

**ASX: VAN**



**Developing a major Australian Gold Project**

# **Marymia Gold Project Western Australia**

**Investor Presentation**

**JUNE  
2022**

# Disclaimer and Important Information



## Disclaimer

- This presentation has been prepared by Vango Mining Limited (“Company” or “Vango”) to provide summary information about Vango and its activities as at the date of this presentation. The information contained in this presentation does not purport to be complete, and it should be read in conjunction with Vango’s other periodic and continuous disclosure announcements lodged with the Australian Securities Exchange, which are available at [www.asx.com.au](http://www.asx.com.au). This presentation contains forecasts and forward-looking statements which are not a guarantee of future performance and which involve certain risks. Actual results and future outcomes may differ from those outlined herein. The presentation should not be construed as an offer or invitation to subscribe for or purchase securities in Vango.
- Forward-looking statements are statements that are not historical facts. Words such as “expect(s)”, “feel(s)”, “believe(s)”, “will”, “may”, “anticipate(s)” and similar expressions are intended to identify forward-looking statements. These statements include, but are not limited to statements regarding future production, resources or reserves and exploration results. All such statements are subject to certain risks and uncertainties, many of which are difficult to predict and generally beyond the control of the Company, that could cause actual results to differ materially from those expressed in, or implied or projected by, the forward-looking information and statements. These risks and uncertainties include, but are not limited to: (i) those relating to the interpretation of drill results, the geology, grade and continuity of mineral deposits and conclusions of economic evaluations, (ii) risks relating to possible variations in reserves, grade, planned mining dilution and ore loss, or recovery rates and changes in project parameters as plans continue to be refined, (iii) the potential for delays in exploration or development activities or the completion of feasibility studies, (iv) risks related to commodity price and exchange rate fluctuations, (v) risks related to failure to obtain adequate financing on a timely basis and on acceptable terms or delays in obtaining governmental approvals or in the completion of development or construction activities, and (vi) other risks and uncertainties related to the Company’s prospects, properties and business strategy. Our audience is cautioned not to place undue reliance on any forward-looking statements that speak only as of the date hereof, and other than as required by law the ASX listing rules. Vango does not undertake any obligation to revise and disseminate forward-looking statements to reflect events or circumstances after the date hereof, or to reflect the occurrence of or non-occurrence of any events.
- Neither the Company, its related bodies corporate nor any of their directors, officers, employees, agents or contractors make any representation or warranty (either express or implied) as to the accuracy, correctness, adequacy, reliability or likelihood of fulfilment of any forward-looking statement, or any events or results expressed or implied in any forward-looking statement, except to the extent required by law.

## Competent Person’s Statements

- The information in this report that relates to exploration results has been reviewed, compiled and fairly represented by Mr David Jenkins, a Member of the Australian Institute of Geologists and a full time employee of Terra Search Pty Ltd. Mr Jenkins has sufficient experience, including over 28 years’ experience in exploration and resource evaluation relevant to the style of mineralisation and type of deposits under consideration to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (“JORC”) Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves. Mr Jenkins consents to the inclusion in this report of the matters based on this information in the form and context in which it appears.
- The Statement of Mineral Resource Estimates has been compiled by Dr. Spero Carras who is a full-time employee of Carras Mining Pty Ltd and a Fellow of the Australian Institute of Mining and Metallurgy (“FAusIMM”). Dr. Carras has sufficient experience relevant to the style of mineralisation and type of deposits under consideration to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves Committee (“JORC”) Australasian Code for Reporting of Exploration Results, Minerals Resources and Ore Reserves. Dr. Carras consents to the inclusion in this report of the matters based on this information in the form and context in which it appears. Dr. Carras has over 40 years experience in gold mine evaluation.
- Information in this announcement is extracted from reports lodged as market announcements available on the Company’s website <https://vangomining.com/>. The Company confirms that it is not aware of any new information that materially affects the information included in the original market announcements and that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Persons’ findings are presented have not been materially modified from the original market announcements.

# Who is Vango Mining



Vango Mining is a **gold exploration and development company** focused on exploring and developing the **Company's key asset, the 100% owned Marymia Gold Project in the Mid-West region of Western Australia.**

In the near-term, the Company is focused on **expanding its high-grade resource base** to support **plans to become a significant gold mining and production company – Resource upgrade planned.**

Vango also has a **Farm-in, Joint Venture Agreement with Lodestar Minerals (ASX: LSR)** for the nearby Ned's Creek Project, confirming **Vango's dominant ground position in the world-class Marymia Gold Belt.**



# Corporate Overview



## CORPORATE SNAPSHOT

TICKER <b>ASX:VAN</b>	SHARES ON ISSUE <b>1,260 M</b>	12 MONTH SHARE PRICE RANGE <b>7.5c – 2.8c</b>	MARKET CAPITALISATION <b>~A\$62.9 M</b> @ \$0.048	CASH <b>~A\$0.3 M*</b> @ 31 March 2022
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\* Doesn't include \$10m funding package (ASX announcement, 1 April 2022)

## BOARD OF DIRECTORS

Bruce McInnes	Executive Chairman
Sean Zhou	Deputy Chairman
Dr Carol Zhang	Non-Executive Director
Hunter Guo	Non-Executive Director
Craig Wallace	Non-Executive Director

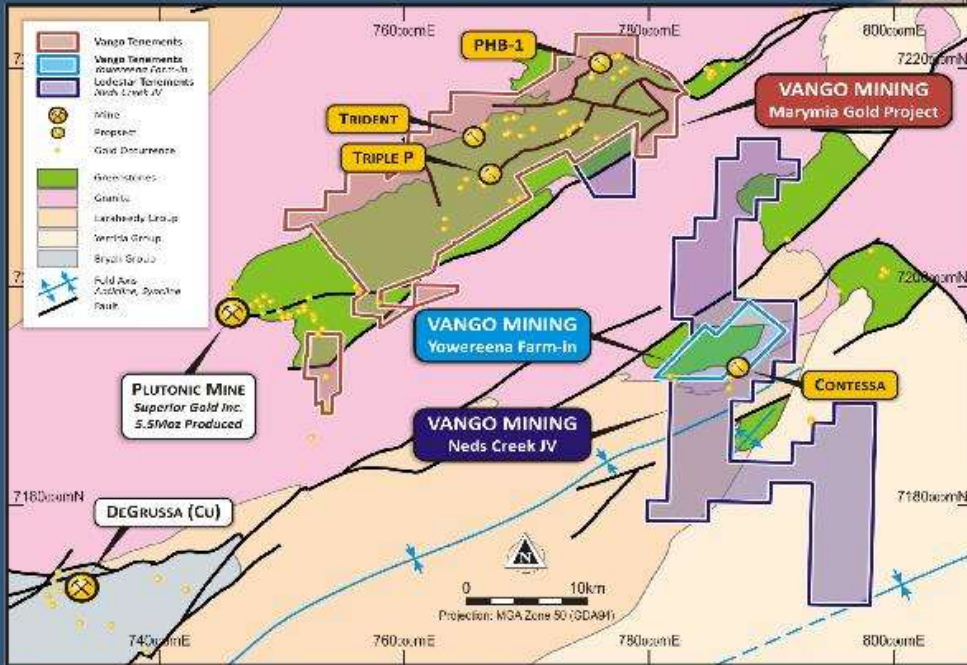
## TWELVE MONTH SHARE PRICE GRAPH



## SHAREHOLDER DETAILS

Directors	38.9%
Top 20 Holds	71.3%

# Major Project in WA's World-Class Goldfields

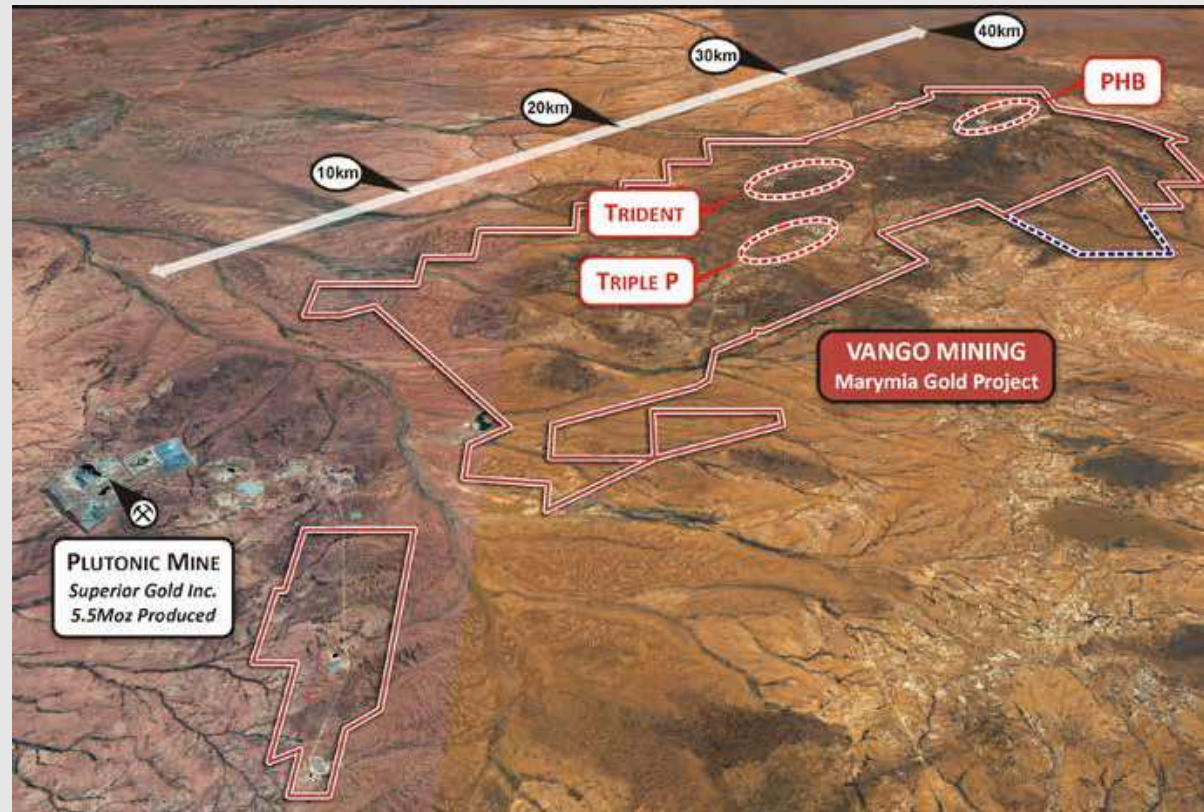


INDIAN  
OCEAN



# About the Marymia Gold Project

- **Dominant ground position in world-class Marymia Gold Belt** - extending from >5.5Moz Plutonic Gold Mine<sup>1</sup>
- Project sits on **45 granted Mining Leases** which are **all pre-native title with >40km in strike length**
- 1Moz high-grade resource and growing - **1.02Mt @ 3.0 g/t Au<sup>2</sup> includes:**
  - Underground: 541,000oz @ 7.9g/t Au
  - Open pit: 461,000oz @ 1.7g/t Au
- **Extensive open-pit focused resource expansion drilling campaign partially completed** designed to deliver resource upgrade
- Exploration to date has targeted just 3 key gold corridors of 6 identified corridors – **major exploration upside within Project area**
- **Vango aims to develop the Marymia Project into a significant gold mining operation**



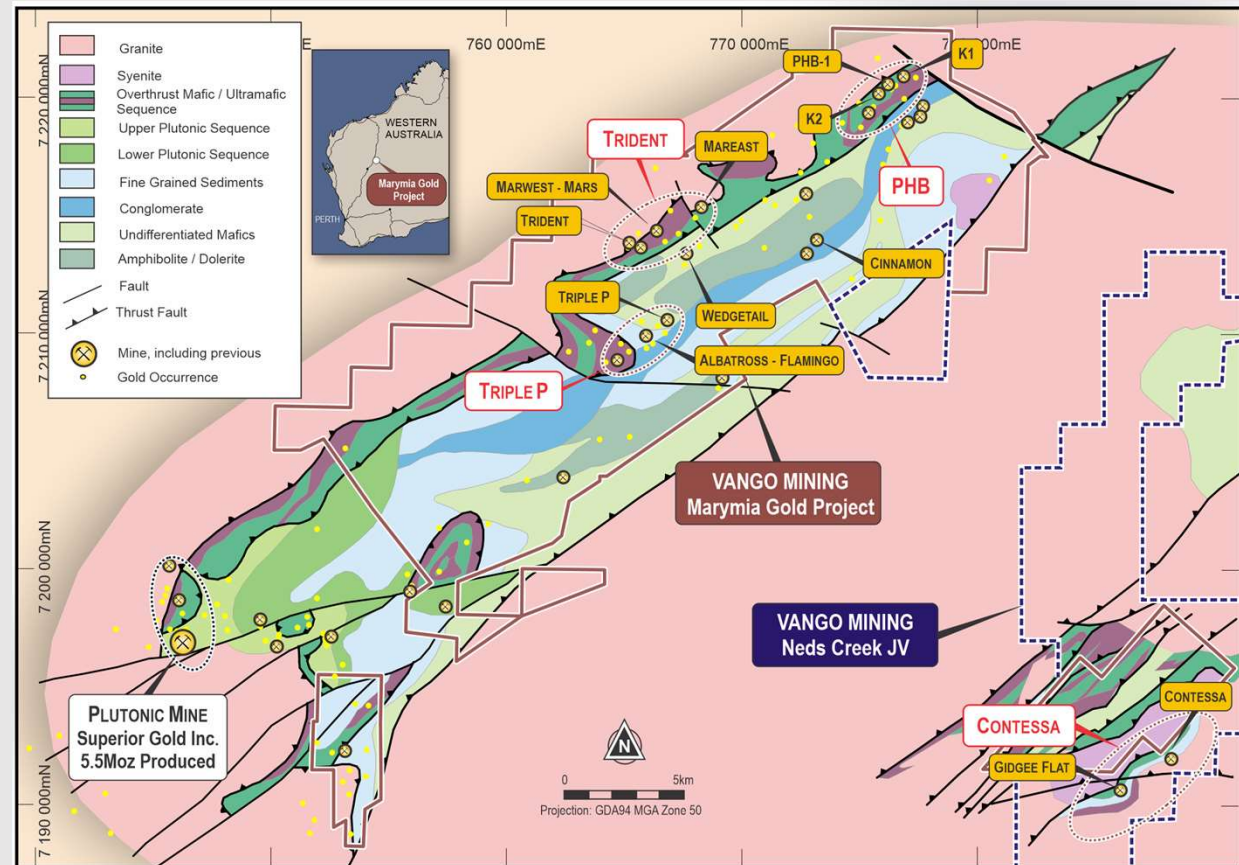
Outline of Marymia Gold Project area showing the >40km strike length and the >5.5Moz Plutonic Gold Mine immediately to the south

<sup>1</sup> Superior Gold Inc., TSX-V:SGI, Corporate Website [www.superior-gold.com](http://www.superior-gold.com)  
<sup>2</sup> VAN ASX 19/05/20 Marymia Mineral Resource Increases to 1Moz

# Marymia Project – 1Moz and Growing

## Marymia: a major brownfields gold project in world class gold belt

- 1Moz JORC 2012 Mineral Resource confirmed May 2020: **10.38Mt @ 3.0 g/t Au for 1.02Moz Gold<sup>1</sup>**
- **2020: 20,000m RC and diamond drilling drill campaign** - focused on priority targets at the 'crown-jewels' Trident gold corridor and PHB gold corridor at Marymia
- **H2, 2021: Major open-pit focused Resource expansion drilling campaign completed** – designed to add near-surface resources to the Marymia Resource
- **Results from 2020 and 2021 drilling programs to be included in Resource upgrade planned to be completed by end of Q2, 2022**
- **Next phase of drilling planned to commence July 2022**



Marymia Gold Project location map showing the 3 key gold corridors and other targets, plus the nearby Ned's Creek JV Project

<sup>1</sup> VAN ASX 19/05/20 Marymia Mineral Resource Increases to 1Moz

# Marymia's 3 Key Gold Corridors

**Vango's exploration to date has targeted only 3 of 6 identified gold corridors**

- Trident – the 'Crown Jewells'
- PHB
- Triple P

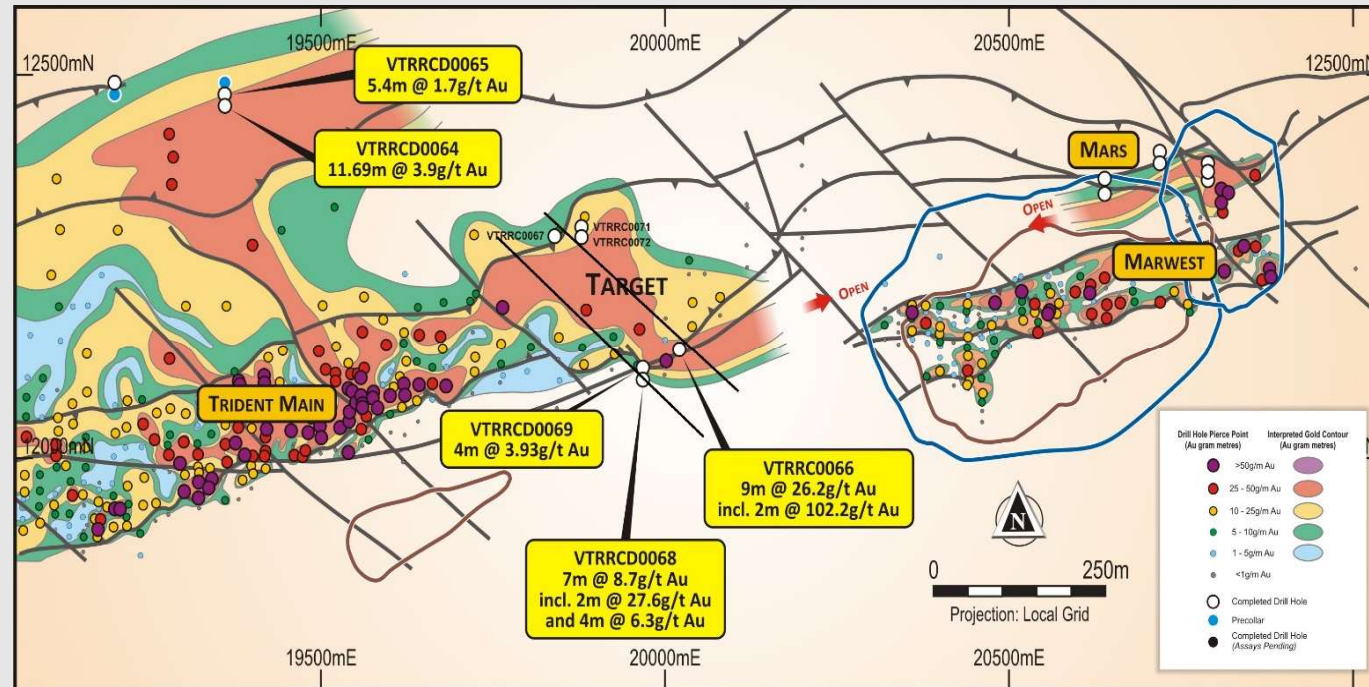
Highlights major exploration upside potential within project area





# Trident Gold Corridor – The Crown Jewels

- 28 RC holes for 6,622m and 7 Diamond holes for 1781.8m completed at Trident in 2020
- Drilling successfully **extended dip and strike extent of mineralisation outside existing Resource** - 410,000 @ 8g/t Au<sup>1</sup>
- Trident extension drilling **significantly extended gold mineralised zone** to the north-east by ~250m towards the Marwest Deposit.
- Potential for **Trident and Marwest to form one large high-grade gold system** with a strike length of at least 3km
- Drilling for depth extensions extended down dip extent of mineralisation by 200m - thick, high-grade zones with **potential to add further significant resources to the Trident resource**



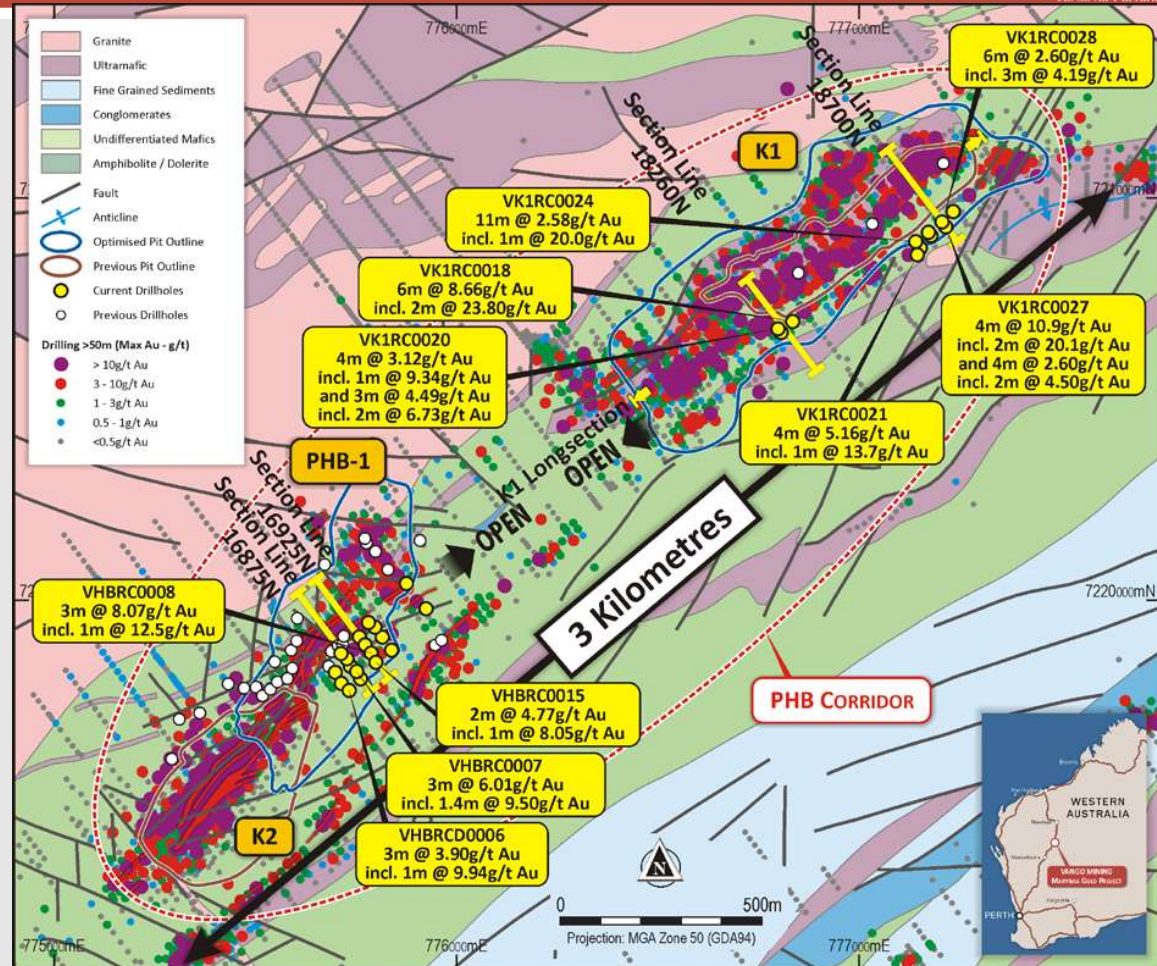
Selected drill results from drilling at Trident Gold Corridor at Marymia Gold Project – showing Marwest target to the north-east<sup>2</sup>

<sup>1</sup> VAN ASX 19/05/20 Marymia Mineral Resource Increases to 1Moz

<sup>2</sup> VAN ASX 24/03/21 Marymia Exceptional Gold Results and Project Update

# PHB Gold Corridor

- Drilling also completed at the PHB gold corridor in 2020 field season
- 23 RC holes for 5,751m and 6 Diamond holes for 1,412.8m** completed
- PHB drilling **successfully targeted high-grade extensions of the three key lode structures** – the Main, Central and West Loads
- Drilling at the PHB corridor also delivered a **new, high-grade lode discovery** below the K1 open pit, northeast of PHB-1



<sup>1</sup> VAN ASX 25/11/20 AGM 2020 Presentation – Developing a Major Australian Gold Project

Selected drill results from drilling at PHB Gold Corridor at Marymia Gold Project <sup>1</sup>

# Sample of Highlight Results: Trident, PHB and Triple P Gold Corridors



## Trident Corridor

- **9m @ 26.2 g/t Au from 137m** incl. 2m @ 102.2 g/t Au from 139m in VTRRC0066<sup>1</sup>
- **7m @ 8.7 g/t Au from 110m** incl. 2m @ 27.6 g/t Au from 110m and 1m @ 17.4 g/t Au from 114m in VTRRC0068<sup>16</sup>
- **7.15m @ 17.1 g/t from 193.85m** in hole VTRDD0003 incl. 3.6m @ 24.4 g/t Au<sup>15</sup>
- **11m @ 20.2 g/t from 161m** in hole VTRRCD0001 incl. 2m @ 93 g/t Au<sup>14</sup>

## PHB Corridor

- **7m @ 103.6 g/t Au from 48m** incl. 3m @ 240 g/t Au and including 1m @ 691 g/t Au<sup>5</sup>
- **3m @ 19.7 g/t Au from 126m** and 8m @ 4.17 g/t Au from 110m, incl. 3m @ 8.69 g/t Au, in VK2RC0009<sup>4</sup>
- **15m @ 6.51 g/t Au from 118m** incl. 5m @ 12.5 g/t Au, in VK2RC0010a<sup>4</sup>
- **6m @ 8.66 g/t Au** incl. 2m @ 23.8 g/t Au from 128m in VK1RC0018<sup>3</sup>

## Triple P Corridor

- **4m @ 23.0 g/t from 109m** incl. 1m @ 85.0 g/t Au in VPPPRC0008<sup>8</sup>
- **4m @ 9.48 g/t Au from 177m** incl. 1m @ 25.0 g/t Au in VPPPRC0005<sup>8</sup>
- **4m @ 6.38 g/t Au from 164m** incl. 2m @ 10.9 g/t Au in VPPPRC0004<sup>8</sup>
- **4m @ 50.6 g/t Au from 81m** incl. 2m @ 99.1 g/t Au including 1m @ 182 g/t Au in VAFRC0001<sup>7</sup>

**Further high-grade intersections are included in the presentation Appendix**

<sup>1</sup> VAN ASX, 06/01/21 Bonanza Gold Zone Identified 250m from Trident Resource

<sup>3</sup> VAN ASX, 24/09/20 High-Grade Lode Discovery in PHB Corridor at Marymia

<sup>4</sup> VAN ASX, 23/03/20 High-Grade Drilling Success at Marymia Gold Project

<sup>5</sup> VAN ASX, 03/03/20 Exceptional Intersections from New Lode Discovery at Marymia

<sup>7</sup> VAN ASX, 02/01/20 Bonanza Gold Intersections from New Zone at Marymia

<sup>8</sup> VAN ASX, 05/08/19 New Very High-Grade Gold Zone Discovered at Marymia Project

<sup>14</sup> VAN ASX, 17/07/17 Further High-Grade Gold Intersections at Plutonic Dome

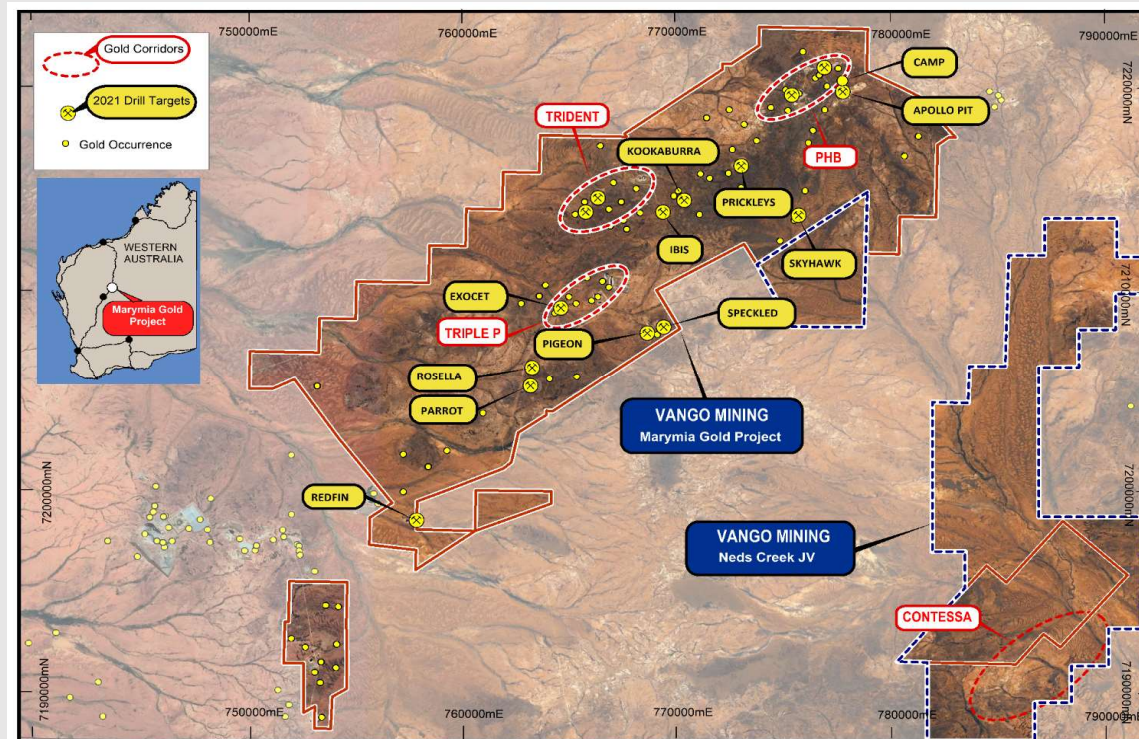
<sup>15</sup> VAN ASX, 29/06/17 High Grade Gold Intersections from Drilling at Plutonic Dome

<sup>16</sup> VAN ASX, 18/02/21 High-Grade Gold Extensions at Trident

# Major Resource Expansion Drilling Campaign

**Completed H2, 2021: Designed to add significant, near-surface resources amenable to open pit mining**

- **Major open-pit focused resource expansion drilling campaign commenced July 2021**
- **Drilling completed:** 8,914 metres of RC drilling across 56 holes at 11 targeted open-pits
- **Targeted open-pits not part of the existing Marymia resource** - targets ranked in order of priority based on historic gold inventory and review of historic drilling
- **11 open pits;** Skyhawk, Parrot, Apollo, Prickleys, Ibis, Exocet, Rosella, Pigeon, Kookaburra, Redfin and Speckled
- **Drilling was also designed to;**
  - Enhance understanding of mineralised zones within the targeted open pits – to assist with mine planning
  - Deliver 'critical mass' of resources to increase proposed mine life of a potential future mining operation at Marymia
- **2nd phase drilling also completed at selected targets** - testing for further extensions of gold mineralisation to potentially add to the resource base



11 open pit drill targets drilled in 2021 field season at Marymia Project

# Resource Expansion Drilling Campaign

- The Marymia open-pits were previously mined at a time of depressed gold prices, presenting an opportunity for Vango's open-pit focused drilling to add substantial mineable resources.
- There are significant historic gold intersections below the open-pits and Vango's drilling is testing for extensions to these resources and for repeating structures at depth.



*Vango completed 8,914m of RC drilling across 11 open-pits in its 2021 field season at the Marymia Project*

# Resource Expansion Drilling Campaign - Results



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- ✓ **Multiple high-grade intersections** returned - reaffirm and **strengthen the Project's significant open-pit potential**
- ✓ Demonstrated the **continuation of significant zones of near-surface gold mineralisation** across the targeted open-pits
- ✓ **Identified previously un-mined high-grade mineralisation below the open pits** and **confirmed continuity of mineralised structures below the open-pits** – open pits were previously mined to only shallow depths at a time of low gold prices
- ✓ Confirmed **continuation of mineralised zones from substantial historical drilling** at the Marymia open-pits.

**Historic drilling also returned many high-grade gold intersections at the open-pits – the historical results will be included in planned resource upgrade for the first time**

## ROSELLA Open-Pit<sup>1</sup>

1m at 4.0 g/t Au from 54m in VRORC0001

3m at 10.0 g/t Au from 80m in VRORC0001 incl 1m @ 27.0 g/t Au from 80m

3m at 2.6 g/t Au from 101m in VRORC0003 incl 1m @ 6.7 g/t Au from 102m

11m at 4 g/t Au from 83m in VRORC0004 incl 6m at 6.6 g/t Au from 85m

## PIGEON Open-Pit<sup>2</sup>

9m at 3 g/t Au from 111m in VPIRC0004 incl 3m at 7.9 g/t Au from 114m

12m at 1 g/t Au from 121m in VPIRC0003

3m @ 3.2 g/t Au from 133m in VPIRC0005 incl 1m @ 8.31 g/t Au from 134m

1m @ 2.5 g/t Au from 159m in VPIRC0005 (repeat of 8.84 g/t Au)

2m @ 4.9 g/t Au from 166m in VPIRC0005 incl 1m @ 8.7 g/t from 166m

## SKYHAWK Opne-Pit<sup>3</sup>

16m @ 4.4 g/t Au, from 54m in VSKRC0007, including 6m @ 8.2 g/t Au

1m @ 12.1 g/t Au from 55m in VSKRC0003

6m @ 1.9 g/t Au from 21m in VSKRC0004 incl 1m @ 6.4 g/t Au

3m @ 2.5 g/t Au from 59m in VSKRC0006 incl 1m @ 6.1 g/t Au

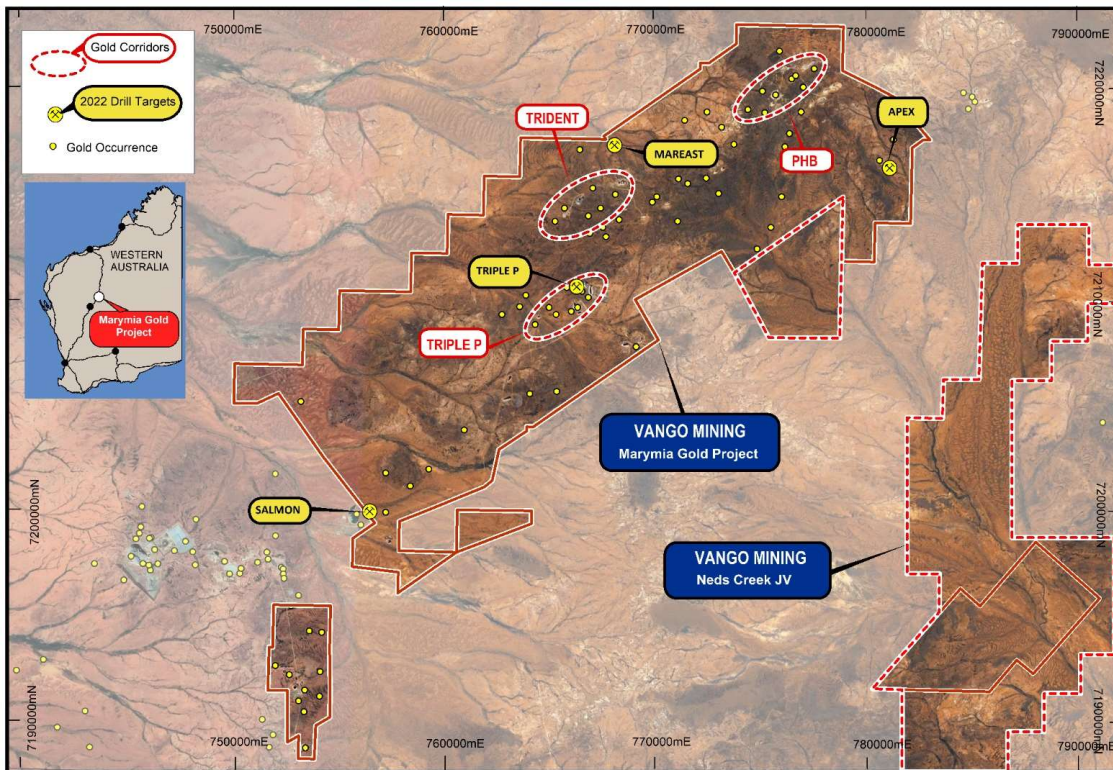
<sup>1</sup> VAN ASX 03/12/21 Drilling Confirms Rosella Mineralisation Extension at Depth

<sup>2</sup> VAN ASX 19/01/22 Vango Intercepts Additional High Grade Gold

<sup>3</sup> VAN ASX 21/09/21 Wide High-Grade Gold Intercepts at Skyhawk

# Next Phase of Drilling

## Targeted drilling designed to test depth and strike extensions at 4 priority targets



Marymia Gold Project location map showing the four target areas for next phase of drilling, to commence July 2022

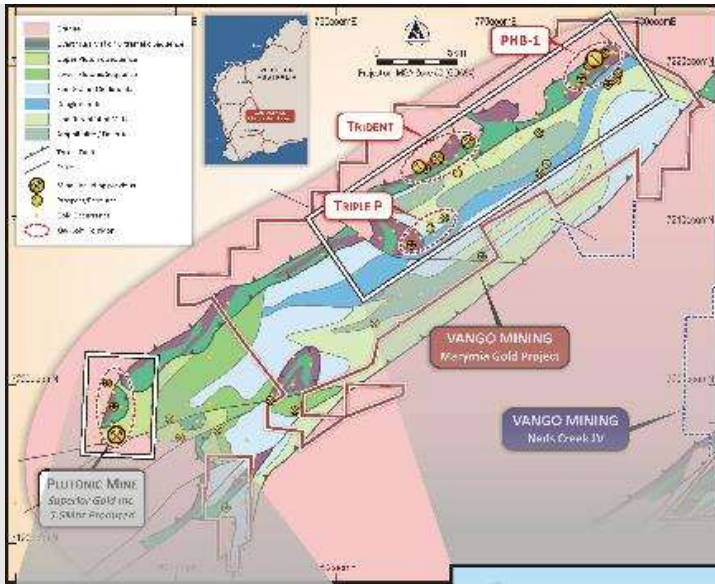
- **Next phase of drilling** at Marymia Gold Project planned to commence in July 2022<sup>1</sup>
- Drilling will **target extensions to gold mineralisation along strike and at depth at 4 priority targets** - Triple P, Mareast, Apex and the Salmon area
- Drilling will also seek to potentially **add further ounces to the Marymia Resource**
- Program is planned to **consist of an initial 5,140m of RC drilling in 25 holes:**
  - Triple P: 2,500m in 9 holes
  - Mareast: 800m in 8 holes
  - Apex: 640m in 4 holes
  - Salmon area: 1,200m in 4 holes
- Results to be progressively released when available

<sup>1</sup> VAN ASX 09/06/22 Vango to commence next phase of drilling at Marymia Project

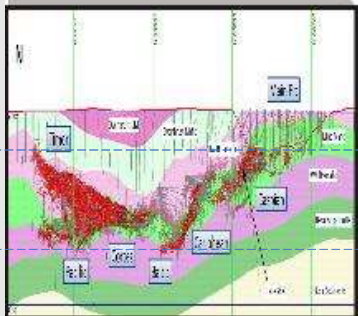




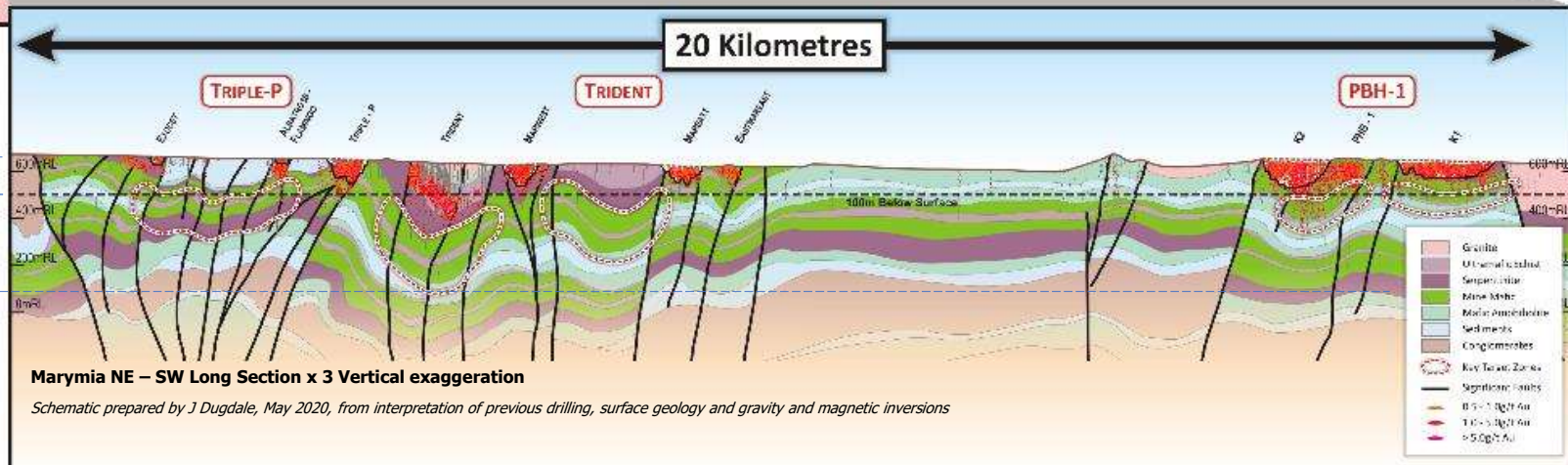
# Marymia Gold Project – Untested Potential



- To date exploration focused on only three key gold corridors over 20km strike with deeper Plutonic<sup>1</sup> look-a-like targets identified
- Plutonic Gold Mine mined/drilled to >600m for >5.5Moz produced to date<sup>1</sup>
- Marymia Project has extensive drilling and geological data base – project largely untested >100m depth
- Major upside potential at depth, and at other untested corridors within project area
- Drilling in current field season targeting open pits to deliver substantial additional near-surface ounces to existing Resource
- Further resource potential from nearby Ned’s Creek Farm-in JV Project



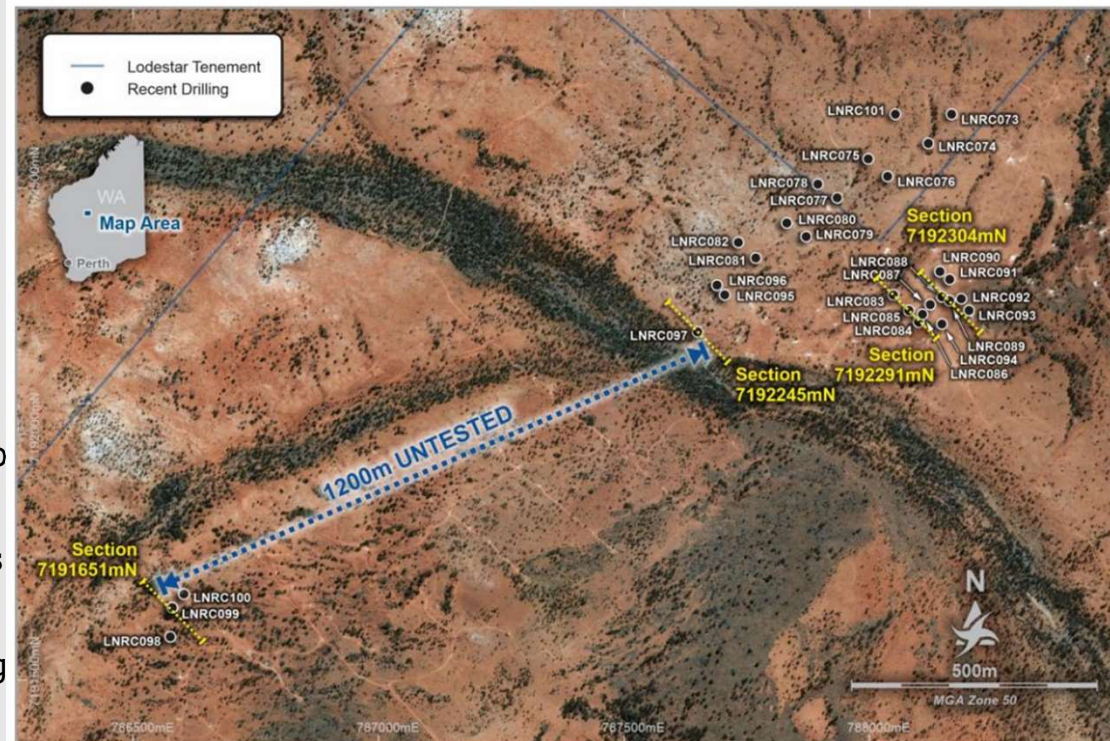
**Plutonic N – S Section (>5.5Moz produced<sup>1</sup>)**  
<sup>1</sup> Superior Gold Inc. Website <https://www.superior-gold.com/>



**Marymia NE – SW Long Section x 3 Vertical exaggeration**  
*Schematic prepared by J Dugdale, May 2020, from interpretation of previous drilling, surface geology and gravity and magnetic inversions*

# Ned's Creek Farm-in Joint Venture Project

- **Farm-In and JV** with Lodestar Minerals (ASX: LSR) at **Ned's Creek Project - Vango to earn a 51% interest** by expending \$5m on exploration over 3yrs from 2019<sup>1</sup>
- Latest phase of **drilling confirmed extensive gold anomalies and mineralisation** on southern margin of Contessa granite in areas of minimal previous drilling<sup>2</sup>
- **All holes intersected strong hydrothermal alteration** characterised by silica-pyrite alteration with elevated Bi, Mo, Pb and W
- Holes LNRC095 and LNRC097 separated by 1200m with no drilling (below the base of oxidation) between the two areas
- 1m rig split samples **confirm wide intervals of anomalous gold**
  - LNRC099: 44m at >0.1g/t gold from 98m, including 10m at 0.86g/t Au from 131m at Central Park target
  - LNRC097: 17m at 0.7g/t Au from 122m, including 9m at 0.86g/t Au from 122m at Contessa target
- **Next steps:** RC drilling over the 1200m gap between Contessa and Central Park. A discrete magnetic anomaly adjacent to the contact presents a specific target within this planned drilling



Drill hole locations in latest drilling at Ned's Creek, showing the 1200m untested area between Contessa and Central Park

<sup>1</sup> VAN ASX 01/05/2019 and 17/07/2019  
<sup>2</sup> LSR ASX 01/06/2022

# Next Steps

- **Marymia Project Resource upgrade – by end Q2, 2022**
- **Marymia Next phase of drilling – commence July 2022**
- **Results – to be progressively released when available**
- **Next phase of exploration and results at Ned’s Creek Farm-in JV Project - 2022**
- **Marymia Project Mine Planning – ongoing in parallel**
- **Marymia Project Permitting/Approvals – ongoing in parallel**



# Thank you



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Vision for the future

# Appendix 1: JORC 2012 Mineral Resource<sup>1</sup>

## MARYMIA GOLD PROJECT JORC 2012 MINERAL RESOURCE ESTIMATE MAY 2020

Deposit	Cut-off	Oxide			Transition			Fresh			Indicated			Inferred			Total			
		Au g/t	K Tonnes	g/t Au	K Oz	K Tonnes	g/t Au	K Oz	K Tonnes	g/t Au	K Oz	K Tonnes	g/t Au	K Oz	K Tonnes	g/t Au	K Oz	K Tonnes	g/t Au	K Oz
<b>Mineral Resource - Open Pit (OP):</b>																				
Trident West OP	0.5	12	1.2	0.5	189	1.0	6.2	51	1.2	2.0	253	1.1	9				253	1.1	9	
Marwest & Mars OP	0.5	10	2.1	0.7	162	2.0	10.6	515	2.0	33.2	688	2.0	45				688	2.0	45	
Mareast OP	0.5	10	1.5	0.5	451	1.9	27.9	25	2.2	1.7	486	1.9	30				486	1.9	30	
EastMareast OP	0.5	224	1.1	8.0	13	0.9	0.4				237	1.1	8				237	1.1	8	
Wedgetail OP	0.5	154	1.7	8.3	31	1.7	1.7				185	1.7	10				185	1.7	10	
PHB-1 (K3) OP	0.5	287	1.5	14.1	392	1.9	23.7	162	2.4	12.4	604	2.0	39	238	1.4	11	841	1.9	50	
K1 OP	0.5	350	1.5	17.0	780	1.6	41.1	450	2.1	31.0	743	1.8	42	837	1.7	47	1,580	1.8	89	
Triple-P & Triple-P Sth OP	0.5	189	1.2	7.4	293	1.5	13.7	637	2.1	42.3	633	2.1	42	486	1.4	21	1,120	1.8	63	
Albatross & Flamingo OP	0.5	606	1.3	24.8	239	1.7	13.0	8	1.7	0.4				853	1.4	38	853	1.4	38	
Cinnamon OP	0.5	513	1.6	26.9	470	1.8	26.7	1,025	2.0	65.1	1,472	1.8	86	536	1.9	32	2,008	1.8	119	
<b>Total Open Pits</b>		<b>2,354</b>	<b>1.4</b>	<b>108</b>	<b>3,021</b>	<b>1.7</b>	<b>165</b>	<b>2,875</b>	<b>2.0</b>	<b>188</b>	<b>5,300</b>	<b>1.8</b>	<b>311</b>	<b>2,950</b>	<b>1.6</b>	<b>150</b>	<b>8,250</b>	<b>1.7</b>	<b>461</b>	
<b>Mineral Resource - Underground (UG):</b>																				
Trident UG	3.0							1,590	8.0	410	945	9.4	285	645	6.0	125	1,590	8.0	410	
K2 UG	3.0							374	8.9	107	197	10.6	67	177	7.0	40	374	8.9	107	
Triple-P & Zone-B UG	3.0							170	4.3	24				170	4.3	24	170	4.3	24	
<b>Total Underground</b>								<b>2,134</b>	<b>7.9</b>	<b>541</b>	<b>1,142</b>	<b>9.6</b>	<b>352</b>	<b>992</b>	<b>5.9</b>	<b>189</b>	<b>2,134</b>	<b>7.9</b>	<b>541</b>	
<b>Total JORC 2012 Mineral Resource</b>		<b>2,354</b>	<b>1.4</b>	<b>108</b>	<b>3,021</b>	<b>1.7</b>	<b>165</b>	<b>5,009</b>	<b>4.5</b>	<b>729</b>	<b>6,442</b>	<b>3.2</b>	<b>663</b>	<b>3,942</b>	<b>2.7</b>	<b>339</b>	<b>10,384</b>	<b>3.0</b>	<b>1,002</b>	

<sup>1</sup> VAN ASX 19/05/20 Marymia Mineral Resource Increases to One Million Ounces

1. Mineral Resources reported in accordance with the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (Joint Ore Reserves Committee Code – JORC 2012 Edition).
2. Open pit resources reported within optimised conceptual pit shells at A\$2,500/oz gold price above a 0.5 g/t Au cut off and include oxide, transition and fresh material.
3. Trident underground resources are retained as first reported 18 April 2019, above a 3.0 g/t Au cut-off grade, and modelled at a gold price of A\$2,000/oz, on the basis that the information has not materially changed since last reported. Other underground resources reported above a 3.0 g/t Au cut off (with minor 2.5 g/t Au cut-off material included for continuity purposes) and includes fresh material only.
4. Totals may differ due to rounding, Mineral Resources reported on a dry in-situ basis.

# Highlight Drilling Results: Trident, PHB and Triple P Gold Corridors



## Trident Corridor

- **9m @ 26.2 g/t Au from 137m** incl. 2m @ 102.2 g/t Au from 139m in VTRRC0066<sup>1</sup>
- **7m @ 8.7 g/t Au from 110m** incl. 2m @ 27.6 g/t Au from 110m and 1m @ 17.4 g/t Au from 114m in VTRRC0068<sup>16</sup>
- **7.15m @ 17.1 g/t from 193.85m** in hole VTRDD0003 incl. 3.6m @ 24.4 g/t Au<sup>15</sup>
- **11m @ 20.2 g/t from 161m** in hole VTRRCD0001 incl. 2m @ 93 g/t Au<sup>14</sup>
- **6m @ 15.4 g/t from 198m** incl. 4m @ 22.5 g/t Au in hole VTRRCD0007<sup>13</sup>
- **7m @ 18.2 g/t from 218m** incl. 2.02m @ 44.0g/t Au in hole VTRRCD0013<sup>12</sup>
- **11.48m @ 11.5 g/t Au from 159m** incl. 4m @ 26.1 g/t Au in hole VTRRCD0016<sup>12</sup>
- **11m @ 36.2 g/t from 213m** incl. 2m @ 184 g/t Au in VTRGT0050<sup>11</sup>
- **9m @ 12.7 g/t Au from 54m** incl. 7m @ 15.6 g/t Au from 56m and including 3m @ 30.6 g/t Au from 56m in VMWRC0002<sup>9</sup>
- **9m @ 15.0 g/t Au from 28m** incl. 3m @ 39.8 g/t Au in VMERC0012<sup>10</sup>

## PHB Corridor

- **7m @ 103.6 g/t Au from 48m** incl. 3m @ 240 g/t Au and including 1m @ 691 g/t Au<sup>5</sup>
- **3m @ 19.7 g/t Au from 126m** and 8m @ 4.17 g/t Au from 110m, incl. 3m @ 8.69 g/t Au, in VK2RC0009<sup>4</sup>
- **15m @ 6.51 g/t Au from 118m** incl. 5m @ 12.5 g/t Au, in VK2RC0010a<sup>4</sup>
- **6m @ 8.66 g/t Au** incl. 2m @ 23.8 g/t Au from 128m in VK1RC0018<sup>3</sup>
- **4m @ 10.9 g/t Au**, incl. 2m @ 20.1 g/t Au, from 161m in VK1RC0027<sup>2</sup>

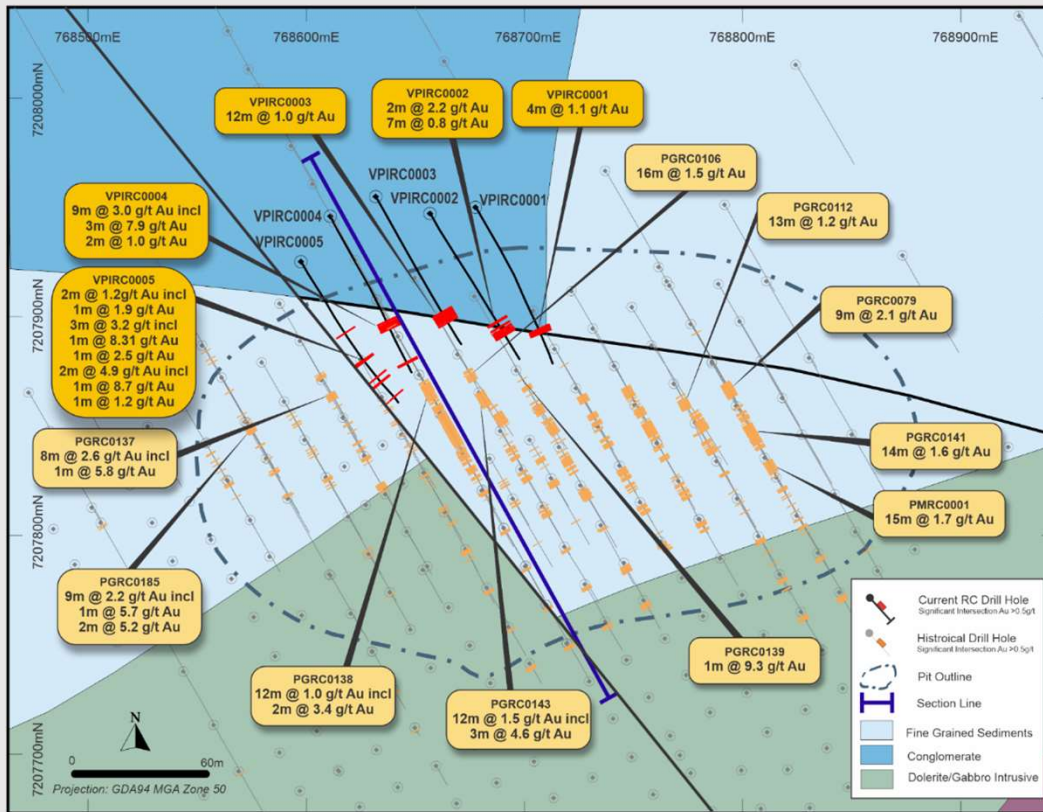
## Triple P Corridor

- **4m @ 23.0 g/t from 109m** incl. 1m @ 85.0 g/t Au in VPPPRC0008<sup>8</sup>
- **4m @ 9.48 g/t Au from 177m** incl. 1m @ 25.0 g/t Au in VPPPRC0005<sup>8</sup>
- **4m @ 6.38 g/t Au from 164m** incl. 2m @ 10.9 g/t Au in VPPPRC0004<sup>8</sup>
- **4m @ 50.6 g/t Au from 81m** incl. 2m @ 99.1 g/t Au including 1m @ 182 g/t Au in VAFRC0001<sup>7</sup>
- **3m @ 38.0 g/t Au from 97m** incl. 2m @ 56.1 g/t Au including 1m @ 100.9 g/t Au in VAFRC0001<sup>7</sup>
- **14m @ 6.99 g/t Au from 48m** incl. 7m @ 11.9 g/t Au incl. 2m @ 28.3 g/t Au in VAFRC0010<sup>6</sup>

<sup>1</sup> VAN ASX, 06/01/21 Bonanza Gold Zone Identified 250m from Trident Resource  
<sup>2</sup> VAN ASX, 20/10/20 Significant Intersections Extend High-Grade Lode Discovery  
<sup>3</sup> VAN ASX, 24/09/20 High-Grade Lode Discovery in PHB Corridor at Marymia  
<sup>4</sup> VAN ASX, 23/03/20 High-Grade Drilling Success at Marymia Gold Project  
<sup>5</sup> VAN ASX, 03/03/20 Exceptional Intersections from New Lode Discovery at Marymia  
<sup>6</sup> VAN ASX, 21/01/20 Exceptional High-Grade Gold Intercepts – Open Pit Potential  
<sup>7</sup> VAN ASX, 02/01/20 Bonanza Gold Intersections from New Zone at Marymia  
<sup>8</sup> VAN ASX, 05/08/19 New Very High-Grade Gold Zone Discovered at Marymia Project  
<sup>9</sup> VAN ASX, 19/06/19 Very High-Grade Gold Intersections Extends Trident-Marwest  
<sup>10</sup> VAN ASX, 23/05/19 Vango's High-Grade Gold Intersections Extend Corridor  
<sup>11</sup> VAN ASX, 08/04/19 Bonanza High Grade Gold Intersections at Trident  
<sup>12</sup> VAN ASX, 28/05/18 Further Very High - Grade Gold Intersections from Trident  
<sup>13</sup> VAN ASX, 24/04/18 Initial High-Grade Gold Intersections from Trident Gold Deposit  
<sup>14</sup> VAN ASX, 17/07/17 Further High-Grade Gold Intersections at Plutonic Dome  
<sup>15</sup> VAN ASX, 29/06/17 High Grade Gold Intersections from Drilling at Plutonic Dome  
<sup>16</sup> VAN ASX, 18/02/21 High-Grade Gold Extensions at Trident

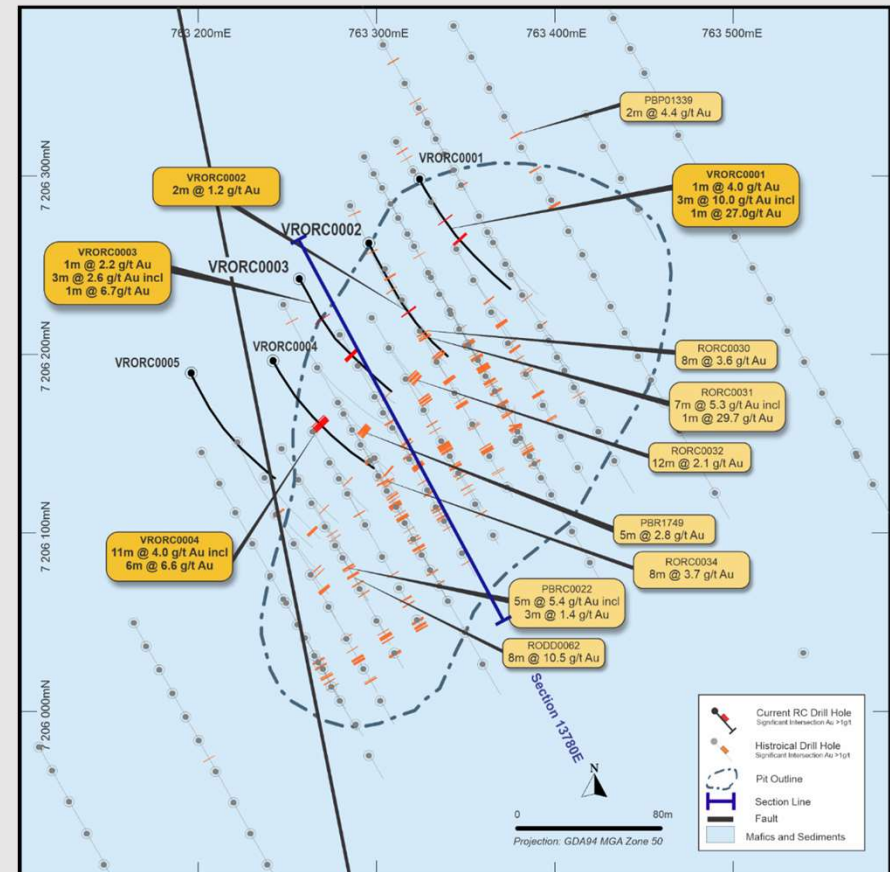
# Resource Expansion Drilling Campaign

## Pigeon Open-Pit



Plan View: Pigeon Open-Pit showing current Vango drilling and historic drilling<sup>1</sup>

## Rosella Open-Pit



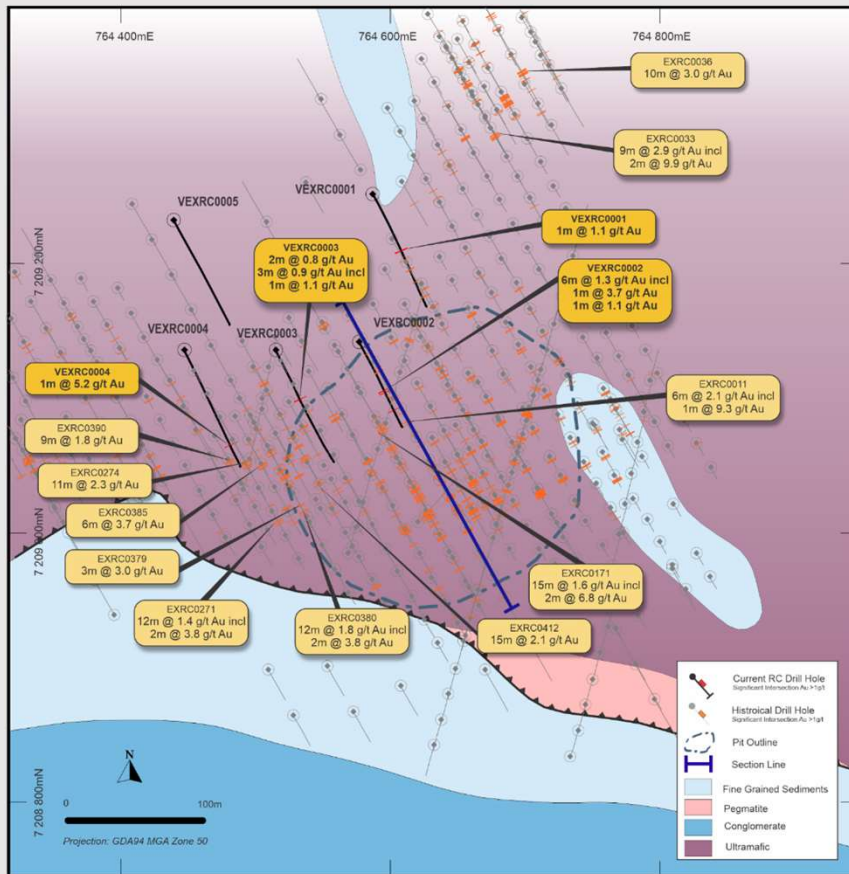
Plan View: Rosella Open-Pit showing current Vango drilling and historic drilling<sup>2</sup>

<sup>1</sup> VAN ASX 19/01/22 Vango Intercepts Additional High Grade Gold

<sup>2</sup> VAN ASX 03/12/21 Drilling Confirms Rosella Mineralisation Extension at Depth

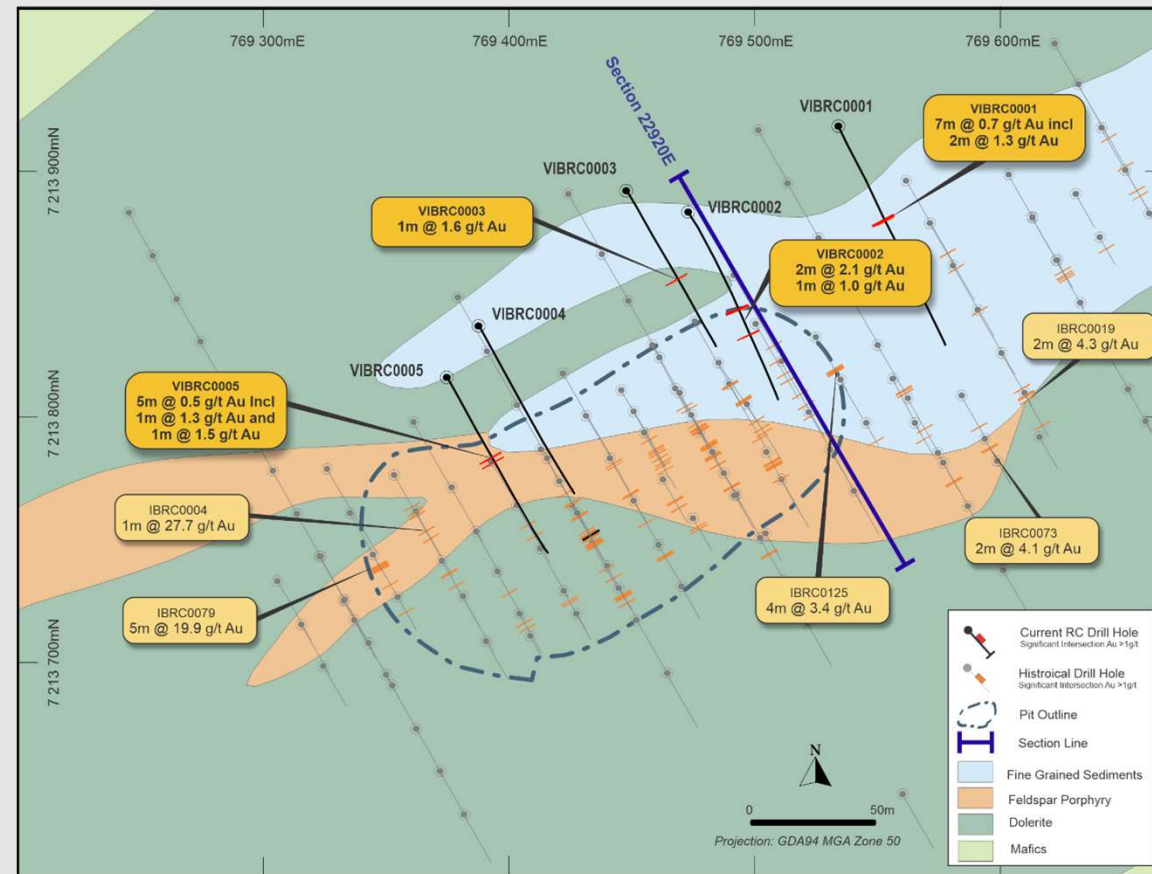
# Resource Expansion Drilling Campaign

## Exocet Open-Pit



Plan View: Exocet Open-Pit showing current Vango drilling and historic drilling <sup>1</sup>

## Ibis Open-Pit



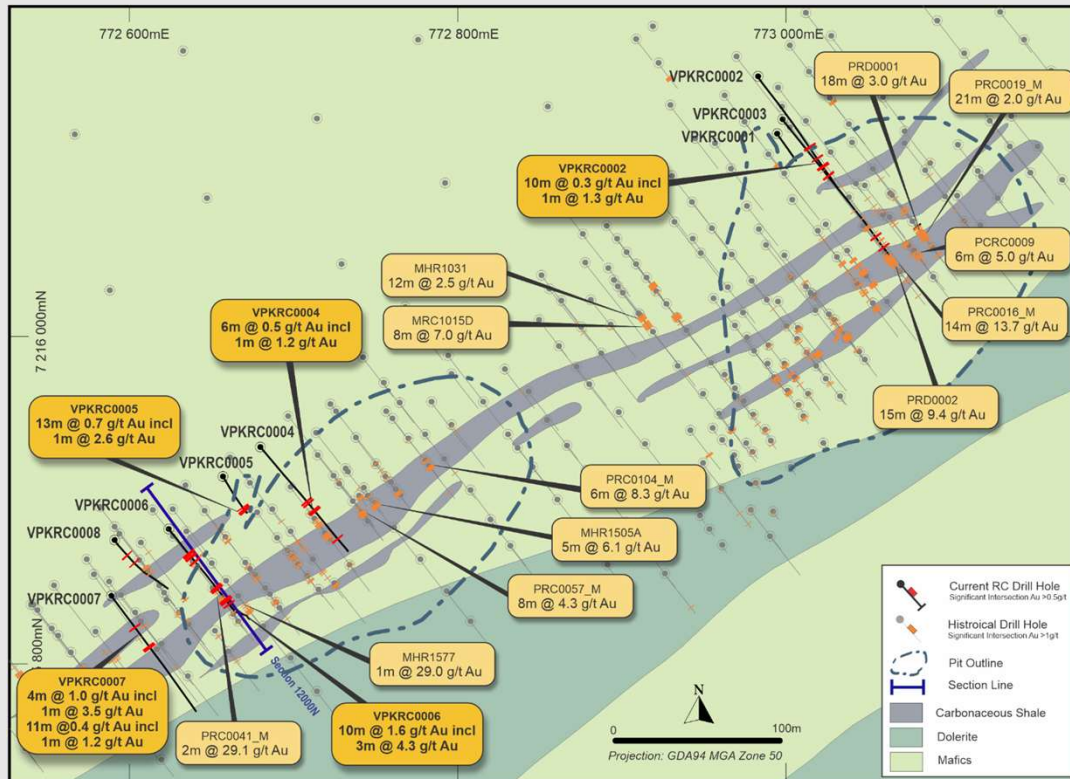
Plan View: Ibis Open-Pit showing current Vango drilling and historic drilling <sup>2</sup>

<sup>1</sup> VAN ASX 24/11/21 Spectacular Gold Intercepts at Rosella    <sup>2</sup> VAN ASX 10/11/21 Gold Intercepts from Ibis Open-Pit Drilling Campaign



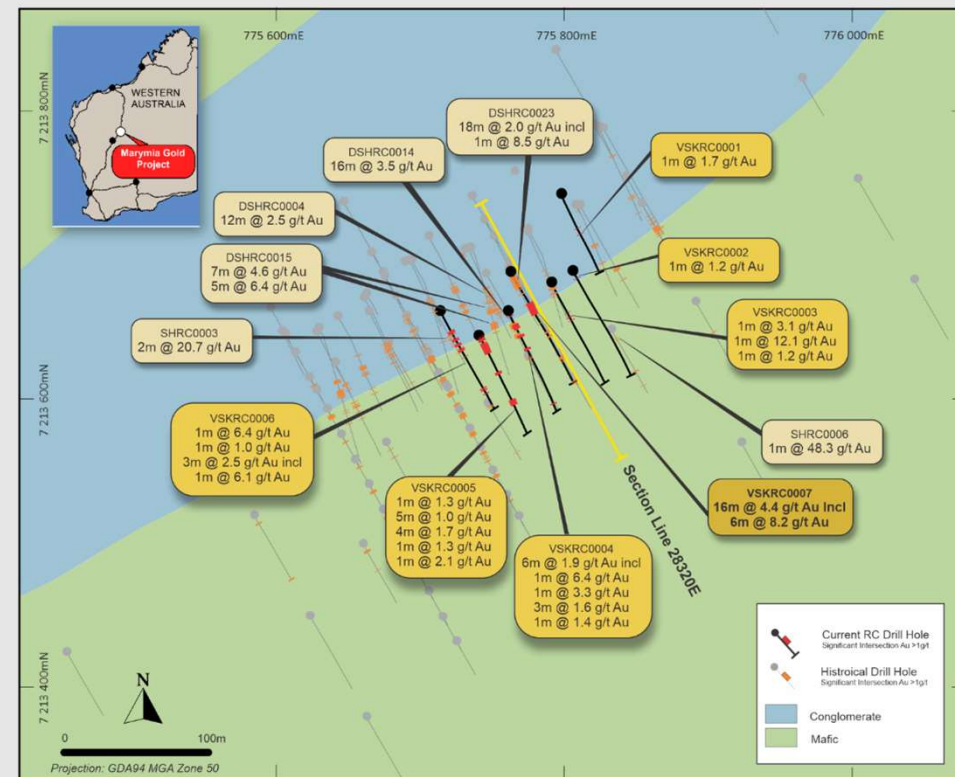
# Resource Expansion Drilling Campaign

## Prickleys Open-Pit



Plan View: Prickleys Open-Pit showing current Vango drilling and historic drilling <sup>1</sup>

## Skyhawk Open-Pit



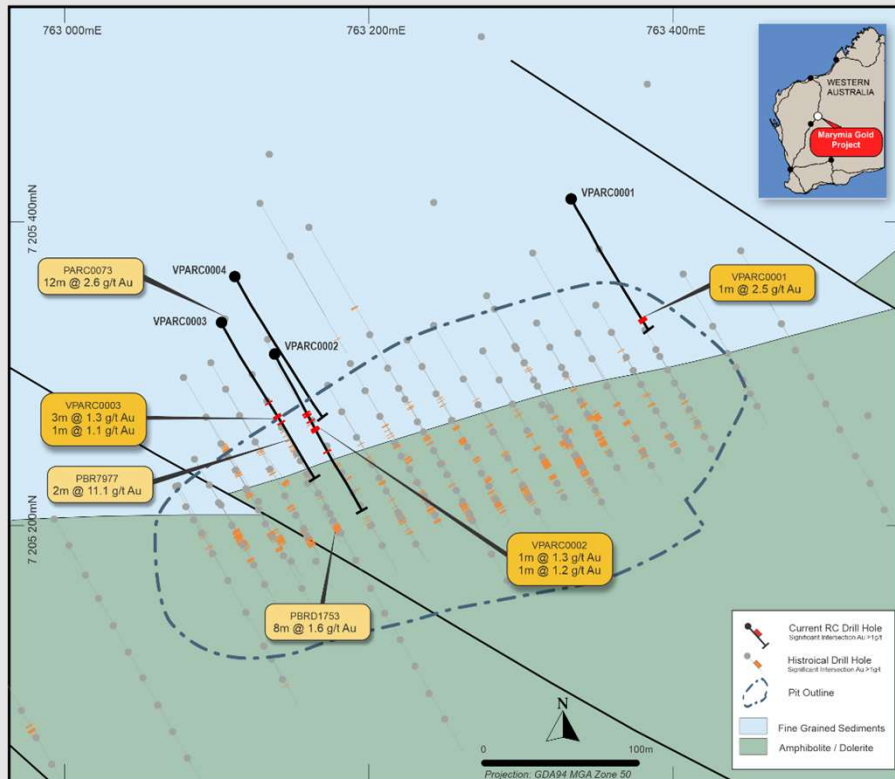
Plan View: Skyhawk Open-Pit showing current Vango drilling and historic drilling <sup>2</sup>

<sup>1</sup> VAN ASX 03/11/21 Multiple Broad Gold Intercepts at Prickleys Open-Pit

<sup>2</sup> VAN ASX 21/09/21 Wide High-Grade Gold Intercepts at Skyhawk

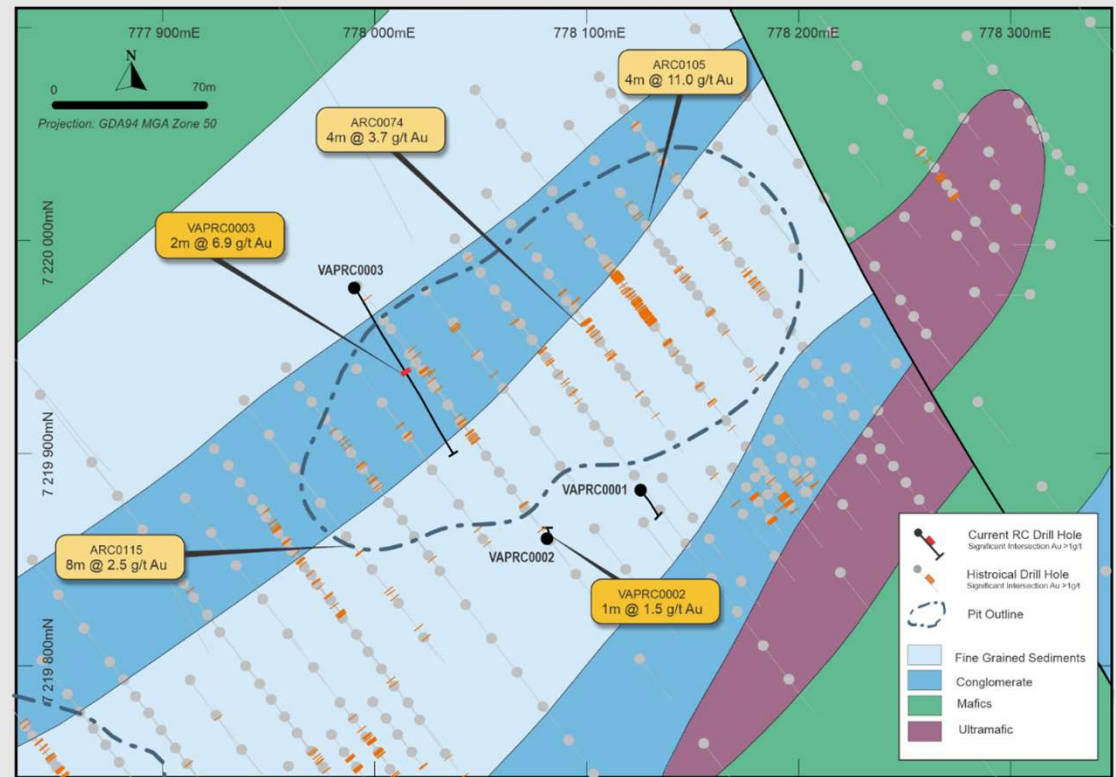
# Resource Expansion Drilling Campaign

## Parrot Open-Pit



Plan View: Parrot Open-Pit showing current Vango drilling and historic drilling<sup>1</sup>

## Apollo Open-Pit



Plan View: Apollo Open-Pit showing current Vango drilling and historic drilling<sup>1</sup>

<sup>1</sup> VAN ASX 20/10/21 Vango Continues to Confirm Open-Pit Potential at Marymia