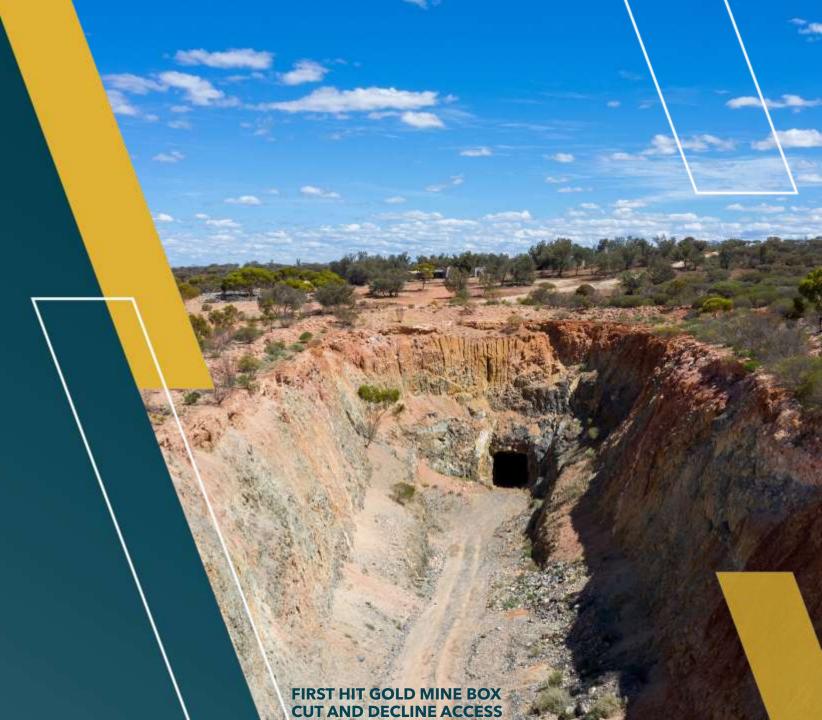


Gold & Critical
Mineral Vanadium
A Diversified Developer
and Explorer

**Investor Presentation** 

February 2025

ASX:VKA



## **Disclaimer & Competent Persons Statements**



#### Disclaimer

This presentation and any accompanying verbal presentation (together the Presentation) are confidential and have been prepared by Viking Mines Limited (Viking or the Company) and approved by the Board of the Company. The information contained in the Presentation (Information) is summary only and should be read in conjunction with any other documents provided to you by the Company. The Information is current as at 13 February 2025 and the Company does not undertake to provide any additional or update information, whether as a result of new information, future events or results or otherwise. By receiving the Presentation, you acknowledge and represent to the Company that you have read, understood and accepted the terms of this disclaimer.

The Company has prepared the Presentation based on information available to it at the time of preparation. No representation or warranty, express or implied, is made as to the currency, accuracy, reliability, completeness or fairness of the information, opinions and conclusions contained in this Presentation. Viking, or related bodies corporate, shareholders or affiliates, nor any of their respective officers, directors, employees, affiliates, agents or advisers (Agents) guarantee or make any representations or warranties, express or implied, as to or take responsibility for, the currency, accuracy, reliability, completeness or fairness of the information, opinions and conclusions contained in this Presentation. Viking does not represent or warrant that this Presentation is complete or that it contains all material information about Viking or which a prospective investor or purchaser may require in evaluating a possible investment in Viking or acquisition of shares. To the maximum extent permitted by law, Viking and its Agents expressly disclaim any and all liability, including, without limitation, any liability arising out of fault or negligence, for any loss arising from the use of information contained in this Presentation, or otherwise arising in connection with it.

Any forward-looking statements in this Presentation, including projections, forecasts and estimates, are provided as a general guide only and should not be relied on as an indication or guarantee of future performance and involve known and unknown risks, uncertainties, assumptions, contingencies and other important factors, many of which are outside the control of Viking and which are subject to change without notice and could cause the actual results, performance or achievements of Viking to be materially different from the future results, performance or achievements expressed or implied by such statements. Past performance is not necessarily a guide to future performance and recipients of this Presentation are cautioned not to place undue reliance on such forward-looking statements.

The information contained in this Presentation is for information purposes only, does not constitute investment or financial product advice (nor taxation, accounting or legal advice) and is not intended to be used as the basis for making an investment decision. In providing this Presentation, Viking has not considered the objectives, financial position or needs of any particular recipients. Before making an investment decision prospective investors should consider the appropriateness of the information in this Presentation having regard to their own objectives, financial situation and financial advice appropriate to their jurisdiction and circumstances.

This Presentation is not a prospectus, product disclosure statement or other offer document under Australian law or any other law (and will not be lodged with the Australian Securities and Investments Commission or any other foreign regulator) and is not, and does not constitute, an invitation or offer of securities for subscription, purchase or sale in any jurisdiction. In particular, this Presentation does not constitute an invitation or offer of securities for subscription, purchase or sale in the United States or any other jurisdiction in which such an offer would be illegal. The securities referred to in this Presentation have not been, and will not be, registered under the U.S. Securities Act of 1933 as amended or the securities laws of any state or other jurisdiction of the United States and may not be offered or sold, directly or indirectly in the United States. The information in this Presentation is strictly confidential. It may not be disclosed, reproduced, disseminated, quoted or referred to, in whole or in part, without the express consent of Viking.

#### **Competent Person's Statements**

Information in this release that relates to Exploration Results is based on information compiled by Mr. Julian Woodcock, who is a Member and of the Australian Institute of Mining and Metallurgy (MAusIMM(CP) - 305446). Mr. Woodcock is a full-time employee of Viking Mines Ltd. Mr. Woodcock has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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'. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.

The information in this announcement that relates to the Mineral Resource estimate and Pit Optimisation is derived from information compiled by Mr. Dean O'Keefe, a Fellow of the Australasian Institute of Mining and Metallurgy (AusIMM, #112948), and Competent Person for this style of mineralisation. Mr. O'Keefe is a consultant to Viking Mines Limited, and is employed by MEC Mining, an independent mining and exploration consultancy. Mr. O'Keefe has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as Competent Person as defined in the 2012 edition of the Australasian Code for the Reporting of Exploration Results, Mineral Resources, and Ore Reserves (JORC Code). The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.

The information contained in this report, relating to metallurgical results, is based on, and fairly and accurately represent the information and supporting documentation prepared by Mr. Damian Connelly. Mr. Connelly is a full-time employee of METS Engineering who are a Contractor to Viking Mines Ltd, and a Fellow of The Australasian Institute of Mining and Metallurgy. Mr. Connelly has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Exploration Targets, Mineral Resources and Ore Reserves. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.

# **Company Overview**



## **Corporate Snapshot**

**ASX Code** 

**VKA** 

**Market Cap** 

\$10.62M

(Undiluted)

**Share Price** 

\$0.008

(13 February 2025)

Cash

\$4.77N

(as at 31 Dec 24)

**Shares on Issue** 

1.328B

**Enterprise Value** 

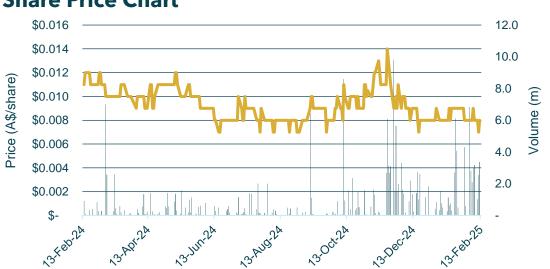
\$5.85M

# Other Shareholders 37% Directors 12.25%

#### **Share Price Chart**

Top 20 (excl Dir)

50.75%



## **Board and Management**



Chairman



Julian Woodcock
Managing Director
& CEO



Michael Cox
Non-Executive
Director



**Bevan Tarratt**Non-Executive
Director

#### **First Hit Gold Gold Project**

- Located 40km west of Menzies in WA Eastern Goldfields.
- ~480km² of highly prospective tenure (granted & under application).
- Centred around the historic high-grade First Hit Gold Mine
  - Produced ~30koz at 7.7g/t Au<sup>i</sup>
  - Unmined High-Grade Inferred Mineral Resource of 83.8k tonnes at 7.0g/t Au for 19.0k ounces<sup>ii</sup>
- 8km North & along strike of Ora Banda Mining Riverina Operation and 40km from Davyhurst Mill

#### **Canegrass Battery Minerals Project**

- Outcropping hard-rock vanadium magnetite project, located in the Murchison Region, WA.
- 60km from the township of Mount Magnet, with sealed airstrip & regular commercial flights.
- Bitumen road and gas pipeline 22km from the Resource.
- 419km to established Port at Geraldton.





# First Hit Project Hunting Elephants in Elephant Country



## Large land package in well-established gold province

- Substantial ~480km² land package in the WA Eastern Goldfields
- Centred around the 100% owned historic First Hit Gold Mine which hosts a high-grade MRE of 19koz at 7.0g/t Au<sup>1</sup>
- Tenure immediate adjoins Ora Banda Mining (ASX:OBM) and is located 8km North of the operating Riverina Gold Mine & 40km from the Davyhurst Mill
- Drilling program underway targeting high-grade gold deposits along 25km of prospective strike of the Zuleika Shear
- First assays delivered 27m at 0.4g/t Au with peak assays up to 2.9g/t Au,<sup>2</sup> demonstrating hallmarks of mesothermal gold system and the significant potential for discovery
- Assays pending for ~4,600m of RC drilling across the Northern Duplex Target

ASX:VKA vikingmines.com

PROJECT MENZIES Comet Vale Central Davyhurst Car Davyhurst **Ora Banda Mining** Callion 交 欠 Golden Eagle Sand King Aphrodite Missouri 2 M Enterprise Atlas-Kalpin Mt Charlotte Jaurdi 父 Kundana Frogs Leg lking Tenements Geko X COOLGARDIE Processing Plant Resource Project Kundana Camp 40km

<sup>&</sup>lt;sup>1</sup> ASX Announcement 20 January 2025 – Viking Defines High-Grade Gold Resource at First Hit Mine

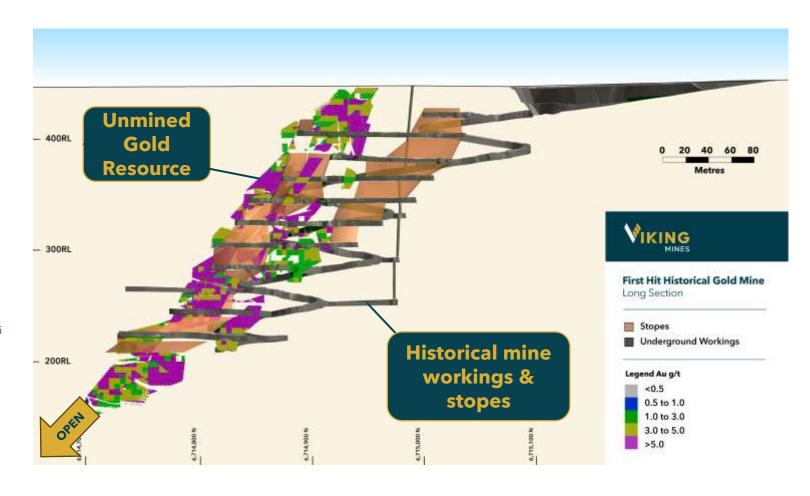
 $<sup>^{2}</sup>$  ASX Announcement 10 February 2025 – Viking Discovers Gold at Northern Duplex Greenfields Target

# First Hit Project High Grade Historical Gold Mine



## Historically Produced ~30koz Au at ~7.7g/t Au<sup>i</sup>, with 19koz at 7.0g/t Remaining

- Historical producing high-grade gold project located in the Eastern Goldfields of WA
- Closed in 2002 when the gold price was <US\$325/oz</li>
- High-grade Inferred Mineral Resource of 83.8k tonnes at 7.0g/t Au for 19.0k ouncesiii
- Located on a fully granted Mining Lease.
- Significant infrastructure in place, with decline down to ~220m below surface (~\$15M value)
- Substantial high-grade hits in face sampling and drill database with unmined intercepts including;
  - 4.9m @ 64.8 g/t Au from 62.1m (FHU045)
  - 3m @ 77.6 g/t Au from 224.0m (BFH030)
  - 4m @ 26.1 g/t Au from 58.0m (BFH005)
- Significant opportunity to extend mineralisation to depth beyond current limits of drilling



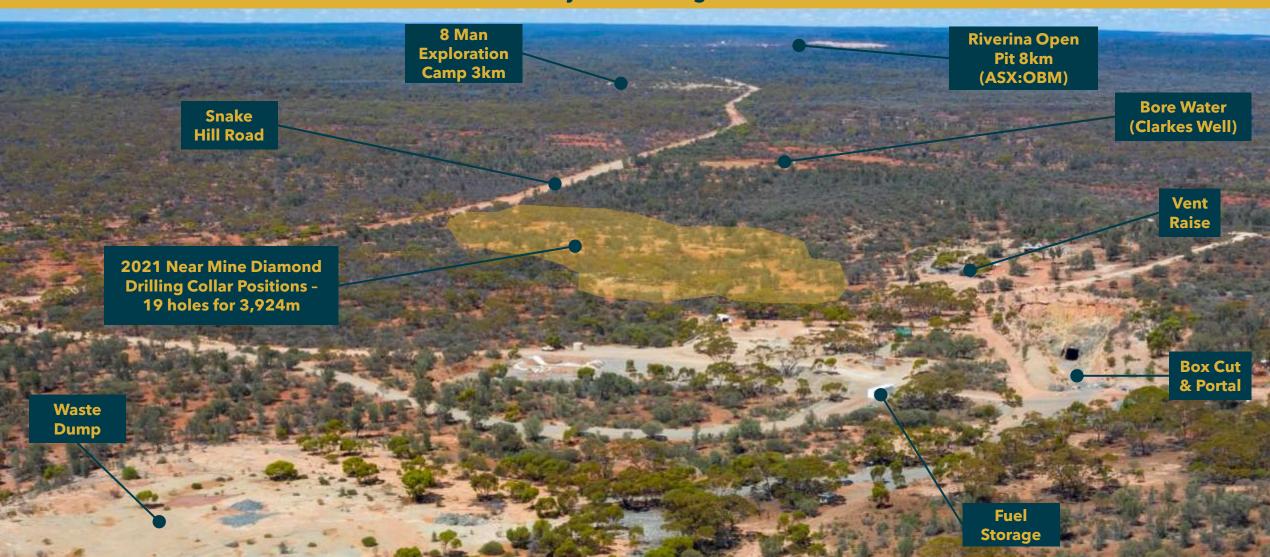
Viking Mines (ASX:VKA) ASX Announcement 26 November 2020 - Acquisition of high-grade gold projects in Western Australia Viking Mines (ASX:VKA) ASX Announcement 20 January 2025 - VIKING DEFINES HIGH\_GRADE GOLD RESOURCE AT FIRST HIT MINE



## **EXCELLENT INFRASTRUCTURE & ACCESS**



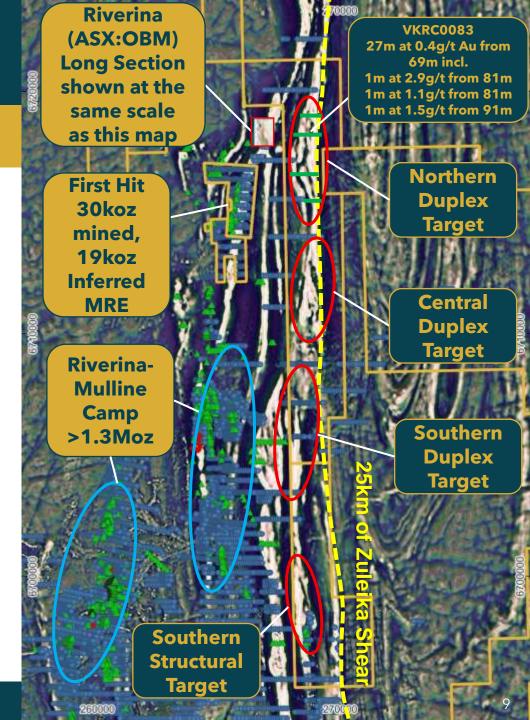
## **Site Layout - Looking South**



# **First Hit Project High Priority Targets**

## 25km strike of Zuleika shear untested by bedrock drilling

- 25km of untested strike along the Zuleika Shear, 100% controlled by Viking
- Same stratigraphic position as the combined >1Moz Waihi, Makai, Golden Eagle and Lights of Israel Deposits mined at Davyhurst
- Multiple high priority geochemical anomalies and structural targets being drilled
- Phase 1 drilling for ~55 holes and ~7,400 metres completed at Northern Duplex Target with assays outstanding for~70%
- Wide spaced heel to toe RC traverses providing full coverage across the target
- Results from first drill traverse discovered gold and confirm the prospectivity of the target with;
  - 27m at 0.4g/t Au from 69m<sup>i</sup>, including
    - 1m at 2.9g/t Au from 76m
    - 1m at 1.5g/t Au from 81m, and
    - 1m at 1.1g/t Au from 91m
- Assays pending for ~4,600m of RC drilling across the Norther Duplex Target
- Phase 2 programme to test the Central Duplex Target and follow up on the Northern Duplex Target scheduled to commence in early March



# **First Hit Project High Priority Targets**

## **Discovery Success With the Drill Bit**

#### **Exploration Strategy**

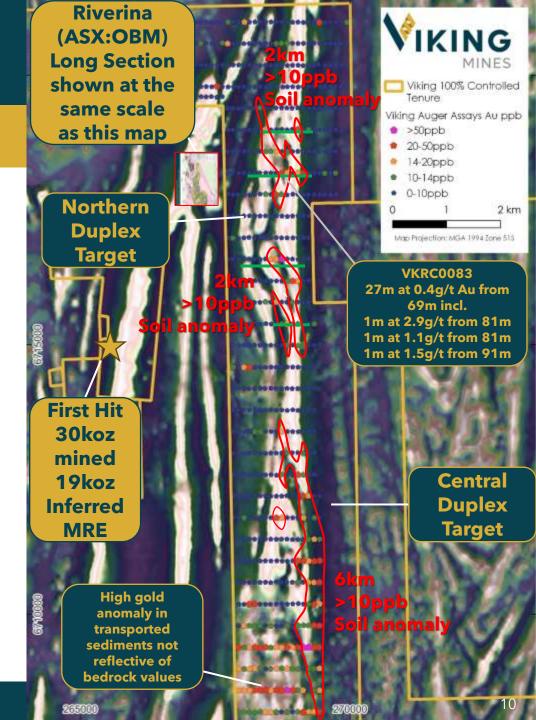
- Initial first pass drill programmes across favourable structural targets with supporting Geochemical anomalies
- Heel to toe drill traverses provide full coverage of the geology
- Targeting narrow vein high grade deposits typical of this setting
- Any gold intercepts identify the pathway to be followed to discover the deposit
- 1-5 gram metre intercepts of key interest for follow up

#### Phase 1 RC drilling<sup>i</sup>

- Wide spaced testing of the Northern Duplex Target
- Discovery success delivered 27m at 0.4g/t with peak values up to 2.9g/t Au
- Adjacent drill traverse located 0.8km North and 1.7km south pending assays
- Confirms gold pathways in this genuine unexplored greenstone

#### **Phase 2 RC Drilling**

- Scheduled to commence in early March 2025
- Commence wide spaced testing of the Central Duplex Target
- Consistent 6km soils anomaly >10ppb on the Zuleika shear contact



# **Viking Mines Advancing Projects to Add Value**





## **Key Workstreams**

#### FIRST HIT GOLD PROJECT

Underground mining evaluation for the First Hit Mine MRE

Testing high-priority regional targets along 25km strike length of untested prolific Zuleika Shear

Receive remaining assays from Phase 1 drilling and plan follow up testing

Phase 2 drill programme to test Central Duplex Target commencing early March 2025 and follow up at North **Duplex Target** 

#### **CANEGRASS BATTERY MINERALS PROJECT**

V<sub>2</sub>O<sub>5</sub> purification and electrolyte production



#### **Investment Case**

- Diversified exposure to Gold and Critical Mineral Vanadium
- Substantial land packages 100% controlled
- Favourable Project locations near existing operations and infrastructure in Western Australia
- Resource assessment completed at historic First Hit Gold Mine (30Koz Au at avg mined grade of 7.7g/t) defining unmined mineralisation of 83.8k tonnes at 7.0g/t Au for 19.0k ouncesi
- Regional gold target testing underway on high priority untested 25km strike length of Zuleika shear, encompassed within extensive 480km<sup>2</sup> land package
- First drill traverse has delivered a gold discovery with assays up to 2.9g/t Au and no previous bedrock RC drilling for >20km south and 3km north on VKA controlled tenure
- Significant Canegrass Vanadium resource with established flowsheet pathway and final purification step testwork underway
- Strong cash balance and fully funded work plan to continue testing gold targets along the Zuleika Shear with drilling recommencing imminently



# For more information please contact:

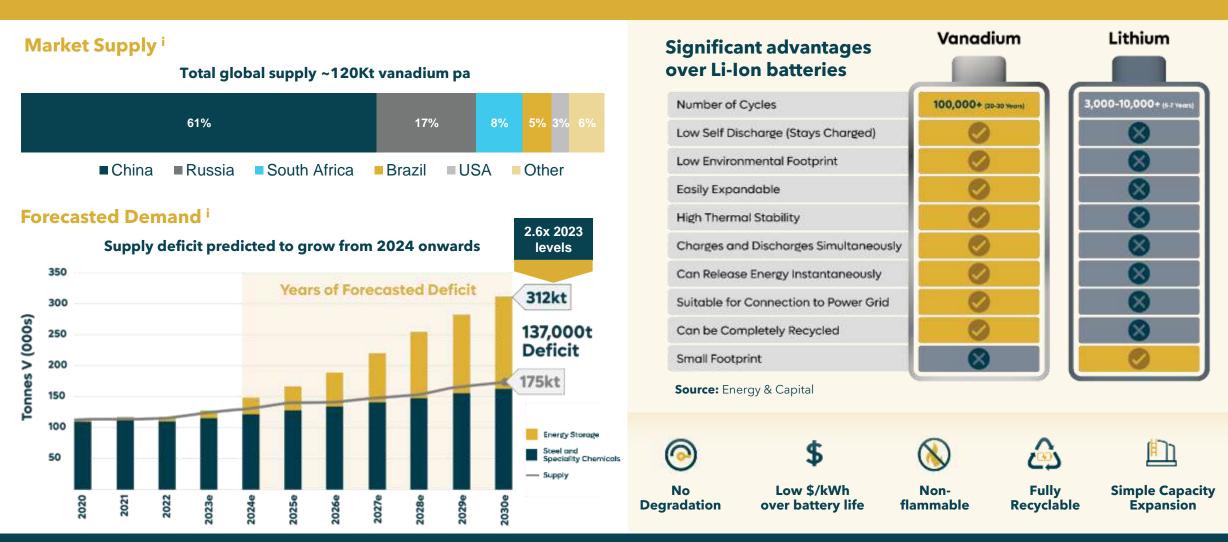
Julian Woodcock
Managing Director & CEO
P +61 8 6245 0870



# **Vanadium Critical, Industrial and Battery Mineral**



#### **Established Critical Mineral with Massive Growth Potential**



## **Canegrass Battery Minerals Project**



- Significant Vanadium Resource, 100% owned following recent Share Sale Agreement with Red Hawk Mining (ASK:RHK)<sup>ii</sup>
- Located in Murchison Region with **extensive** infrastructure within 20km (including Windimurra Mine on care and maintenance)
- Global Inferred Mineral Resource Estimate (MRE) of **146Mt at 0.70% V<sub>2</sub>O<sub>5</sub>, 31.8% Fe & 6.6% TiO**<sub>2</sub> (>0.5% V<sub>2</sub>O<sub>5</sub> cut-off) iii
- Pit Constrained MRE 61Mt @ 0.81% V<sub>2</sub>O<sub>5</sub> & **35.9%** Fe (>0.7% V<sub>2</sub>O<sub>5</sub> cut-off) iv
- Substantial value of the Project not reflected in VKA Market Cap (EV of \$7.77M)

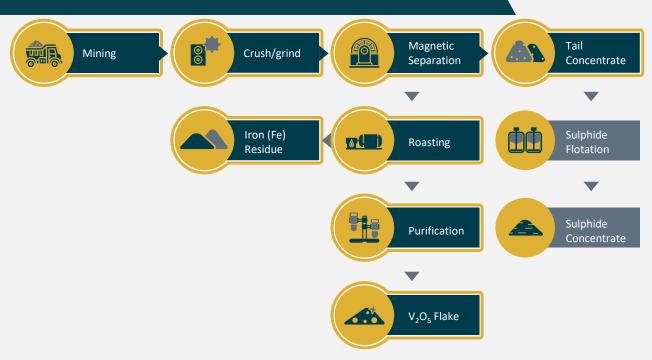


# Flow Sheet Optimisation Underwayi,ii,iii



## **Value Adding Testwork to Unlock the Project Value**

- Flowsheet pathway established for Vanadium Production
- High quality magnetic concentrate produced;
  - 53% mass pull from ore to concentrate
  - 1.43% V<sub>2</sub>O<sub>5</sub>, 59% Fe & 11.7% TiO<sub>2</sub> from Low Intensity Magnetic Separation (LIMS)
- Roasting liberates Vanadium ahead of purification;
  - V<sub>2</sub>O<sub>5</sub> recoveries up to 93.2% from magnetic concentrate roasting
  - 86.7% V<sub>2</sub>O<sub>5</sub> total recovery from ore feed to Vanadium Solution
- Vanadium Pentoxide (V<sub>2</sub>O<sub>5</sub>) Flake produced
  - Final purification step testwork ongoing
  - Targeting high purity  $V_2O_5$  and electrolyte products which attract premium pricing





# **Appendix 1 - Vanadium Company Snapshot**



COMPANY	VIKING MINES (ASX:VKA)	AUSTRALIAN (ASX:		VENUS METALS (ASX: VMC)	SUREFIRE RESOURCES (ASX:SRN)	NEOMETALS (ASX:NMT)	ATLANTIC PTY LTD (PRIVATE)	
PROJECT	Canegrass	Murchison Technology Metals Project (Formerly ASX:TMT)	Australian Vanadium Project	Youanmi	Victory Bore and Unaly Hill	Barrambie	Windimurra	
	146Mt @ 0.70% V <sub>2</sub> O <sub>5</sub>	395.4Mt @ (	).77% V <sub>2</sub> O <sub>5</sub>	135Mt @ 0.34% V <sub>2</sub> O <sub>5</sub>	465Mt @ 0.30% V <sub>2</sub> O <sub>5</sub>	280Mt @ 0.44% V <sub>2</sub> O <sub>5</sub>	209.7Mt @ 0.50% V <sub>2</sub> O <sub>5</sub>	
MINERAL RESOURCES	Inferred: 146Mt @ 0.70% V <sub>2</sub> O <sub>5</sub> TOTAL: 146Mt @ 0.70% V <sub>2</sub> O <sub>5</sub> (Source: VKA 20 November 2023)  POS MRE: 61Mt @ 0.81% V <sub>2</sub> O <sub>5</sub> & 35.9% Fe (Source: VKA 18 March 2024)	Measi 30.6Mt @ 1 Indica 136.6Mt @ ( <u>Infer</u> 228.2 @ 0. TOT 395.4 @ 0 (Source: AVL	.13% V <sub>2</sub> O <sub>5</sub> ated: 0.85% V <sub>2</sub> O <sub>5</sub> red: 66% V <sub>2</sub> O <sub>5</sub> AL: .77 V <sub>2</sub> O <sub>5</sub>	Measured: 31.55Mt @ 0.33% V <sub>2</sub> O <sub>5</sub> Indicated: 54.37Mt @ 0.33% V <sub>2</sub> O <sub>5</sub> <u>Inferred:</u> 48.82Mt @ 0.36% V <sub>2</sub> O <sub>5</sub> TOTAL: 134.73Mt @ 0.34% V <sub>2</sub> O <sub>5</sub> (Source: VMC 18 March 2019)	$\begin{array}{c} \text{Measured:} \\ 25.3 \text{Mt} @ 0.35\%  \text{V}_2\text{O}_5 \\ \text{Indicated:} \\ 113.2 \text{Mt} @ 0.32\%  \text{V}_2\text{O}_5 \\ \underline{\text{Inferred:}} \\ \underline{326.1 \text{Mt}} @ 0.28\%  \text{V}_2\text{O}_5 \\ \hline \text{TOTAL:} \\ 465 \text{Mt} @ 0.30\%  \text{V}_2\text{O}_5 \\ \end{array}$	Indicated: 187Mt @ 0.46% V <sub>2</sub> O <sub>5</sub> Inferred: 93Mt @ 0.40% V <sub>2</sub> O <sub>5</sub> TOTAL: 280.1Mt @ 0.44% V <sub>2</sub> O <sub>5</sub>	$\begin{array}{c} \text{Measured:} \\ 34.6 \text{Mt} @ 0.49\%  \text{V}_2\text{O}_5 \\ \text{Indicated:} \\ 123.5 \text{Mt} @ 0.50\%  \text{V}_2\text{O}_5 \\ \underline{\text{Inferred:}} \\ \underline{51.6 \text{Mt}} @ 0.50\%  \text{V}_2\text{O}_5 \\ \text{TOTAL:} \\ 209.7 \text{Mt} @ 0.50\%  \text{V}_2\text{O}_5 \\ \text{(Source:} \\ \text{https://atlanticptyltd.com.au/projects/windimurra/geology-reserves-resources)} \end{array}$	
ORE RESERVES	n/a	Proved: 1.12Mt @ 0.95% V <sub>2</sub> O <sub>5</sub> Probable: 43.36Mt @ 0.89% V <sub>2</sub> O <sub>5</sub> TOTAL: 44.48Mt @ 0.89% (Source: https://www.tmtlimited.com.au/murchison-technology-metals-project/mineral-resources-ore-reserves/)	Proved: 10.5Mt @ 1.11% V <sub>2</sub> O <sub>5</sub> Probable: 20.4Mt @ 1.07% V <sub>2</sub> O <sub>5</sub> TOTAL: 30.9Mt @ 1.09% V <sub>2</sub> O <sub>5</sub> (Source: https://www.australianvanadium.c om.au/our-assets/the-australianvanadium-project/)	n/a	Probable: $93Mt @ 0.35\% \ V_2O_5$ TOTAL: $93Mt @ 0.35\% \ V_2O_5$ (Source: $https://www.surefireresources.co$ $m.au/project/vanadium-resources/)$	Probable: 27.6Mt @ 0.57% V <sub>2</sub> O <sub>5</sub> TOTAL: 27.6Mt @ 0.57% V <sub>2</sub> O <sub>5</sub> (Source: https://wcsecure.weblink.com.au/pdf/NMT/02666246.pdf)	Probable: 87.5Mt @ $0.49\% \ \underline{V_2O_5}$ TOTAL: 87.5Mt @ $0.49\% \ V_2O_5$ (Source: https://atlanticptyltd.com.au/projects/windimurra/geology-reserves-resources)	
PROJECT STATUS	Pit Optimisation Study (Advancing to Scoping Study)	DFS Complete	BFS Complete	Exploration	PFS Complete	PFS Complete	DFS Complete	

ASX:VKA vikingmines.com

# **Appendix 2 - Canegrass Mineral Resource Estimate**



#### Global MRE i

Model	Deposit	Cut-C V <sub>2</sub> O <sub>5</sub>	%	JORC (2012) Classification	Volume	Density	Tonnes	Tonnage (Mt)	V <sub>2</sub> O <sub>5</sub> %	Fe %	Fe₂O₃ %	TiO₂ %	Cu %	Ni %	Co %	Al <sub>2</sub> O <sub>3</sub> %	SiO <sub>2</sub> %	P %	P <sub>2</sub> O <sub>5</sub> %	LOI %	V₂O₅ T	V₂O₅ BLbs	Mt Fe	Mt TiO <sub>2</sub>	Cu T	Ni T	Co T
		0.00	0.50	Inferred	5,888,852	3.3	19,650,571	19.7	0.44	21.8	31.2	4.1	0.056	0.046	0.012	15.8	31.9	0.005	0.01	1.4	86,017	0.19	4.3	0.8	11,063	9,122	2,296
F	Fold	0.50	0.80	Inferred	16,751,576	3.6	60,641,026	60.6	0.65	30.3	43.3	6.2	0.057	0.059	0.015	13.1	23.2	0.004	0.01	1.8	396,405	0.87	18.4	3.8	34,427	35,965	8,989
	Nose	0.80		Inferred	3,710,784	3.9	14,468,533	14.5	0.87	37.5	53.6	8.0	0.070	0.071	0.018	9.9	16.5	0.004	0.01	1.3	125,508	0.28	5.4	1.2	10,102	10,343	2,675
		>0.5		Inferred	20,462,360		75,109,560	75.1	0.69	31.7	45.3	6.5	0.059	0.062	0.016	12.5	21.9	0.004	0.01	1.7	521,913	1.15	23.8	4.9	44,530	46,308	11,664
		0.00	0.50	Inferred	2,115,784	3.7	7,800,150	7.8	0.42	21.2	30.3	4.4	0.044	0.041	0.011	18.0	31.4	0.007	0.02	3.7	32,893	0.07	1.7	0.3	3,417	3,214	835
qe	Kinks	0.50	0.80	Inferred	5,121,216	3.8	19,611,721	19.6	0.65	30.1	43.1	6.1	0.071	0.066	0.016	11.8	22.4	0.003	0.01	2.5	128,032	0.28	5.9	1.2	13,877	12,983	3,090
Model	South	0.80		Inferred	2,460,284	3.9	9,573,436	9.6	0.88	36.8	52.7	8.0	0.076	0.071	0.019	8.6	16.3	0.003	0.01	1.7	84,614	0.19	3.5	0.8	7,285	6,814	1,783
2023		>0.5		Inferred	7,581,500		29,185,158	29.2	0.73	32.3	46.2	6.7	0.073	0.068	0.017	10.7	20.4	0.003	0.01	2.3	212,647	0.47	9.4	2.0	21,162	19,797	4,873
		0.00	0.50	Inferred	937,416	3.6	3,336,852	3.3	0.47	22.9	32.8	5.0	0.051	0.037	0.012	16.7	30.1	0.010	0.02	0.7	15,734	0.03	0.8	0.2	1,688	1,251	403
November	Kinks	0.50	0.80	Inferred	10,182,016	3.7	38,032,009	38.0	0.66	31.2	44.7	6.4	0.074	0.057	0.016	11.3	22.8	0.009	0.02	1.3	251,368	0.55	11.9	2.4	28,057	21,671	6,148
Š	KIIIKS	0.80		Inferred	883,732	3.9	3,452,161	3.5	0.84	38.2	54.6	8.1	0.080	0.069	0.020	7.6	16.8	0.004	0.01	1.0	28,830	0.06	1.3	0.3	2,755	2,396	674
		>0.5		Inferred	11,065,748		41,484,170	41.5	0.68	31.8	45.5	6.6	0.074	0.058	0.016	11.0	22.3	0.008	0.02	1.3	280,198	0.62	13.2	2.7	30,812	24,067	6,822
		0.00	0.50	Inferred	8,942,052	3.4	30,787,573	30.8	0.44	21.8	31.1	4.3	0.053	0.044	0.011	16.4	31.6	0.006	0.01	1.9	134,643	0.30	6.7	1.3	16,168	13,586	3,534
	Combined	0.50	0.80	Inferred	32,054,808	3.7	118,284,756	118.3	0.66	30.6	43.7	6.3	0.065	0.060	0.015	12.3	22.9	0.006	0.01	1.8	775,805	1.71	36.1	7.4	76,361	70,619	18,227
	Combined	0.80		Inferred	7,054,800	3.9	27,494,131	27.5	0.87	37.3	53.4	8.0	0.073	0.071	0.019	9.1	16.5	0.003	0.01	1.4	238,953	0.53	10.3	2.2	20,142	19,553	5,132
		>0.5		Inferred	39,109,608		145,778,887	145.8	0.70	31.8	45.5	6.6	0.066	0.062	0.016	11.7	21.7	0.005	0.01	1.7	1,014,758	2.237	46.4	9.6	96,503	90,172	23,359

## Pit Optimisation Study ii

Deposit	Cut-off % V <sub>2</sub> O <sub>5</sub>	JORC (2012) Classification	Tonnage (Mt)	V₂O₅ %	Fe %	Cu %	Ni %	<b>C</b> o %	TiO₂ %
Fold Nose	0.7	Inferred	39.0	0.81	36.0	0.068	0.070	0.018	7.6
Kinks	0.7	Inferred	15.9	0.77	35.5	0.080	0.080	0.018	7.4
Kinks South	0.7	Inferred	6.3	0.85	36.7	0.074	0.074	0.018	7.8
Total	0.7	Inferred	61.2	0.81	35.9	0.071	0.069	0.018	7.6