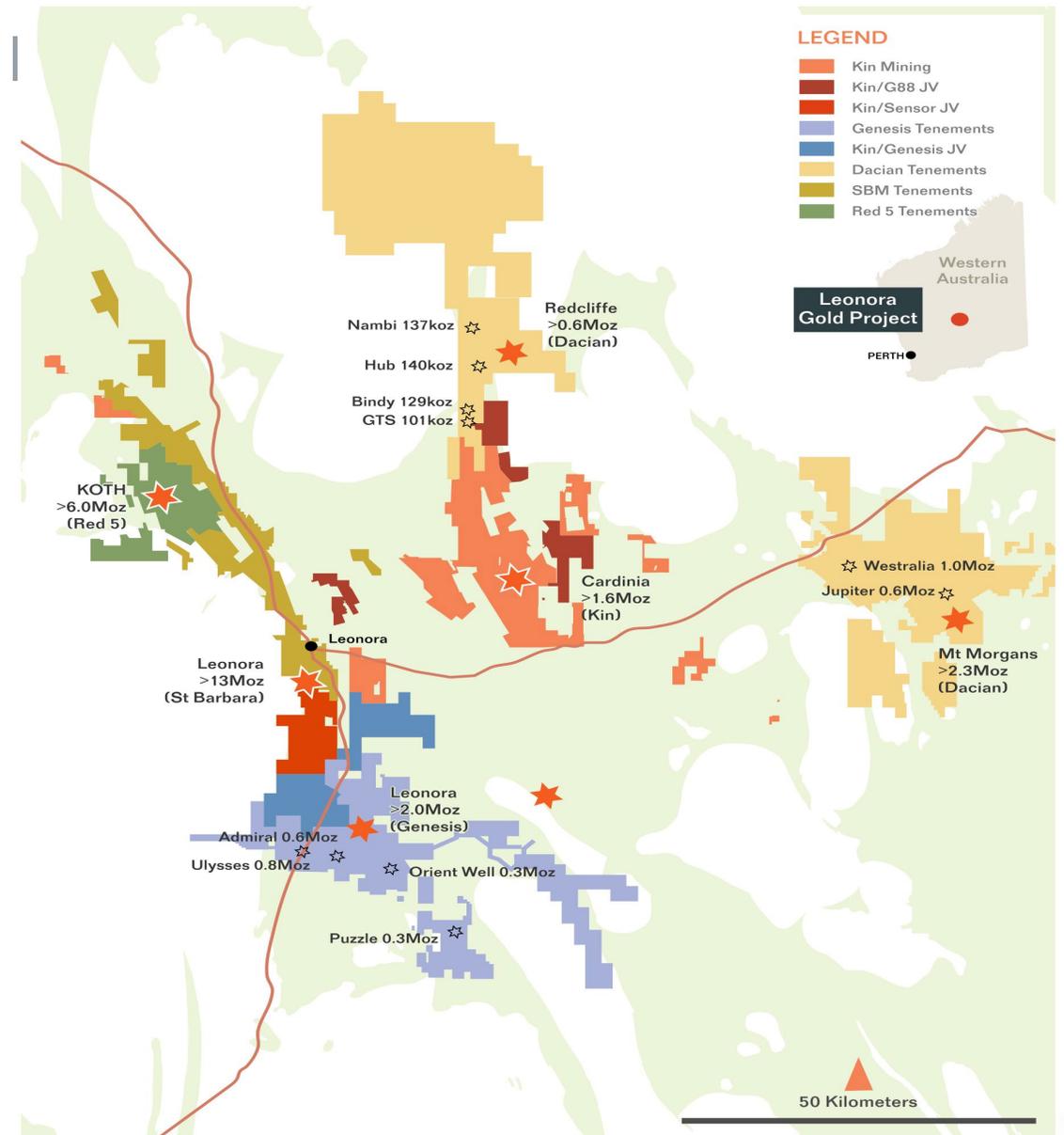
Aggressive ongoing exploration commitment – Phase 6 Program planned targeting Resource growth to ~1.5Moz

Development optionality – three mills within 80km radius OR standalone operation (major mill components already owned)

Well-funded, with \$6.1M in cash at 31 March 2022

# CARDINIA | STRATEGIC FOOTPRINT

- 777km<sup>2</sup> land package just 30km from Leonora
- Tier-1 gold mining district (multi-million-ounce deposits)
- 1.28Moz JORC Resource hosted in oxide-dominant ore zones centred at Cardinia
- Development optionality – multiple mills within 80km radius OR standalone operation (major mill components already owned)
- Exploration-driven approach targeting new, larger, higher grade gold deposits
- Phase 6 drilling program planned following full analysis of Phase 5 results
- Strong news-flow and further Resource growth anticipated



# CORPORATE | ROBUST CAPITAL STRUCTURE

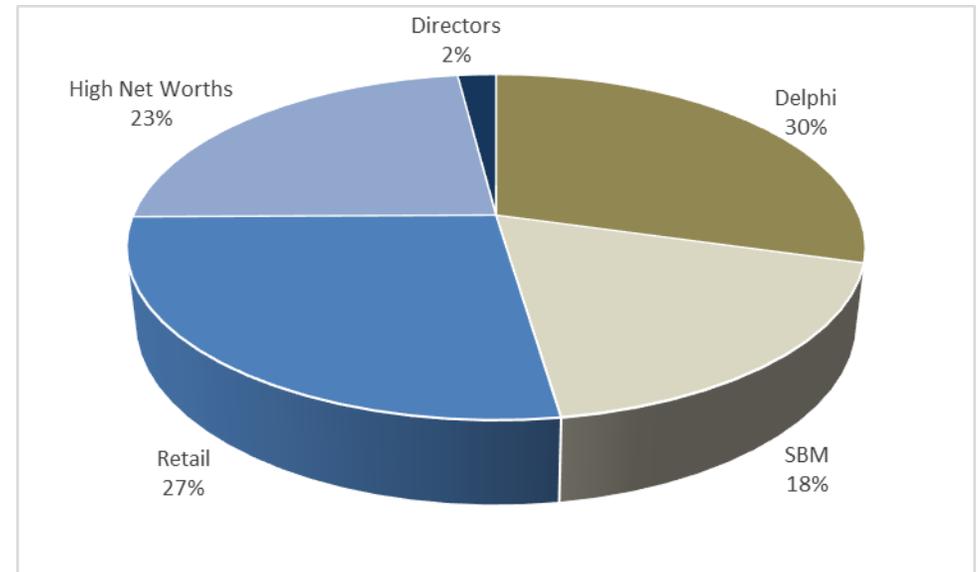
## ASX: KIN

Share price (28 July 2022)	A\$0.084
Ordinary shares on issue	866.0M
Options (exercise \$0.24 - \$1.25)	6.0M
Market capitalisation (undiluted)	\$72.7M
Cash (31 Mar 2022)	\$6.1M
Debt	Nil
Liquidity (avg. daily traded shares)	0.5M

## Board of Directors

Andrew Munckton	Managing Director
Joe Graziano	Chairman
Brian Dawes	Non-Executive Director
Nicholas Anderson	Non-Executive Director
Hansjoerg Plaggemars	Non-Executive Director
Rowan Johnston	Non-Executive Director

## Shareholders



## 12-month share price performance



# TEAM | EXPERIENCED, CAPABLE AND FOCUSED

**Andrew Munckton**  
Managing Director & CEO



- Geologist with 35+ years experience, technical and operations, UG and open pit
- Previous Managing Director of Syndicated Metals, Avalon Minerals, General Manager Gindalbie Metals
- Previously General Manager of Operations Paddington, Kanowna Belle and Kundana Gold Mines

**Stephen Jones**  
CFO & Company Secretary



- Chartered Accountant with 25+ years experience, incl. 20+ years in WA mining
- Demonstrated history in Mineral Exploration, Investor Relations, Analytics, Feasibility Studies, Environmental Approvals
- Previous senior roles at Portman Mining, Aviva, Southern Cross Goldfields and Middle Island Resources

**Glenn Grayson**  
Exploration Manager



- Geologist with 23+ years experience
- Extensive experience with resource development and extension at Kundana, Kanowna Belle, Fosterville
- Previous senior positions with Northern Star Resources, Barrick and Northgate Minerals

**Chad Maloney**  
Mining Manager



- Engineer with 25+ years industry experience
- Extensive experience with both owner operator and contract mining in open pit and underground from startup to steady state operations
- Previous senior positions with Xstrata Nickel, Doray, Westgold and Pantoro

## Key consultants

### Cube Consulting

- Respected industry consultants
- Specialists in Mineral Resource estimates, optimization, mine design and scheduling

### Como Engineers

- Established industry consultants, long history
- Process engineering, metallurgy and construction services

### Jon Standing

- Expert stratigraphic structural and economic geologist
- Comprehensive mapping of the company tenure

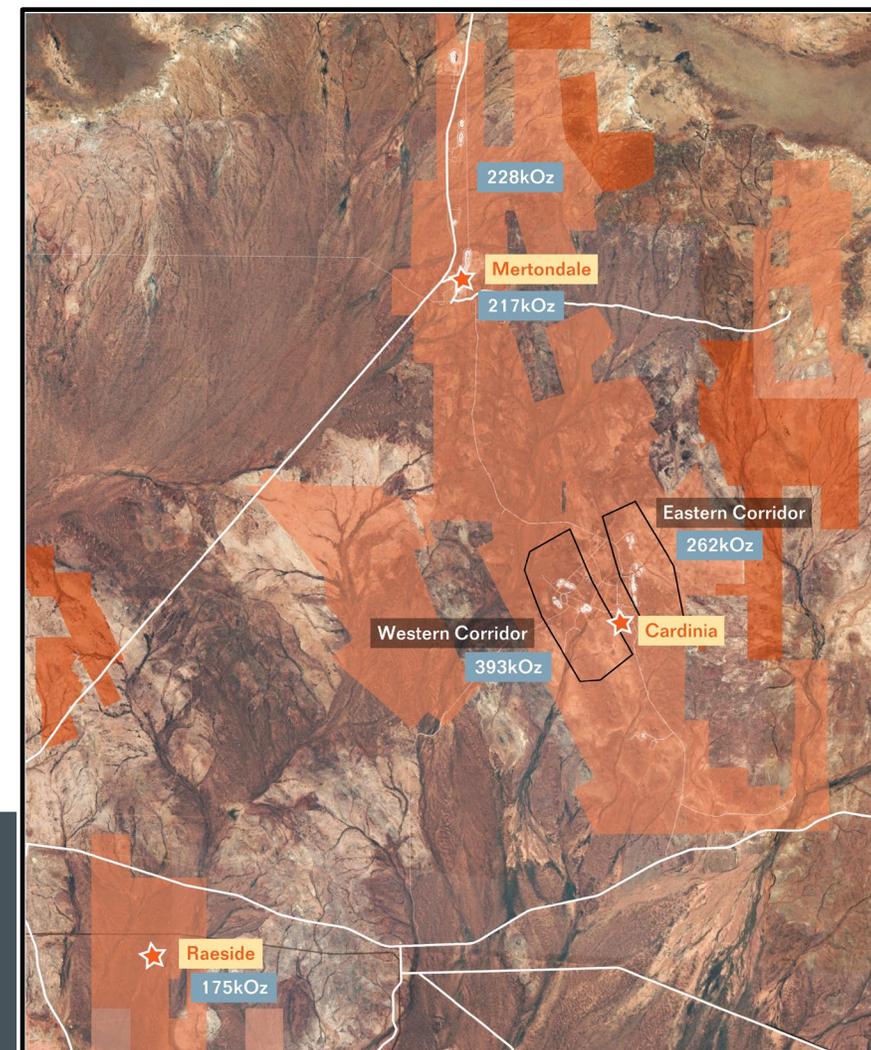
### Southern Geoscience

- Assists with geophysical interp, advice and strategy around acquiring the appropriate field data

# OPPORTUNITY | MINERIE GREENSTONE BELT

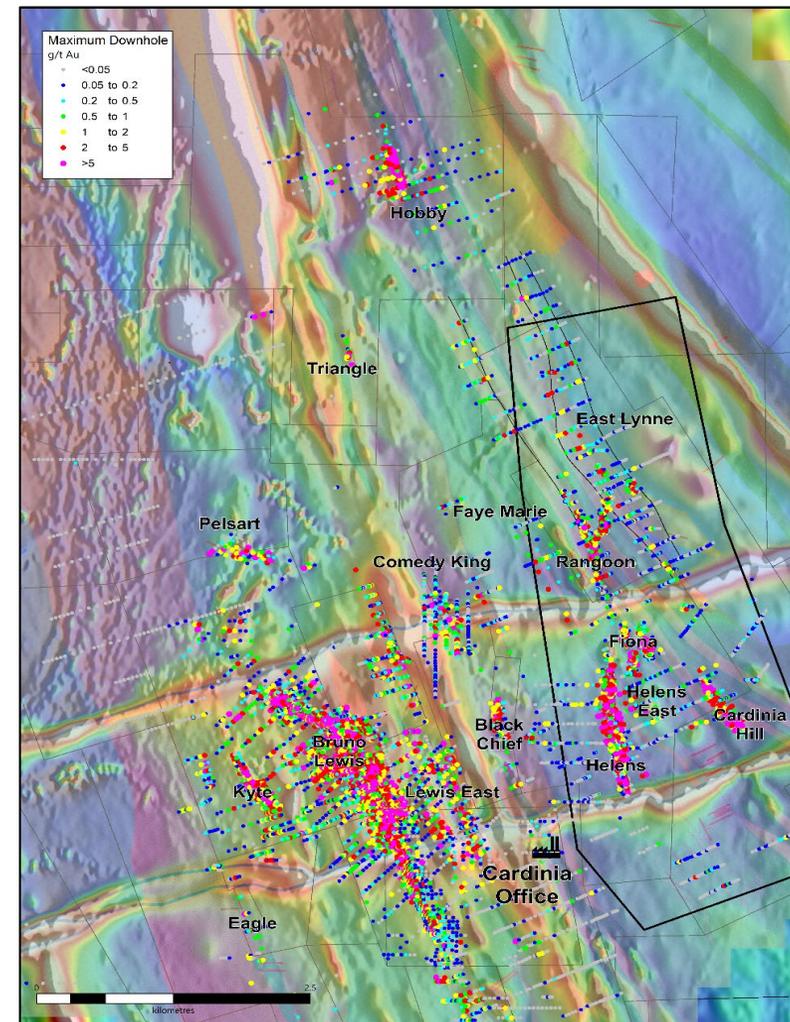
- Dominant land-holding in an under-explored greenstone belt
- Limited deeper drilling, with the bulk of historical exploration focused around known deposits driven by survival imperative
- New project-wide, data-driven, bottom-up approach has been adopted to target potential new zones of gold mineralisation
- Large alteration systems related to gold mineralisation identified throughout the area
- Detailed understanding of the mineralising system is developing rapidly as we build up the science and systematically test our models

Potential for large mineralised system identified within extensive, under-explored greenstone belt. Exploration still at an early stage and is consistently delivering new discoveries.



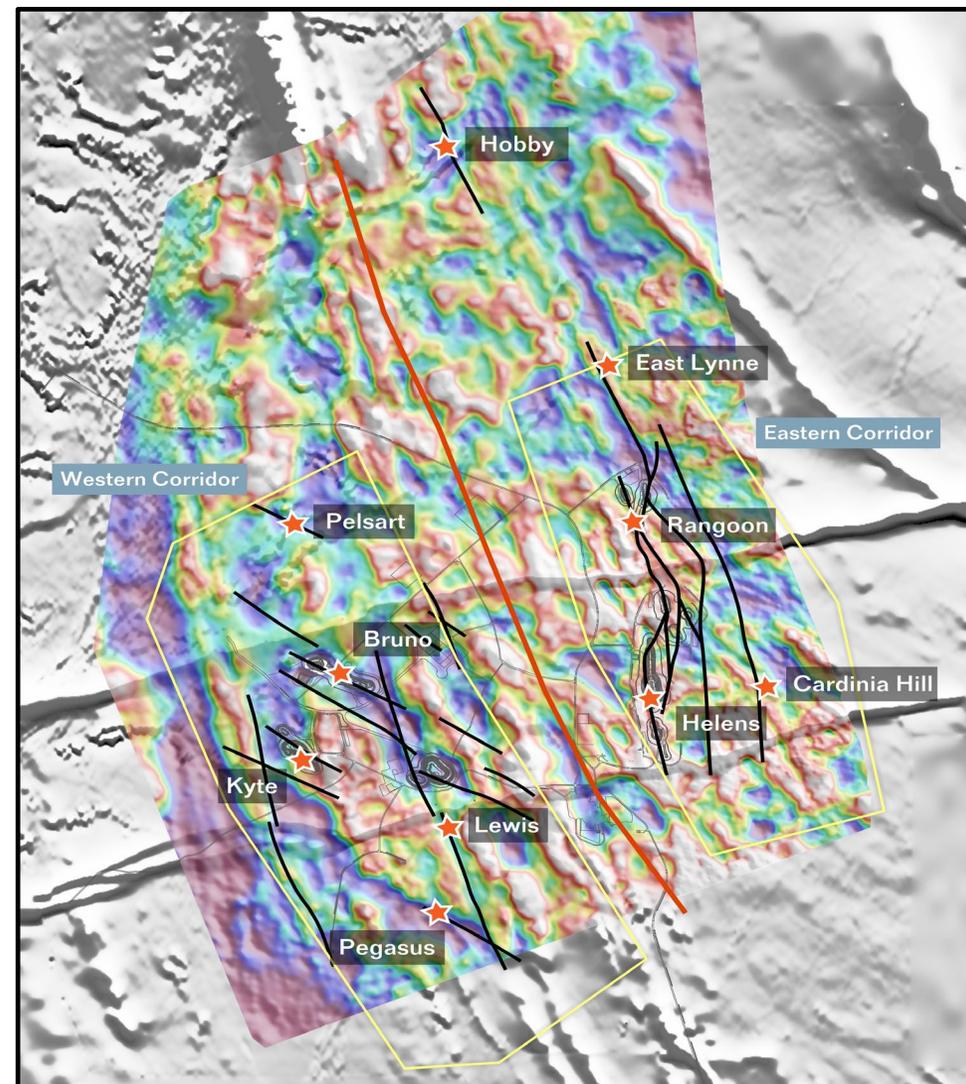
# CARDINIA AREA | RESOURCE EXPANSION OPPORTUNITIES

- Current Mineral Resource of 17.4Mt at 1.17g/t Au for 655koz across eight deposits
- Drilling at Eastern Corridor - expanding high grade resources at Cardinia Hill, Rangoon, Helens East and East Lynne to grow from 262koz to ~500koz
- Drilling at Western Corridor - Bruno Lewis Deeps, Eagle-Crow and Pegasus aimed at expanding Mineral Resources form 393koz to ~500koz
- Cardinia area Target ~1.0Moz (and total project-wide Resources to ~1.5Moz)
- Phase 6 drill planning well advanced – ‘mineralised system’ focus
  - Eastern Corridor confirmed as Intrusion/Fault System model marked by gravity lows and sulphide mineralization alteration
  - Western Corridor Gravity Lows with Felsic porphyry intrusions



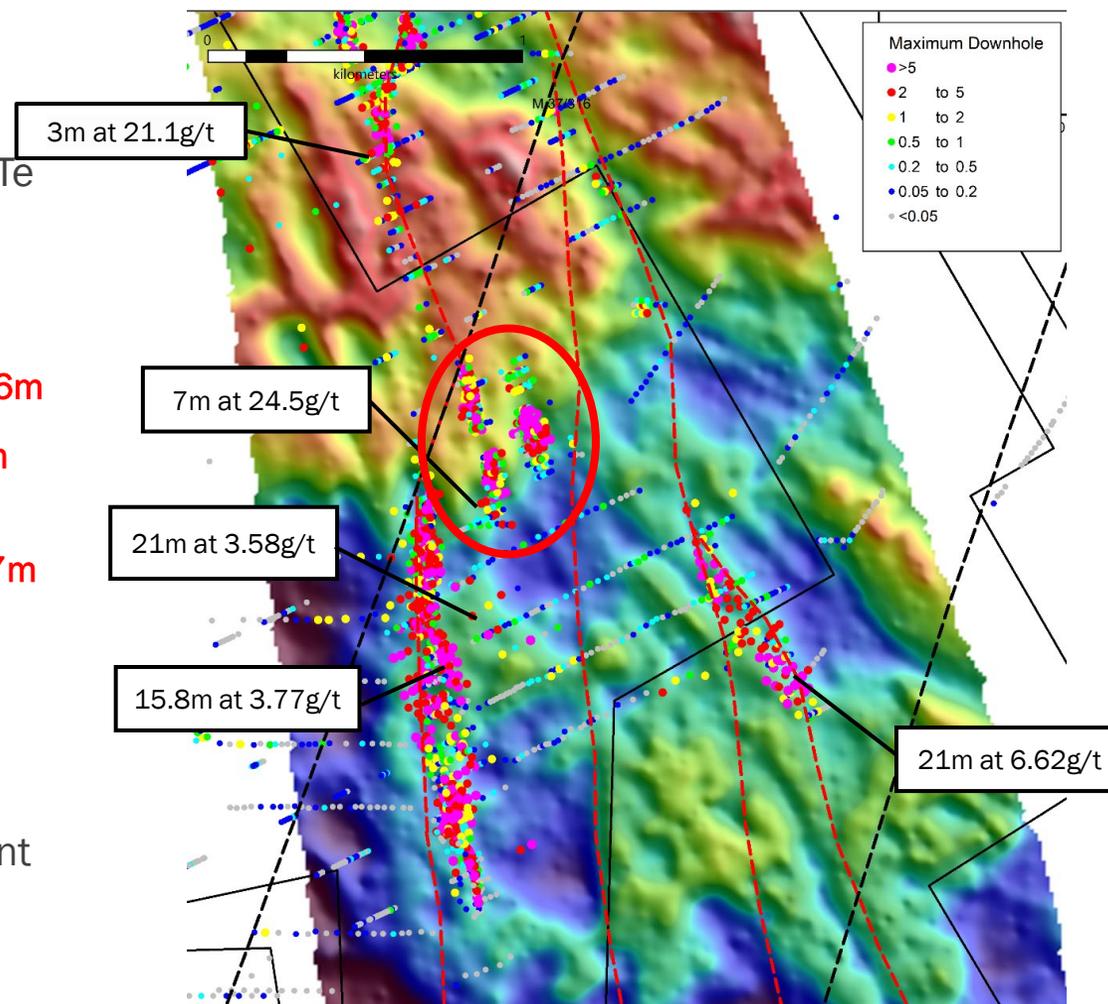
# CARDINIA AREA | EXPLORATION TOOL KIT

- Magnetics are weak due to the extensive alteration seen of the Mafic and Felsic rock package
- Detailed Gravity provides an excellent mapping tool of both rock type, alteration and structure which is the basis of the geological environment
- Cardinia area is underlain by a large felsic intrusion which creates the faults, structure and alteration in the rock mass above the intrusion.
  - Intrusion, Faulting and alteration reduce the rock SG creating gravity lows within mafic rocks. Pre-existing sedimentary rocks are also gravity lows
- Late stage activity reactivates the faults and structure with hot, metal rich fluids reacting with pre-existing alteration to precipitate sulphides, gold, silver and minor other metals
- Eastern Corridor and Western Corridor outcrop so “old timers” were successful.....but not able to get below oxidation ~30m
- Northern half –under shallow cover...easy pickings elsewhere



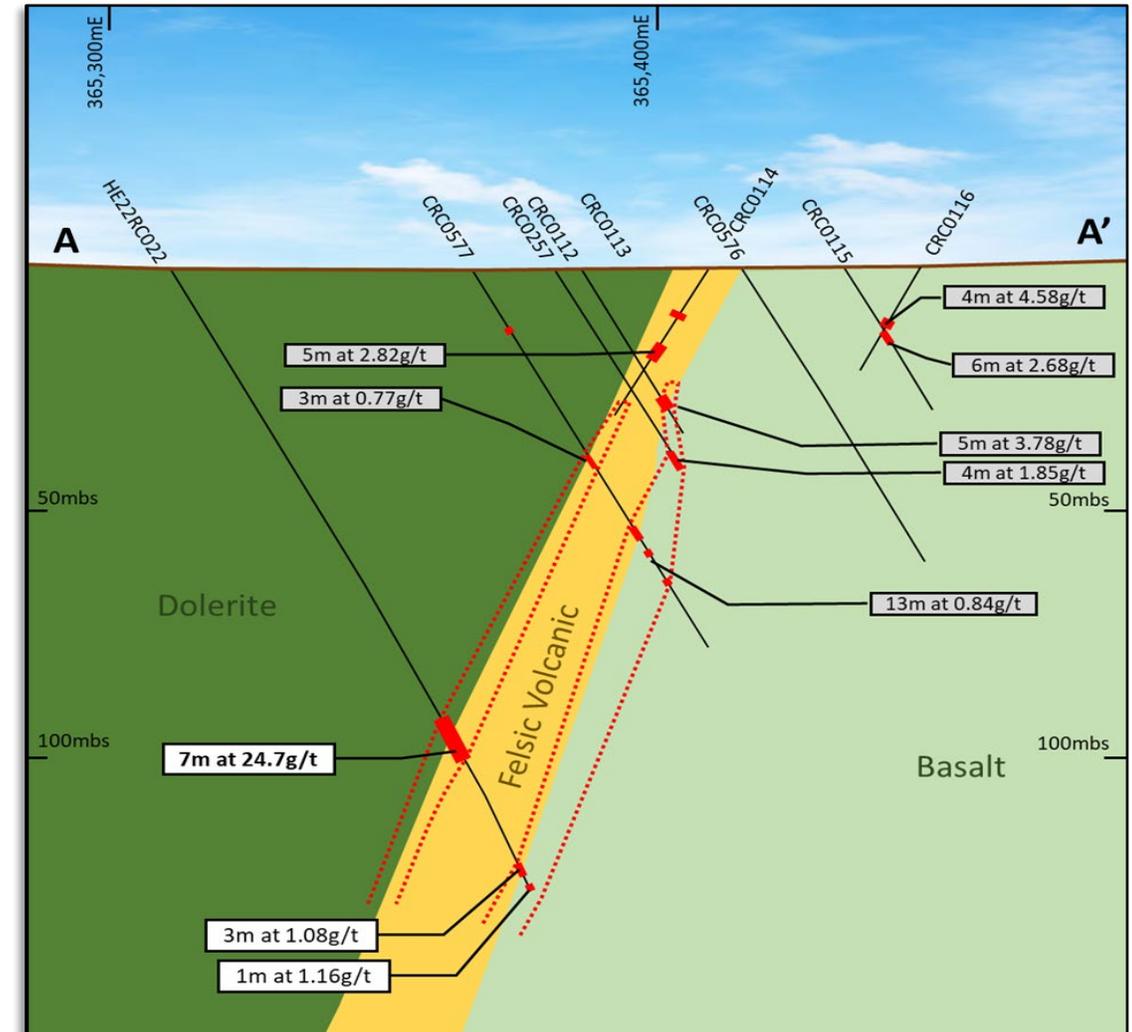
# EASTERN CORRIDOR | SIGNIFICANT RESULTS

- Buried felsic intrusion results in reactivation of major N-trending faults and flat east dipping “linking” structures.
- Mineralisation is Qz-Py-Ank, high grade Au-Ag with Cu-Mo-Pb-Zn-Te accessory sulphide signature
- High-grade intersections, **Shallow** and **Deep** from all locations:
  - Helens – 8m at 8.60g/t Au from 88m, **15.8m at 3.77g/t Au from 266m**
  - Cardinia Hill – **21m at 6.62g/t Au from 180m**, 2m at 14.5g/t Au from **120m**
  - Helens East – 21m at 3.58g/t Au from 45m, **7m at 24.5g/t from 107m**
  - Fiona – 17m at 3.20g/t Au from 31m
  - Rangoon – 43m at 1.03g/t from 39m, **3m at 21.1g/t from 98m**
  - East Lynne – 5m at 35g/t from 40m, 3m at 209g/t from surface
- Numerous untested positions in strongly mineralised environment associated with the intrusion/faults
- Mineral Resource update – SQ 2022



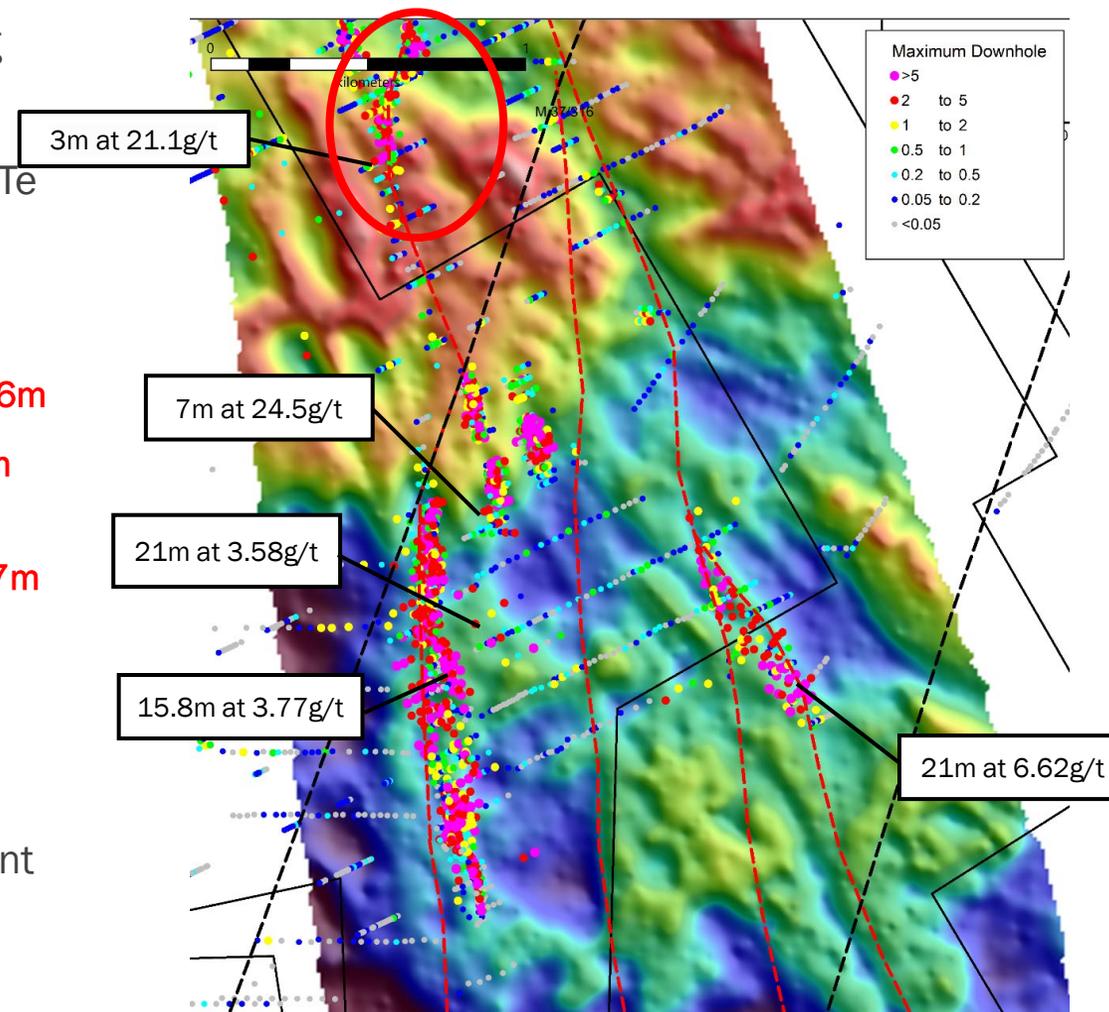
## RECENT RESULTS -HELENS EAST | STEEP-HIGH GRADE

- Majority of the near surface gold deposits discovered to date are this type
- Surface workings and historical shallow drilling under old shafts were the traditional exploration methods which found mostly oxidised portion of the ore system
- Sit on steeply dipping contacts of Felsic volcanic and Mafic rocks and Faults
  - Mappable with detailed gravity
    - Faults and contacts that are re-activated
    - Generally North-South
- Deeper drilling discovers the sulphide dominant mineralisation
  - Medium grade generally +3.0g/t
  - Sometimes very high grade +15g/t
  - Sulphides able to be targeted with geophysics



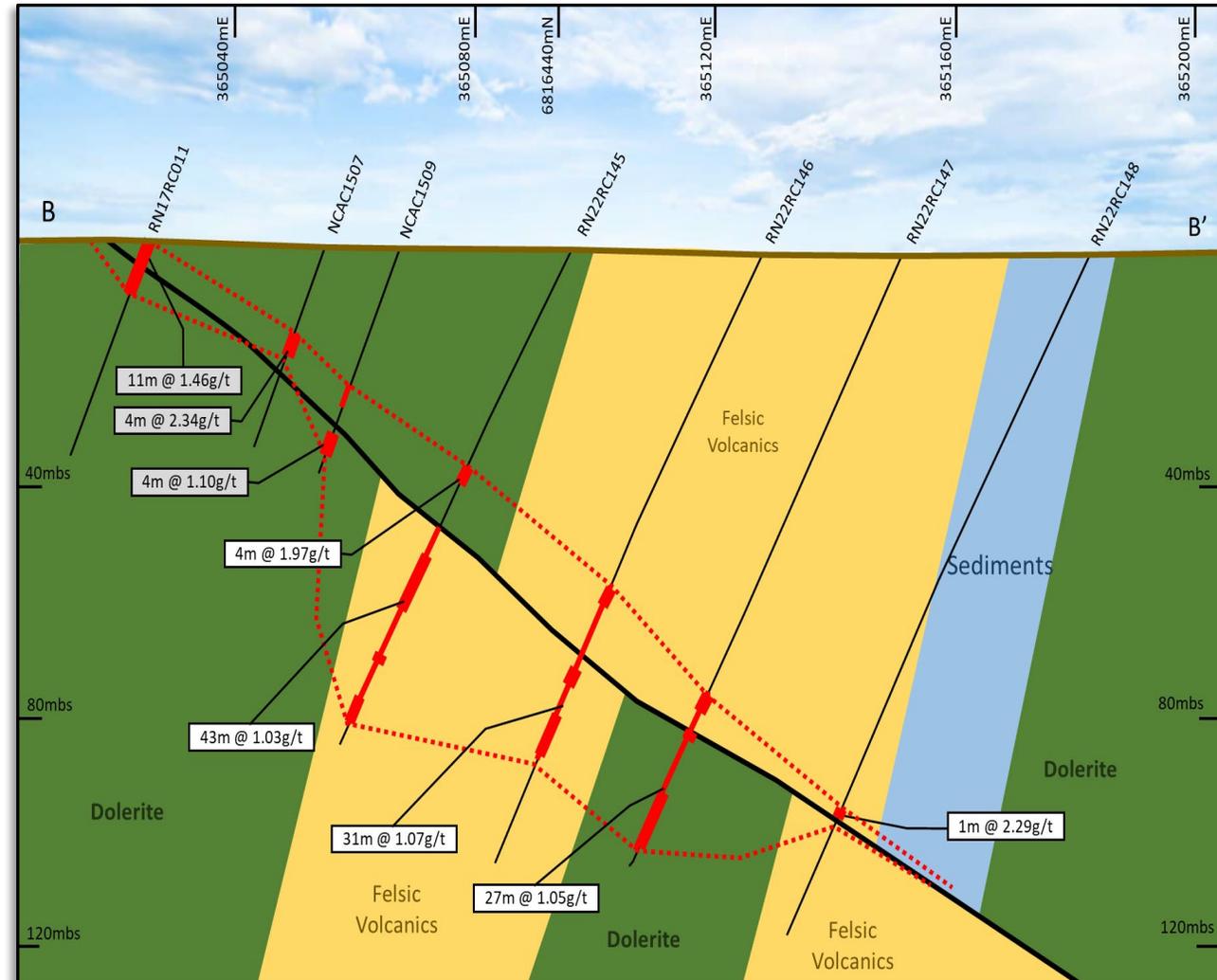
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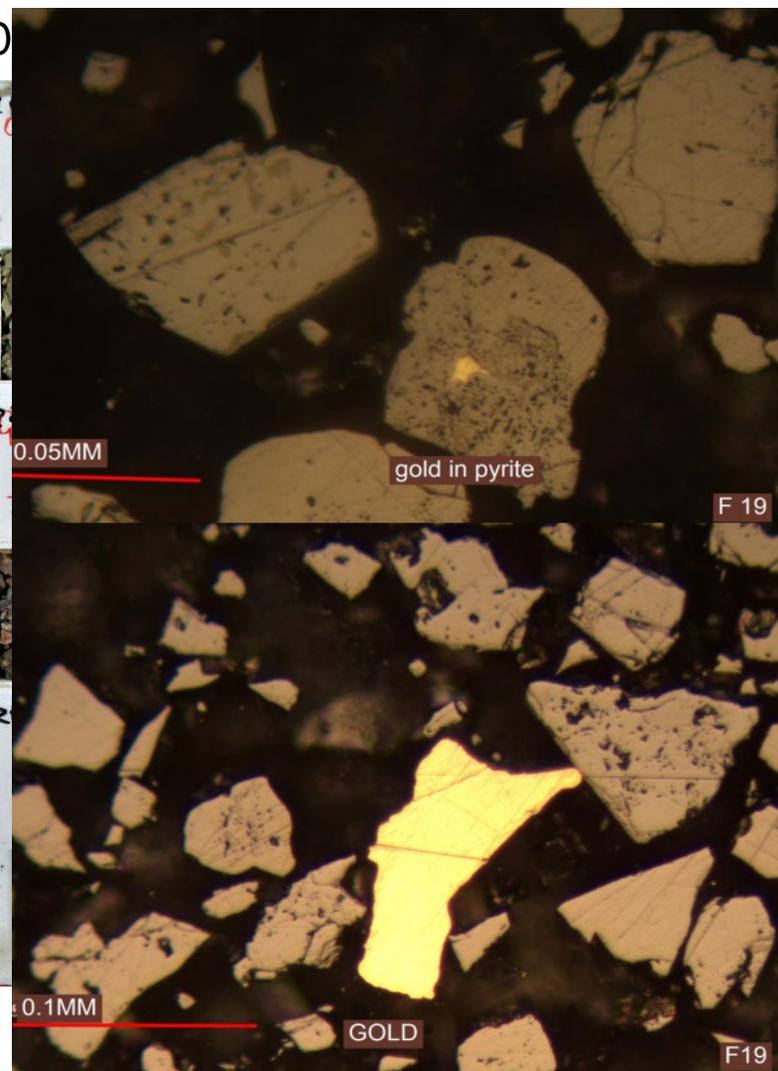
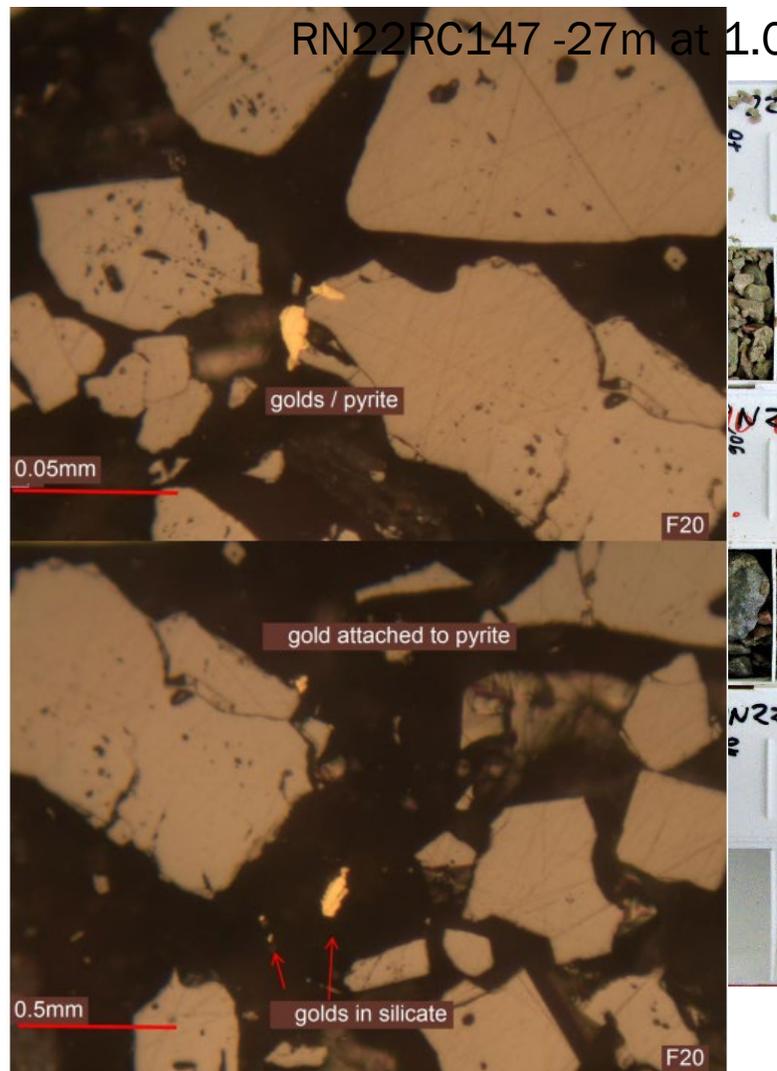
# RECENT RESULTS -RANGOON | BROAD-SHALLOW LARGE TONNAGE

- Blind to the surface or rarely found by prospectors
- Surface workings and historical drilling under old shafts never targeted these
- Sit on flat lying “linking structures” that sit between and join the steep dipping faults and lodes
- Mappable with detailed gravity
  - Structure and Alteration zone that has been re-activated
  - Generally North East of South East dipping
  - Readily recognisable if you know what to look for
- Deeper drilling discovers the sulphide dominant mineralisation
  - Broad, shallow Large tonnage low strip ratio 1.0-1.5 g/t
  - Sulphides able to be targeted with geophysics



# EASTERN CORRIDOR | SULPHIDE METALLURGY

- Sulphide mineralisation easily recognisable in deeper drilling RC and core. Quartz-Pyrite-Ankerite mineralisation...”gold is where the pyrite is”
- Gold and silver is fine, associated with pyrite, chalcopryite and galena
- Metallurgical testwork shows high recovery from all ore types at coarse primary grind
  - Oxides and Transitional Ore - 94.5% for conventional Grind-Gravity Leach process
  - Sulphide Ore - Flotation and regrind prior to leaching
    - Cardinia Hill 96.9% gold recovery
    - Helens 91.1% gold recovery
    - Rougher concentrate -10.7% Mass Recovery, 27g/t Au and 23% S



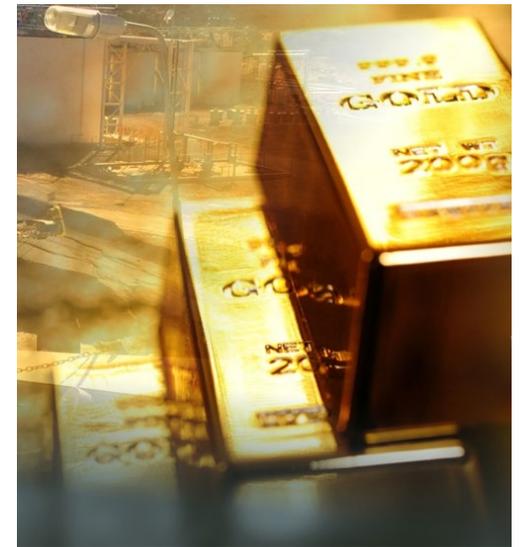
# DEVELOPMENT OPTIONS |

- Stand Alone Development
  - Requires 1.5Moz to 2.0Mz Mineral Resource target to be reached.
  - Mineral Resource update scheduled in SQ to upgrade 1.28M oz with last 12 months of drilling
  - Existing Hardware (Mills, Crusher, Conveyors structural steel already owned
  - PFS in 2019 indicated a Capex of A\$76M. Likely Capex and Opex increase but grade and recovery increased faster
- Partnered Development - JV / Ore Sale and Purchase
  - 9.0Mtpa expanding to 11.3Mtpa processing capacity within 80km – some underutilised
  - 3 processing plants - 3 different owners – Significant Shareholder
  - 3 plants with oxide ore process, 1 with future flotation capacity
  - Two Open Pit developments approved/applied for with DMIRS
  - Approximately 100koz of production
  - Currently under active consideration



## SUMMARY AND KEY TAKEAWAYS

- Advanced 1.28Moz gold project in an attractive gold mining region with considerable untested exploration potential and significant growth profile
- Consolidation in the Leonora region overdue.... and recently initiated
- Moving to **Operational Readiness** at Cardinia for initial development projects
- Focused on **making major discoveries** and unlocking the potential of a belt-scale resource base and exploration opportunity – with new **major shareholder supporting the strategy**
- Targeted drilling is still yielding **new gold discoveries within short distance of the known deposits**
- New targets have been generated from extensive multi-element soil geochemistry, detailed gravity, new geological interpretation and regional exploration programs
- Geological structures and connections is growing in understanding



# THANK YOU & QUESTIONS

Kin Mining has repositioned from near-term developer to explorer focused on the most value-accretive phase of the mining cycle... exploration and discovery.





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# KIN MINING NL | MINERAL RESOURCES

Cardinia Gold Project: Mineral Resources: September 2021															
Project Area	Resource Gold Price (AUD)	Lower Cut off (g/t Au)	Measured Resources			Indicated Resources			Inferred Resources			Total Resources			Date Announced
			Tonnes (Mt)	Au (g/t Au)	Au (k Oz)	Tonnes (Mt)	Au (g/t Au)	Au (k Oz)	Tonnes (Mt)	Au (g/t Au)	Au (k Oz)	Tonnes (Mt)	Au (g/t Au)	Au (k Oz)	
<b>Mertondale</b>															
Mertons Reward	\$ 2,600	0.4				0.9	2.17	66	1.9	0.65	41	2.9	1.15	106	26-Nov-20
Mertondale 3-4	\$ 2,600	0.4				1.4	1.85	81	1.0	0.97	31	2.3	1.48	111	26-Nov-20
Tonto	\$ 2,600	0.4				1.8	1.14	67	1.1	1.24	43	2.9	1.18	111	26-Nov-20
Mertondale 5	\$ 2,600	0.4				0.5	1.67	26	0.8	1.24	32	1.3	1.40	59	26-Nov-20
Eclipse	\$ 2,600	0.4							0.6	1.01	19	0.6	1.01	19	26-Nov-20
Quicksilver	\$ 2,600	0.4							1.1	1.10	39	1.1	1.10	39	26-Nov-20
Subtotal Mertondale						4.6	1.61	240	6.5	0.98	205	11.1	1.24	445	
<b>Cardinia</b>															
Bruno*	\$ 2,600	0.4	0.3	1.26	10	2.8	1.13	102	1.1	1.05	36	4.1	1.12	148	17-May-21
Lewis*	\$ 2,600	0.4	0.6	1.24	20	4.7	1.00	151	2.1	0.80	55	7.4	0.95	226	17-May-21
Kyte	\$ 2,600	0.4				0.3	1.53	17	0.1	0.92	3	0.4	1.38	20	26-Nov-20
Helens	\$ 2,600	0.4				0.7	2.14	50	0.3	1.94	19	1.0	2.08	69	26-Nov-20
Fiona	\$ 2,600	0.4				0.6	1.35	25	0.2	1.21	8	0.8	1.32	32	26-Nov-20
Rangoon	\$ 2,600	0.4				0.5	1.24	21	0.3	1.07	12	0.9	1.17	32	26-Nov-20
Hobby *	\$ 2,600	0.4							0.5	1.31	22	0.5	1.31	22	17-May-21
Cardinia Hill **	\$ 2,600	0.4				0.5	2.21	38	1.6	1.12	57	2.1	1.39	95	22-Sep-21
Cardinia Hill UG**		2.0							0.1	2.71	11	0.1	2.71	11	22-Sep-21
Subtotal Cardinia			0.8	1.16	30	10.2	1.23	402	6.4	1.08	222	17.4	1.17	655	
<b>Raeside</b>															
Michaelangelo	\$ 2,600	0.4				1.1	2.00	73	0.4	2.19	25	1.5	2.04	98	26-Nov-20
Leonardo	\$ 2,600	0.4				0.4	2.39	30	0.2	2.20	14	0.6	2.32	44	26-Nov-20
Forgotten Four	\$ 2,600	0.4				0.1	2.09	7	0.1	1.96	6	0.2	2.03	14	26-Nov-20
Krang	\$ 2,600	0.4				0.3	1.74	17	0.0	2.59	2	0.3	1.80	19	26-Nov-20
Subtotal Raeside						2.0	2.04	128	0.7	2.17	47	2.6	2.07	175	
<b>TOTAL</b>			<b>0.8</b>	<b>1.16</b>	<b>30</b>	<b>16.7</b>	<b>1.43</b>	<b>770</b>	<b>13.6</b>	<b>1.09</b>	<b>474</b>	<b>31.1</b>	<b>1.27</b>	<b>1275</b>	

## Notes

- See ASX Announcement 23 September 2021 “Cardinia Gold Project Mineral Resource Update”
- The Company confirms that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed at the time of publication
- Totals may not tally due to rounding of values
- Mineral Resources estimated by Jamie Logan of Kin Mining NL and Cube Consulting reported in accordance with JORC 2012 using a 0.4g/t Au cut-off within AUD2,600 optimisation shells
- Cardinia Hill UG Mineral resource reported by Cube Consulting in accordance with the JORC 2012 using 2.0g/t Au cut-off underneath AUD2,600 optimisation shell.