

# Wiluna Uranium Project – The Best is Yet to Come

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Future Facing Commodities Conference  
Singapore

**Richard Homsany**  
Executive Chairman

26 March 2024



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# About Toro

## Committed to advancing to Uranium Vanadium Production



Western  
Australia

Wiluna

### Wiluna Uranium Project (100%)

- Located 30km to the south of the town of Wiluna in Western Australia's northern goldfields.
- Established mining centre with access to water, power and services.
- Deposits include Lake Way, Millipede-Centipede and Lake Maitland.
- Mine life of 17.5 years
- Simple mining - mineralisation from surface to 15m- average 1:17 strip ratio.
- 52Mlt @ 548ppm for 62.7M pounds  $U_3O_8$  within JORC 2012 Mineral Resources total of 90.9M pounds  $U_3O_8$  (200ppm cut-off) across various projects.
- Full Federal and State approvals received and all mining leases granted.
- Vanadium – potential valuable by- product with low marginal production cost.
- Maiden  $V_2O_5$  JORC 2012 Resource of 68.3Mlbs.
- Lake Maitland has reputable Japanese JV partners: JAURD/Itochu.

### Dusty Nickel Project (100%)

- Located some 50kmE of Wiluna in Western Australia's northern goldfields.
  - 50kmE of BHP's world class Mt Keith Nickel Project. 15km NE of Bronzewing Gold Mine
  - Massive & semi-massive nickel sulphides at base of 7.5km unbroken length of komatiite.
  - Despite being in very early stages of exploration there are already 4 different discovery locations, Dusty, Houli Dooley, Jumping Jack & Dimma.
- Only 4.5km tested along a 7.5km komatiite magnetic trend – already 4 discovery locations of massive/semi-massive nickel sulphides.

### Yandal Gold and Base Metal Project (100%)

- Located South-East of Wiluna in Western Australia's northern goldfields. 20km NE of world class Bronzewing Gold Mine, Mt McClure and Sundowner group gold deposits.
- 243 km<sup>2</sup> lightly explored in mature world class gold district (Yandal Greenstone Belt. 70 target zones over 10 separate target areas.

### Uranium Exploration Projects (100%)

- 28.2Mlbs of contained  $U_3O_8$  (200ppm  $U_3O_8$  cut-off in 3 projects outside Wiluna Project

#### Dawson Hinkler

- 9.4Mlbs contained  $U_3O_8$

#### Nowthanna

- 11.9Mlbs contained  $U_3O_8$

#### Theseus

- 6.9Mlbs contained  $U_3O_8$

### Uranium Joint Venture, Namibia (15%)

- Toro has a 15% JV interest exploring for uranium in Namibia.
- JV with Deep Yellow Ltd (ASX: DYL) (39.5%) & Japanese Oil, Gas and Metals National Corporation (**JOGMEC**) (39.5%).
- Project is proximal to world class Rossing, Husab and Langer Heinrich uranium deposits.

# Corporate Snapshot



## Share Price

A\$0.43

26 March 2024

## Shares on Issue

120.3m

## Listed Options

6.5m

Exerciseable @ \$0.75 on or before 23/10/25

## Market Capitalisation

A\$51.7m

## Cash

A\$15.1m

As at 31 January 2024

## Unlisted Incentives

18.2m

## 6-Month Share Price Performance



## Experienced Board and Management

### Richard Homsany Executive Chairman

An officer of Mega Uranium (TSE:MGA), director of various ASX & TSXV companies. Experienced corporate lawyer and Certified Practising Accountant with expertise in the energy and resources sector. Mr Homsany has more than 20 years of uranium company experience.

### Richard Patricio Non-Executive Director

Currently CEO and President of Mega Uranium (TSE:MGA) and Director of NexGen Energy (TSE:NXE). Richard Patricio is the Chairman of Iso Energy (TSX-V:ISO). He has over 20 years of uranium company experience.

### Michel Marier Non-Executive Director

Co-founder and executive director of Integrated Energy Metals Pte Ltd (IEM) and Integrated Battery Metals Pte Ltd (IBM) from early 2023. Previously an investment manager for Sentient Equity Partners (SEP) division of la Caisse de dépôt et placement du Québec.

### Dr Greg Shirliff Geology Manager

Leads technical team with more than 20 years uranium geology and geochemistry experience and holds a PhD in mine-related uranium geology and geochemistry from the Australian National University. Held prior roles with Cameco and ERA.

# Investment Highlights

## Significant Uranium and Vanadium Inventory



**90.9Mlbs  $U_3O_8$  / 62.7Mlbs  $U_3O_8$**

JORC Resource across various projects / Wiluna Project (100% owned)



**68.3M pounds of  $V_2O_5$**

Maiden total Inferred JORC 2012 Resource (200ppm cutoff)



**Approvals received/Leases Granted**

Both Federal and state Environmental approvals and all mining leases granted. **Amendments required.**



**Additional studies**

Scope to significantly enhance Wiluna Project in production and value



**Vanadium by-product**

Very low marginal processing cost

## Wiluna Uranium Studies Continue – Lake Maitland Study Outcomes



**NPV<sub>8</sub> A\$610m (pre-tax)**

Scoping study for the Lake Maitland Uranium Deposit, modest operating costs



**CAPEX A\$270m**

Modest capex **inclusive** of 20% contingency and 15% EPCM allowance



**2.5 Year Payback - 41% IRR**

Both Federal and state Environmental approvals and all mining leases granted



**US\$23.10/lb  $U_3O_8$  – C1 Cost**  
**AISC US\$28.02/lb  $U_3O_8$**



**Lake Maitland Pit Re-Optimisation**

Transformational potential increase in production from processing improvements and cost reductions

## Dusty Nickel Project



**4 Nickel Massive/Semi-Massive Sulphide Discoveries**

Massive/Semi Massive Nickel Sulphides discoveries at Toro's 100% owned Dusty Nickel Project



**Close Proximity to World Class Mt Keith Nickel Project**

50km east of BHPS Mt Keith Nickel deposit.



**Ultramafic target rock-Massive Ni Sulphides**

Over 15km testing for extension strike length of komatiite



**Strong case for Non-Uranium Demerger**

News flow from any future drilling program. Excellent potential for further Nickel Sulphide discoveries.

# Significant Expansion of Stated Resources at Wiluna



## SIGNIFICANT EXPANSION OF STATED RESOURCES AT LAKE WAY AND CENTIPEDE-MILLIPEDE DEPOSITS BOOSTS VALUE OF WILUNA URANIUM PROJECT – OTHER URANIUM DEPOSITS CURRENTLY BEING VALUATED

**Rapidly improving market leads Toro to lower the cut-off grade and expand the stated uranium ( $U_3O_8$ ) and vanadium ( $V_2O_5$ ) resources at the Lake Way and Centipede-Millipede Deposits by up to 25%  $U_3O_8$ .**

- Rapidly improving uranium market is driving significantly improved economics at the Wiluna Uranium-Vanadium (U-V) Deposits.
- As a result Toro has lowered the  $U_3O_8$  and  $V_2O_5$  cut-off grade for the stated resources at the Lake Way and Centipede-Millipede U-V Deposits from 200ppm to 100ppm, which effectively expands the stated resource and lowers the average grade.
- The stated Centipede-Millipede  $U_3O_8$  resource expands by 25% or 5.98Mlbs to 29.95Mlbs contained  $U_3O_8$ , with a reduction in average grade to 351ppm  $U_3O_8$ .
- The stated Lake Way  $U_3O_8$  resource expands by 15% or 1.79Mlbs to 14.12Mlbs contained  $U_3O_8$ , with a reduction in average grade to 406ppm  $U_3O_8$ .
- The stated Centipede-Millipede  $V_2O_5$  resource expands by 17% or 6.6Mlbs to 45.2Mlbs contained  $V_2O_5$ , with a reduction in average grade to 281ppm  $V_2O_5$ .
- The stated Lake Way  $V_2O_5$  resource expands by 9.5% or 1.1Mlbs to 12.7Mlbs contained  $V_2O_5$ , with a reduction in average grade to 307ppm  $V_2O_5$ .
- The Lake Maitland deposit will be re-estimated to better define the resource at the new cut-off grade before restating the resource and re-calculating the total Wiluna Uranium Project resources at the new cut-off grades.
- The lower cut-off grade will also allow for better comparison with Toro's industry peers, many of whom also state uranium resources at a 100ppm  $U_3O_8$  cut-off.
- It is important to understand that no re-estimation of resources has taken place, only a change to the reporting cut-off of the existing estimation, which was completed on the Centipede-Millipede and Lake Way deposits in 2015-16 for  $U_3O_8$  (refer to ASX announcement of 1 February 2016) and 2019 for  $V_2O_5$  (refer to ASX announcement of 21 October 2019).



# Moving Towards Production is our Core Business

## Lake Maitland Uranium Project and broader Wiluna Uranium Project

### Development Timeline for Lake Maitland and Wiluna Uranium Project

- Proposed production schedule does not include any Mineral Resources from Toro's other 100% owned uranium deposits. Investigate timelines to production

### Work Streams underway in preparation for a DFS

- Further beneficiation test work at Toro's other 100% owned uranium deposits show that parts of those deposit may be amenable to the same significant cost efficiencies

### Increase to the overall $U_3O_8$ Resource

- $U_3O_8$  values in drilling results derived from geochemistry are often higher than what can be explained by positive disequilibrium and often above the 1.25 disequilibrium factor already applied across the Lake Maitland deposit to gamma probe derived  $U_3O_8$  values
- Further core based drilling with geochemistry and upgrading of the  $U_3O_8$  resource from Indicated to Measured will result in an increase to the overall  $U_3O_8$  resource and ultimately more  $U_3O_8$  produced by any mining and processing operation

### Work will continue adjacent to prevailing government policy

- Toro is funded to continue to advance the project so that when government policy aligns it can move into production at the earliest opportunity.

### Reduced costs

- Further refinement of the Lake Maitland Uranium Project flowsheet to reduce costs may be possible after a large-scale pilot of the beneficiation circuit.

### High grade pre beyond 7<sup>th</sup> year of production

- Investigate opportunity to process high grade well beyond the 7th year of production with materials from all 3 deposits at a Lake Maitland uranium vanadium processing operation

### Joint venture opportunity with reputable Japanese partners

- Toro, Japan Australia Uranium Resources Development (JAURD) and Itochu Corp have entered into a farm in and joint venture providing for aggregate payments of U\$50M by JAURD and Itochu to Toro to earn 35% in the Lake Maitland project.



# Uranium Sector Overview

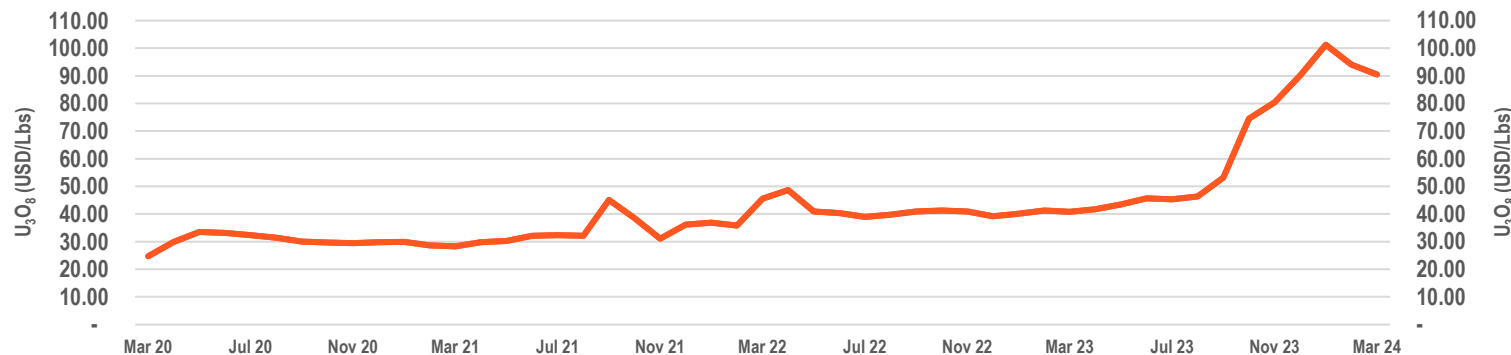


## Favourable market fundamentals

### Uranium Prices Have Renewed Momentum as Supply Risks Mount

- Major economies like China, India, Japan, Europe, and the United States embracing nuclear power and expanding their nuclear power capacities have caused uranium prices to go on an upswing.
- With the demand for nuclear power rising, so have concerns about the global uranium supply chain and production capacity.
- Demand is expected to climb significantly with the world embracing nuclear energy more and several nuclear projects restarting.
- Concerns that existing capacity isn't enough to meet bullish long-term demand is a supporting factor for current uranium prices.
- Geopolitics is another source of recent support for prices with the US prohibiting the purchase of uranium from Russia and stability risk in Niger<sup>1</sup>.
- U.S. Department of Energy started to support a strategic domestic uranium reserve<sup>2</sup>.
- Production increases in near future unlikely as many uranium miners shuttered production in recent years.
- It may take mines 2–3 years before they begin producing at higher prices.
- While operating expenses vary by location and company, recently, supply chain disruption and cost inflation have raised the average breakeven for Western uranium mines to \$90/lb<sup>3</sup>.

### Uranium Soars as Demand Rebounds and Supply Falters



**Uranium** Price USD/Lbs

90.5

11 March 2024

Source: Insider Inc., Trading Economics



# Uranium Sector Strength Continues

## The current market – global nuclear power use forecast to

Uranium Prices Have Strong Sustained Momentum as Supply Risks Mount & Demand in Overdrive

### Increasing Demand



#### Near-term

- Reversal of early retirement / closures of nuclear plants.
- Geopolitical impacts.
- Nuclear plant restarts

#### Medium-term

Clean, secure energy focus, reactor life-extensions.

#### Long-term

Reactor new builds and development of small modular and micro reactors.

### Production and Supply



#### Buoyed Uranium prices from:

- Mine production cuts from excess supply and depressed demand and COVID.
- Increased inventory holdings by **Sprott Physical Uranium Trust**.
- **Kazatomprom**, world's largest producer, to produce only 80% of permitted levels in 2024. Difficulties in procuring sulfuric acid could extend this into 2025.
- **Supply deficit forecast to widen.**

### Net-zero Carbon Targets



#### Energy Poverty

- Significant portion of global population inadequate access to energy.
- Global focus to lift 1/3 of global population from energy poverty.

#### Thermal Replacement

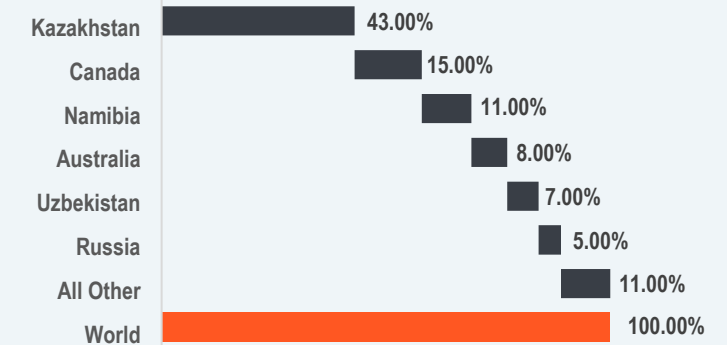
- Targets to replace carbon-emitting thermal power with a clean, reliable alternative.

#### Electrifying Industries

- Electrify industries largely powered by carbon-emitting thermal energy.

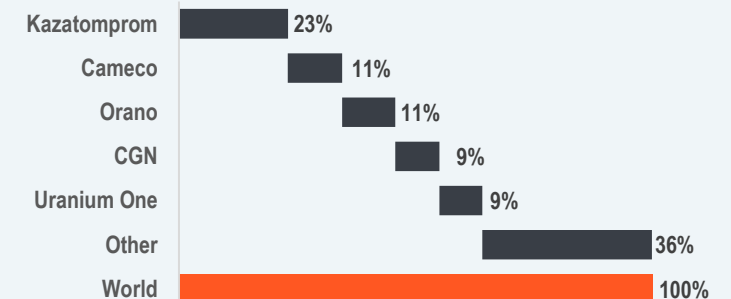
### Uranium Production by Country

SOURCE: World Nuclear Association as of August 2023



### Top 5 Uranium Producers

SOURCE: World Nuclear Association as of August 2023



# Wiluna Uranium Project



62.7Mlb  $U_3O_8$

Resources measured and Indicated supporting long- life operations

Valuable by-product

Maiden  $V_2O_5$  JORC 2012 Resource of 68.3Mlbs

Strong Lake Maitland financials

NPV A\$610m (pre-tax)  
2.5yr payback  
41% IRR

Low Opex & Low Capex - Lake Maitland

AISC US\$28.02/lb  $U_3O_8$   
US\$189M CAPEX

## Overview

- Located 30km to the south of the town of Wiluna in Western Australia's northern goldfields.
- Consists of (1) Centipede-Millipede (2) Lake Way and (3) Lake Maitland uranium deposits.
- Established mining centre with access to water, power and services.



## Key Characteristics

### Approvals

Federal & State government environmental approvals received 2017 – amendments required

### Title

All tenements secured, mining leases granted  
Mining agreement in place with Wiluna people

### Resources

JORC 2012  
62.7Mlb Measured and Indicated Resources

### Exploration

22Mlb  $U_3O_8$  at the Dawson Hinkler and Nowthanna deposits

### Mining

Shallow open pit to 15 metres

### Infrastructure

Established mining centre, access to water, power and services

### Finance

Japan Australia Uranium Pty Ltd (three Japanese utilities) and Itochu have the right to acquire a 35% interest in **Lake Maitland** for a further US\$39,6M

# Lake Maitland Pit Optimisation



Additional **US\$620,000,000 approx.** in potential gross product value created  
(US\$70/lb  $U_3O_8$  US\$5.67/lb  $V_2O_5$  US\$:A\$0.70 exchange rate)

## New Pit Shell

- Revised pit rim cut-off grade of 109ppm  $U_3O_8$ .
- Stretching beyond bounds of current stated resource at a 200ppm  $U_3O_8$  cut-off.
- Significant lowering of  $U_3O_8$  grade for the potential Lake Maitland ore (**631ppm to 380ppm  $U_3O_8$** )

## ↑ Potential Ore

- Increasing from **13.2Mt to 35.2Mt** (up 167%)

## ↑ $U_3O_8$ Production

- Potential  $U_3O_8$  production increasing from **14.8Mlbs to 22.8Mlbs** at assumed price of US\$70/lb  $U_3O_8$ .

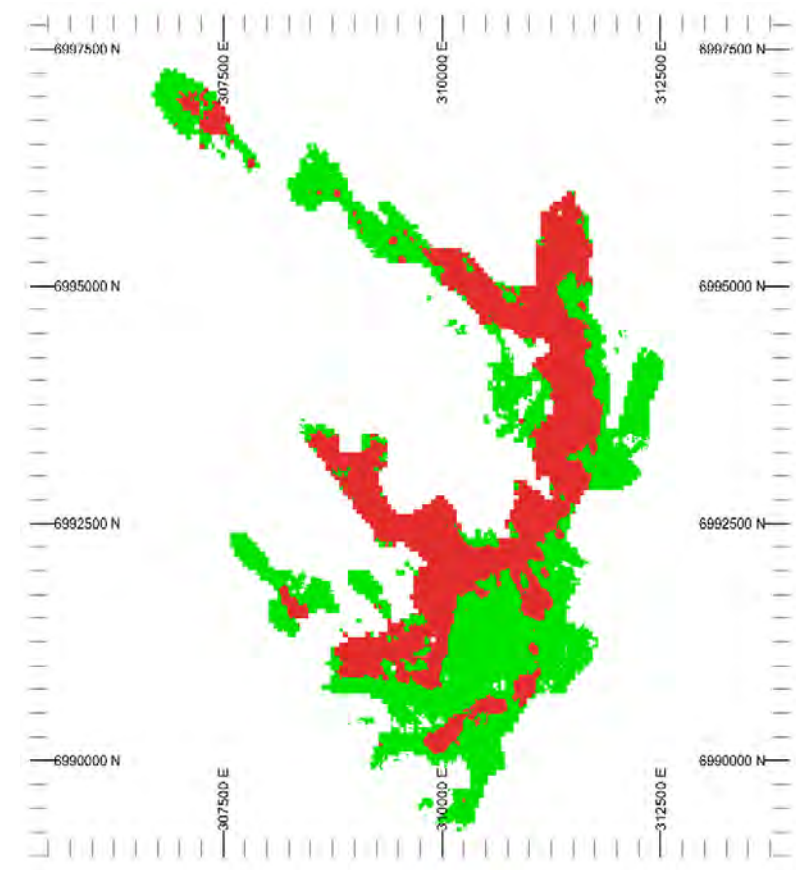
## ↑ Life of Mine

- Increasing from **10.1 to 17.5 years** (up 74%)

## 11.9Mlbs $V_2O_5$

- 11.9Mlbs of  $V_2O_5$**  by-product produced (at assumed price of US\$5.67/lb  $V_2O_5$ )

*Results showed huge expansion of the pit and increase in potential uranium ore is transformational for the value of Toro's Wiluna assets*



# Wiluna Uranium Project

## Lake Maitland scoping study result

### Scoping Study

Scoping Study for a stand-alone Lake Maitland Uranium-Vanadium Operation completed in late October 2022 (SRK Consulting Australasia & Strategic Metallurgy)



**Strong financial metrics**



**Modest Capex-  
2.5 year payback**



**Low operating cost  
estimate**



**AVG production p.a.**  
~ 1.3Mlbs U<sub>3</sub>O<sub>8</sub>  
~ 0.7Mlbs V<sub>2</sub>O<sub>5</sub>

## Lake Maitland Scoping Study Results



**NPV A\$610m (pre-tax)**

Scoping study for the Lake Maitland Uranium Deposit, modest operating costs



**IRR of 41%**

Modest capex inclusive of 20% contingency and 15% EPCM allowance



**2.5 Year Payback**

Rapid Payback



**EBITDA of \$1,768.6M (LOM)**

Average EBITDA of A\$101M per annum or approx.  
**A\$2M per week approx.**



**Lake Maitland Pit Optimisation**

Transformational potential increase in production from processing improvements and cost reductions



**CAPEX A\$270m (US\$189M)**

Modest capex inclusive of 20% contingency and 15% EPCM allowance.

Includes all infrastructure for the proposed stand-alone Lake Maitland operation, including

- **A\$133M Processing facility** with beneficiation plant to produce both U<sub>3</sub>O<sub>8</sub> and V<sub>2</sub>O<sub>5</sub>.
- **A\$137M non-processing infrastructure**  
All mining and administration related infrastructure, access roads, power plant, borefield and a reverse osmosis desalination plant for water supply.



**LoM Opex US\$23.10/lb U<sub>3</sub>O<sub>8</sub>**

Life of mine C1 operating costs

Life of Mine AISC US\$28.02/lb U<sub>3</sub>O<sub>8</sub>



**Assumptions**

US\$70/lb U<sub>3</sub>O<sub>8</sub>, US\$5.67/lb V<sub>2</sub>O<sub>5</sub> price and a US\$:A\$0.70 exchange rate

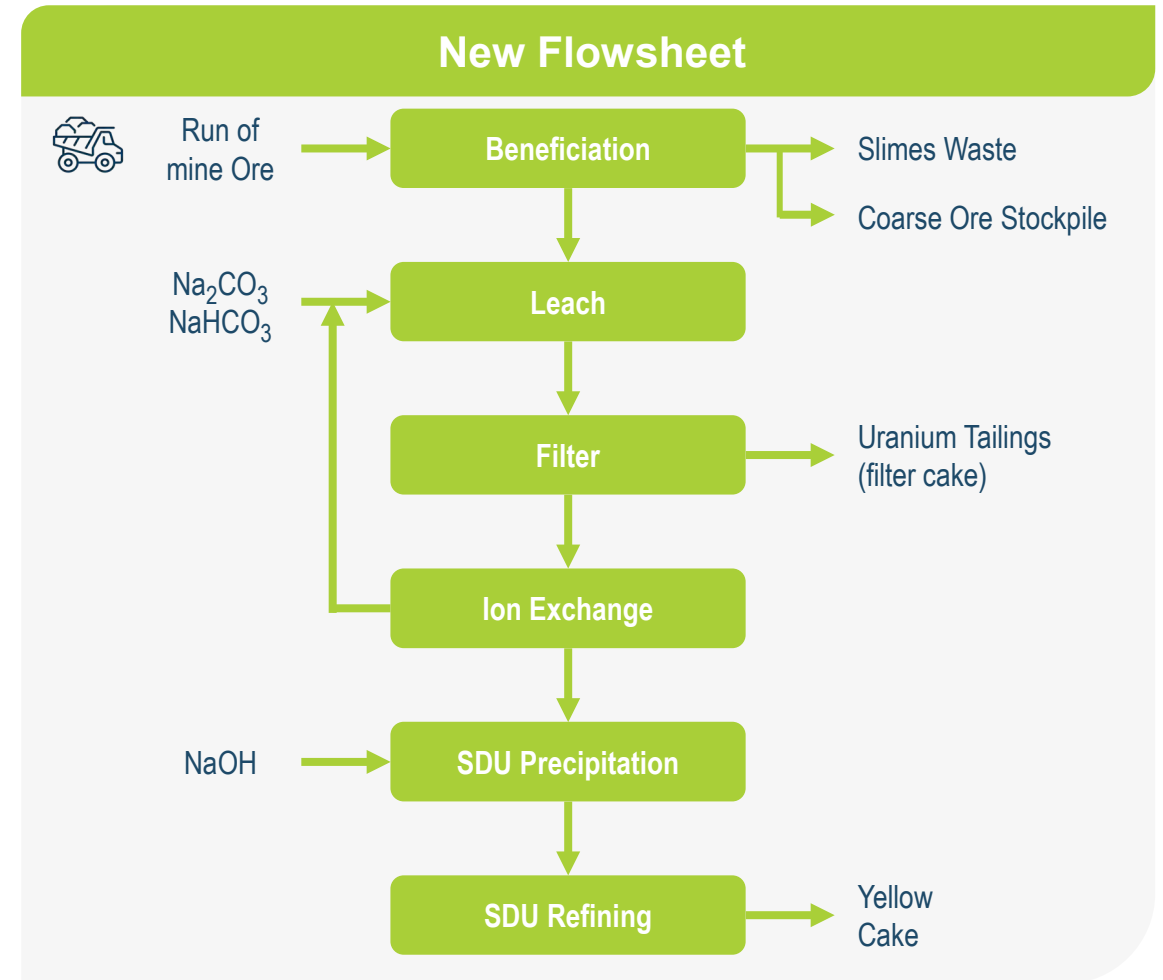
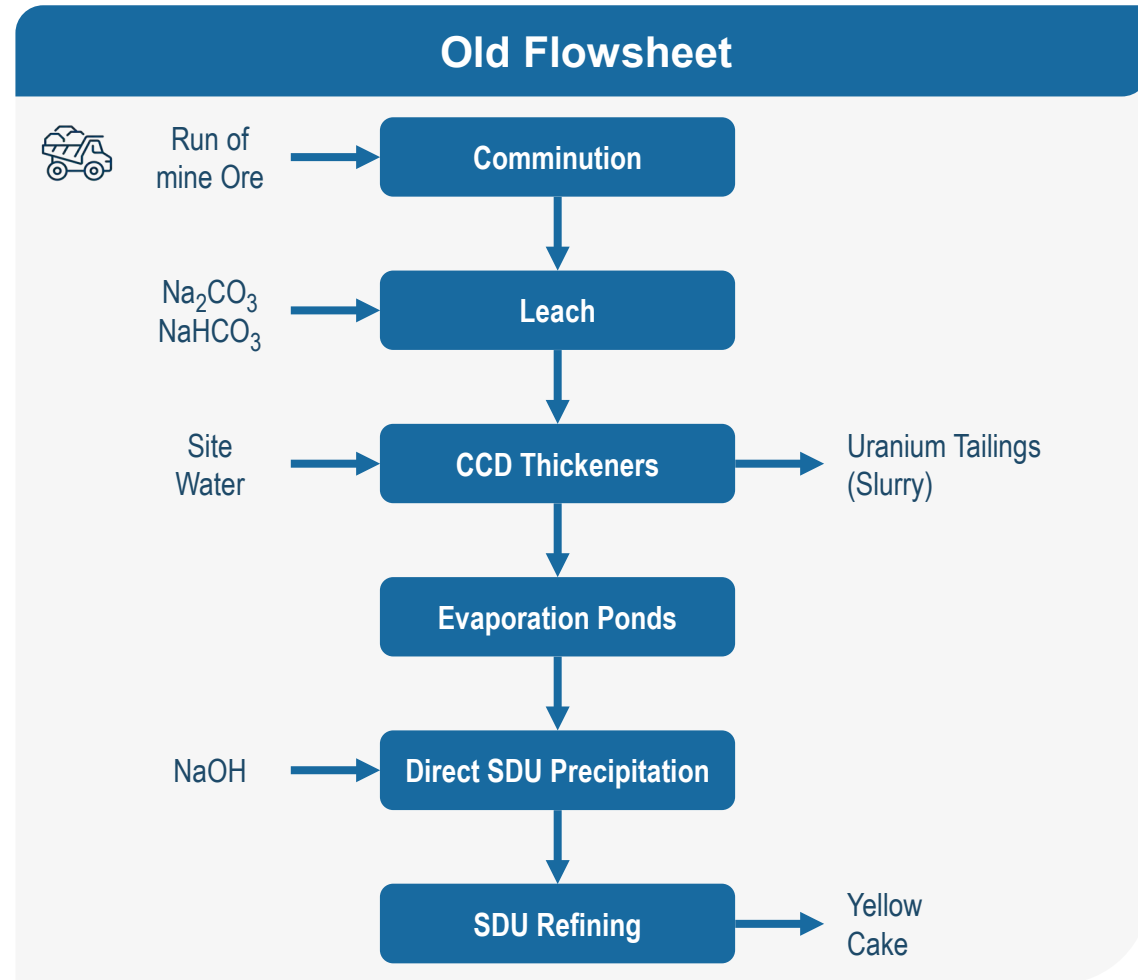
### ASX Listing Rule 5.19.2

The Company confirms that all material assumptions underpinning the production target and the derived forecast financial information disclosed in the Lake Maitland Scoping Study announced by the Company on 24 October 2022 continue to apply and have not materially changed.



# Improved Processing Flowsheet

New flowsheet benefits from beneficiation, filtration and ion exchange



# Advancing Wiluna to Production – Process Improvements



## Lower Costs

### Reduced CAPEX

- ✓ Smaller processing plant and eliminating:
  - CCD circuit
  - evaporation ponds
- ✓ Smaller leach circuit
- ✓ Smaller SDU circuit

### Lower OPEX

- ✓ Less uranium tailings
- ✓ No grinding
- ✓ Easier residue storage
- ✓ Lower power consumption
- ✓ Less sodium hydroxide consumed

## Significant & continuous improvements to the overall process from:

### Beneficiation

- Produces high grade concentrate.
- Low grade coarse ore available for future processing.
- De-slime works on all samples, allows for filtration.
- Beneficiated material now porous and can be filtered

### Filtration

- Efficient removal of salts by washing.
- Drier leach feed cake
- Much lower reagent use

### Ion Exchange

- Proven efficient on actual liquors
- Allows for substantial concentration of uranium
- Potential to separate vanadium and uranium

### Leaching

- High uranium extraction in 8hrs
- High density in leach (58% solids)
- Vanadium leaching



# Dusty Nickel Discoveries

50kmE of world class Mt Keith nickel deposit 15km NE of Bronzewing Gold Mine.

Blind discovery of massive & semi-massive nickel sulphides at base of a 7.5km **unbroken length** of previously unknown **komatiite** (Dusty komatiite) – arguably the 1st massive nickel sulphides discovered in **Yandal Greenstone Belt**, 50kmE of world class **Mt Keith nickel deposit** 15km NE of Bronzewing Gold Mine.

Discovered with the first hole drilled through the komatiite testing a geochemical target from aircore drilling.

The Dusty komatiite remains largely untested.

Despite being in very early stages of exploration there are **already 4 different discovery locations**, Dusty, Houli Dooley, Jumping Jack & Dimma.

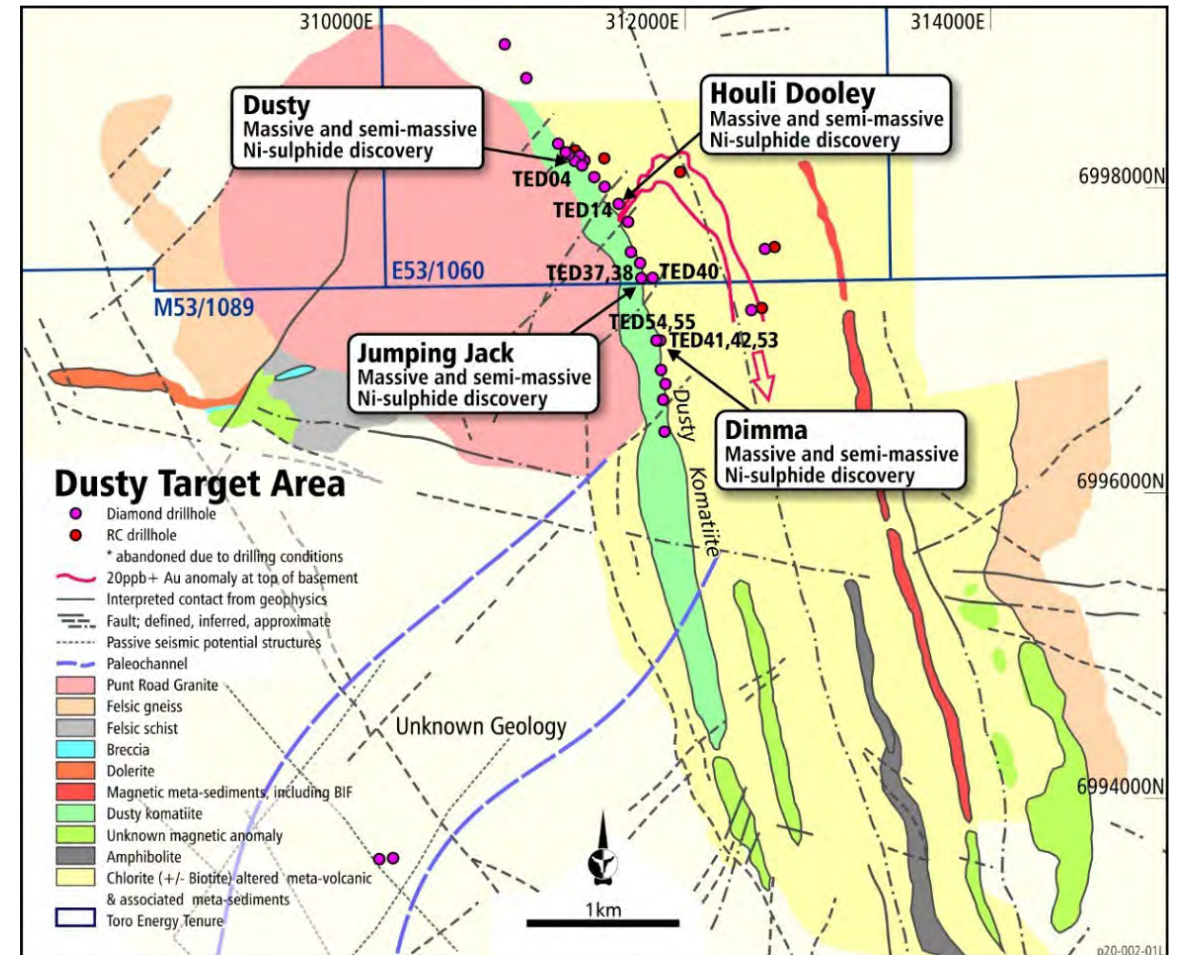
Only 4.5km so far tested at a single depth along a 7.5km komatiite magnetic trend and already **four (4) discovery locations of massive and semi-massive nickel sulphides**.

1 Dusty

2 Houli Dooley

3 Jumping Jack

4 Dimma



## 1 Dusty

- Massive and/or semi massive nickel sulphides with up to **9.0m at 2.07% Ni** from 250.9m **including 2.0m at 4.01% Ni**, 0.27% Cu, 0.13% Co and 0.388 g/t Pt + Pd from 250.9m; and **2.0m at 3.85% Ni**, 0.41% Cu, 0.13% Co and 0.45 g/t Pt+Pd from 255.5m.
- **2.6m @ 3.45% Ni**, 0.18% Cu, 0.15% Co and 0.388g/t Pt+Pd from 184.5m downhole.

## 2 Houli Dooley

- Only one hole drilled in location so far, which intersected up to **3.05m** of semi-massive nickel sulphide grading **1.59% Ni**, 0.06% Co, 0.07% Cu and 0.34g/t Pt+Pd from 297.75m downhole, **including 0.75m at 4.3% Ni**, 0.15% Co, 0.1% Cu, 0.89g/t Pt+Pd from 297.75m downhole.

## 3 Jumping Jack

- TED37 - **3.45m at 1.42% Ni**, 0.19% Cu, 0.76 g/t Pt+Pd from 240.2m downhole.
- TED38 - **2.44m at 1.16% Ni**, 0.2% Cu, 0.77 g/t Pt+Pd from 231.6m downhole.

## 4 Dimma

- Results to date indicate Dimma is a **continuous lens of massive Ni-sulphide mineralisation** at least 160m in down-dip length and open at depth.
- TED41 - **4.31m of massive Ni-sulphides, grading 1.16% Ni 0.29% copper (Cu)**, 0.386 g/t Pt+Pd from 243.33m downhole.
- TED42 – **3.13m of massive Ni-sulphide grading 1.42% Ni**, 0.17% Cu, 0.605 g/t Pt+Pd from 314m downhole.
- TED54 Ni Sulphide *ZONE 1* – **4.6m of massive Ni-sulphide at base of komatiite grading 1.61% Ni**, 0.22% Cu, 0.56g/t Pt+Pd from 194.2 downhole.
- TED54 Ni-sulphide *Zone 2* - **9m of blebby and disseminated Ni-sulphide near top of komatiite grading 0.79% Ni** from 162m downhole, inclusive of **3m grading 1.09% Ni** from 166m downhole.
- TED55 – **2.1m of massive Ni-sulphide grading 1.83% Ni**, 0.29% Cu, 0.55 g/t Pt+Pd from 147.1m downhole.



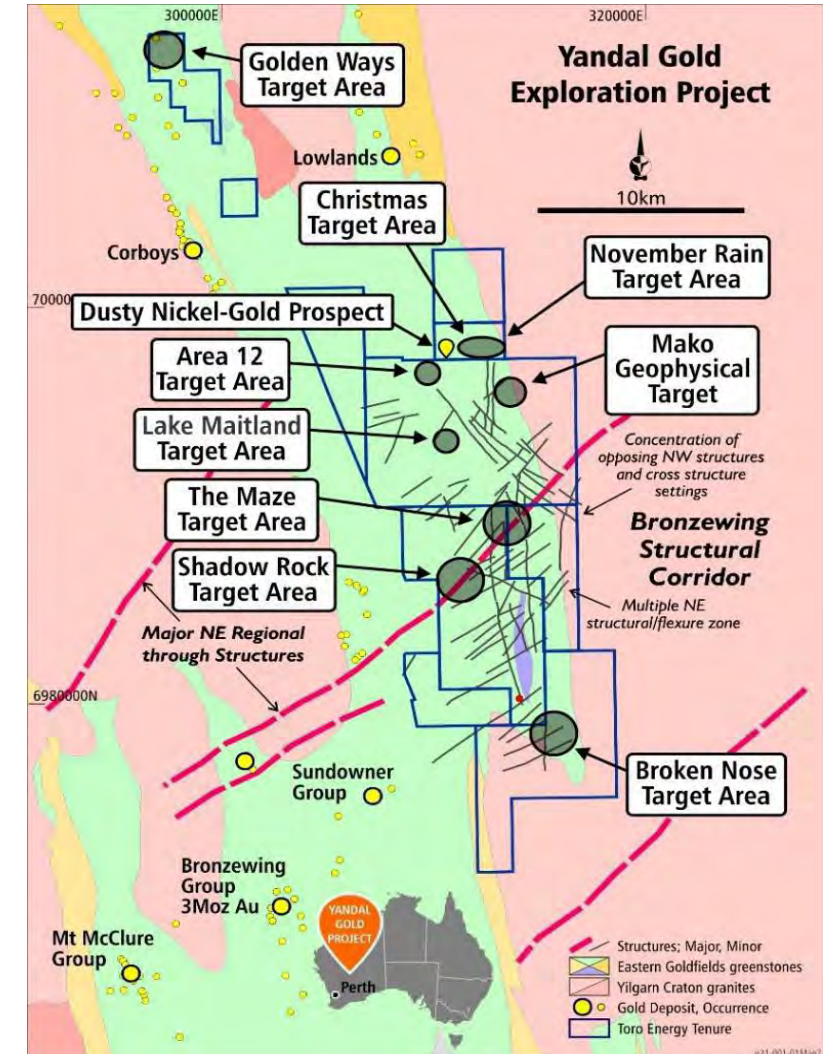
# Yandal Gold and Base Metal Project

## Located in close proximity to quality mines and deposits

The Yandal Gold and Base Metal Project is located only 20km NE of the world class Bronzewing Gold Mine and the Mt McClure, Bronzewing and Sundowner group gold deposits.

It is a **unique exploration opportunity** - comprising some 243 square kilometres of the **mature world class gold district**, the **Yandal Greenstone Belt** - yet it remains relatively untested due to most of the ground being held by uranium companies since the discovery of the Lake Maitland Uranium Deposit in 1972 – a greenfields exploration project in the middle of a proven mature gold district.

- In the main Project area, the rocks are hidden beneath a thick transported cover, making exploration difficult but further ensuring the **basement geology has remained under-explored**.
- A detailed airborne magnetic survey combined with an extensive ground gravity survey and passive seismic survey has highlighted **well over 70 target zones** based on **structural relationships with physical properties alone**.
- First pass aircore drilling with limited reverse circulation drilling and geochemical signatures in diamond core has confirmed **prospective greenstone geology for gold and base metal exploration**.
- At least **10 separate target areas so far defined** despite only very limited coverage of the project to date.



# In Conclusion - NEAR-TERM CATALYSTS



## Optimisation over ALL of Wiluna

Continue to advance optimisation opportunities across the whole Wiluna Uranium Project.



## Maximise financial and technical feasibility (Lake Maitland Extension)

Lake Maitland Extension Study by SRK is in progress. Significant optionality to maximise financial and technical feasibility.

Add material from Centipede-Millipede & Lake Way.

**Potential high-grade operation well beyond 7th year.**



## Update & Refresh Lake Maitland Stand-alone Scoping Study

Evaluate revised financial outcomes using latest more favourable commodity pricing and exchange rate guidance.



## Large-scale Pilot beneficiation circuit for Feasibility Study

Large scale pilot of beneficiation circuit being designed and planned.



## Wiluna Uranium Project Exploration

28.2Mlbs of  $U_3O_8$  outside Wiluna Uranium Project. Exploration to upgrade Mineral Resources.

Dawson Hinkler 9.4Mlbs contained  $U_3O_8$  not yet evaluated for production



## Our best version of Wiluna is yet to come!



## 90.9Mlbs of $U_3O_8$ and 68Mlbs of $V_2O_5$

Total Inventory of 90.9Mlbs of  $U_3O_8$  and 68Mlbs of  $V_2O_5$



## Uranium market strength to continue in overdrive

Uranium market shows no obvious sign of slowing down. Increased demand and slow supply response provide solid fundamentals for continued and sustained bull run.

**=Structural Deficit**

**=Higher Uranium Prices for Longer!!**

# Western Australia Energy Transition Summit



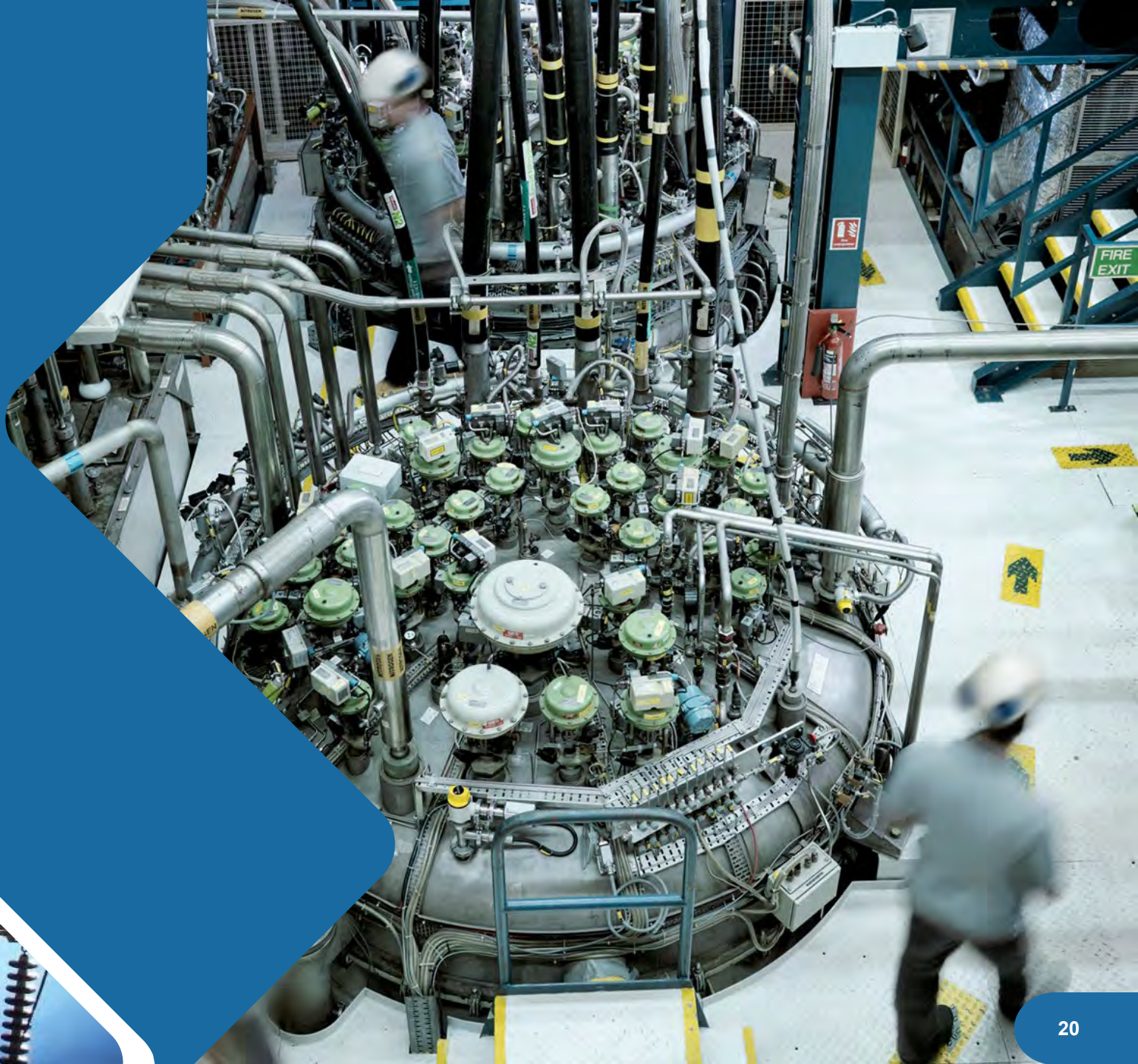
*“Put simply, the benefits of WA helping other high-emission countries to decarbonise far outstrip the benefits of decarbonising our own economy as part of that equation”*

- Premier Roger Cook  
Energy Transition Summit November 2023





# Appendices





# Appendix 1

## Resources

**A - Wiluna Uranium Project Resources Table (JORC 2012)**

**At 100ppm cut-offs inside U<sub>3</sub>O<sub>8</sub> resource envelopes for each deposit - Proposed Mine Only**

|                       |           | Measured                      |                               | Indicated                     |                               | Inferred                      |                               | Total                         |                               |
|-----------------------|-----------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                       |           | U <sub>3</sub> O <sub>8</sub> | V <sub>2</sub> O <sub>5</sub> | U <sub>3</sub> O <sub>8</sub> | V <sub>2</sub> O <sub>5</sub> | U <sub>3</sub> O <sub>8</sub> | V <sub>2</sub> O <sub>5</sub> | U <sub>3</sub> O <sub>8</sub> | V <sub>2</sub> O <sub>5</sub> |
| Centipede / Millipede | Ore Mt    | 7.49                          | -                             | 21.26                         | -                             | 9.96                          | 73.1                          | 38.7                          | 73.1                          |
|                       | Grade ppm | 428                           | -                             | 392                           | -                             | 206                           | 281                           | 351                           | 281                           |
|                       | Oxide Mlb | 7.07                          | -                             | 18.36                         | -                             | 4.52                          | 45.2                          | 29.95                         | 45.2                          |
| Lake Maitland         | Ore Mt    | -                             | -                             | TBA                           | -                             | -                             | TBA                           | TBA                           | TBA                           |
|                       | Grade ppm | -                             | -                             | TBA                           | -                             | -                             | TBA                           | TBA                           | TBA                           |
|                       | Oxide Mlb | -                             | -                             | TBA                           | -                             | -                             | TBA                           | TBA                           | TBA                           |
| Lake Way              | Ore Mt    | -                             | -                             | 15.78                         | -                             | -                             | 18.7                          | 15.78                         | 18.7                          |
|                       | Grade ppm | -                             | -                             | 406                           | -                             | -                             | 307                           | 406                           | 307                           |
|                       | Oxide Mlb | -                             | -                             | 14.12                         | -                             | -                             | 12.7                          | 14.12                         | 12.7                          |
| Total                 | Ore Mt    | 7.49                          | -                             | TBA                           | -                             | 9.96                          | TBA                           | TBA                           | TBA                           |
|                       | Grade ppm | 428                           | -                             | TBA                           | -                             | 206                           | TBA                           | TBA                           | TBA                           |
|                       | Mlb       | 7.07                          | -                             | TBA                           | -                             | 4.52                          | TBA                           | TBA                           | TBA                           |

# Appendix 1 (ctd)

## Resources

B - Wiluna Uranium Project Resources Table (JORC 2012)

At 200ppm cut-offs inside U<sub>3</sub>O<sub>8</sub> resource envelopes for each deposit - Proposed Mine Only

|                       |           | Measured                      |                               | Indicated                     |                               | Inferred                      |                               | Total                         |                               |
|-----------------------|-----------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|
|                       |           | U <sub>3</sub> O <sub>8</sub> | V <sub>2</sub> O <sub>5</sub> | U <sub>3</sub> O <sub>8</sub> | V <sub>2</sub> O <sub>5</sub> | U <sub>3</sub> O <sub>8</sub> | V <sub>2</sub> O <sub>5</sub> | U <sub>3</sub> O <sub>8</sub> | V <sub>2</sub> O <sub>5</sub> |
| Centipede / Millipede | Ore Mt    | 4.9                           | -                             | 12.1                          | -                             | 2.7                           | 53.6                          | 19.7                          | 53.6                          |
|                       | Grade ppm | 579                           | -                             | 582                           | -                             | 382                           | 327                           | 553                           | 327                           |
|                       | Oxide Mlb | 6.2                           | -                             | 15.5                          | -                             | 2.3                           | 38.6                          | 24                            | 38.6                          |
| Lake Maitland         | Ore Mt    | -                             | -                             | 22                            | -                             | -                             | 27                            | 22                            | 27                            |
|                       | Grade ppm | -                             | -                             | 545                           | -                             | -                             | 303                           | 545                           | 303                           |
|                       | Oxide Mlb | -                             | -                             | 26.4                          | -                             | -                             | 18                            | 26.4                          | 18                            |
| Lake Way              | Ore Mt    | -                             | -                             | 10.3                          | -                             | -                             | 15.7                          | 10.3                          | 15.7                          |
|                       | Grade ppm | -                             | -                             | 545                           | -                             | -                             | 335                           | 545                           | 335                           |
|                       | Oxide Mlb | -                             | -                             | 12.3                          | -                             | -                             | 11.6                          | 12.3                          | 11.6                          |
| Total                 | Ore Mt    | 4.9                           | -                             | 44.3                          | -                             | 2.7                           | 96.3                          | 52                            | 96.3                          |
|                       | Grade ppm | 579                           | -                             | 555                           | -                             | 382                           | 322                           | 548                           | 322                           |
|                       | Mlb       | 6.2                           | -                             | 54.2                          | -                             | 2.3                           | 68.3                          | 62.7                          | 68.3                          |

# Appendix 1 (ctd)

## Resources

**Dawson Hinkler and Nowthanna Resources Table (JORC 2012)**  
at 200 ppm U<sub>3</sub>O<sub>8</sub> cutoff

|                |           | Measured<br>U <sub>3</sub> O <sub>8</sub> | Indicated<br>U <sub>3</sub> O <sub>8</sub> | Inferred<br>U <sub>3</sub> O <sub>8</sub> | Total<br>U <sub>3</sub> O <sub>8</sub> |
|----------------|-----------|---|--|---|--|
| Dawson Hinkler | Ore Mt    | -   | 8.4  | 5.2                                       | 13.6                                   |
|                | Grade ppm | -   | 336  | 282                                       | 315                                    |
|                | Oxide Mlb | -   | 6.2  | 3.2                                       | 9.4                                    |
| Nowthanna      | Ore Mt    | -   | -  | 13.5                                      | 13.5                                   |
|                | Grade ppm | -   | -  | 399                                       | 399                                    |
|                | Oxide Mlb | -   | -  | 11.9                                      | 11.9                                   |

# Appendix 2

## Competent Persons' Statements

### Geology and Exploration

The information in this document that relates to geology and exploration was authorised by Dr Greg Shirtliff, who is a full-time employee of Toro Energy Limited.

Dr Shirtliff is a Member of the Australian Institute of Mining and Metallurgy and has sufficient experience of relevance to the tasks with which he was employed 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, Mineral Resources and Ore Reserves.

Dr Shirtliff consents to the inclusion in the report of matters based on information in the form and context in which it appears.

### **Wiluna Project Mineral Resources – 2012 JORC Code Compliant Resource Estimates – $U_3O_8$ and $V_2O_5$ for Centipede-Millipede, Lake Way and Lake Maitland.**

The information presented here that relates to  $U_3O_8$  and  $V_2O_5$  Mineral Resources of the Centipede-Millipede, Lake Way and Lake Maitland deposits is based on information compiled by Dr Greg Shirtliff of Toro Energy Limited and Mr Daniel Guibal of Condor Geostats Services Pty Ltd.

Mr Guibal takes overall responsibility for the Resource Estimate, and Dr Shirtliff takes responsibility for the integrity of the data supplied for the estimation. Dr Shirtliff is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM) and Mr Guibal is a Fellow of the AusIMM and they have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity they are undertaking to qualify as Competent Persons as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2012)'.

The Competent Persons consent to the inclusion in this release of the matters based on the information in the form and context in which it appears.





# Appendix 3

## References

Echo Resources Limited ASX release 22 August 2017.

Phillips, G. N, and Anand, R. R. (2000) Importance of the Yandal greenstone belt, In Yandal Greenstone Belt Regolith, Geology and Mineralisation, (eds) Phillips, G. N, and Anand, R. R., CRC for Landscape Evolution and Mineral Exploration, AIG Bulletin No. 32, July 2000.

### Favourable market fundamentals slide

#### Uranium Prices Have Renewed Momentum as Supply Risks Mount

1. Reuters (2023, May 16). Bill banning uranium imports from Russia passes US House subcommittee.
  2. International Energy Agency. (2023, July 11). Critical Minerals Market Review.
  3. Ocean Wall (2023, September). The case on uranium
- Echo Resources Limited Mineral Resource and Ore Reserve Estimates, refer to ASX Release 27 November 2017.
  - For further information on the beneficiation and processing improvements on the Wiluna Uranium Project please refer to ASX announcements of 18 May, 29 August and 28 September 2016; 20 April, 20 June, 27, June, 12 September and 19 September 2018; and 7 March and 18 March 2019.
  - For further information on the Yandal Gold Project, including the airborne magnetic survey, ground gravity survey and all drilling releases and their accompanying JORC Table 1, please refer to ASX announcements of 23 May, 3 May, 23 May, 29 June, 26 September, 17 October, 6 November and 9 November 2018; and 21 March, 9 April, 28 May, 11 June, 26 June, 9 July and 25 July 2019.
  - For further information on the 2016 drilling at the Yandal One nickel prospect please refer to ASX announcements of 11 December 2015 and 25 November 2016.





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