Paydirt Battery Minerals Conference PANORAMIC RESOURCES LIMITED Victor Rajasooriar, Managing Director and CEO 6 April 2022 PANORAMIC

**ASX: PAN** 

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## CORPORATE OVERVIEW

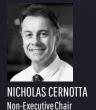
PANORAMIC

**RESOURCES LTD** 

#### Share price performance



#### **Experienced Board and Management Team**





REBECCA HAYWARD Non-Executive Director



VICTOR RAJASOORIAR Managing Director & CEO



PETER SULLIVAN Non-Executive Director



GILLIAN SWABY Non-Executive Director

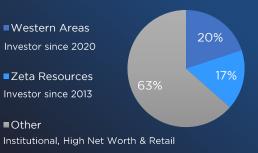


GRANT DYKER Chief Financial Officer

Capital structure	Current*
Shares on Issue	2,051m
Options on Issue	28.5m
Share Price	A\$0.365
Market Capitalisation	A\$749m
Cash (31 Dec 2021)	A\$11.2m
Debt Drawn (31 Dec 2021)	US\$30m
Undrawn & Available Debt Facility (31 Dec 2021)	US\$15m
Enterprise Value	A\$780m *As at 05/04/2

\*As at 05/04/22

#### Shareholder composition



## **PATHWAY TO RESTART - COMPLETE**

- Detailed feasibility study completed in April 2021
- Contractor mining and processing strategy executed
- Meaningful improvement in nickel price outlook
- Infrastructure well maintained and all permits in place
- US\$45M debt financing secured with US\$30M drawn
- Offtake agreement secured until February 2028

#### KEY HIGHLIGHTS

Ni production	9,072t p.a.
Cu production	4,683t p.a.
Co production	676t p.a.
Life of Mine	12 years
All-in Cost <sup>1</sup>	A\$6.36/lb Ni
Pre-tax cashflow <sup>2</sup>	A\$610M
Pre-tax NPV <sub>8</sub> <sup>2</sup>	A\$353M

#### Trafigura Finance facilities<sup>3</sup>

- Secured US\$45m loan/revolving credit facilities
- No penalty for voluntary or early repayments
- No mandatory hedging
- Interest only payments until September 2022

#### Trafigura Offtake agreement<sup>3</sup>

- 100% Savannah production
- Five-year offtake from 2023 2028
- Commences at end of Jinchuan offtake
- Attractive payabilities

**LOM Metrics** Annual production: ~15,000tpa (NiEq)

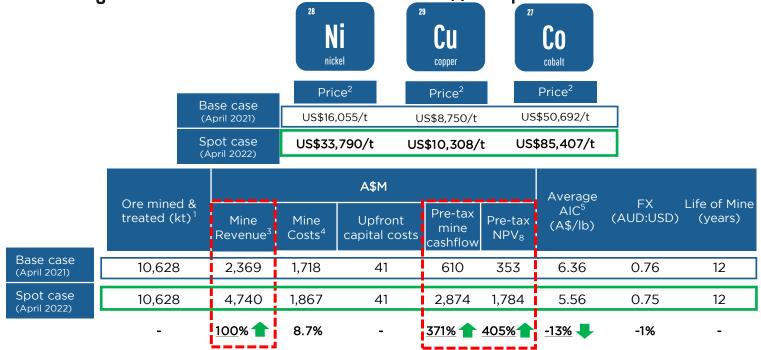
Grade: 1.8% (NiEq)



All-in costs (AIC) are inclusive of all site and transport operating costs, capital costs, royalties, and net of by-product credits, but exclusive of corporate, funding and exploration costs.
 Calculated using Base Case pricing of (US\$16,055/t Ni, US\$8,750/t Cu, US\$50,692/t Co) and AUD:USD rate of 0.76
 For full details refer ASX release 6 April 2021

### **ATTRACTIVE FINANCIAL METRICS**

Excellent leverage to the electrification thematic and commodity price upside



Refer to the announcement "Updated Savannah Ore Reserve and Mine Plan" dated 31 July 2020. All material assumptions underpinning the production targets, and the forecast financial information derived from those production targets, which are referred to in the original announcement, continue to apply and have not materially changed.

1. Life of mine production of 10,628 kt @ 1.23% Ni, 0.54% Cu, and 0.08%% Co.

2. Pricing based on third shipment since restart - 1 April 2022 (i.e. Ni US\$33,790/t, Cu US\$10,308/t, Co US\$85,407/t) and AUD: USD 0.75 FX .

Nickel + copper + cobalt

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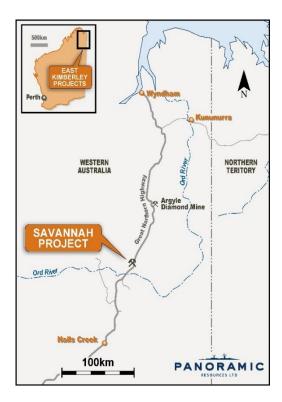
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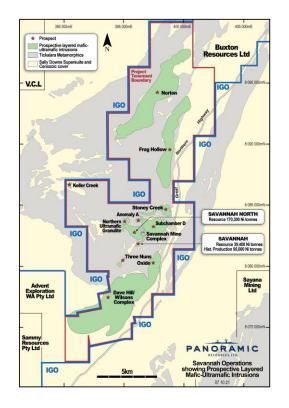
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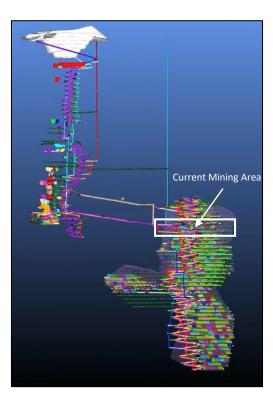
4. Total capital and operating costs

5. Payable Ni, inclusive of all site and transport operating costs, capital costs, royalties, and net of by-product credits, but exclusive of corporate, funding and exploration costs

## **SAVANNAH NICKEL-COPPER-COBALT PROJECT**









### **MINE LAYOUT** (also available at https://panoramicresources.com/savannah-project/)





## **MINING OPERATIONS**

- Underground mining since July 2021 (via Barminco)
- Labour outlook
  - NT/WA borders now opened
  - Mining labour availability has increased from ~70% to current rate of ~90%
  - Positive recruitment feedback and new entrants coming through
  - Fitters continue to be a challenge and plans underway to manage shortfalls / recruit
- End of March quarter
  - ~ 30,000t of ore on ROM stockpile
  - ~ 25,000t of broken stock UG
- Mining ramping up successfully:
  - Ore mined +40%; and
  - contained nickel metal +50% from December quarter 2021 to March quarter 2022.



Surface Tele-remoting



Paste plant operational

6MW Chiller Plant



## **PROCESSING OPERATIONS**

- Processing running at 70% (55,000t) as operation ramps up over 9 months
- 98.5% of the workforce WA based and fully manned (via Primero)
- Concentrate being produced @ 7% to 7.5% Ni in accordance with plan
- 3<sup>rd</sup> shipment departed 1st April with 10,347t of concentrate loaded (237t left behind at port and 200t left behind at site)
- 3<sup>rd</sup> ship revenue of AUD\$ 29.2M. Highest revenue achieved per ship since recommencement of operations
- Q on Q performance can be seen on table
- Expecting shipments in late May and late June (4 this half)



First shipment of concentrate being loaded onto ship at Wyndham Port

Table 2: Processing physicals achieved at Savannah*							
Area	Details	Units	Mar Qtr 2022	Dec Qtr 202			
	Ore milled	dmt	148,709	123,682			
	Ni grade	%	1.12	0.99			
	Cu grade	%	0.59	0.55			
Milling	Co grade	%	0.07	0.06			
	Ni recovery	%	75.43	63.59			
	Cu recovery	%	91.71	82.19			
	Co recovery	%	81.17	71.40			
	Concentrate	dmt	17,498	11,115			
	Ni grade	%	7.18	7.01			
	Ni Metal contained	dmt	1,256	779			
Concentrate Production	Cu grade	%	4.58	5.03			
	Cu Metal contained	dmt	802	559			
	Co grade	%	0.46	0.48			
	Co Metal contained	dmt	81	53			
	Concentrate	dmt	18,162	10,029			
	Ni grade	%	7.16	7.02			
	Ni Metal contained	dmt	1,300	704			
Concentrate Shipments	Cu grade	%	4.57	5.05			

Cu Metal contained

Co Metal contained

Co grade

dmt

%

dmt

831

0.44

80

\* Mar Qtr numbers are yet to be reconciled

506

0.48

48

### **FY22 EXPLORATION PLAN** Commitment of \$4M towards exploration programs in FY22

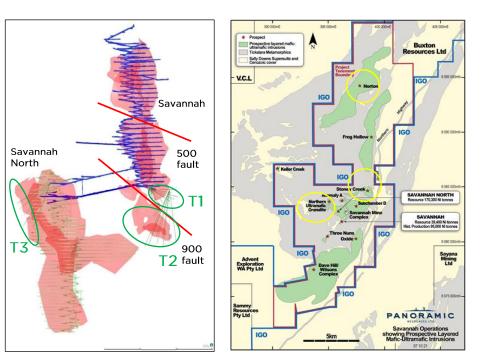
 FY22 exploration program consists of over 15,000 metres of drilling at surface and underground

#### Underground (Savannah and Savannah North)

- T1 (Savannah above the 900 fault) planned H2 FY22
- T2 (Savannah below the 900 fault) planned H1 FY23
- T3 (Savannah North Eastern extensions) Underway

#### Surface

- Regional targets include:
  - Stoney Creek downhole EM followed by drilling -April 2022
  - Follow up of Northern Ultramafic Granulite
    April 2022
  - Norton Land access agreement completed, with heritage survey scheduled for FY23





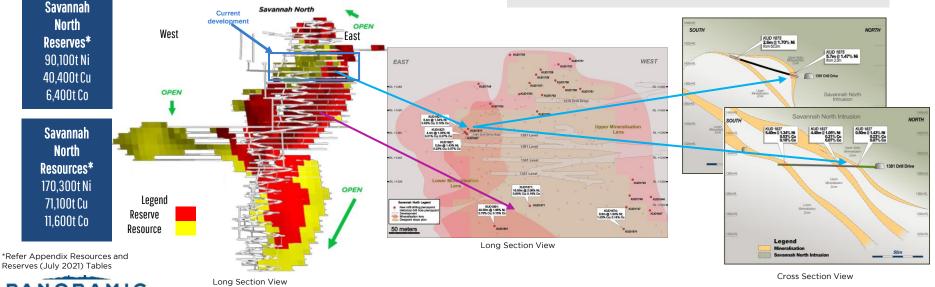
### **EXPLORATION PATHWAY TO EXTENDING MINE LIFE** Savannah North exploration upside

- A significant Inferred Resource sits adjacent to the current Ore Reserve and in close proximity to the planned underground workings
- Priority areas targeted to increase Savannah North Resource and Reserve base:
  - 1. Upper Zone up plunge to the east H2 FY22
  - 2. Upper Zone down plunge to the north-west H2 FY22
  - 3. Lower Zone down plunge to the north FY23+

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#### **New Nickel Zone Confirmed**

- New zone of semi-massive sulphide mineralisation intersected during infill drilling (lower mineralisation lens)
- Discovery hole returns 5.7m @ 1.47% Ni, 0.63% Cu and 0.07% Co from 3.3m with grades similar to the overall Savannah Mineral Resource
- New splay proximal to the eastern zone of the Upper Mineralisation Lens at Savannah North in an area close to existing underground workings
- Assays returned for Resource Drilling of the primary target in the Upper Mineralisation Lens at Savannah North in line with expectations



### BUILDING A BUSINESS FOCUSSED ON SUSTAINABILITY Seeking to improve sustainability in production

- Class 1 nickel comprises ~30% of global supply, yet accounts for <10% of carbon emissions within the Nickel industry
- Reduction of carbon footprint is a key opportunity for the business to improve its sustainability performance
- Investigations into renewable energy pathways include:
  - Utilisation of existing nearby infrastructure (12MW hydro)
  - Solar farm with PAYG option (13.2MW)
  - Wind Turbine with PAYG option (4.5MW)
- Utilisation of EV fleet in underground mining would improve outcomes of health, safety, sustainability and reduce costs
- Community Support programs
- Focussing on local employment within the community
- 'Bridge the Gap' rural education partnership with Teach Learn Grow
- Supporting communities in which we operate to bridge the education gap
- Royalties to Traditional Owners of \$14M+ since mining commenced



Schematic of potential solar array at Savannah operations



TLG exercise at Wyndham high school



Traditional smoking ceremony for operational restart



### **SUMMARY AND OUTLOOK**

Safe restart of Savannah operations completed, backed by significant body of preparatory work to de-risk Focus on safe ramp up of operations following completion of first shipment in December 2021 Offtake agreements in place until 2028 with financing package and strong balance sheet

LOM<sup>1</sup> All-in Cost A\$5.56/lb Ni provides significant leverage to the demand outlook for nickel 12 year mine life with attractive financial outcomes<sup>2</sup> NPV<sub>8</sub> of A\$1.8 billion and \$2.9 billion in cashflow

High quality, cash generative nickel sulphide asset with near mine Resource extension potential

### .... Right time, right place, right commodity



Life of mine production of 10,628 kt @ 1.23% Ni, 0.54% Cu, and 0.08%% Co
 Pricing based on third shipment since restart - 1 April 2022 (i.e. Ni US\$33,790/t, Cu US\$10,308/t, Co US\$85,407/t) and AUD:USD 0.75 FX.





# **APPENDICES**

### SAVANNAH PROJECT MINERAL RESOURCE ESTIMATE

Resource	Date	Metal	JORC	Measured		Indicated		Inferred		Total		Metal
			Compliance	Tonnes	(%)	Tonnes	(%)	Tonnes	(%)	Tonnes	(%)	Tonnes
Savannah (above 900F)	Apr 20	Nickel	2012	1,010,000	1.44	565,000	1.77	-	-	1,575,000	1.56	24,500
		Copper			0.80		1.44				1.03	16,200
		Cobalt			0.07		0.08				0.07	1,200
Savannah (below 900F)	Jun 15	Nickel	2012	-	-	780,000	1.64	125,000	1.72	905,000	1.65	14,900
		Copper			-		0.76		0.75	-	0.76	6,900
		Cobalt			-		0.10		0.09	-	0.10	900
Savannah North (Upper)	Apr 20	Nickel	2012	1,840,000	1.48	3,050,000	1.43	1,544,000	1.25	6,434,000	1.40	90,100
		Copper			0.66		0.57		0.42		0.56	35,900
		Cobalt			0.10		0.10		0.07		0.09	6,100
Savannah North (Lower)	Apr 20	Nickel	2012	-	-	2,654,000	1.84	958,000	1.67	3,612,000	1.79	64,800
		Copper			-		0.90		0.73		0.85	30,800
		Cobalt			-		0.13		O.11		0.12	4,500
Savannah North (Other)	Apr 20	Nickel	2012	46,000	1.71	414,000	1.34	470,000	1.93	930,000	1.66	15,400
		Copper			0.49		0.48		0.46		0.47	4,400
		Cobalt			0.12		0.09		0.12		0.11	1,000
Total		Nickel								13,456,000	1.56	209,800
		Copper									0.70	94,200
		Cobalt									0.10	13,700



### **SAVANNAH PROJECT MINERAL RESOURCE ESTIMATE**

Qualifying Statements and Notes:

Refer to ASX announcement dated 7 May 2020 covering the Savannah Project May 2020 Mineral Resource update for detailed assumptions and estimation methodologies. Figures have been rounded and therefore may not add up exactly to the reported totals. All Mineral Resources are inclusive of Ore Reserves. Mineral Resource cut-off grade is 0.50% Ni.

Cross references to previous Company ASX announcements:

Savannah (above 900F) – refer to ASX announcement of 30 September 2019, titled "Mineral Resources and Ore Reserves at 30 June 2019" Savannah (below 900F) – refer to ASX announcement of 30 September 2015, titled "Mineral Resources and Ore Reserves at 30 June 2015" Savannah North – refer to ASX announcement of 24 August 2016, titled "Major Resource Upgrade for Savannah North"

No New Information or Data

The Mineral Resource estimate tabled above for Savannah (below 900F), have been previously reported and the relevant market announcements cross referenced. Except where stated otherwise, the Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimate of Mineral Resources, that all material assumptions and technical parameters underpinning the estimate in the relevant market announcement continue to apply and have not materially changed.

#### Ni Equivalent References

References to Ni equivalent contained metal in Mineral Resources and Ore Reserves is based on assumed metal prices as noted in footnotes and calculated using the formula Ni Eq kt = (Ni kt \* Ni price + Cu kt \* Cu price + Co kt \* Co price) / Ni price. Ni equivalent grade % in Mineral Resources are calculated using the formula Ni Eq % = Ni Eq kt / Total Mineral Resource tonnes. It is the Company's opinion that all elements included in the metal equivalent calculation have a reasonable potential of being recovered and sold. Metallurgical recoveries for all metals are assumed to be equal.



## **SAVANNAH PROJECT ORE RESERVE ESTIMATE**

Ore Reserve	Metal	Prov	ed	Proba	ble	Total		Metal Tonnes
	Metai	Tonnes	(%)	Tonnes	(%)	Tonnes	(%)	Metal Tonnes
Savannah	Nickel	1,233,000	0.95	-	-	1,233,000	0.95	11,700
	Copper		0.66		-		0.66	8,100
	Cobalt		0.05		-		0.05	600
Savannah North	Nickel	1,795,000	1.21	5,246,000	1.28	7,041,000	1.28	90,100
	Copper		0.54		0.57		0.57	40,400
	Cobalt		0.09		0.09		0.09	6,400
Total	Nickel	3,028,000	1.10	5,246,000	1.28	8,274,000	1.23	101,800
	Copper		0.59		0.57		0.59	48,500
	Cobalt		0.07		0.09		0.08	7,000



## **SAVANNAH PROJECT ORE RESERVE ESTIMATE**

Qualifying Statements and Notes:

Calculations have been rounded to the nearest 1,000t of ore, 0.01% Metal grade and 100t of metal.

Savannah & Savannah North Ore Reserve average cut-off (NSR) of \$135/t.

No New Information or Data

The Mineral Reserve estimate tabled above for Savannah has been previously reported on 22 July 2021. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcement and, in the case of estimate of Mineral Reserves, that all material assumptions and technical parameters underpinning the estimate in the relevant market announcement continue to apply and have not materially changed.

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#### **Competent Person Statement**

The information in this presentation that relates to Ore Reserves for Savannah and Savannah North is based on information compiled by or reviewed by Shane McLeay. Mr McLeay is a fellow of the Australasian Institute of Mining and Metallurgy (AusIMM) and is a Principal Mining Engineer and full-time employee of Entech Consulting based in Perth, Western Australia.

