



Large Scale Gold Exploration at Riverina East

≡ Sydney Resources Round-up

6th to 8th May 2025

ASX: **VKA**



Disclaimer & Competent Persons Statements



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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.

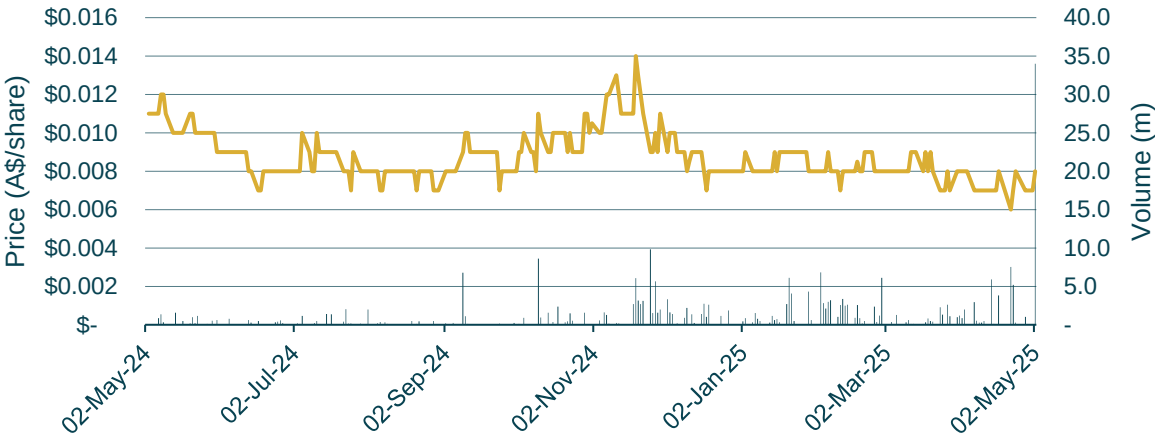
Company Overview



Corporate Snapshot

ASX Code VKA	Share Price \$0.008 (2 May 2025)	Shares on Issue 1.328B
Market Cap \$10.8M (Undiluted)	Cash \$3.4M (as at 31 Mar 25)	Enterprise Value \$7.3M
Top 20 (excl Dir) 50.75%	Other Shareholders 37%	Directors 12.25%

Share Price Chart



Board and Management

 Charles Thomas Chairman	 Julian Woodcock Managing Director & CEO	 Dr Julian Stephens Non-Executive Director	 Bevan Tarratt Non-Executive Director
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Riverina East Gold Project

- Located 40km west of Menzies in WA Eastern Goldfields
- 4km east of Ora Banda Mining Riverina Operation (>1.3Moz Au) and 40km from Davyhurst Mill
- ~480km² of highly prospective tenure
- Centred around the historic high-grade First Hit Gold Mine:
 - **Produced ~30koz at 7.7g/t Auⁱ**
 - Unmined High-Grade Inferred Mineral Resource of **83.8kt at 7.0g/t Au for 19.0kozⁱⁱ**
- Aggressive greenfields exploration programme delivering success

Canegrass Battery Minerals Project

- Outcropping hard-rock vanadium magnetite project, located in the Murchison Region, WA with nearby infrastructure
- JORC (2012) Global Inferred MRE of **146Mt at 0.70% V₂O₅, 31.8% Fe & 6.6% TiO₂ (>0.5% V₂O₅ cut-off)ⁱⁱⁱ**
- Pit constrained MRE: **61Mt @ 0.81% V₂O₅ & 35.9% Fe^{iv}**

Narndee Project

- Gold and Base Metals exploration in the Murchison Region, WA



i. Barra Resources Limited (2002), First Hit Mining Report December 2002 (Final Report) M30/99; Report No. BRLP 00107. Submitted to DMIRS
ii. ASX Announcement 20 January 2025 - VIKING DEFINES HIGH-GRADE GOLD MINERAL RESOURCE AT FIRST HIT MINE
iii. ASX Announcement 20 November 2023 - VIKING RESOURCE UPDATE DELIVERS OVER 100% GROWTH AT CANEGRASS
iv. ASX Announcement 18 March 2024 - VKA DELIVERS SUCCESSFUL PIT OPTIMISATION 61MT AT 0.81% V2O5



RIVERINA EAST GOLD PROJECT

¹ Diamond drill core shown is from hole VDD008 at the Riverina East Project
Viking Mines Limited ASX Release 24 June 2021 [VIKING RECEIVES FIRST DIAMOND RESULTS & SIGHTS VISIBLE GOLD](#)

Riverina East Project Hunting Elephants in Elephant Country



Large land package in well-established gold province

Location

- Centred around the 100% owned historic First Hit Gold Mine which hosts a high-grade MRE of **19koz at 7.0g/t Au**
- Located 4km East of Ora Banda Mining's (ASX:OBM) Riverina Gold Mine & 40km from the Davyhurst Mill

Scale

- 480km² land position including 25km of prospective strike of the Zuleika Shear with no bedrock drilling and lack of prior exploration activity

Activity

- Aggressive exploration programme underway targeting high-grade gold deposits
- ~13,400m RC drilling completed since November
- Exploration success in first phase of drilling

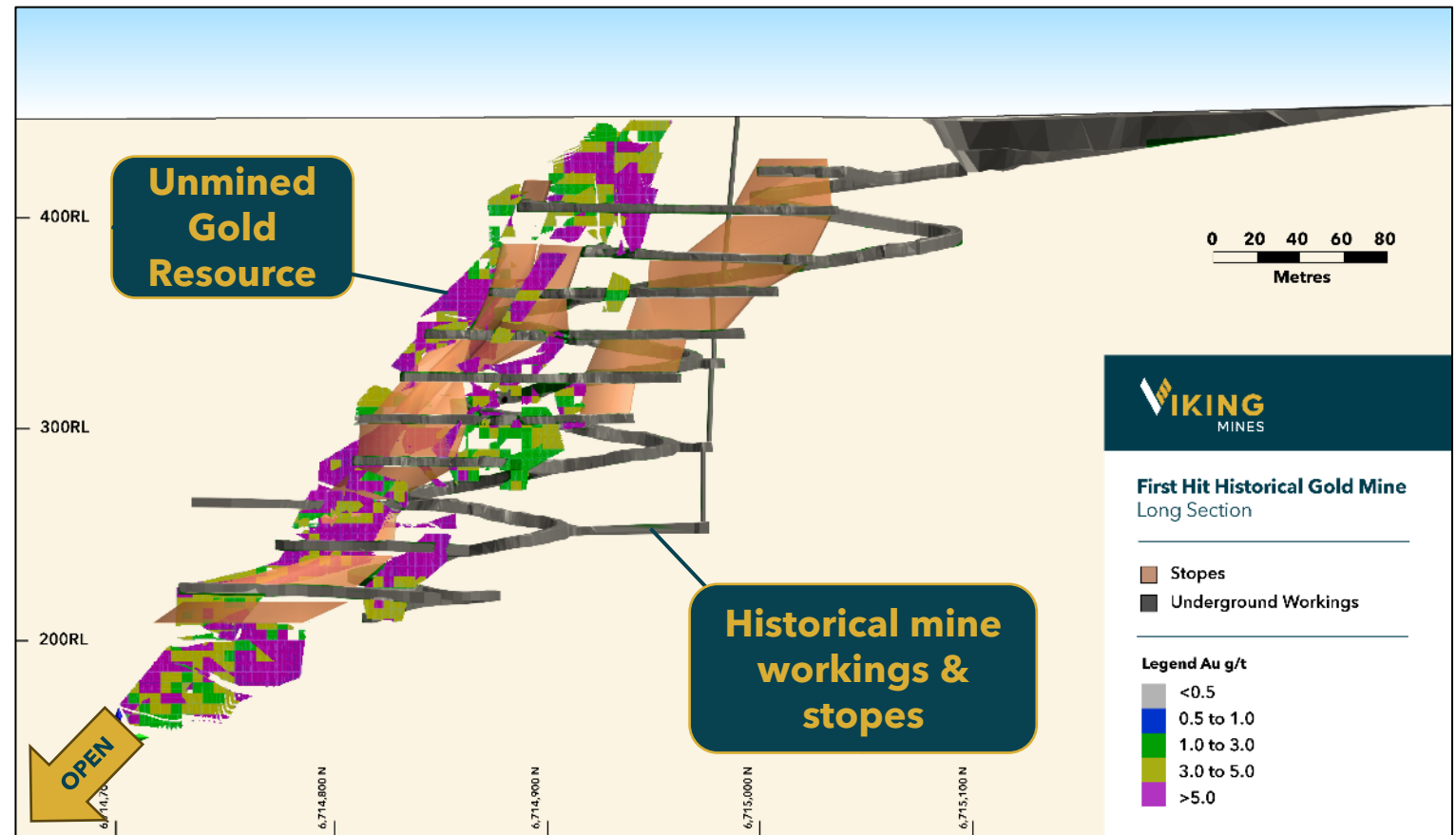


Riverina East Project First Hit Mine

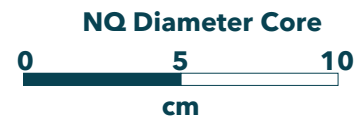
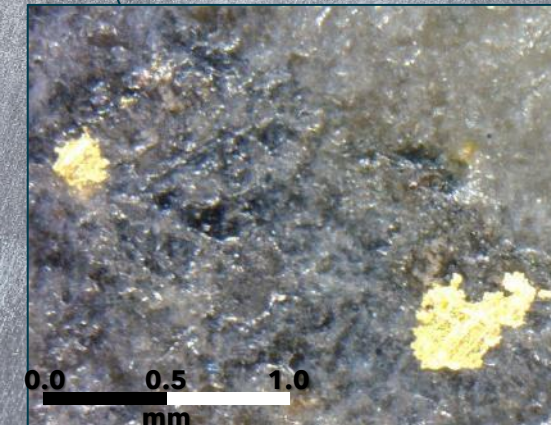
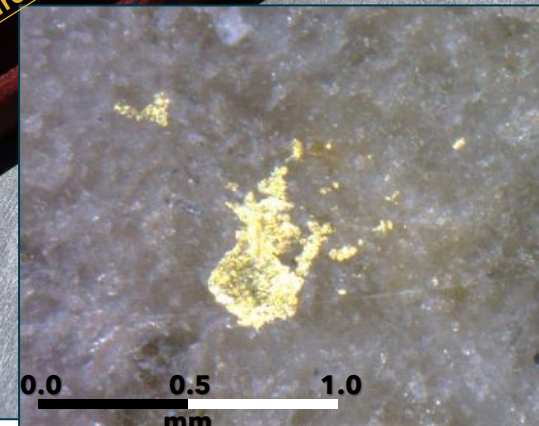
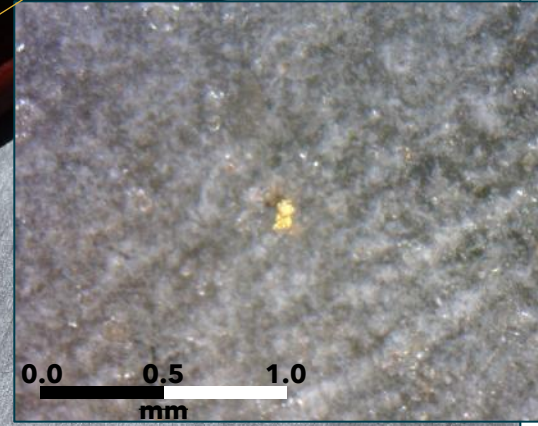
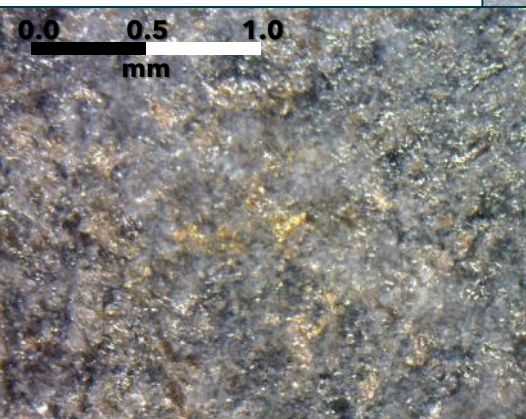
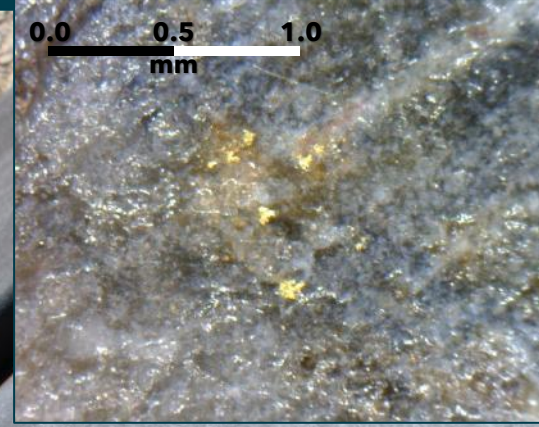
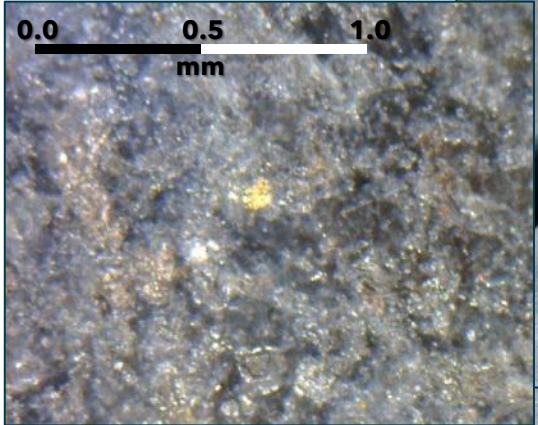


Historically Produced ~30koz Au at ~7.7g/t Auⁱ, with 19koz at 7.0g/t Au remaining

- Closed in 2002 when the gold price was <US\$325/oz (now 10x)
- High-grade Inferred Mineral Resource of **83.8kt at 7.0g/t Au for 19.0k ouncesⁱⁱⁱ**
- Located on a granted Mining Lease
- Significant infrastructure in place, with decline down to ~220m below surface (~\$15M value)
- Substantial high-grade unmined intercepts including;
 - **4.9m @ 64.8 g/t Au** from 62.1m (FHU045)ⁱⁱ
 - **3m @ 77.6 g/t Au** from 224.0m (BFH030)ⁱⁱ
 - **4m @ 26.1 g/t Au** from 58.0m (BFH005)ⁱⁱ
- Mineralisation remains open down plunge
- Underground mining studies in progress
- Exploration analogue for regional targets



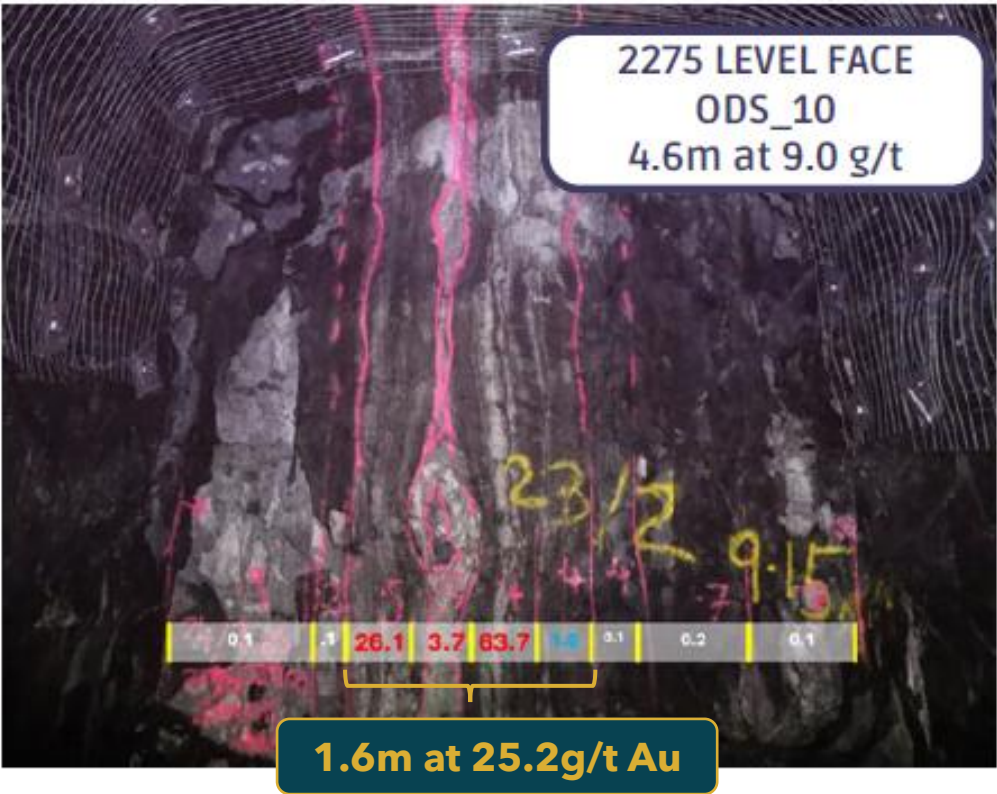
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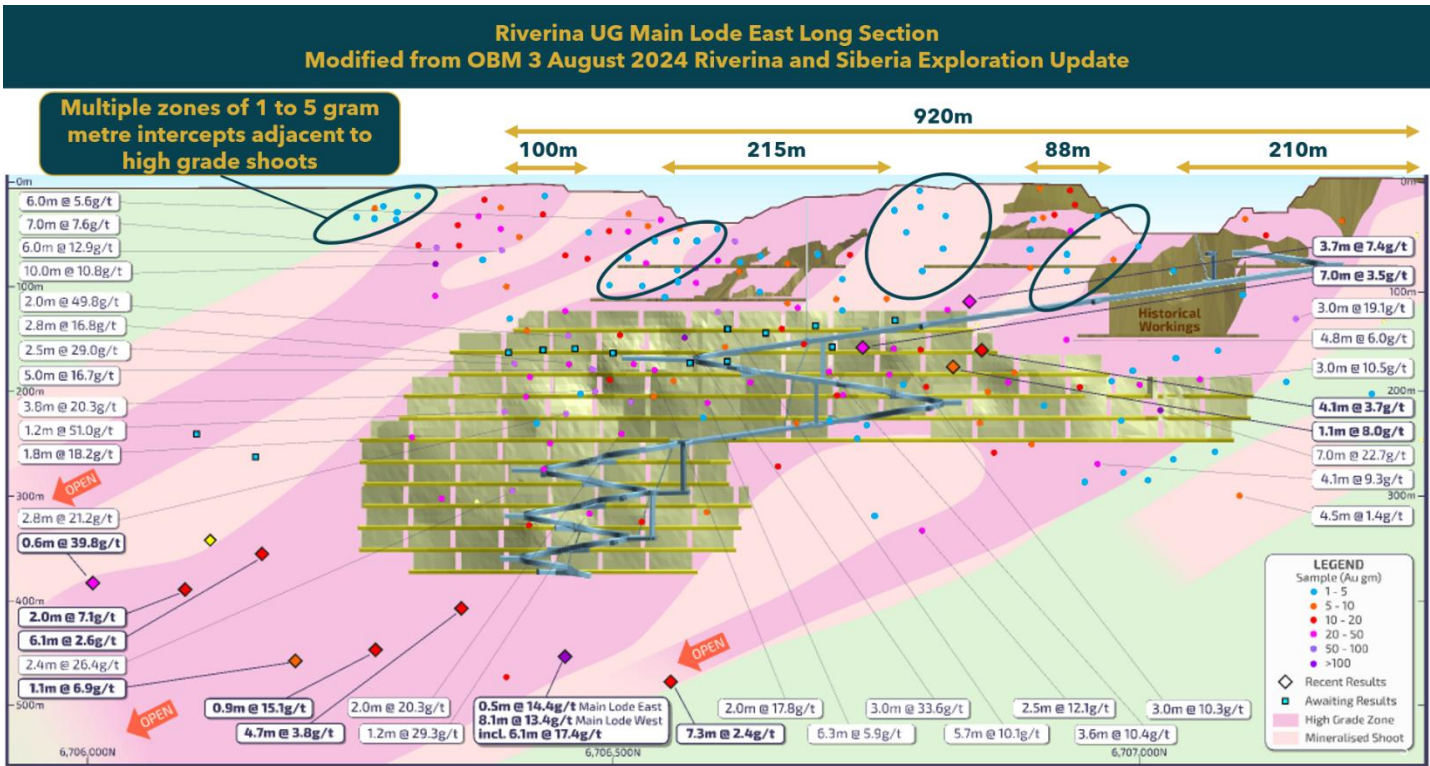
OBM Riverina Underground Mine Case Study



Exploration analogue for Viking's Zuleika Shear regional targets



Ore Drive



UG Main Lode - Long Section

Riverina East Project High Priority Targets

25km strike of Zuleika shear untested by bedrock drilling

OPPORTUNITY

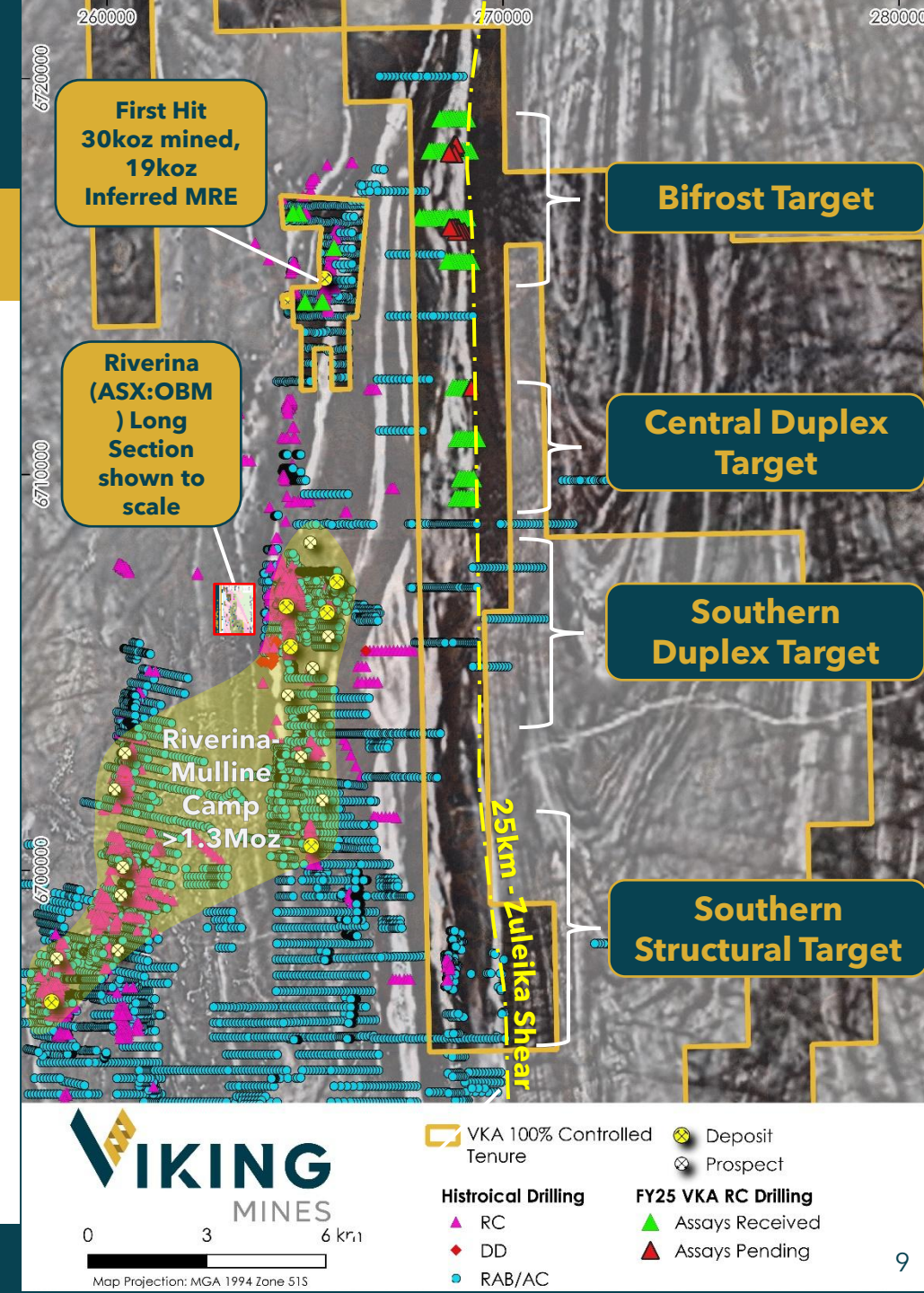
- Greenfields ground - no bedrock drill testing for >23km before Viking commenced activity in November 2024
- Same stratigraphic position as the >1.2Moz Au Central Davyhurst Camp (ASX:OBM) 40km south
- Immediately adjacent to the >1.3Moz Riverina-Mulline Camp (ASX:OBM)

EXPLORATION STRATEGY

- Targeting narrow vein high grade deposits typical of this setting
- Heel to toe drill traverses provide full coverage of the geology
- 1-5 gram metre intercepts define mineralised pathways for follow up

ACTIVITY

- Systematic phased exploration underway with ~13,400m RC Drilling completed from ~20,000m budgeted programme
- Early stage success with discovery of new gold structures
- Geochemistry proving effective
- More than half the strike length yet to see first pass regional drilling

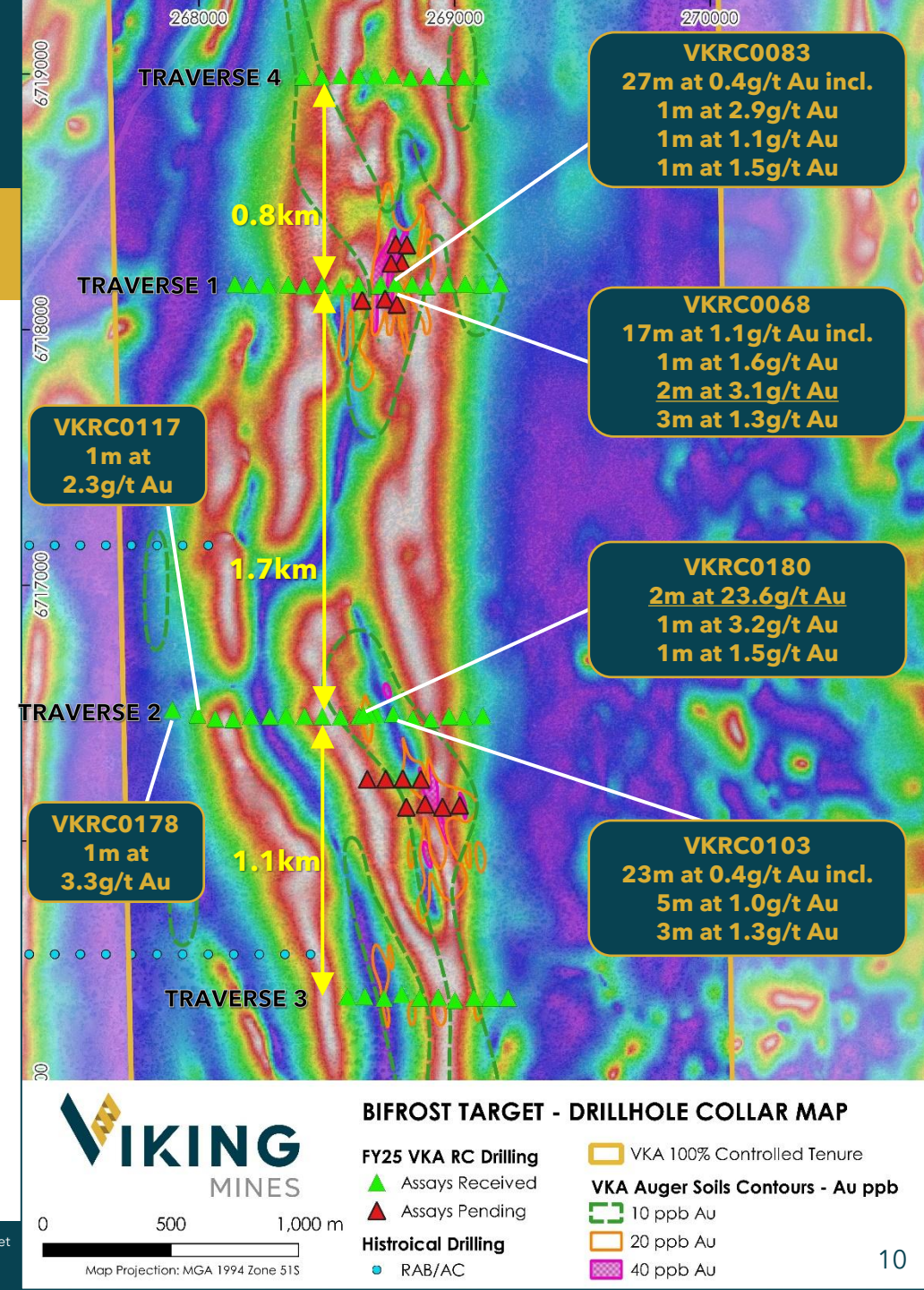


Riverina East Project Bifrost Target

Discovery Success With the Drill Bit

RESULTS

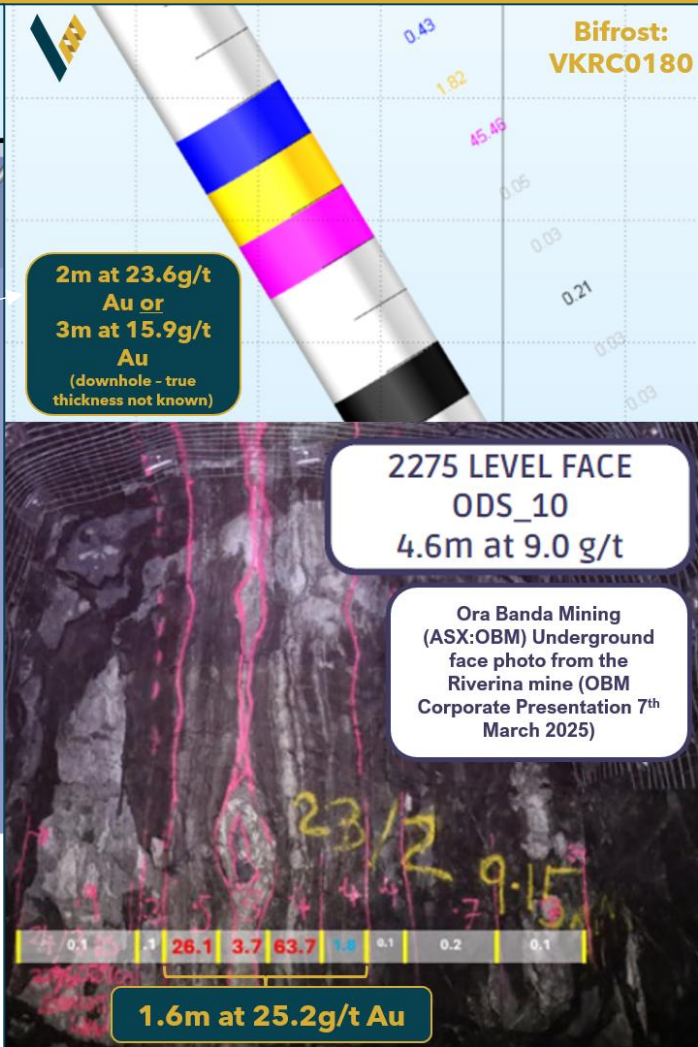
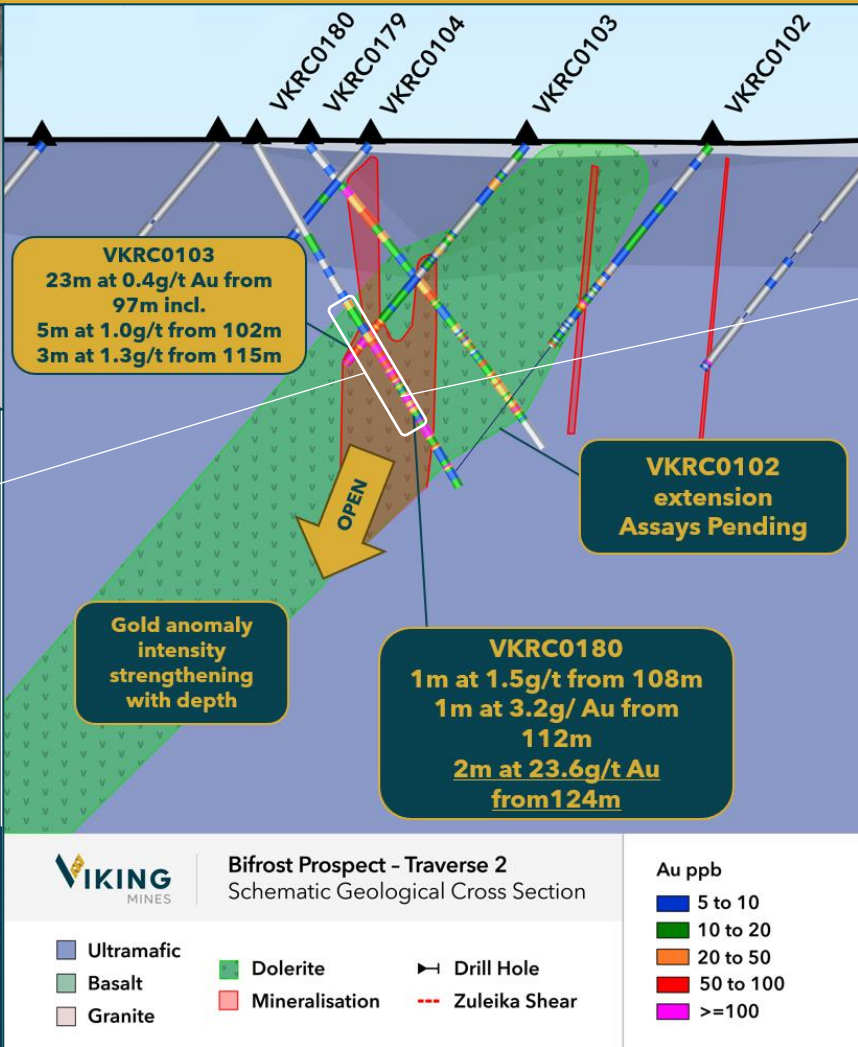
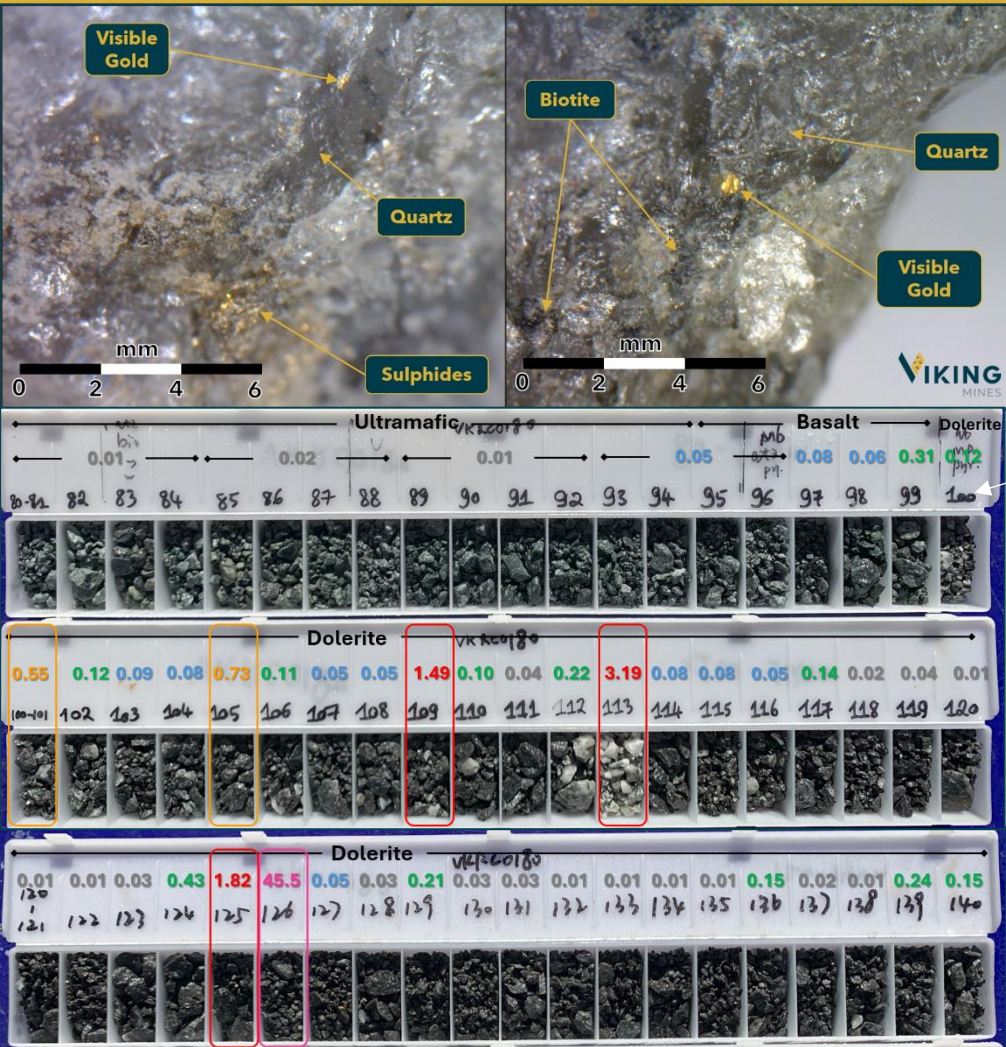
- 2 x large gold anomalies defined from infill auger drilling
- Material discovery success delivered on 2 traverses 1.7km apart
 - **17m at 1.1g/t Au** with peak values **up to 3.18g/t Au**ⁱ
 - **5m @ 1.0g/t Au** and **3m @ 1.3g/t Au**ⁱⁱ
- High-grade narrow vein discovered in VKRC0180
 - **2m at 23.6g/t Au**ⁱⁱⁱ (visible gold)
 - Analogous to the high-grade Riverina & First Hit mines
- Confirms gold pathways in this genuine unexplored greenstone
- Favourable dolerite host rock intersected
- Planning underway for immediate follow up drilling to test for high-grade extensions



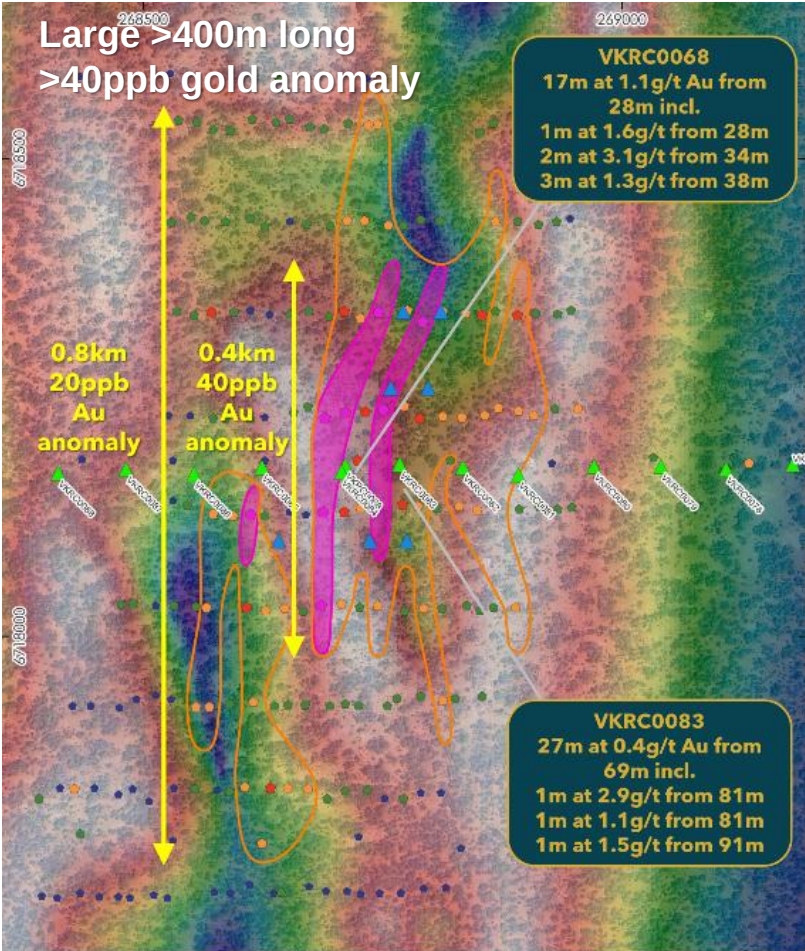
Riverina East Project Bifrost Target Traverse 2ⁱ



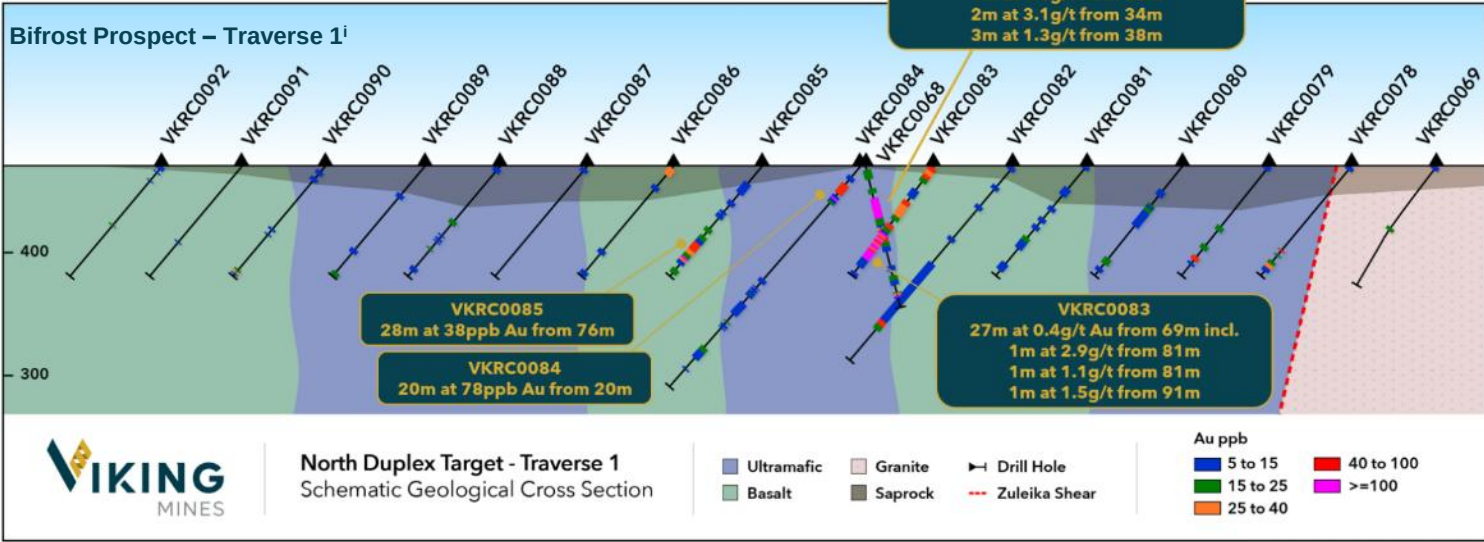
High grade veins in good host rocks with grade increasing with depth



Bifrost - Traverse 1



Chip samples from VKRC0068 and analysis results reported as g/t gold. 17m at 1.1g/t Au from 28m with higher grade intercepts up to 3.2g/t as annotated.

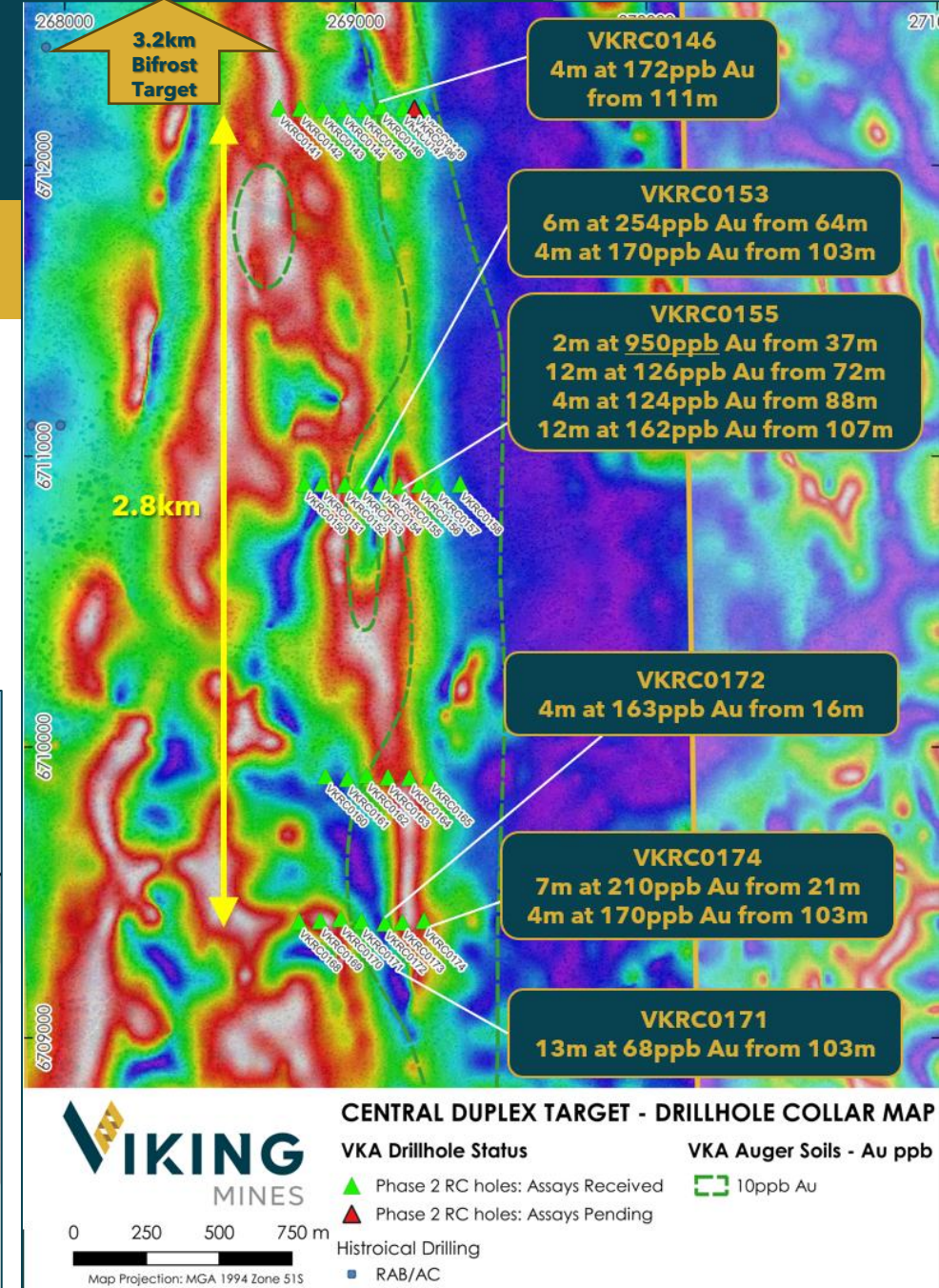
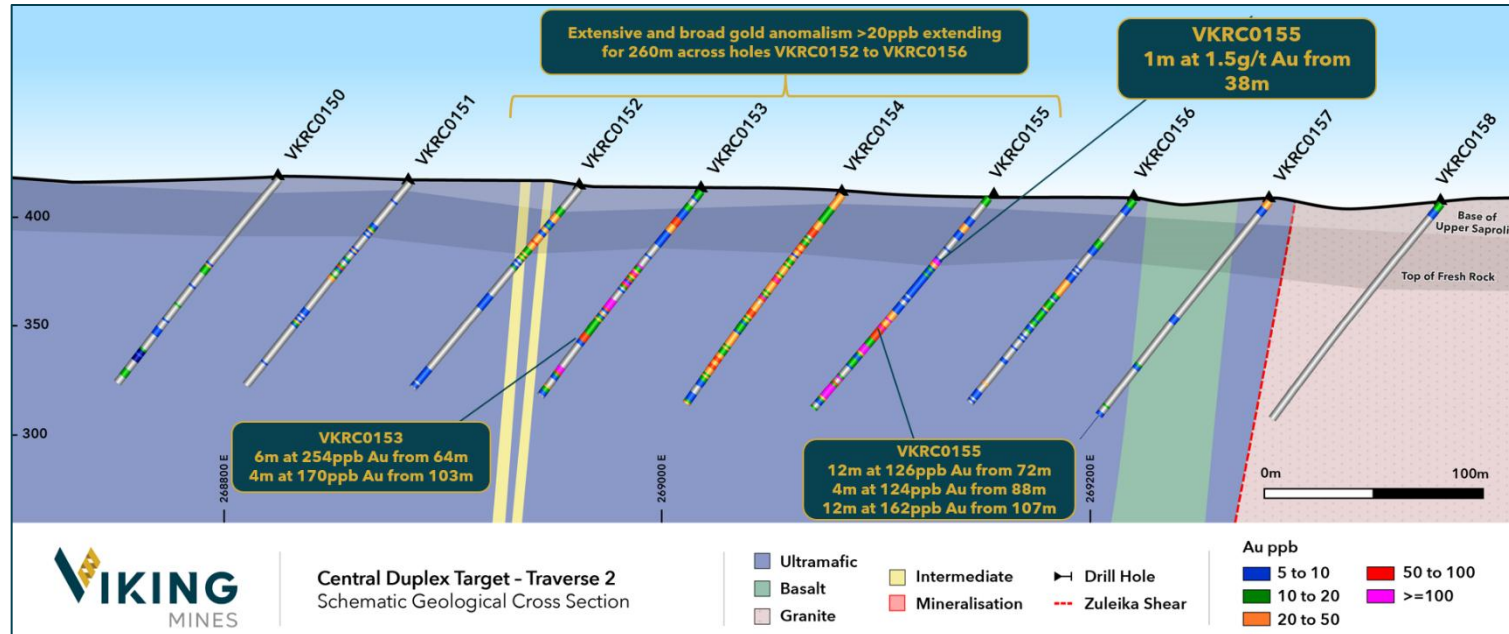


Riverina East Project Central Duplex Target

Central Duplex Target returning strong gold anomalies

RESULTSⁱ

- 260m wide, strongly anomalous zone indicative of substantial mineralised fluid flow
- Peak grades up to 1.5g/t Au (VKRC0155)
- Structures identified, further follow up work required

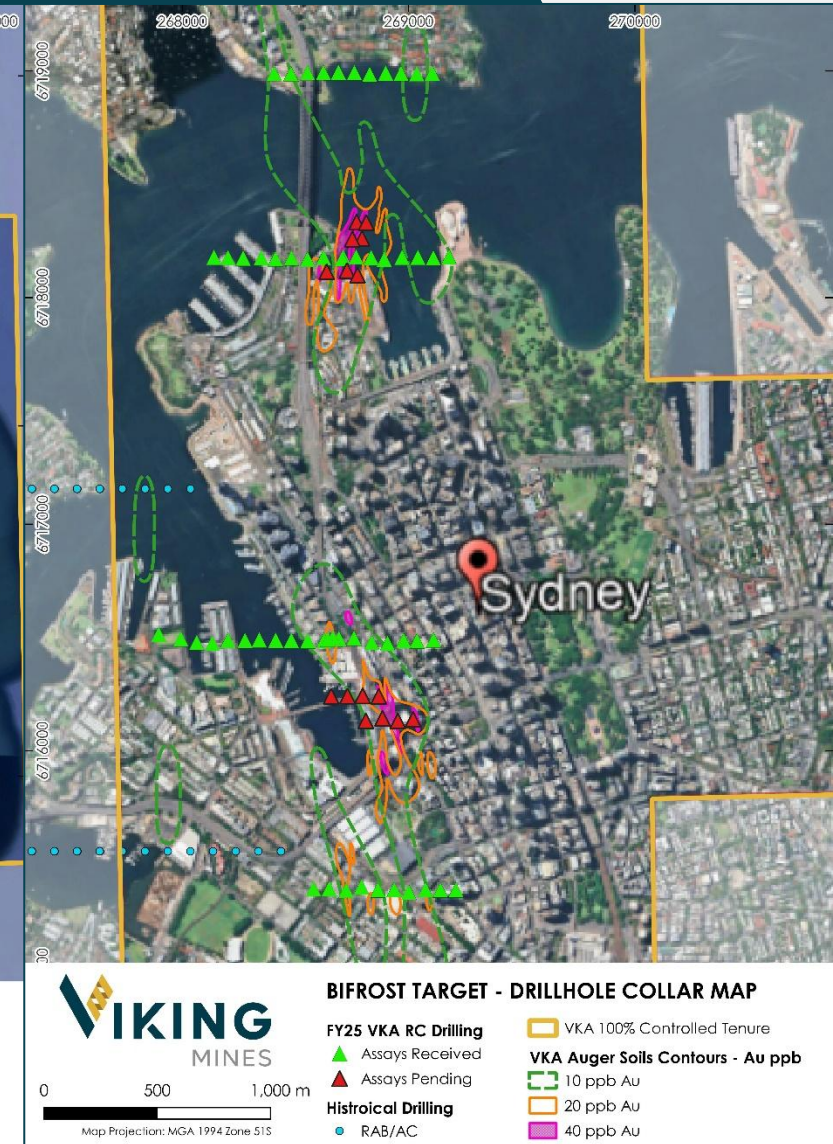
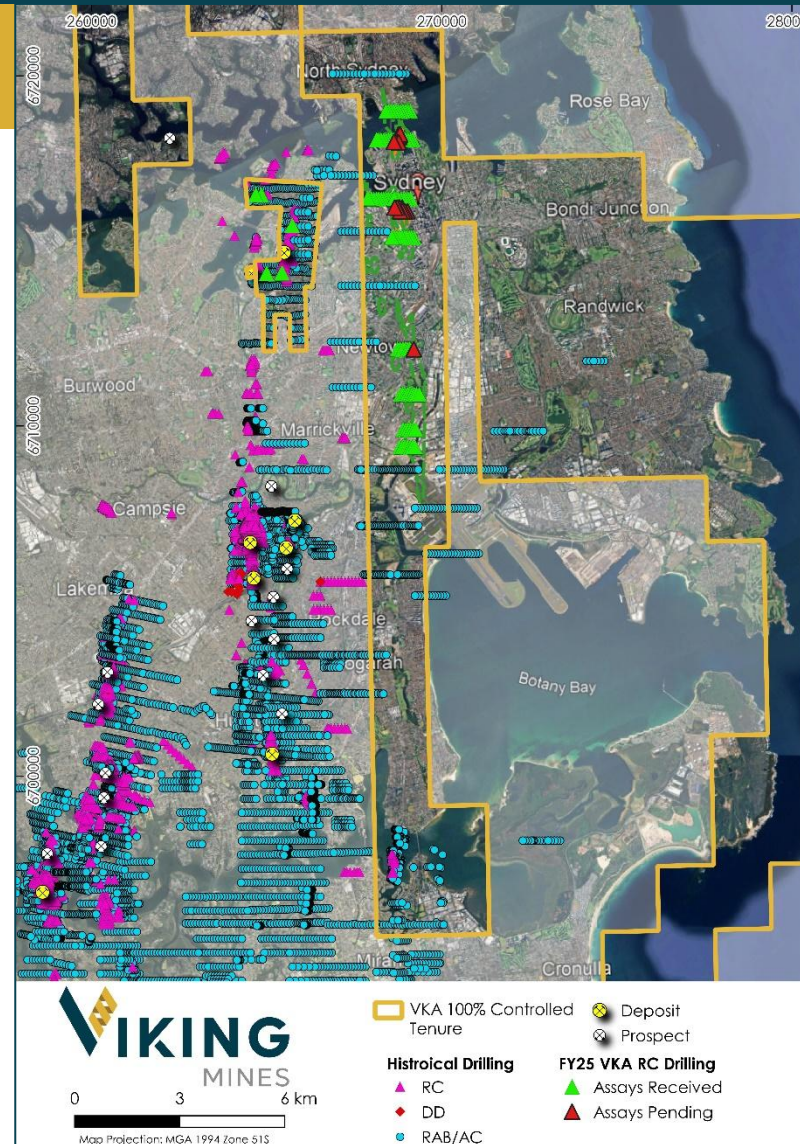


Riverina East Project It's all about the scale



KEY TAKEAWAYS

- Greenfields exploration next to multimillion ounce high-grade camps
- The scale is huge but being systematically worked
- Geochemistry delivering large gold anomalies and pathfinder elements (As, Bi, Te, Sb, W)
- Wide spaced drilling is delivering success
- Targeting high-grade narrow veins (<2m) and finding them, VKRC0180 **2m at 23.6g/t Auⁱ**
- Broad zones of strong gold anomalism confirm mineralising fluid pathways
- Ora Banda Mining (\$1.95B Mcap) neighbour with mill 40km to South



Viking Mines Advancing Projects to Add Value



Key Workstreams

RIVERINA EAST GOLD PROJECT

- Ongoing aggressive exploration programme testing high-priority targets along 25km strike length of greenfields tenure
- Remaining assays from Phase 2 drilling pending
- Fully funded follow up drilling to commence in the June quarter
- Underground mining evaluation for the First Hit Mine MRE

CANEGRASS BATTERY MINERALS PROJECT

- V₂O₅ purification and electrolyte production testwork
- Mining lease application



Investment Case

- Western Australian portfolio of Gold and Critical Mineral Vanadium projects near existing operations and infrastructure
- Large 480km², highly prospective and untested land package on the prolific Zuleika Shear - host to multi-million ounce endowment
- Aggressive exploration programme delivering results with high grade narrow veins discovered - assays up to 43.6g/t Auⁱ
- Exploration strategy delivered a gold discovery in a greenfields area with no bedrock RC drilling for >23km
- Historic First Hit Gold Mine on a granted mining lease with high value unmined Resource of 83.8k tonnes at 7.0g/t Au for 19.0k ouncesⁱⁱ
- Canegrass Vanadium Project with high-grade pit constrained MRE of 61Mt @ 0.81% V₂O₅ & 35.9% Fe
- Fully funded work programmes with \$3.4M (end Mar Q FY25)

Supplementary Information: Canegrass Battery Minerals Project

An advanced Vanadium Project
providing substantial opportunity
in the growing long duration
energy storage sector



Vanadium Critical, Industrial and Battery Mineral



Established Critical Mineral with Massive Growth Potential

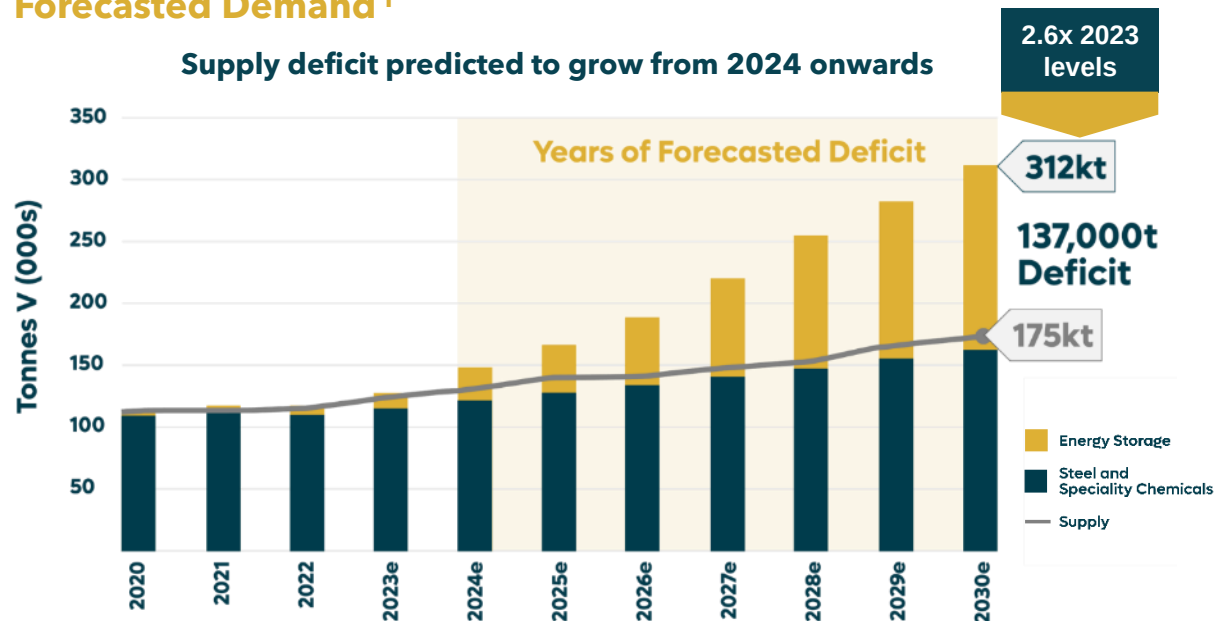
Market Supply ⁱ

Total global supply ~120Kt vanadium pa



Forecasted Demand ⁱ

Supply deficit predicted to grow from 2024 onwards

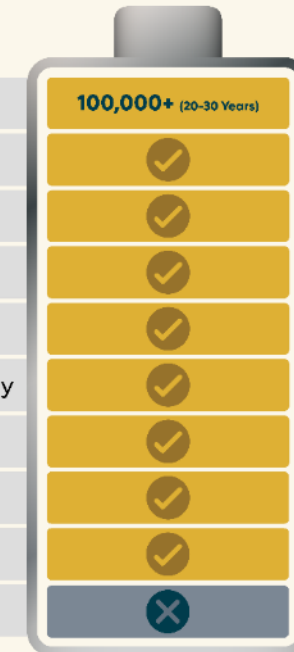


Significant advantages over Li-Ion batteries

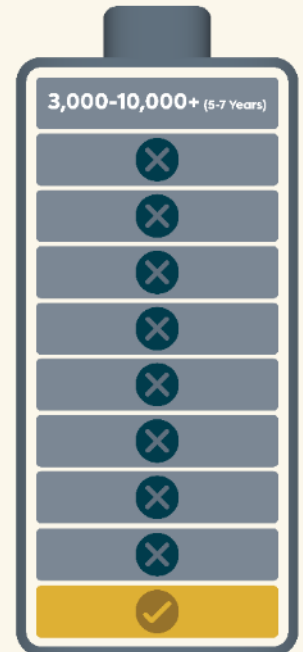
Number of Cycles	100,000+ (20-30 Years)
Low Self Discharge (Stays Charged)	✓
Low Environmental Footprint	✓
Easily Expandable	✓
High Thermal Stability	✓
Charges and Discharges Simultaneously	✓
Can Release Energy Instantaneously	✓
Suitable for Connection to Power Grid	✓
Can be Completely Recycled	✓
Small Footprint	✗

Source: Energy & Capital

Vanadium



Lithium




No Degradation


Low \$/kWh over battery life


Non-flammable

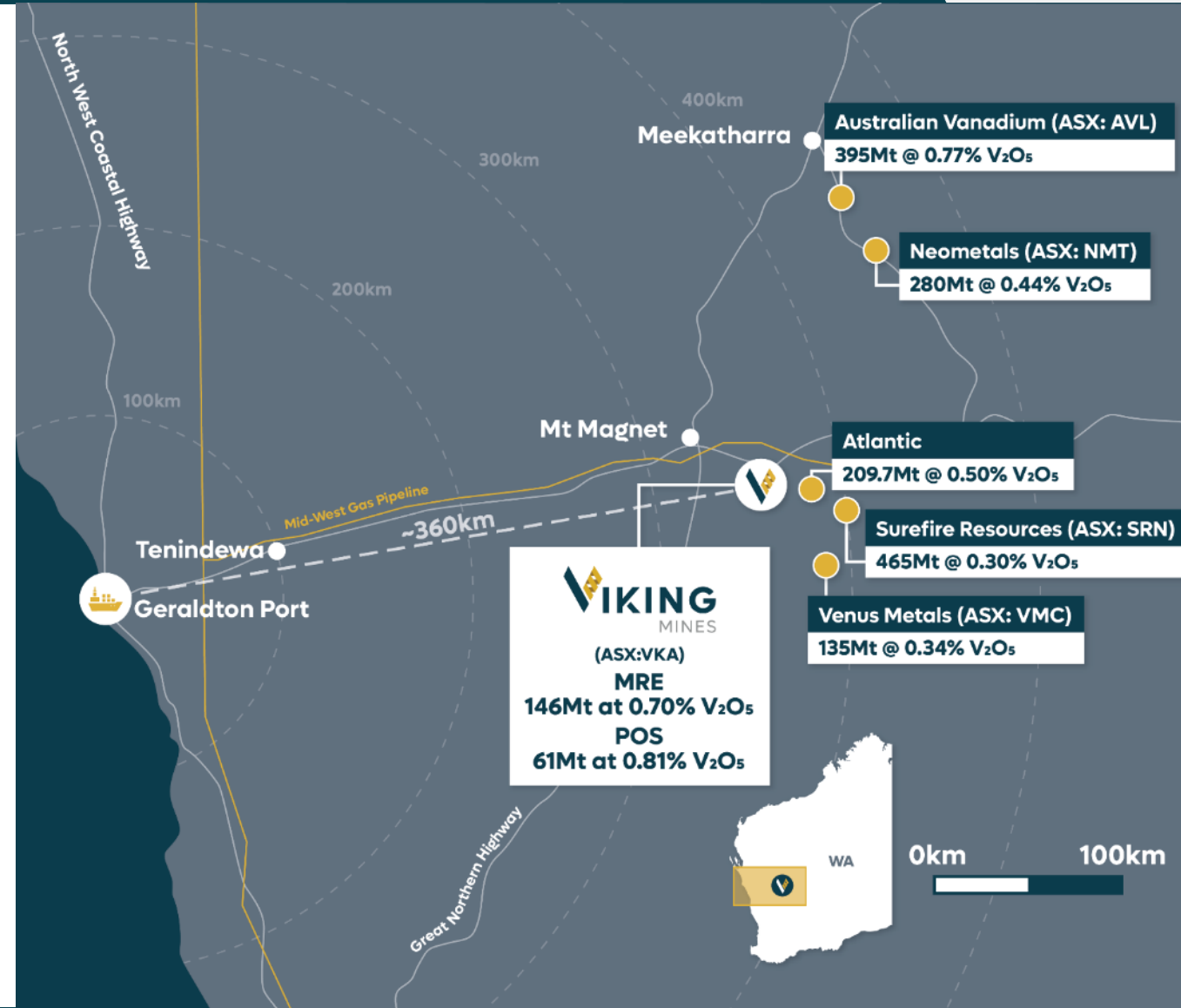

Fully Recyclable


Simple Capacity Expansion

Canegrass Battery Minerals Project



- Significant **Vanadium Resource, 100% owned** following recent Share Sale Agreement with Red Hawk Mining (ASK:RHK)ⁱⁱ
- 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% V₂O₅, 31.8% Fe & 6.6% TiO₂** (>0.5% V₂O₅ cut-off)ⁱⁱⁱ
- **Pit Constrained MRE 61Mt @ 0.81% V₂O₅ & 35.9% Fe** (>0.7% V₂O₅ cut-off)^{iv}
- Substantial value of the Project not reflected in VKA Market Cap (**EV of \$7.77M**)

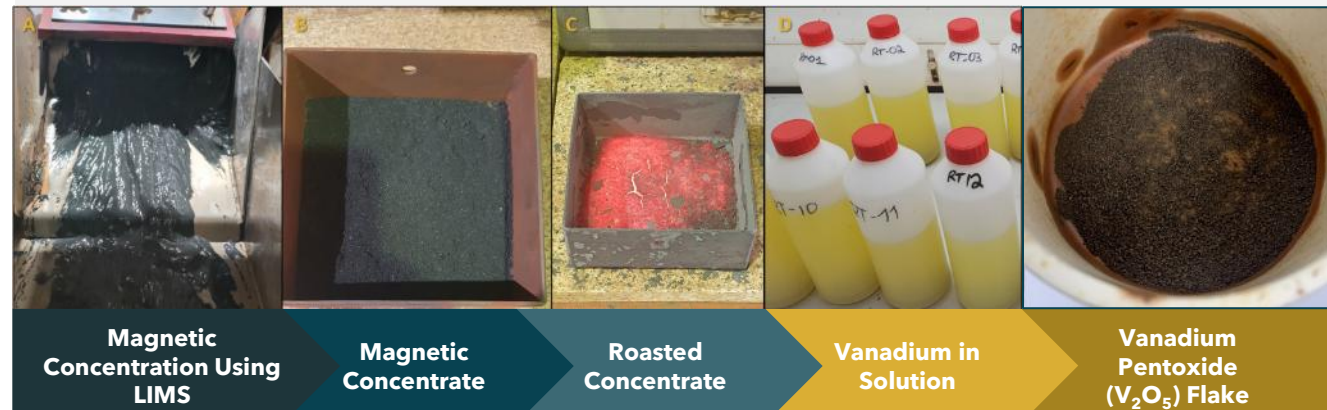
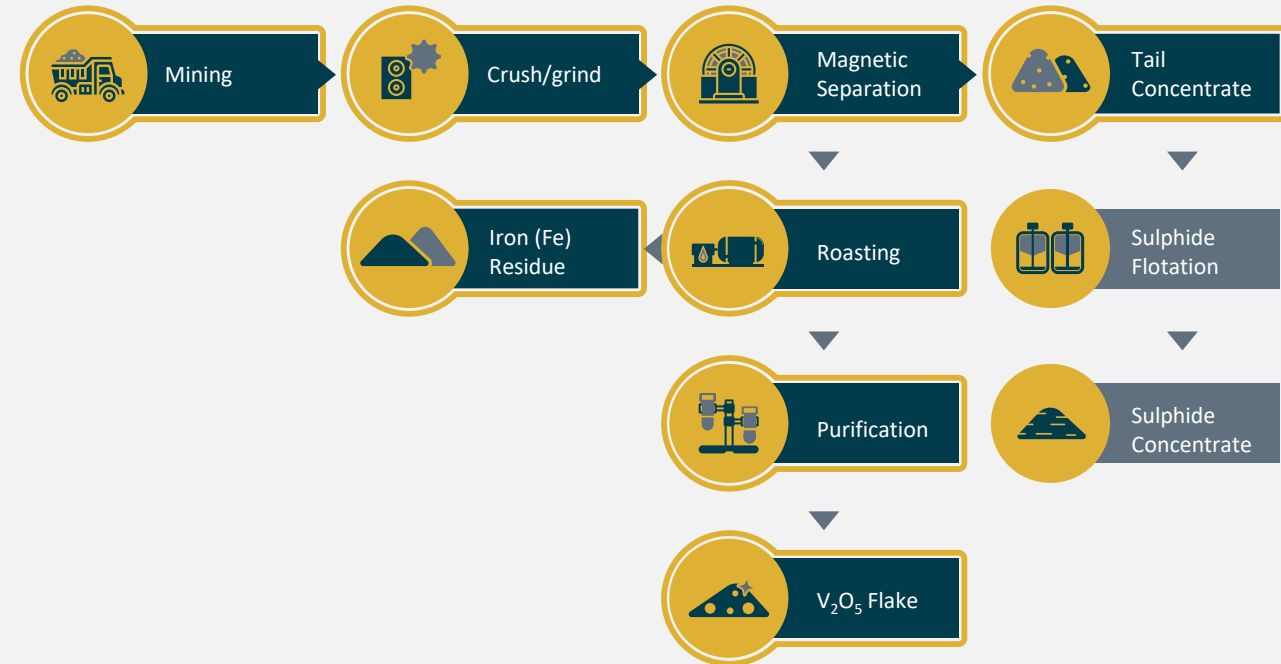


Flow Sheet Optimisation Underway^{i,ii,iii}



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% V₂O₅, 59% Fe & 11.7% TiO₂** from Low Intensity Magnetic Separation (LIMS)
- **Roasting liberates Vanadium** ahead of purification;
 - **V₂O₅ recoveries up to 93.2%** from magnetic concentrate roasting
 - **86.7% V₂O₅ total recovery** from ore feed to Vanadium Solution
- **Vanadium Pentoxide (V₂O₅) Flake produced**
 - Final purification step testwork ongoing
 - Targeting high purity V₂O₅ and electrolyte products which attract premium pricing



Appendix 1 – Vanadium Company Snapshot



COMPANY	VIKING MINES (ASX:VKA)	AUSTRALIAN VANADIUM (ASX:AVL)		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 ₂ O ₅	395.4Mt @ 0.77% V ₂ O ₅		135Mt @ 0.34% V ₂ O ₅	465Mt @ 0.30% V ₂ O ₅	280Mt @ 0.44% V ₂ O ₅	209.7Mt @ 0.50% V ₂ O ₅
MINERAL RESOURCES	Inferred: 146Mt @ 0.70% V₂O₅ TOTAL: 146Mt @ 0.70% V₂O₅ (Source: VKA 20 November 2023) POS MRE: 61Mt @ 0.81% V₂O₅ & 35.9% Fe (Source: VKA 18 March 2024)	Measured: 30.6Mt @ 1.13% V₂O₅ Indicated: 136.6Mt @ 0.85% V₂O₅ Inferred: 228.2 @ 0.66% V₂O₅ TOTAL: 395.4 @ 0.77 V₂O₅ (Source: AVL 7 May 2024)		Measured: 31.55Mt @ 0.33% V₂O₅ Indicated: 54.37Mt @ 0.33% V₂O₅ Inferred: 48.82Mt @ 0.36% V₂O₅ TOTAL: 134.73Mt @ 0.34% V₂O₅ (Source: VMC 18 March 2019)	Measured: 25.3Mt @ 0.35% V₂O₅ Indicated: 113.2Mt @ 0.32% V₂O₅ Inferred: 326.1Mt @ 0.28% V₂O₅ TOTAL: 465Mt @ 0.30% V₂O₅ (Source: SRN 5 December 2023)	Indicated: 187Mt @ 0.46% V₂O₅ Inferred: 93Mt @ 0.40% V₂O₅ TOTAL: 280.1Mt @ 0.44% V₂O₅ (Source: NMT May 16, 2023)	Measured: 34.6Mt @ 0.49% V₂O₅ Indicated: 123.5Mt @ 0.50% V₂O₅ Inferred: 51.6Mt @ 0.50% V₂O₅ TOTAL: 209.7Mt @ 0.50% V₂O₅ (Source: https://atlanticptyltd.com.au/projects/windimurra/geology-reserves-resources)
ORE RESERVES	n/a	Proved: 1.12Mt @ 0.95% V₂O₅ Probable: 43.36Mt @ 0.89% V₂O₅ TOTAL: 44.48Mt @ 0.89% (Source: https://www.tmtlimited.com.au/murchison-technology-metals-project/mineral-resources-ore-reserves/)	Proved: 10.5Mt @ 1.11% V₂O₅ Probable: 20.4Mt @ 1.07% V₂O₅ TOTAL: 30.9Mt @ 1.09% V₂O₅ (Source: https://www.australianvanadium.com.au/our-assets/the-australian-vanadium-project/)	n/a	Probable: 93Mt @ 0.35% V₂O₅ TOTAL: 93Mt @ 0.35% V₂O₅ (Source: https://www.surefireresources.com.au/project/vanadium-resources/)	Probable: 27.6Mt @ 0.57% V₂O₅ TOTAL: 27.6Mt @ 0.57% V₂O₅ (Source: https://wcsecure.weblink.com.au/pdf/NMT/02666246.pdf)	Probable: 87.5Mt @ 0.49% V₂O₅ TOTAL: 87.5Mt @ 0.49% V₂O₅ (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

Appendix 2 – Canegrass Mineral Resource Estimate



Global MRE ⁱ

Model	Deposit	Cut-Off V ₂ O ₅ %		JORC (2012) Classification	Volume	Density	Tonnes	Tonnage (Mt)	V ₂ O ₅ %	Fe %	Fe ₂ O ₃ %	TiO ₂ %	Cu %	Ni %	Co %	Al ₂ O ₃ %	SiO ₂ %	P %	P ₂ O ₅ %	LOI %	V ₂ O ₅ T	V ₂ O ₅ BLbs	Mt Fe	Mt TiO ₂	Cu T	Ni T	Co T
November 2023 Model	Fold Nose	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
		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
		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
	Kinks South	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
		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
		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
		>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
	Kinks	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
		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
		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
	Combined	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
		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
		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 ₂ O ₅	JORC (2012) Classification	Tonnage (Mt)	V ₂ O ₅ %	Fe %	Cu %	Ni %	Co %	TiO ₂ %
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



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