

ASX Announcement

24 January 2022

## DECEMBER 2021 QUARTERLY ACTIVITIES REPORT

**High-grade air-core results reveal new shallow gold discovery at Pegasus, immediately adjacent to the cornerstone Bruno-Lewis deposit; Mt Flora discovery expands at depth with outstanding new high-grade results in diamond drilling; Kin further expands its strategic footprint at Leonora**

### Highlights:

- High-grade air-core results reveal new shallow gold discovery at the Pegasus prospect, located adjacent to the cornerstone 374koz Bruno-Lewis deposit at the Cardinia Gold Project. Results include:
  - 4m at 10.1g/t Au from 24m (PG21AC144)
  - 8m at 3.08g/t Au from 8m (PG21AC224)
  - 4m at 1.61g/t Au from 20m (PG21AC285)
  - 4m at 2.25g/t Au from 32m (PG21AC290)
  - 12m at 0.70g/t Au from 4m (PG21AC138)
- Pegasus contains numerous ore grade intersections outlined over an area 800m long and up to 100m wide.
- Diamond drilling to test the deeper primary zone at the Mt Flora Project, 20km east of the CGP, has intersected two zones of high-grade mineralisation in MF21DD001. Results include:
  - 5.3m at 6.49g/t Au including 2.6m at 8.84g/t Au from 188.3m; and
  - 8.1m at 2.58g/t Au including 4.0m at 4.80g/t Au from 54.0m
- The intercept of 5.3m at 6.49g/t Au including 2.6m at 8.84g/t Au from 188.3m is interpreted to be the down-dip extension of previously reported high-grade air-core results:
  - 22m at 8.96g/t Au (MF21AC522); and
  - 8m at 2.79g/t Au (MF21AC525)
- The intercept of 8.1m at 2.58g/t Au including 4.0m at 4.80g/t Au from 54.0m represents a new mineralised position in an area previously untested by drilling – indicating the potential for multiple parallel mineralised lodes.
- 25-hole (3,169m) RC drilling program completed at Mt Flora in November – assays awaited.

### Corporate

- NBIO received from St Barbara Limited rejected by Kin Board as it would not have been approved by the requisite 75% voting majority of Kin's shareholders.
- Well-supported Entitlement Offer completed, raising \$7.0 million at 10.5c/new share to progress the Stage 5 exploration program at the CGP.
- Exploration Earn-in and Joint Venture agreement secured subsequent to Quarter-end with Golden Mile Resources (ASX: G88) over 120km<sup>2</sup> of contiguous tenure located adjacent to the CGP.

### OVERVIEW

**ASX Code: KIN**

Shares on issue: 866 million

Market Capitalisation: \$95 million

Cash: \$7.315 million (31 December 2021)

**Kin Mining NL**

342 Scarborough Beach Road

Osborne Park WA 6017

P: +61 9 9242 2227

E [info@kinmining.com.au](mailto:info@kinmining.com.au)[www.kinmining.com.au](http://www.kinmining.com.au)

Kin Mining NL (**Kin or the Company**) (ASX: **KIN**) continued to make excellent progress during the December Quarter with its exploration-driven strategy aimed at growing the resource inventory and making new discoveries at the Company's flagship 100%-owned Cardinia Gold Project (CGP or the Project) in Western Australia (Figure 1).

Key highlights included high-grade air-core results from the emerging Pegasus prospect, located adjacent to the cornerstone Bruno-Lewis deposit, and significant new results from the satellite Mt Flora Project, located 20km from the CGP. The Company's ongoing exploration programs are underpinned by a well-supported \$7.0 million Entitlement Offer completed during the reporting period.

Kin Mining Managing Director, Andrew Munckton, said:

*"We've had a busy and productive end to the 2021 calendar year, with air-core drilling at the Pegasus target showing plenty of encouragement for the discovery of a significant new deposit within the Cardinia Gold Project area, while our first diamond hole at the Mt Flora Project has extended the high-grade mineralisation at depth.*

*"At Pegasus, air-core drilling has outlined a substantial mineralised position on the eastern side of the gravity low identified from geophysical data.*

*"The eastern margin of this anomaly has returned a number of shallow, ore grade intercepts over a zone extending at least 800m in length and up to 100m width. The results reported during the December Quarter support historical results returned from the nearby Pride of the North area, indicating the potential for a significant mineralised system.*

*"Pegasus is located immediately adjacent to our 374,000-ounce Bruno-Lewis deposit, putting the discovery right in the heart of the CGP project area and indicating yet again how underexplored many sections of the project area remain.*

*"Further afield, we have also seen enormously encouraging results from the Mt Flora Project, located 20km east of the CPG, where our first deep diamond hole has confirmed the high-grade mineralisation seen in initial air-core drilling continues at depth.*

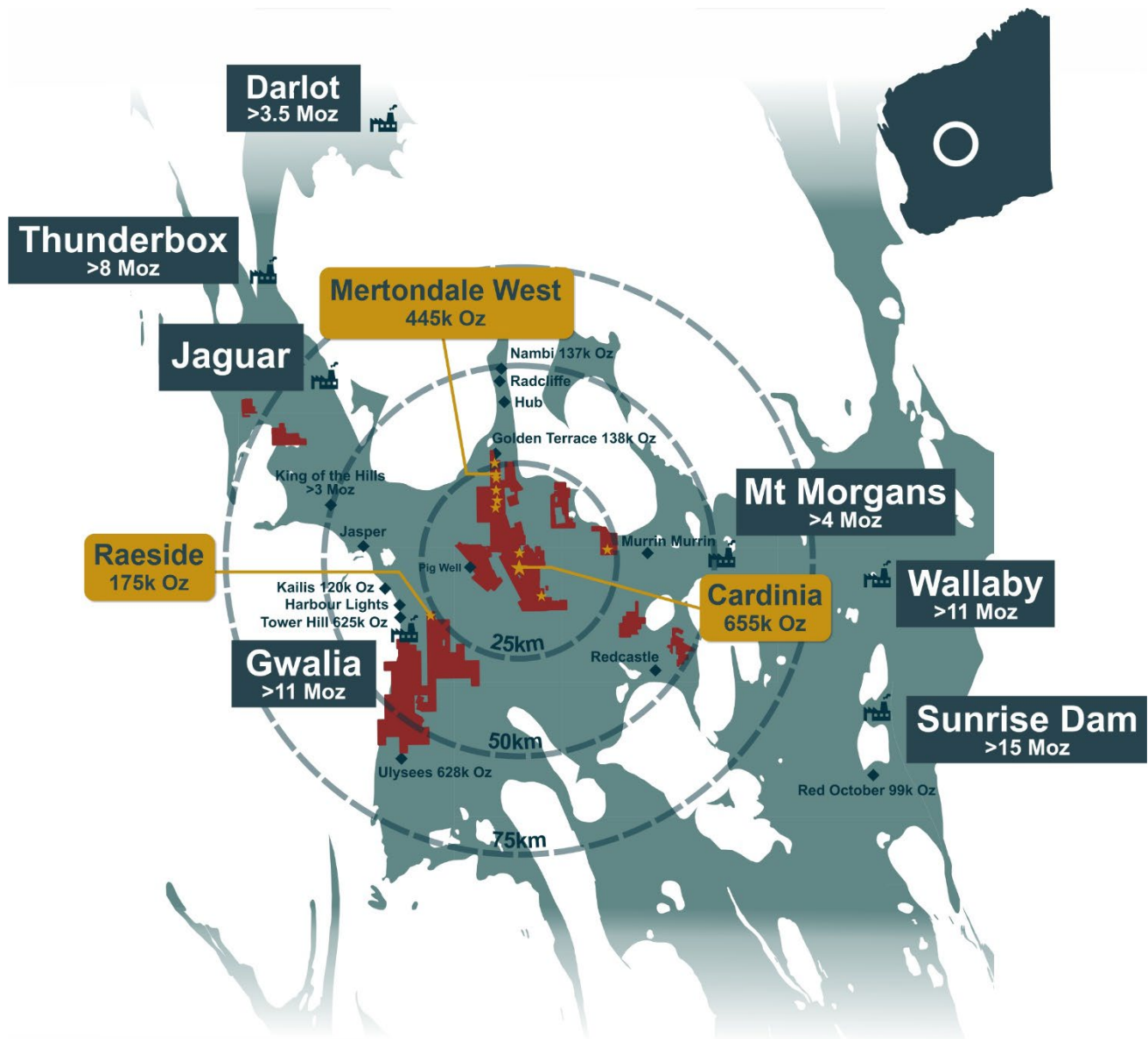
*"Mineralisation within the Eastern Zone at Mt Flora has now been extended to 150m vertical depth, with a new zone of mineralisation identified that indicates the potential for multiple parallel lodes.*

*"A program of follow-up Reverse Circulation drilling has since been completed at Mt Flora, with assays awaited.*

*"On the corporate front, we completed a well-supported Entitlement Offer during the Quarter, which raised approximately \$7 million. I would like to thank all the shareholders who participated in this capital raising for their ongoing support.*

*"Subsequent to Quarter-end, we were also pleased to secure an Earn-in and Joint Venture agreement with Golden Mile Resources over 120km<sup>2</sup> of exploration tenure within the Leonora district. The JV ground comprises contiguous tenements that sit adjacent to the CGP, as well as regional exploration ground that includes a number of exploration targets to further expand our growth pipeline.*

*"The new tenements sit on the same geological structures that host many of our existing deposits at the CGP, providing an exciting opportunity for our team to apply the significant local expertise they have built up at the CGP to this new ground."*



**Figure 1:** Location of the Cardinia Gold Project including major mineral deposits in the region.

## EXPLORATION AND DEVELOPMENT STRATEGY

Following the completion of the CGP Pre-Feasibility Study in August 2019, Kin began to evaluate exploration opportunities across its tenement package, in conjunction with other consolidation, growth and strategic options within the region.

Kin has a dominant 777km<sup>2</sup> land-holding across the under-explored Minerie Greenstone Belt, part of a region which has yielded multiple gold deposits in recent decades. The CGP area encompasses a +45km strike of the Minerie Formation which contains large alteration systems associated with several significant gold deposits.

No substantive development activities occurred during the quarter, with the Company's focus remaining on progressing a multi-pronged exploration effort aimed at unlocking the full potential of the Cardinia Project.



## Resource Drilling Program

### Pegasus

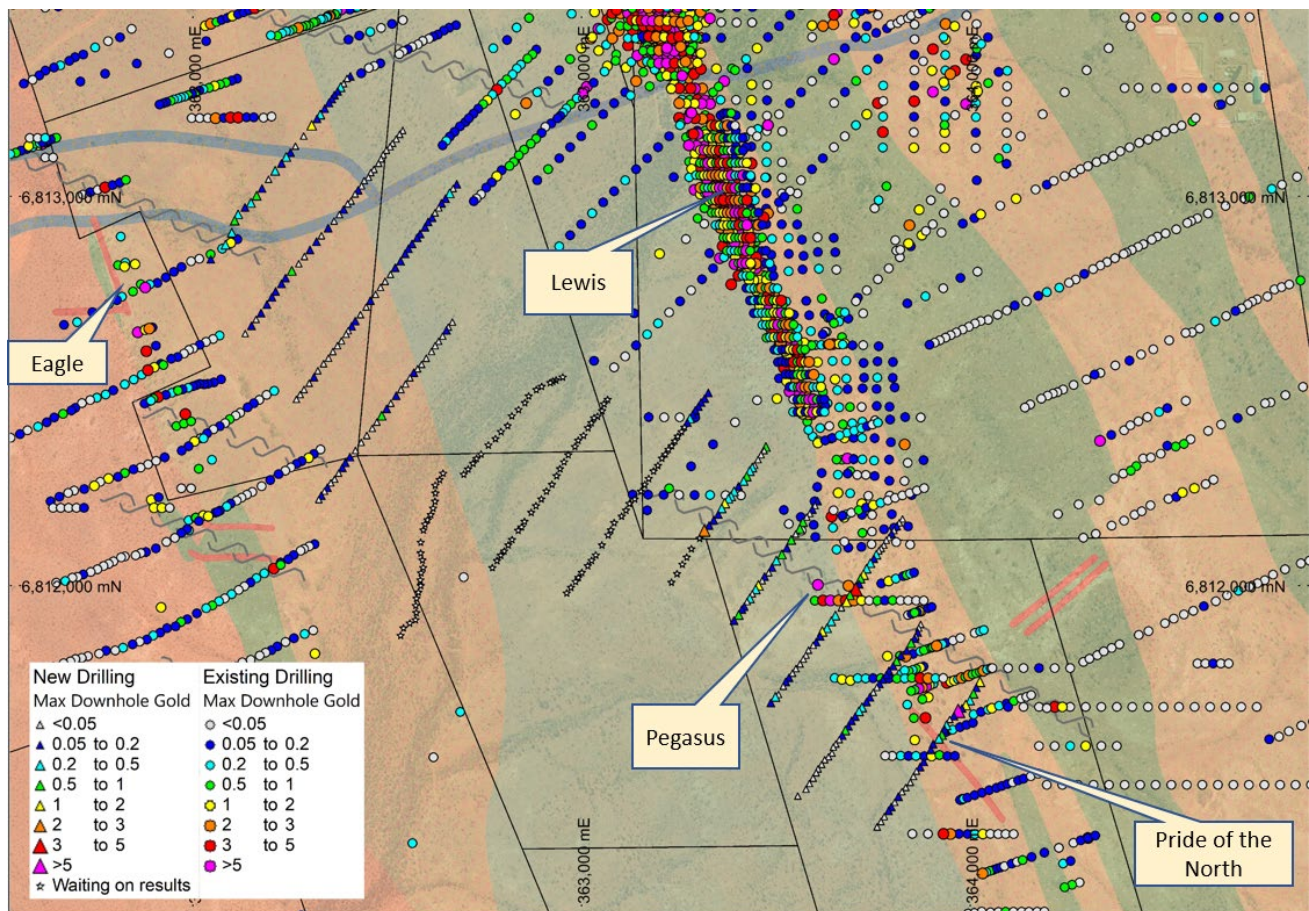
An initial program of air-core (AC) drilling at the Pegasus prospect, located adjacent to the 374,000oz Bruno-Lewis deposit, during the Quarter intersected a significant zone of shallow, high-grade, gold mineralisation.

The results included strong intercepts such as **4m at 10.1g/t Au from 24m** in PG21AC144 and **8m at 3.08g/t Au from 8m** in PG21AC224, together with other significant results located on the eastern edge of the Pegasus Gravity Target.

The results have confirmed the discovery of a significant zone of new mineralisation and reinforced the Company's view that gravity lows highlighted in the recent detailed survey over the greater Cardinia area represent priority exploration targets for new discoveries for the Company's exploration team.

The Pegasus prospect was first identified as a soil geochemical anomaly after regional, wide-spaced auger sampling undertaken in early 2020. The auger program identified a number of gold-in-soil anomalies in the Western Corridor including the Eagle-Crow prospect which received recent RC drill testing with strong initial results. The prospectivity of the Pegasus target was enhanced with the completion of the detailed gravity survey in the September Quarter which showed the anomalous soil geochemistry was coincident with the edge of a large NW-SE trending gravity low.

Gravity lows have shown a strong correlation with gold mineralisation at the adjacent Bruno-Lewis deposit and recent high-grade discoveries at Cardinia Hill and Rangoon in the Eastern Corridor at Cardinia.



### ***Adjacent Historical Drilling Results***

Pegasus lies to the north-west of previous drilling associated with testing around the Pride of the North historical workings. This drilling includes both Rotary Air Blast (RAB) drilling and RC drilling from the 1990s and early 2000s.

Results from the Pride of the North drilling included:

- 10m at 3.10g/t Au from 12m (C0031)
- 16m at 1.04g/t Au from 4m (C0030)
- 8m at 1.07g/t Au from 32m (BL19RC040)
- 9m at 1.15g/t Au from 24m (NCAC1241)

The position of historical Pride of the North drilling results is interpreted to be part of the larger Pegasus mineralised zone which is controlled by structures associated with the eastern edge of the Pegasus Gravity Target.

### ***2021 Air-core Drilling Program***

Air-core drilling completed in September and October 2021 comprised 405 AC holes (10,914m) on 12 lines designed to:

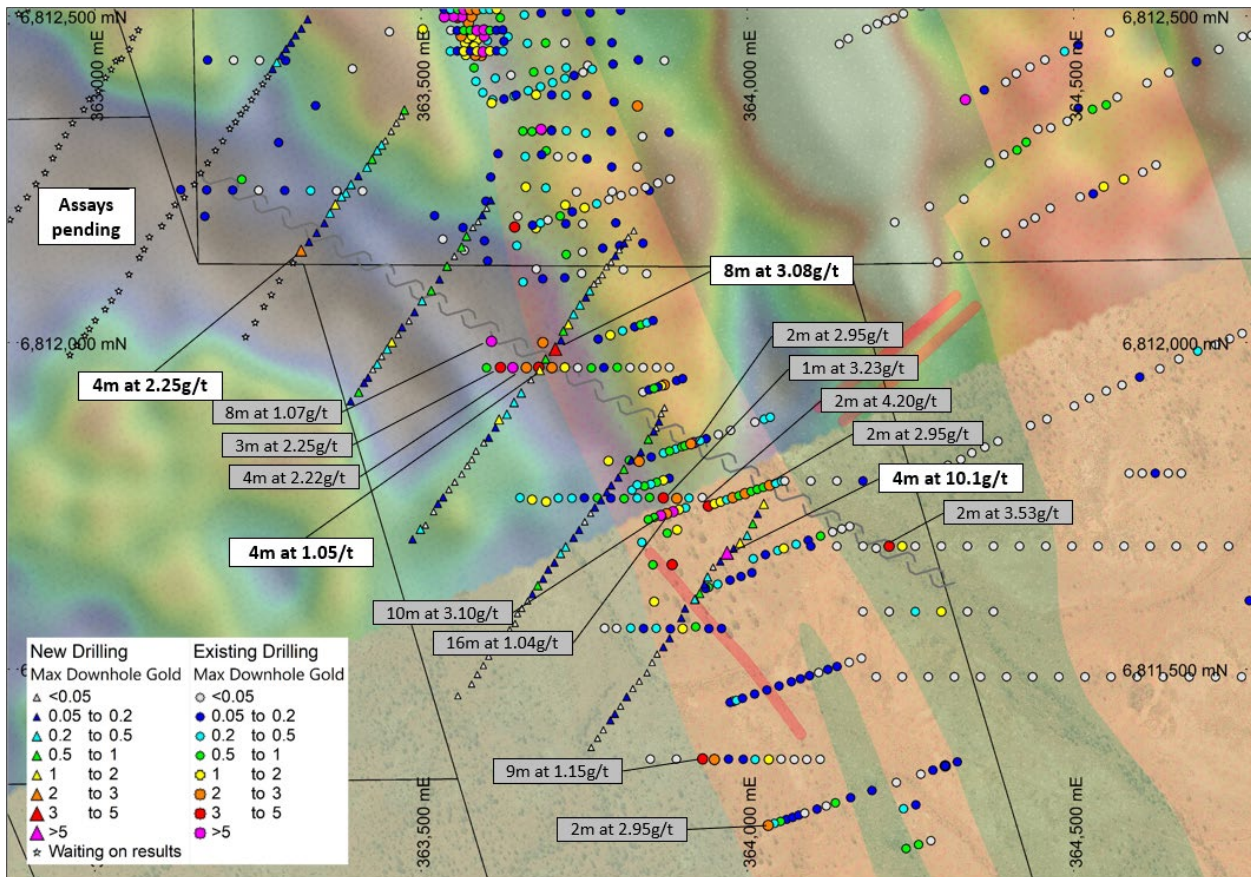
- Test at 200m line spacing the anomalous soil geochemistry coincident with the eastern edge of the gravity target;
- Test at 200m line spacing the western edge of the gravity target which lies within the Cardinia Creek system where soil geochemistry is not effective and where access is limited;
- Confirm the relationship of the historical Pride of the North and Lewis drilling results to the Pegasus Gravity target.

The assay results have been returned for the eastern edge of the gravity target, confirming that a continuous zone of mineralised lodes spanning at least 800m of strike and up to 100m wide is present at this location.

Multi-element assay results for bottom-of-hole samples used to characterise the mineralisation, alteration and rock types have confirmed that the gold mineralisation is associated with anomalous silver, antimony, zinc and tungsten in sulphide-rich vein structures within altered mafic rocks. Significant intercepts for the AC drilling received to date are illustrated in Figure 3, with full details provided in the Company's ASX Announcement dated 15 November 2021. Additional AC drilling to test the western edge of the gravity target has been completed. The locations of these additional drill lines where assays are awaited are illustrated in Figure 3.

The next phase of work, comprising RC and diamond drilling to confirm mineralisation in fresh rock, is planned to commence as soon as drill rigs become available – by which time the remaining assay results from the western edge of the gravity target AC drilling lines are expected to have been received.



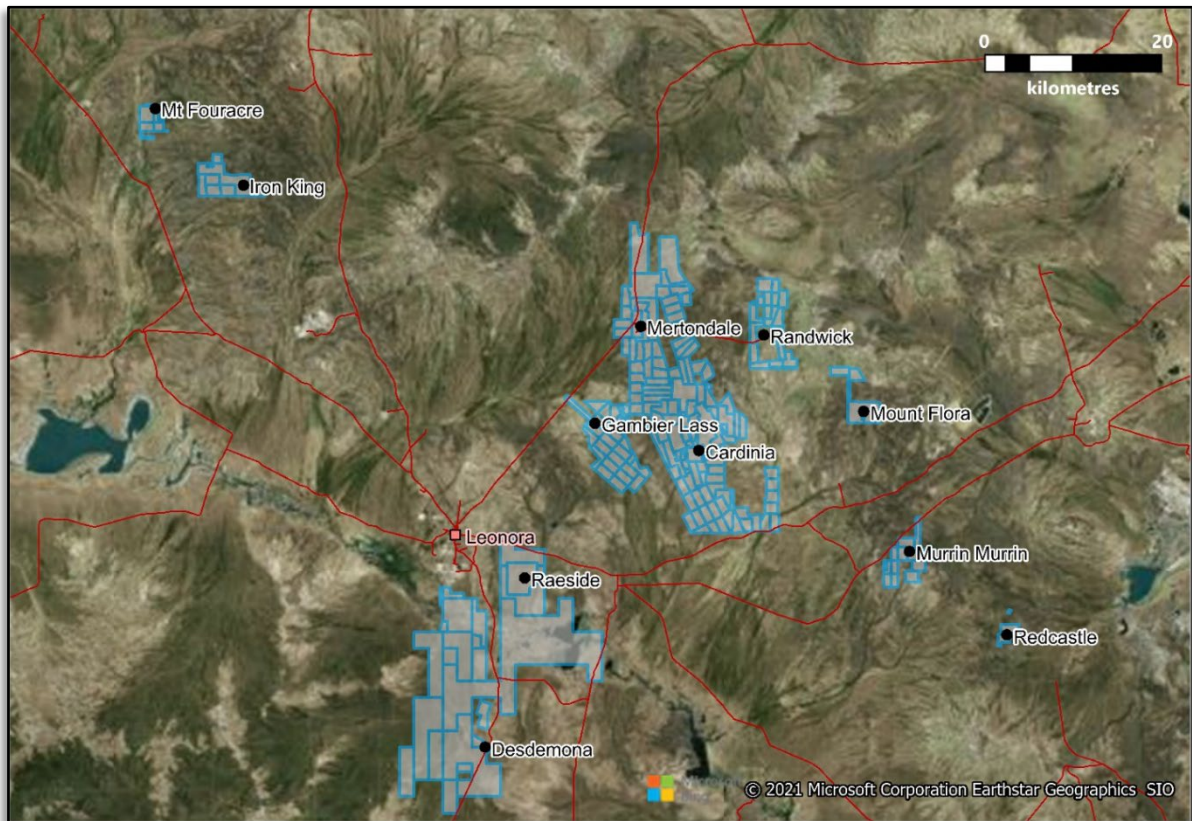


**Figure 3: Pegasus Target drilling results over detailed gravity map.** New AC results in white labels, historical drilling results in grey labels. Pegasus AC drilling defines a zone containing several mineralised lodes trending NW-SE for over 800m of strike.

Kin owns six separate projects located east and west of the centrally located CGP (Figure 4) which the Company has been advancing with a range of exploration activities over the past 12 months including ground-based geophysical surveys, surface auger soil geochemical surveys and first-pass air-core (AC) drilling programs to evaluate their prospectivity.

The purpose of the regional exploration program across the gold-based projects is to provide an initial assessment of the mineralisation style and gold grade and determine whether each project has the potential to be a viable stand-alone project or would more naturally provide satellite feed to a CGP based mining and processing operation.

The key parameters governing these development options is the distance from Cardinia, potential alternative treatment options, project size and mineralisation grade. Other projects in the portfolio of tenements also offer nickel sulphide exploration potential and these are being assessed in parallel with the gold project evaluation.



**Figure 4:** Kin Mining's regional project areas close to Leonora, Western Australia.

Assay results from the first deep diamond hole completed at the Mount Flora Project, located 20km east of the CGP, have successfully extended the high-grade mineralisation at depth and revealed a new zone of mineralisation. Diamond hole MF21DD001 was completed in November and targeted the area beneath previously reported high-grade air-core (AC) drilling results (see ASX Announcement 27 May 2021). The diamond hole returned two high-grade intercepts beneath the Eastern Zone, which have confirmed the extent of the mineralisation to 150m vertical depth.

MF21DD001 returned intercepts of **8.1m at 2.58g/t Au from 54m** including **4m at 4.80g/t Au** and **5.3m at 6.49g/t Au from 188.3m**, from an area located down-dip from air-core holes MF21AC522 (which intersected **22m at 8.96g/t Au from 24m**) and MF21AC525 (which intersected **8m at 2.79g/t Au from 28m**), together with other significant shallow results.

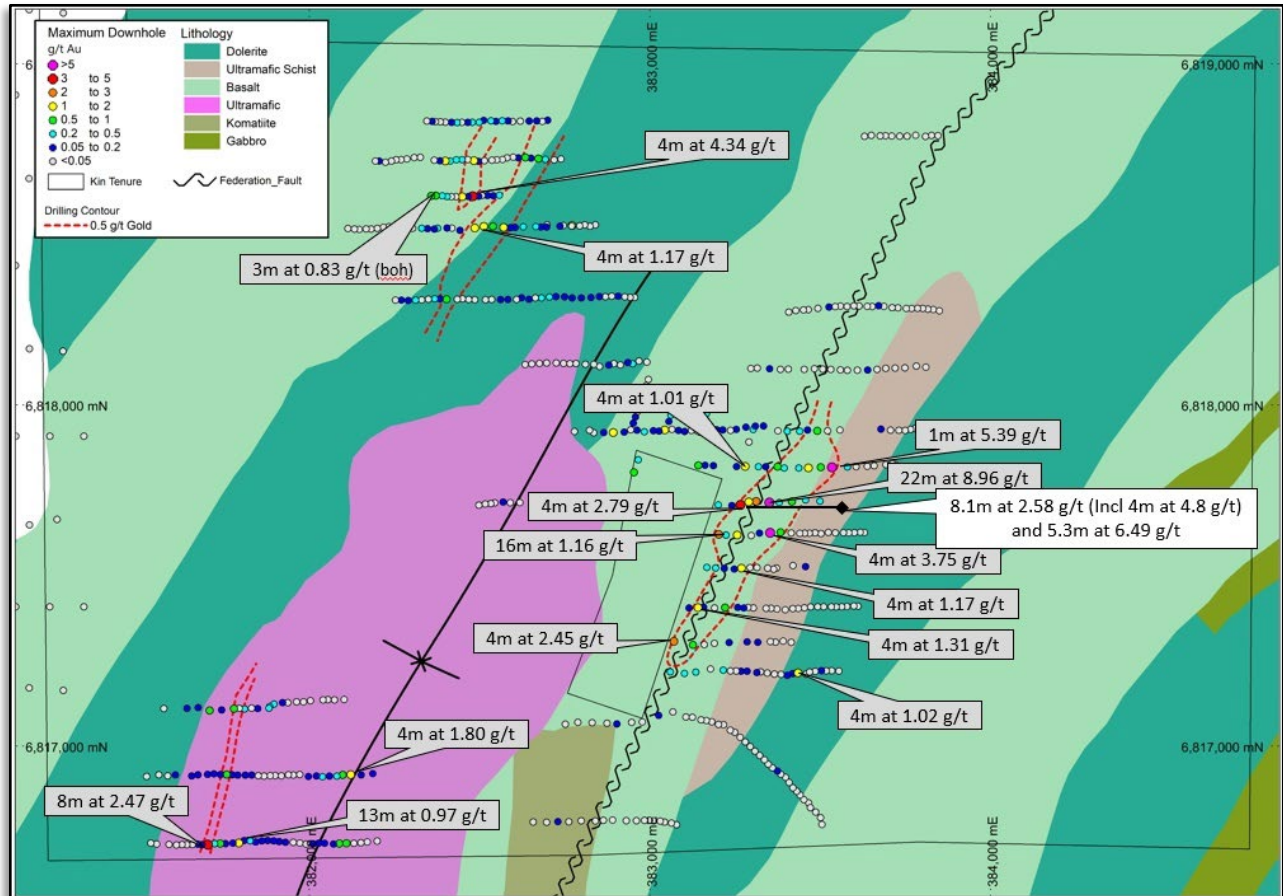
**Confirmation of the presence of a high-grade primary gold system beneath the air-core drilling is a significant development, providing further confidence in the potential of the emerging Mt Flora discovery.**

Importantly, these zones of mineralisation display a distinctive style of alteration, with quartz-carbonate-pyrite-scheelite veining present in a silica – biotite altered basalt. The mineralisation is rich in tungsten (W) with elevated tellurium (Te) and sulphur (S) which are being used to map the alteration system.

Overall, the combination of soil geochemistry, AC drill results and now the high-grade primary mineralisation returned from the maiden diamond drill hole have confirmed the discovery of a zone of gold mineralisation approximately 700m long and up to 150m deep at the Eastern Zone and 400m long at the North-Western Zone. The Mount Flora prospect remains as a priority satellite exploration target for the Company's exploration team, alongside the 1.28Moz CGP.



The Mount Flora prospect was identified by a regional, wide-spaced auger sampling program undertaken in late 2020. The auger program identified a number of gold and pathfinder elements-in-soil anomalies, which were NNE-trending, parallel to the dominant north-east oriented structural trend, represented by the Federation, Sligo Creek and Lady Susan Faults.



**Figure 5:** Location of the Mount Flora AC and diamond drilling program over geological map. Interpretation suggests the mineralisation is related to splays from the NE trending Federation Fault and other parallel structures. Recent results in white labels, previously reported results in grey labels.

### Air-core Drilling Program

Kin Mining completed the program of air-core drilling at Mount Flora in two stages comprising an initial program of 269 drill-holes for 10,166m on 11 lines of drilling at 200m line spacings (refer ASX announcements 27 May and 4 June 2021) and a follow-up program completed in July 2021 (refer ASX announcement on 2 September 2021) comprised an additional 268 AC holes for 10,763m on 13 lines to:

- In-fill the Eastern Zone and North-Western Zone mineralisation to 100m line spacing;
- Test potential extensions of the Eastern Zone to the north and south at 200m line spacing; and
- Test further east along existing lines where favourable geology and quartz veins were intersected in the end-of-line holes completed in the initial AC drilling program.

Assay results from both programs confirmed that a continuous zone of mineralised lodes spanning at least 700m of strike and up to 150m width is present at the Eastern Zone and several mineralised lodes spanning 400m strike and up to 80m width are present at the North-Western Zone.



Multi-element assay results for bottom-of-hole samples used to characterise the mineralisation, alteration and rock types have confirmed that the gold mineralisation is associated with anomalous silver, tellurium and tungsten in sulphide-rich quartz carbonate vein structures within mafic rocks.

#### RC Drilling

RC drilling totalling 3,169m in 25 holes was completed in November 2021. Assay results for all RC drilling are awaited. The RC drilling was focused on the Eastern Zone and completed mostly on 80m spaced and 40m spaced sections spanning approximately 600m of strike length. Initial RC drilling beneath anomalous AC drilling results was also completed at the North-Western Zone.

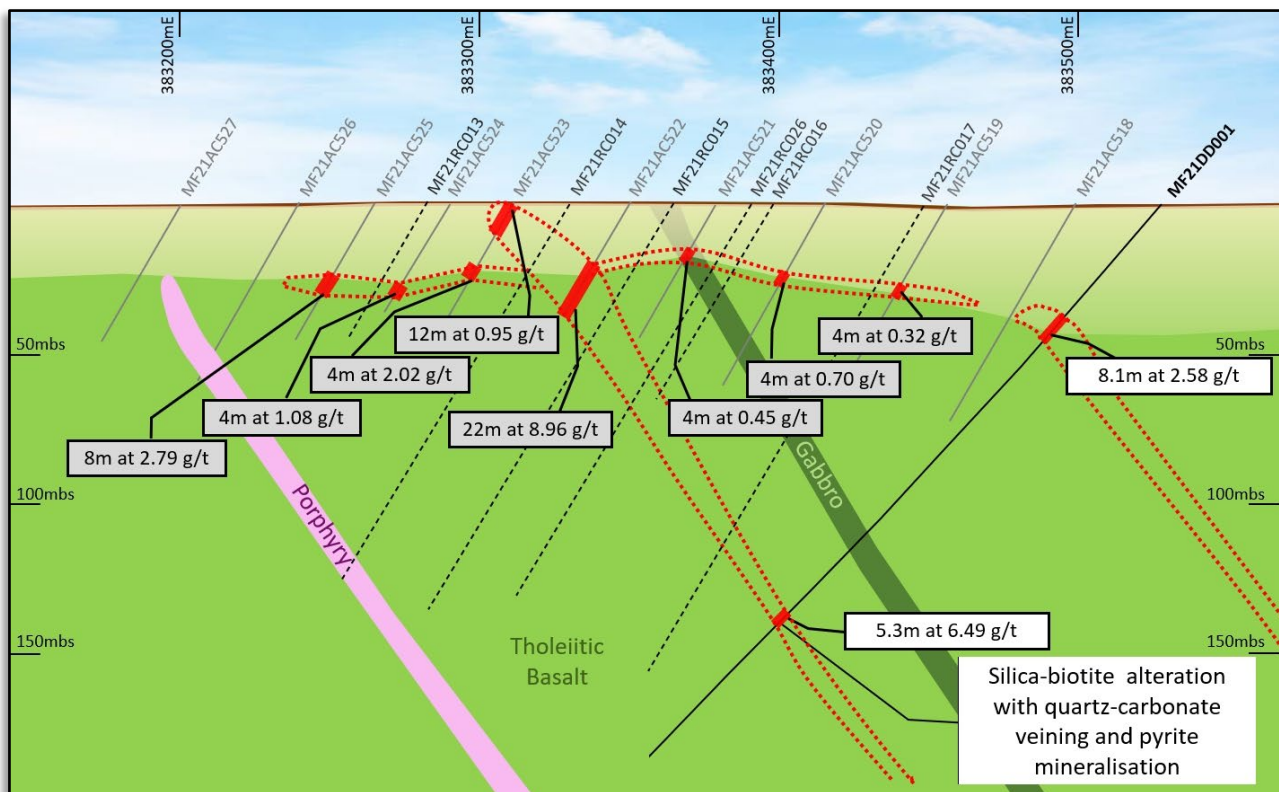
#### Eastern Zone Diamond Drilling

A single diamond drill hole, MF21DD001, was completed to test potential depth extensions of near-surface mineralisation intersected in AC drilling at the Eastern Zone and to understand the stratigraphy of the rock package.

The diamond drill hole intersected two zones of high-grade gold mineralisation at approximately 54m to 62m downhole and 188m to 194m down-hole. In both cases, the mineralisation appears to be associated with fine quartz-carbonate-scheelite veining in a silica and biotite altered basalt rock.

Gold mineralisation is associated with fine pyrite and scheelite (calcium tungstate) with anomalous tellurium. Mineralisation style is shown in *Figure 7*. Fine pyrite and associated silica-biotite alteration around quartz-carbonate-scheelite veining is shown in *Figure 8* and *Figure 9*.

The location of MF21DD001 relative to the high-grade near-surface mineralisation intersected in earlier AC drilling and completed RC drilling is illustrated in cross-section in *Figure 6*.



**Figure 6:** Mount Flora Eastern Zone cross section (6817710mN) illustrating the position of diamond drill hole MF21DD001 relative to the near-surface mineralisation intersected in AC drilling and completed RC drilling. Previous assay results in grey labels, new results in white labels.



**Figure 7:** Mount Flora drill core 186.2m to 195.2m showing silica-biotite altered basalt with quartz carbonate veining, scheelite (calcium tungstate mineral) and sulphide mineralisation. See Figure 8 for details.



**Figure 8:** Mount Flora drill core showing silica-biotite altered basalt with quartz-carbonate veining containing scheelite (tan coloured mineral within the vein) and pyrite mineralisation at 188.6m hole depth. Photo is part of a 2.6m long zone grading 1.6% S, 580ppm W and 8.84g/t Au





*Figure 9: Mount Flora drill core under UV light showing scheelite (fluorescent blue colour) in silica-biotite altered basalt with quartz-carbonate-scheelite veining at 188.6m hole depth.*

## CORPORATE

### NBIO from St Barbara Limited

On 7 October 2021 Kin advised that it had rejected a confidential non-binding indicative proposal (**NBIO**) from St Barbara Limited (SBM) for the purchase of all Kin shares, via a scheme of arrangement, at an implied price of \$0.16 per Kin share through the issue of SBM shares (**Proposed Transaction**). The NBIO was subject to a number of conditions including the unanimous recommendation of the Kin Board.

The Proposed Transaction, if it had been implemented, would amongst other things have required the approval by a majority of shareholders (other than SBM) holding 75% of the shares voting in favour of the Proposed Transaction at the scheme meeting.

The Kin Board considered the NBIO, engaged with SBM, and canvassed the views of its major and substantial shareholders other than SBM who collectively hold in excess of 25% of the total Kin shares on issue. The Board determined that the proposed NBIO could not progress because the Proposed Transaction was not acceptable to the major and substantial shareholders other than SBM, and therefore would not have been approved by the requisite 75% voting majority of Kin's shareholders.

SBM subsequently withdrew the NBIO.

### Entitlement Offer

During the Quarter, the Company's non-renounceable rights issue of 1 new share for every 6.5 shares held at an issue price of \$0.105 per new share (Rights Issue), announced on 11 October 2021, closed as scheduled on 8 November 2021 with strong support received from shareholders.

In accordance with Appendix 7A of the ASX Listing Rules, the Company received valid acceptances for 66,498,202 new shares (\$6.982 million), with a shortfall remaining of 56,522,682 new shares.

The Company retains the right to place the shortfall on no worse terms in the three months following the completion of the Entitlement Offer, at the Directors' discretion.

The Directors were encouraged by the level of support shown by shareholders, with three of the Company's largest shareholders collectively subscribing for 45,793,141 shares (37% of the total or \$4.808 million).

Shares associated with the acceptances outlined above were issued to shareholders on 12 November 2021.

Upon completion of the Rights Issue, the total funds raised will be approximately A\$6.982 million before costs.



### Payments to related parties of the entity and their associates

During the quarter a total of \$0.134 million was paid for Directors Fees and Salaries to the Directors of the Company.

### Earn-in and Joint Venture Agreement with Golden Mile Resources Ltd

Subsequent to the end of the Quarter, Kin entered into an Earn-in and Joint Venture agreement with Golden Mile Resources Ltd (ASX: G88 – “G88”) over 120km<sup>2</sup> of exploration tenure located adjacent to the CGP (see ASX Announcement 21 January 2022).

The ground, made up of three prospect areas (see Figure 10), comprises strategically-located contiguous tenements that sit adjacent to Kin’s CGP, as well as regional exploration ground that includes a number of exploration targets to further expand the Company’s growth pipeline in the Leonora region.

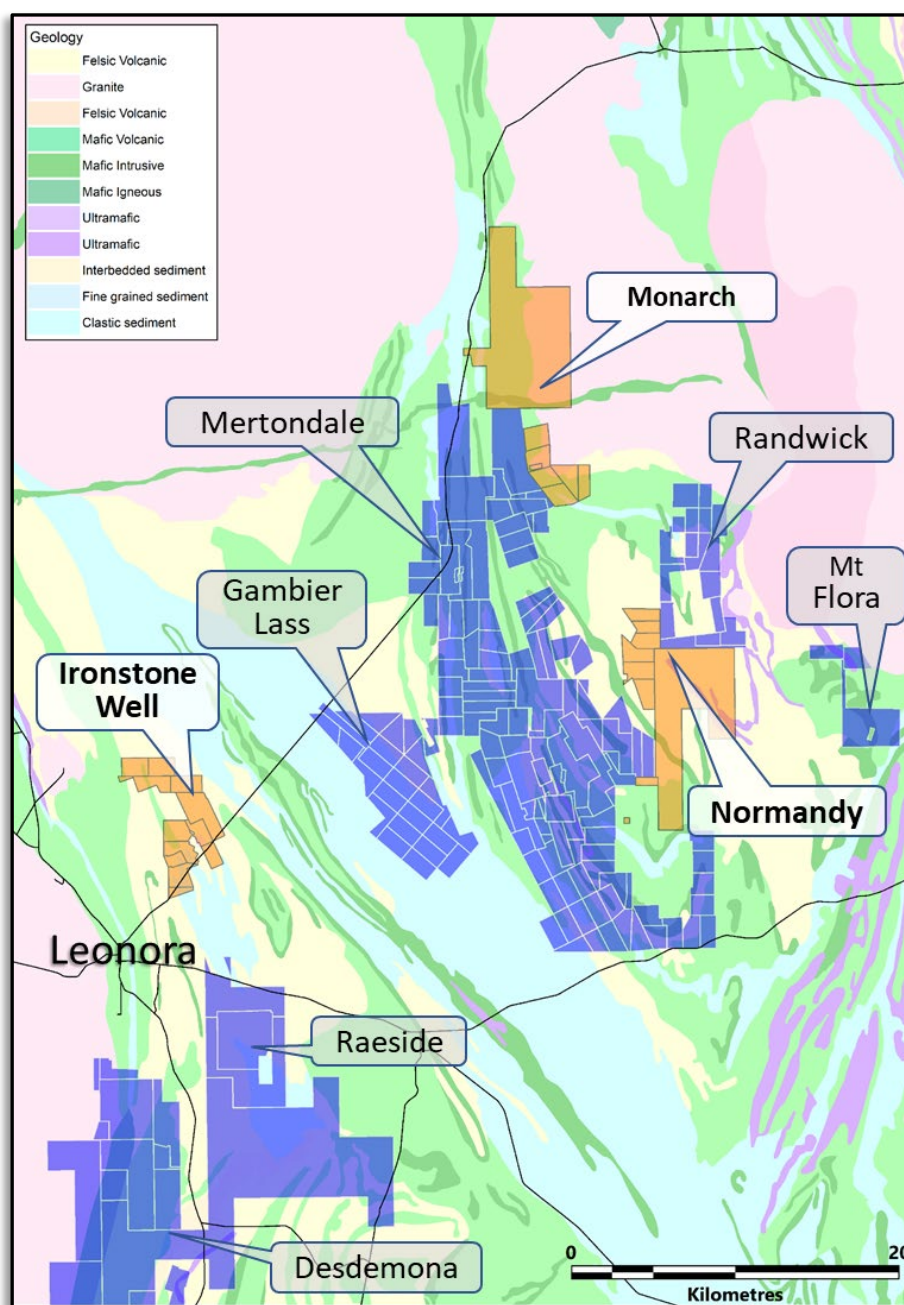


Figure 10: Regional map showing Kin’s tenure (Purple) and Golden Mile Resources’ Earn-in tenure (Orange).

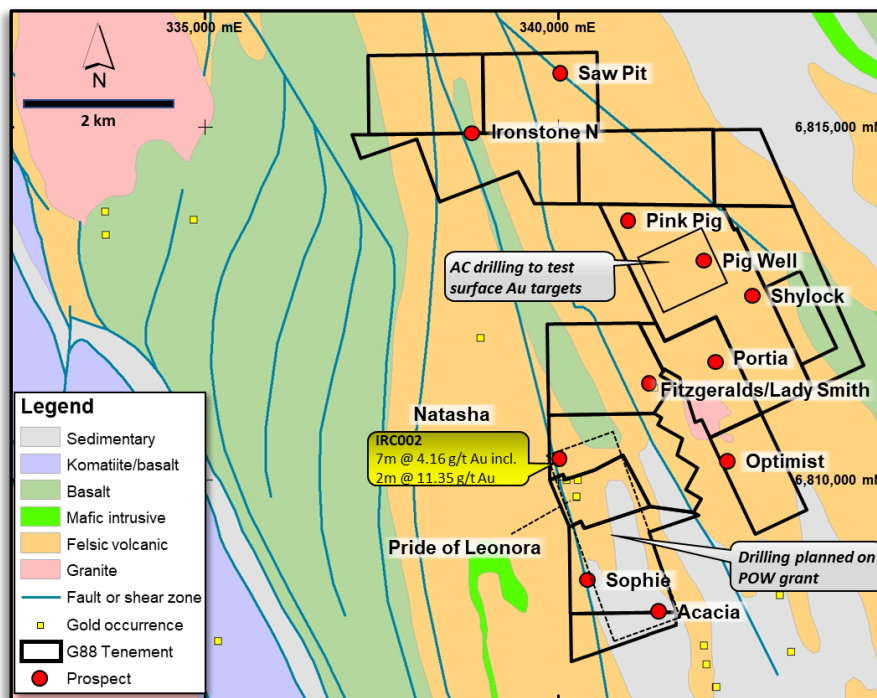
Under the terms of the agreement, Kin will have the right to earn an initial 60% interest in the Golden Mile Resources tenements, with the ability to increase to 80% ownership through a series of staged milestones. The Joint Venture will provide Kin with an additional 120km<sup>2</sup> of tenure, located along the same regional structural corridors that have already yielded significant targets and Mineral Resources for Kin (see Figure 10 and 11).

#### *Ironstone Well*

Ironstone Well has received relatively little modern exploration. The project covers prospects spanning 8km strike length and straddles the ground between the regionally important Emu Shear and Keith Kilkeny Fault. Golden Mile Resources recently added to its contiguous group of tenements in this area and completed a successful initial round of drilling in 2021.

The project contains numerous historical workings and prospects which will be systematically assessed. Recent exploration results include:

- 7m at 4.16g/t Au including 2m at 11.35g/t Au in IRC002 at the Natasha prospect



*Figure 11 – Ironstone Well project with historical workings*

#### *Monarch*

The Monarch Project covers a large area that has, until recently, seen little modern exploration. Golden Mile Resources recently completed a soil geochemical sampling program and initial drilling of the resulting targets. The project covers the eastern portion of the Mertondale Shear Zone and lies east of the ground held by Dacian Gold (formally owned by NTM Resources). Dacian Gold is developing the Hub and GTS deposits for treatment at its Mt Morgan's processing facility

#### *Normandy*

The Normandy Project is located along strike to the south of Kin's Randwick Project. It is an area where a large number of historical workings exist and little modern exploration has been conducted. A large drainage system associated with the Bummer Creek and Mertondale Creek catchments obscure the underlying geology and have prevented effective historical exploration and prospecting.

### *Farm-In and Joint Venture Terms*

The Farm-In terms are as follows:

- Stage 1:
  - Kin must incur expenditure of not less than \$250,000 (Minimum Expenditure) on the JV Area with 18 months of Commencement before it can withdraw from the agreement.
  - Kin may earn a 60% interest in the JV Area by incurring \$750,000 Exploration Expenditure (including the \$250,000 minimum expenditure requirement) on the JV Area within 36 months of Commencement.
  - Once Kin completes Stage 1 requirements, G88 may elect to form a Joint Venture with participating interests of 60% Kin and 40% G88, or grant Kin the right to elect to progress to Stage 2.
- Stage 2:
  - Kin may earn an 80% interest in the JV Area by incurring a further \$1,250,000 Exploration Expenditure on the JV Area within a further 36 months (in total \$2.0M expenditure over 72 months) of Commencement.
  - Once Kin completes Stage 2 requirements, G88 may elect to form a Joint Venture with participating interests of 80% Kin and 20% G88, or grant Kin the right to form a JV.
- Stage 3:
  - Standard terms and conditions for JV participation managed by Kin.
  - If a party elects to dilute and their interest falls to 10% then their interest reverts to a Net Smelter Royalty on gold production from the tenements.

### **Cash Position**

At the end of the December Quarter 2021, Kin had \$7.315 million cash on hand.

**-ENDS-**

**Authorised by the Board of Kin Mining NL**

**For further information, please contact:**

#### **Investor enquiries**

Andrew Munckton  
Managing Director, Kin Mining NL  
+61 8 9242 2227

#### **Media enquiries**

Nicholas Read  
Read Corporate  
+61 419 929 046

### **About Kin Mining NL**

Kin Mining NL (ASX: KIN) is a West Australian based gold development and exploration company. Kin's key focus is its 100% owned Cardinia Gold Project (CGP) located in the highly prospective North-Eastern Goldfields region of Western Australia. The CGP has a 1.275Moz gold Mineral Resource (see Table A1) defined in both oxide and deeper primary mineralisation with considerable potential to grow this resource with further drilling.

Kin's exploration effort is the systematic program of exploration across the Cardinia Mining Centre that seeks to advance a number of targets in parallel while developing a pipeline of exploration targets for ongoing Mineral Resource expansion.



**Table A1. Mineral Resource Estimate Table September 2021<sup>1</sup>**

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)	
Mertondale															
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	
Cardinia															
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	
Raeside															
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	
TOTAL			0.8	1.16	30	16.7	1.43	770	13.6	1.09	474	31.1	1.27	1275	

**Table A1: Mineral Resource Estimate Table September 2021.** Mineral Resources estimated by Jamie Logan and reported in accordance with JORC 2012 using a 0.4g/t Au cut-off within AUD2,600 optimisation shells. Note \* Hobby and Bruno-Lewis Mineral Resource Estimates completed by Cube Consulting, and also reported in accordance with JORC 2012 using a 0.4g/t Au cut-off within AUD2,600 optimisation shells. \*\*Cardinia Hill Mineral Resource Estimates completed by Cube Consulting, and also reported in accordance with JORC 2012 using a 0.4g/t Au cut-off within AUD2,600 optimisation shells for open pit resource, and using a 2.0g/t Au cut-off for material below the optimised open pit for an underground Mineral Resource Estimate.

<sup>1</sup>The company confirms that it is not aware of any new information or data that materially affects the information included in the ASX Announcement of 23 September 2021 "Gold resource for Cardinia Hill Deposit increases to 106k ounces", and that all material assumptions and technical parameters underpinning the estimates in that announcement continue to apply and have not materially changed.

## COMPETENT PERSON'S STATEMENT

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

**KIN MINING NL TENEMENT SCHEDULE**  
December Quarter 2021

**KIN EAST PTY LTD TENEMENT SCHEDULE**  
(a wholly owned subsidiary of Kin Mining NL)  
**TENEMENT INFORMATION AS REQUIRED BY LISTING RULE 5.3.3**

**MURRIN MURRIN**

50 kms East of Leonora

Tenement ID	Ownership at end of Quarter	Change During Quarter
M39/279	66.66%	
M39/1121	100%	
M39/1136	0%	
M39/1141	0%	
P39/5112	100%	
P39/5113	100%	
P39/5176	100%	
P39/5177	100%	
P39/5178	100%	
P39/5179	100%	
P39/5180	100%	
P39/5861	100%	
P39/5862	100%	
P39/5863	100%	
P39/5864	100%	

**MT FLORA**

50 kms East North East of Leonora

Tenement ID	Ownership at end of Quarter	Change During Quarter
M39/1118	100%	
P39/5859	100%	
P39/5860	100%	

**REDCASTLE**

65 kms South West of Laverton

Tenement ID	Ownership at end of Quarter	Change During Quarter
M39/1108	100%	
P39/6118	100%	

**RANDWICK**

45 kms North East of Leonora

Tenement ID	Ownership at end of Quarter	Change During Quarter
M37/1316	100%	
M37/1343	100%	
P37/8965	100%	
P37/8966	100%	
P37/8967	100%	
P37/8968	100%	
P37/8969	100%	
P37/8970	100%	
P37/8971	100%	
P37/8972	100%	
P37/8973	100%	
P37/9320	100%	
P37/9321	100%	
P37/9322	100%	
P37/9323	100%	
P37/9324	100%	
P37/9325	100%	

**KIN WEST WA PTY LTD TENEMENT SCHEDULE**  
(a wholly owned subsidiary of Kin Mining NL)  
**TENEMENT INFORMATION AS REQUIRED BY LISTING RULE 5.3.3**

**DESDEMONA**

20 kms South of Leonora Townsite

Tenement ID	Ownership at end of Quarter	Change During Quarter
E37/1152	100%	
E37/1156	100%	
E37/1201	100%	
E37/1203	100%	
E37/1315	100%	
E37/1326	100%	
E40/283	100%	
E40/323	100%	
E40/366	100%	
E40/369	100%	
M40/330	100%	
M40/346	100%	
P37/8350	0%	Surrendered 23/11/21
P37/8390	0%	Surrendered 23/11/21
P37/8500	100%	
P37/8504	100%	
P40/1464	100%	
P40/1540	0%	

**IRON KING / MT FOURACRE**

45 kms North North West of Leonora

Tenement ID	Ownership at end of Quarter	Change During Quarter
E37/1134	100%	
M37/1327	100%	
M37/1364	0%	
P37/8359	100%	
P37/8414	100%	
P37/8415	100%	
P37/8455	100%	
P37/8458	100%	
P37/8459	100%	
P37/8460	100%	
P37/8461	100%	
P37/8491	100%	

**PIG WELL**

25 kms East of Leonora Townsite

Tenement ID	Ownership at end of Quarter	Change During Quarter
P37/8948	100%	
P37/8949	100%	
P37/8950	100%	
P37/8951	100%	
P37/8952	100%	
P37/8953	100%	
P37/8954	100%	
P37/8955	100%	
P37/8956	100%	
P37/8957	100%	
P37/8958	100%	
P37/8959	100%	
P37/8960	100%	
P37/8961	100%	
P37/8962	100%	
P37/8963	100%	
P37/8964	100%	
P37/8974	100%	
P37/8975	100%	
P37/8976	100%	
P37/8977	100%	
P37/8978	100%	

**RAESIDE**

8 kms East of Leonora Townsite

Tenement ID	Ownership at end of Quarter	Change During Quarter
E37/1300	100%	



**NAVIGATOR MINING PTY LTD TENEMENT SCHEDULE**  
(a wholly owned subsidiary of Kin Mining NL)  
**TENEMENT INFORMATION AS REQUIRED BY LISTING RULE 5.3.3**

CARDINIA / MERTONDALE  
35 kms East & North East of Leonora Townsite

Tenement ID	Ownership at end of Quarter	Change During Quarter	Tenement ID	Ownership at end of Quarter	Change During Quarter
L37/106	100%		P37/8944	100%	
L37/127	100%		P37/8945	100%	
L37/128	100%		P37/8946	100%	
L37/195	100%		P37/8947	100%	
L37/196	100%		P37/8988	100%	
L37/226	100%		P37/8989	100%	
L37/232	100%		P37/8990	100%	
L37/241	100%		P37/8991	100%	
L37/242	100%		P37/8992	100%	
L37/243	100%		P37/8993	100%	
L37/244	100%		P37/8994	100%	
M37/81	100%		P37/8995	100%	
M37/82	100%		P37/8996	100%	
M37/86	100%		P37/8997	100%	
M37/88	100%		P37/8998	100%	
M37/223	100%		P37/8999	100%	
M37/227	100%		P37/9000	100%	
M37/231	100%		P37/9001	100%	
M37/232	100%		P37/9002	100%	
M37/233	100%		P37/9003	100%	
M37/277	100%		P37/9004	100%	
M37/299	100%		P37/9008	100%	
M37/300	100%		P37/9009	100%	
M37/316	100%		P37/9010	100%	
M37/317	100%		P37/9122	100%	
M37/422	100%		P37/9123	100%	
M37/428	100%		P37/9124	100%	
M37/487	100%		P37/9125	100%	
M37/594	100%		P37/9126	100%	
M37/646	100%	-	P37/9127	100%	
M37/720	100%		P37/9128	100%	
M37/1284	100%		P37/9129	100%	
M37/1303	100%		P37/9130	100%	
M37/1304	100%	-	P37/9131	100%	
M37/1315	100%		P37/9132	100%	
M37/1318	100%		P37/9133	100%	
M37/1319	100%		P37/9134	100%	
M37/1323	100%		P37/9135	100%	
M37/1325	100%		P37/9136	100%	
M37/1328	100%		P37/9137	100%	
M37/1329	0%		P37/9158	100%	
M37/1330	0%		P37/9166	100%	
M37/1331	100%		P37/9170	100%	
M37/1332	100%		P37/9171	100%	
M37/1333	100%		P37/9172	100%	
M37/1340	100%		P37/9173	100%	
M37/1342	100%		P37/9221	100%	
M37/1345	100%		P37/9222	100%	
M37/1358	0%		P37/9223	100%	
P37/8223	100%		P37/9224	100%	
P37/8536	100%		P37/9225	100%	
P37/8537	100%		P37/9226	100%	
P37/8538	100%		P37/9227	100%	
P37/8539	100%		P37/9228	100%	
P37/8540	100%		P37/9229	100%	
P37/8541	100%		P37/9230	100%	
P37/8542	100%		P37/9231	100%	
P37/8543	100%		P37/9232	100%	
P37/8737	100%		P37/9326	100%	
P37/8738	100%		P37/9327	100%	
P37/8739	100%		P37/9328	100%	

**NAVIGATOR MINING PTY LTD TENEMENT SCHEDULE**  
(a wholly owned subsidiary of Kin Mining NL)  
**TENEMENT INFORMATION AS REQUIRED BY LISTING RULE 5.3.3**

CARDINIA / MERTONDALE  
35 kms East & North East of Leonora Townsite

Tenement ID	Ownership at end of Quarter	Change During Quarter
P37/8740	100%	
P37/8741	100%	
P37/8742	100%	
P37/8743	100%	
P37/8744	100%	
P37/8795	100%	
P37/8938	100%	
P37/8939	100%	
P37/8940	100%	
P37/8941	100%	
P37/8942	100%	
P37/8943	100%	

Tenement ID	Ownership at end of Quarter	Change During Quarter
P37/9509	100%	Granted 10/11/21
P37/9510	100%	Granted 10/11/21
P37/9511	100%	Granted 10/11/21
P37/9541	0%	

**RAESIDE**

8 kms East of Leonora Townsite

Tenement ID	Ownership at end of Quarter	Change During Quarter
L37/77	100%	
L37/125	100%	
M37/1298	100%	
E37/1402	100%	