



### **Webcast Live at** VirtualInvestorConferences.com

Elevate Uranium Limited (ASX: EL8, OTCQX: ELVUF) ("Elevate Uranium" or the "Company") is pleased to invite shareholders, investors, advisors and analysts, to attend a real-time, interactive presentation on VirtualInvestorConferences.com. Please find a copy of the presentation following.

Murray Hill, managing director and CEO, will present live at VirtualInvestorConferences.com on November 8<sup>th</sup>, 2022, ET (US time zone).

**DATE**: Tuesday, November 8<sup>th</sup>, 2022 (US time zone)

TIME: 4:00 pm ET (US); Wednesday, November 9th 7:00 am WST (Sydney), 4:00 am WST (Perth)

LINK: https://bit.ly/3C7y59u

To arrange a 1x1 meeting please email murray.hill@elevateuranium.com.au

This will be a live, interactive online event where participants are invited to ask the company questions in real-time. If attendees are not able to join the event live on the day of the conference, an archived webcast will also be made available after the event.

It is recommended that investors pre-register and run the online system check to expedite participation and receive event updates.

Learn more about the event at www.virtualinvestorconferences.com.

#### **About Virtual Investor Conferences®**

Virtual Investor Conferences (VIC) is the leading proprietary investor conference series that provides an interactive forum for publicly traded companies to seamlessly present directly to investors.

Providing a real-time investor engagement solution, VIC is specifically designed to offer companies more efficient investor access. Replicating the components of an on-site investor conference, VIC offers companies enhanced capabilities to connect with investors, schedule targeted one-on-one meetings and enhance their presentations with dynamic video content. Accelerating the next level of investor engagement, Virtual Investor Conferences delivers leading investor communications to a global network of retail and institutional investors.

#### **CONTACTS:**

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#### **Authorisation**

This announcement has been approved for release by Murray Hill.



Presentation for Webcast Live at VirtualInvestor Conferences.com

8 November 2022

ASX: EL8

OTCQX: ELVUF

NSX: EL8





## Nuclear – Combating Climate Change

#### **Carbon Free Baseload Power**

- Global importance of decarbonisation and electrification
- Both require carbon free nuclear power to achieve stated goals
- Nuclear is central to the clean energy transition
- Nuclear provides reliable baseload power
- The world requires an increasing supply of uranium

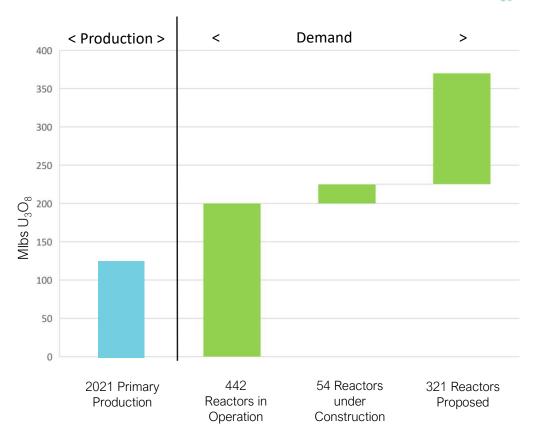




## **Uranium Shortage**

## **Supply Side Constraints, Demand Increasing**

- Uranium supply shortage
- Supply chain uncertainty (yellowcake, conversion and enrichment)
- Uranium demand increasing as lives of nuclear plants extended across the globe and increasing energy demand
- Uranium price must rise significantly to incentivise uranium production



Source: World Nuclear Association



## **Investment Highlights**



The Company has been solely operating in the uranium industry for 16 years



81 Mlb U<sub>3</sub>O<sub>8</sub> resource at Marenica and Koppies Uranium Projects, Namibia



Four discoveries in Namibia in the past 3 years – Koppies, Namib IV, Hirabeb & Capri



48 Mlb U<sub>3</sub>O<sub>8</sub> resources in Australia



*U-pgrade*™ process demonstrated to reduce costs at the Marenica and Angela Projects



Experienced team with extensive uranium experience



Uranium enables production of baseload carbon free nuclear energy



Demand for uranium increasing due to decarbonisation, electrification & consequences of war

## Namibia

- Namibia is a Tier 1 Uranium jurisdiction;
   4<sup>th</sup> largest producer & 5<sup>th</sup> largest resources in the world
- Namibia has an established uranium mining industry operating for 46 years
- 61 Mlb U<sub>3</sub>O<sub>8</sub> resource at Marenica Uranium Project, beneficiates to ~5,000 ppm U<sub>3</sub>O<sub>8</sub> using *U-pgrade*™
- 20 Mlb U<sub>3</sub>O<sub>8</sub> resource at Koppies Uranium Project
- Elevate is holder of the largest tenement area for uranium in Namibia
- Target is shallow surficial mineralisation, ideally suited for the application of *U-pgrade*™

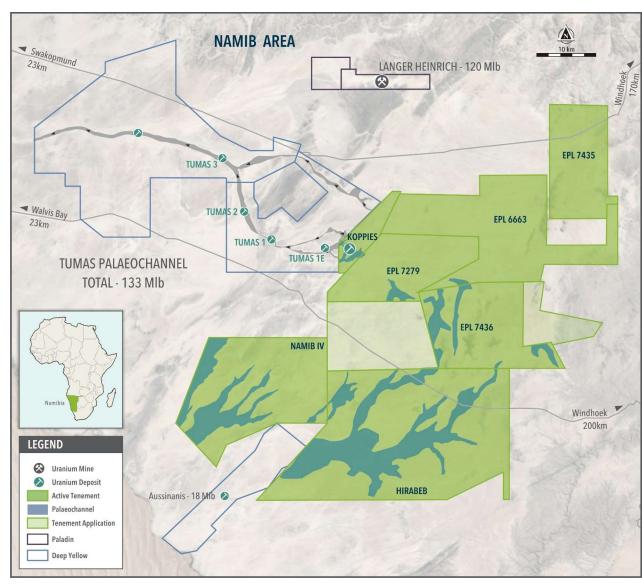
**AREA** Marenica 🙆 TREKKOPJE EAST Henties Bay Trekkopje ORANO Arandis ATLANTIC **OCEAN** 22°30'S Husab CGNPC/SWAKOP Swakopmund Etango BANNERMAN 25 km Langer Heinrich Walvis EPL Koppies Bay (Port) 6663 KOPPIES **NAMIB** 7436 LEGEND **AREA** Namib IV Elevate Uranium Deposit Hirabeb Uranium Mine **Uranium Deposit Active Tenement** DEEP YELLOW Tenement Application 14°30'E 15°00'E 15°30'E

CENTRAL ERONGO

See resource table on slide 20

## Namib Area

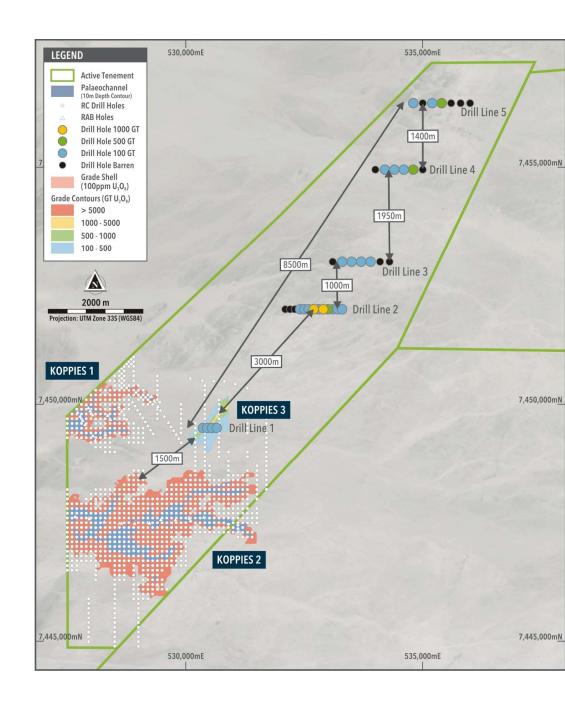
- Tenements are upstream of known deposits
- Exploration has achieved significant results
- Since mid 2019 Koppies, Hirabeb and Namib
   IV projects discovered in the area
- 20 Mlb U<sub>3</sub>O<sub>8</sub> resource at Koppies
- Exploration and resource drilling in progress, drill rig(s) operational for all of 2022
- Second rig drilling at Koppies from September 2022
- The Namib Area hosts >270 Mlb of defined uranium resources<sup>1</sup>



## Koppies Project

## Initial uranium resource, significant exploration upside

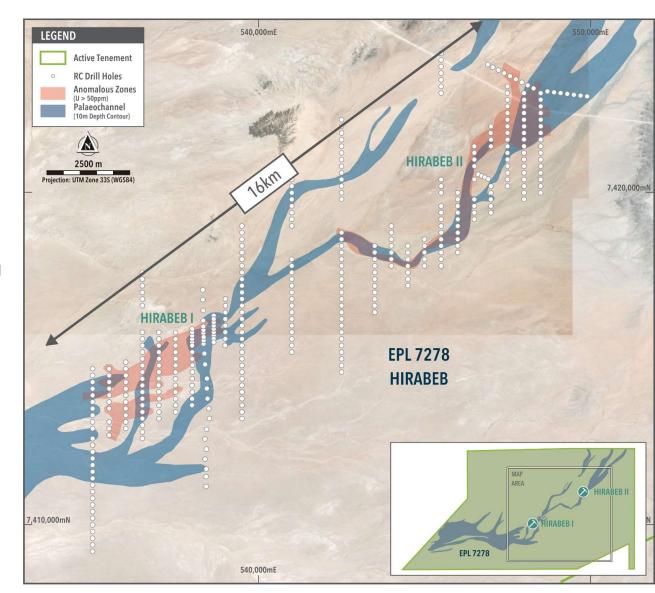
- 20 Mlb U<sub>3</sub>O<sub>8</sub> JORC resource
- New zone of mineralisation discovered (Koppies 3), extending the anomaly 10 km to the northeast
- Significant resource expansion potential beneath and adjacent to the palaeochannels and at Koppies 3
- Additional exploration and resource expansion drilling in progress
- Second rig drilling at Koppies from September 2022
- Ore type suitable for *U-pgrade™* beneficiation



## Hirabeb Project

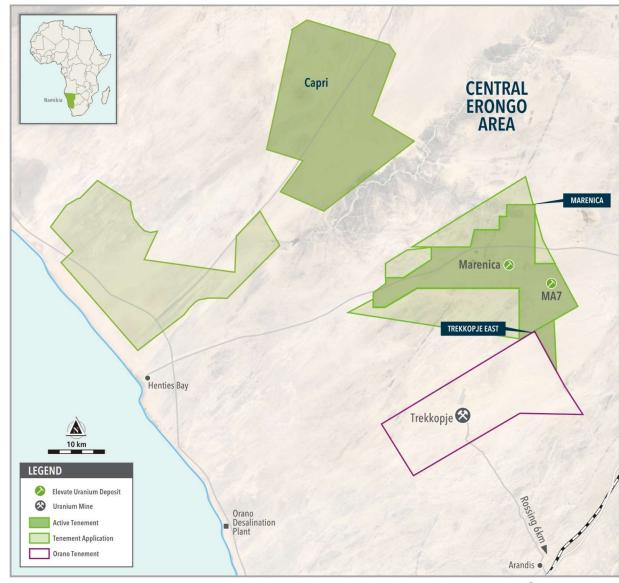
# Exploration delineates two large mineralised zones, exploration upside

- Hirabeb I uranium mineralisation extending over 4 km in length
- Hirabeb II anomalous uranium mineralisation extending over 9 km in length
- Exploration drilling wide spaced, drill lines
   500 m apart, significant exploration potential exists
- Ore type suitable for *U-pgrade<sup>TM</sup>* beneficiation



## Central Erongo Area

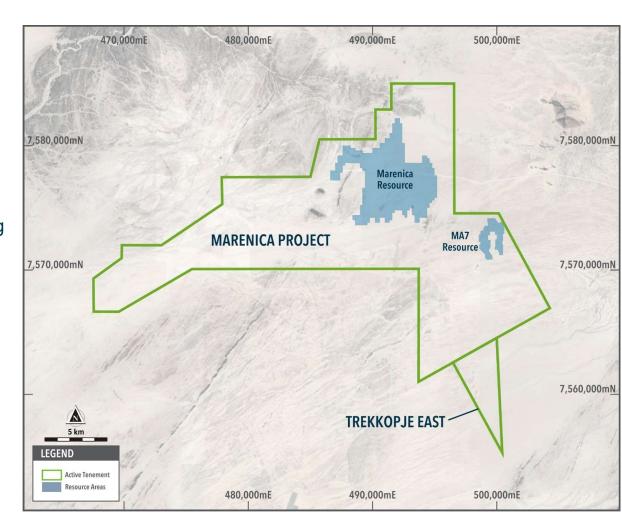
- Marenica large resource of 61 Mlb U<sub>3</sub>O<sub>8</sub>
- Marenica only 30 km north of Trekkopje
   Mine and 55 km north of Rossing
- The area includes large calcrete hosted uranium resources at Marenica and Trekkopje
- Capri 16 km of mineralisation identified only 35 km from Marenica
- Significant exploration potential in the area



## Marenica Project

## Large JORC resource, exploration upside

- 61 Mlb U<sub>3</sub>O<sub>8</sub> JORC resource
- Uranium ore beneficiates to ~5,000 ppm U<sub>3</sub>O<sub>8</sub> using
   U-pgrade™
- U-pgrade<sup>™</sup> has been demonstrated to reduce capital and operating costs by ~50%, compared to conventional processes
- Mineralisation is calcrete hosted in shallow palaeochannels
- Significant exploration upside in this area

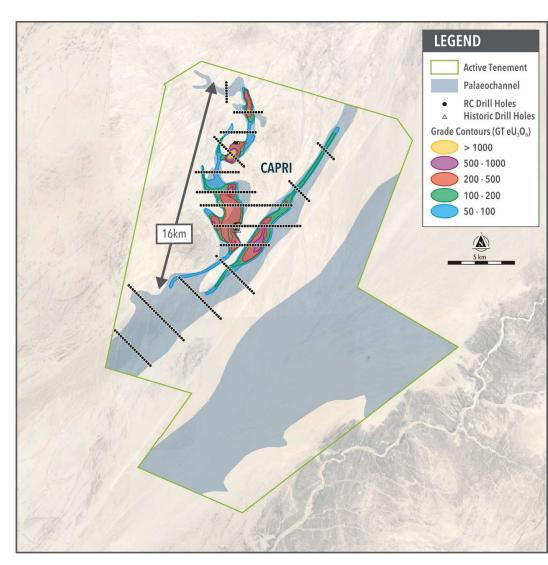


See resource table on slide 20

## Capri Project

#### 16 km of mineralisation

- Uranium mineralisation continuous over 16 km²
- Shallow mineralisation within palaeochannels
- Palaeochannel in the east yet to be drilled
- Ore type is calcrete hosted, prime mineralisation for our *U-pgrade<sup>TM</sup>* beneficiation process



## Australia

Australia is a Tier 1 Uranium jurisdiction; 2<sup>nd</sup> largest producer and largest resources in the world

#### **100% Owned**

- Angela 31 Mlb at 1,310 ppm U<sub>3</sub>O<sub>8</sub>
- Thatcher Soak 11 Mlb at 425 ppm U<sub>3</sub>O<sub>8</sub>
- Oobagooma **26 to 52 Mlb U**<sub>3</sub>**O**<sub>8</sub> Exploration Target
- Minerva high-grade uranium and gold

#### **Joint Venture Interests**

- Bigrlyi (21% EL8) **21 Mlb at 1,283 ppm U<sub>3</sub>O<sub>8</sub>**
- Walbiri (23% EL8) 16 Mlb at 641 ppm U<sub>3</sub>O<sub>8</sub>
- Others  $(21-24\% EL8) 3.6 \text{ Mlb at } 524 \text{ ppm } U_3O_8$

**BEATRICE SOUTH** (CLOSED DOWN) Broome Port Hedland KINTYRE Alice Springs LAKE MAITLAND YEELIRRIE 🔊 THATCHER SOAK MULGA ROCKS BEVERLEY Kalgoorlie • OLYMPIC DAM 🛠 HONEYMOON Perth • **LEGEND Elevate Uranium Project Uranium Mine Uranium Deposit** 

See resource table on slide 20



## Northern Territory Projects

#### **Angela**

- Inferred resource of 31 Mlb at 1,310 ppm U<sub>3</sub>O<sub>8</sub>
- Application of *U-pgrade<sup>TM</sup>* reduces projected acid consumption and operating costs
- Potential to expand resource and reduce cost base

#### Minerva<sup>3</sup>

- 10 drill holes with grades in excess of 10,000 ppm or 1% U<sub>3</sub>O<sub>8</sub>
- Uranium mineralisation over strike length of 2,400 m
- Significant exploration potential

#### **JV Interests**



## Western Australian Projects

#### Oobagooma

- High grade uranium mineralisation from 40 to 120 m below surface
- 26 to 52 Mlb U<sub>3</sub>O<sub>8</sub> Exploration Target<sup>4</sup>
- Exploration potential

#### **Thatcher Soak**

- Inferred resource of 11 Mlb at 425 ppm U<sub>3</sub>O<sub>8</sub>
- Located in same province as Yeelirrie, Centipede & Lake Maitland calcrete deposits
- Ore type is calcrete hosted, prime mineralisation for our *U-pgrade<sup>TM</sup>* beneficiation process





#### What is *U-pgrade™*

- Breakthrough ore beneficiation process developed, patented and 100% owned by Elevate
- Rejects >95% of mined ore mass prior to leach
- Uses industry standard unit operations to beneficiate uranium ore
- Rejects acid consuming material and thereby reduces acid consumption

#### **Demonstrated Benefits**

- Increases Marenica Project ore grade from 93 ppm to ∼5,000 ppm U<sub>3</sub>O<sub>8</sub> (i.e. by removal of waste)
- Reduces Angela ore acid consumption by 80% (i.e. by removal of acid consumers)



## *U-pgrade*<sup>™</sup> – "The Icing on the Cake"

#### **Significant Benefits**

- Produces low-mass high-grade concentrate
- Potentially reduces CAPEX and OPEX by ~50%, compared with conventional processes
- Provides optionality for the project development pathway
- Potential for Elevate to develop projects others can't

#### **Environmental Benefit**

- **U-pgrade™** removes acid consuming waste material ("gangue"), thereby reducing the volume of acid transported to the mining operation
- The gangue can then be added to leach tail to neutralise acid producing inert, environmentally safe tailings
- **U-pgrade**<sup>™</sup> reduces the ore to the leach plant by a factor of >20:1, therefore a small mass of ore is leached, thereby a smaller tailings storage area is required





#### **Board & Management**

Andrew Bantock Non-executive Chairman

Murray Hill Managing Director/CEO

Stephen Mann Non-Executive Director

Shane McBride CFO & Company Secretary

Over 40 years of uranium experience

#### **Capital Structure**

ASX Share Price (31 October 2022)

Shares on issue

Options on issue

Market Capitalisation

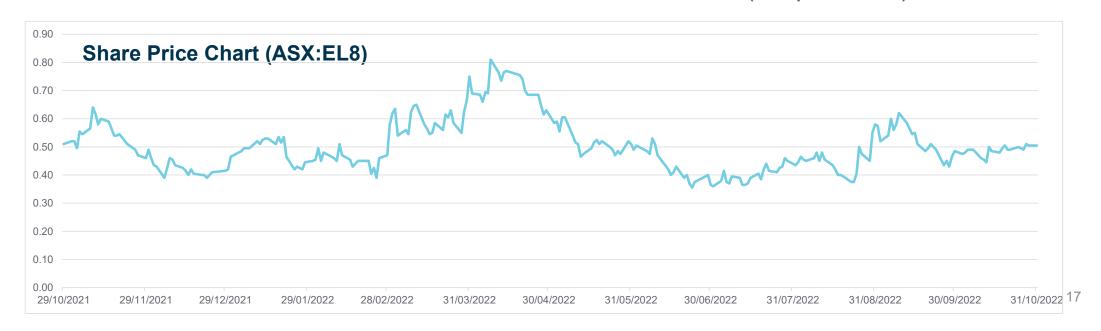
Cash (30 September 2022)

A\$0.505

276 M

A\$139 M

A\$139 M





## In Summary



The Company has been solely operating in the uranium industry for 16 years



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## Contact

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## **JORC** Resource Table

			Cut-off	Total Resource			Elevate Share			
Deposit		Category	(ppm	Tonnes	U <sub>3</sub> O <sub>8</sub>	U₃O <sub>8</sub>	Elevate	Tonnes	U <sub>3</sub> O <sub>8</sub>	U <sub>3</sub> O <sub>8</sub>
			U₃O <sub>8</sub> )	(M)	(ppm)	(Mlb)	Holding	(M)	(ppm)	(Mlb
Namibia										
Koppies										
Koppies I	JORC 2012	Inferred	100	8.7	240	4.6				
Koppies II	JORC 2012	Inferred	100	32.8	215	15.7				
Koppies Total	JORC 2012	Inferred	100	41.4	220	20.3	100%	41.4	220	20.3
Marenica	JORC 2004	Indicated	50	26.5	110	6.4				
		Inferred	50	249.6	92	50.9				
MA7	JORC 2004	Inferred	50	22.8	81	4.0				
Marenica Uranium Project Total				298.9	93	61.3	75%	224.2	93	46.0
Namibia Total				340.3	109	81.6		265.6	113	66.3
Australia - 100% Holdin	g									
Angela	JORC 2012	Inferred	300	10.7	1,310	30.8	100%	10.7	1,310	30.8
Thatcher Soak	JORC 2012	Inferred	150	11.6	425	10.9	100%	11.6	425	10.9
100% Held Resource Total				22.3	850	41.7	100%	22.3	850	41.7
Australia - Joint Ventur	e Holding									
Bigrlyi Deposit		Indicated	500	4.7	1,366	14.0				
		Inferred	500	2.8	1,144	7.1				
Bigrlyi Total	JORC 2004	Total	500	7.5	1,283	21.1	20.82%	1.55	1,283	4.39
Walbiri Joint Venture										
Joint Venture		Inferred	200	5.1	636	7.1	22.88%	1.16	636	1.63
100% EME		Inferred	200	5.9	646	8.4				
Walbiri Total	JORC 2012	Total	200	11.0	641	15.5				
Bigrlyi Joint Venture										
Sundberg	JORC 2012	Inferred	200	1.01	259	0.57	20.82%	0.21	259	0.12
Hill One Joint Venture	JORC 2012	Inferred	200	0.26	281	0.16	20.82%	0.05	281	0.03
Hill One EME	JORC 2012	Inferred	200	0.24	371	0.19				
Karins	JORC 2012	Inferred	200	1.24	556	1.52	20.82%	0.26	556	0.32
Malawiri Joint Venture	JORC 2012	Inferred	100	0.42	1,288	1.20	23.97%	0.10	1,288	0.29
Joint Venture Resource	Total			21.6	847	40.2		3.34	923	6.77
Australia Total				43.9	848	81.9		25.6	859	48.4
TOTAL										114.7

## Disclaimer & CP's Statement



#### Disclaimer:

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#### **Koppies Uranium Project:**

The Company confirms that the Mineral Resource Estimates for the Koppies 1 and Koppies 2 deposits have not changed since the annual review as disclosed in the 2022 Annual Report. The Company is not aware of any new information, or data, that effects the information in the 2022 Annual Report and confirms that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed.

#### **Marenica Uranium Project:**

The Company confirms that the Mineral Resource Estimates for the Marenica and MA7 deposits have not changed since the annual review as disclosed in the 2022 Annual Report. The Company is not aware of any new information, or data, that effects the information in the 2022 Annual Report and confirms that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Mineral Resource Estimates for the Marenica and MA7 deposits were prepared in accordance with the requirements of the JORC Code 2004. They have not been updated since to comply with the 2012 Edition of the Australian Code for the Reporting of Exploration Results, Minerals Resources and Ore Reserves ("JORC Code 2012") on the basis that the information has not materially changed since they were last reported. A Competent Person has not undertaken sufficient work to classify the estimate of the Mineral Resource in accordance with the JORC Code 2012; it is possible that following evaluation and/or further exploration work the currently reported estimate may materially change and hence will need to be reported afresh under and in accordance with the JORC Code 2012.

#### **Australian Uranium Projects:**

The Company confirms that the Mineral Resource Estimates for Angela, Thatcher Soak, Bigrlyi, Sundberg, Hill One, Karins, Walbiri and Malawiri have not changed since the annual review disclosed in the 2022 Annual Report. The Company is not aware of any new information, or data, that effects the information in the 2022 Annual Report and confirms that all material assumptions and technical parameters underpinning the estimates continue to apply and have not materially changed. The Mineral Resource Estimate for the Bigrlyi deposit was prepared in accordance with the requirements of the JORC Code 2004. The Mineral Resource Estimate was prepared and first disclosed under the 2004 Edition of the Australian Code for the Reporting of Exploration Results, Minerals Resources and Ore Reserves ("JORC Code 2004"). It has not been updated since to comply with the 2012 Edition of the Australian Code for the Reporting of Exploration Results, Minerals Resources and Ore Reserves ("JORC Code 2012") on the basis that the information has not materially changed since it was last reported. A Competent Person has not undertaken sufficient work to classify the estimate of the Mineral Resource in accordance with the JORC Code 2012; it is possible that following evaluation and/or further exploration work the currently reported estimate may materially change and hence will need to be reported afresh under and in accordance with the JORC Code 2012.