

## ASX/MEDIA RELEASE

15 April 2016

# TORO APPOINTS STRATEGIC METALLURGY TO OPTIMISATION STUDIES

Toro Energy Limited (**ASX: TOE**) has appointed metallurgical consultants, Strategic Metallurgy, to lead the process optimisation studies program at the Wiluna Uranium Project.

Strategic Metallurgy has been appointed with the aim of improving the process flow sheet and main processing plant design for the Wiluna Project to ultimately deliver improved capital and operational costs.

The current optimisation studies, which build on the significant technical work completed to date at Wiluna, are focused on a reassessment of process flow sheet design and include:

- potential improvements to mill head grade through beneficiation technologies;
- investigation into alternate uranium recovery techniques;
- reducing reagent consumption; and
- water recovery and improved tailings.

Importantly, the program of work is based upon the recent resource evaluation and geological modelling of the four main deposits, announced in February 2016, that defined a resource of 40 Mlbs at 951ppm U<sub>3</sub>O<sub>8</sub> (500ppm cutoff). The updated resource has provided Toro with the opportunity to investigate substantial improvements to the head grade for the processing circuit targeting improvements to existing project economics.

*"We are very pleased to be working with Strategic Metallurgy in our owner's team to progress improvements to the Wiluna Project,"* Managing Director, Vanessa Guthrie said today.

*"Strategic Metallurgy has an outstanding reputation for innovation and delivery of results in developing and improving metallurgical processes across a range of minerals. They are well placed to provide the technical know-how to build on our recent resource improvement and convert it to real savings in capital and operating costs."*

Wiluna is the most advanced uranium development project in Australia. The optimisation studies undertaken to date have identified significant opportunities to reduce the Wiluna cost base, and Strategic Metallurgy are now well placed to convert these opportunities into quantifiable improvement outcomes.

**ENDS**

### FURTHER INFORMATION:

Vanessa Guthrie	Toro Energy	08 9214 2100
John Gardner	Citadel-MAGNUS	08 6160 4900

*Toro Energy's vision is to be Australia's next mid-tier uranium company. Toro will maximise shareholder returns through responsible mine development and asset growth.*

*Toro's flagship asset is the 100% owned Wiluna Uranium Project, the most advanced uranium development project in Australia. Located 30 kilometres southwest of Wiluna in Central Western Australia, Wiluna is a high quality resource with State and Federal environmental approvals in place for the Lake Way and Centipede deposits, putting it in a prime position to be Western Australia's first uranium mine.*

*Toro also owns a number of tenements in the highly prospective Lake Mackay region on the Western Australian/Northern Territory border which includes Toro's own discovery at the Theseus Prospect.*

**[www.toroenergy.com.au](http://www.toroenergy.com.au)**

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## **Competent Persons' Statement**

### **Wiluna Project Mineral Resources – 2012 JORC Code Compliant Resource Estimates – Centipede, Millipede, Lake Way, Lake Maitland, Dawson Hinkler and Nowthanna Deposits**

*The information presented here that relates to Mineral Resources of the Centipede, Millipede, Lake Way, Lake Maitland, Dawson Hinkler and Nowthanna deposits is based on information compiled by Dr Greg Shirliff and Mr Sebastian Kneer of Toro Energy Limited and Mr Daniel Guibal of SRK Consulting (Australasia) Pty Ltd. Mr Guibal takes overall responsibility for the Resource Estimate and Dr Shirliff takes responsibility for the integrity of the data supplied for the estimation. Dr Shirliff 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.*

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

		Measured		Indicated		Inferred		Total	
		200ppm	500ppm	200ppm	500ppm	200ppm	500ppm	200ppm	500ppm
Centipede / Millipede	Ore Mt	4.9	1.9	12.1	4.5	2.7	0.4	19.7	6.8
	Grade ppm	579	972	582	1,045	382	887	553	1,021
	U <sub>3</sub> O <sub>8</sub> Mlb	6.2	4.2	15.5	10.3	2.3	0.9	24.0	15.3
Lake Maitland	Ore Mt	-	-	22.0	8.2	-	-	22.0	8.2
	Grade ppm	-	-	545	929	-	-	545	929
	U <sub>3</sub> O <sub>8</sub> Mlb	-	-	26.4	16.9	-	-	26.4	16.9
Lake Way	Ore Mt	-	-	10.3	4.2	-	-	10.3	4.2
	Grade ppm	-	-	545	883	-	-	545	883
	U <sub>3</sub> O <sub>8</sub> Mlb	-	-	12.3	8.2	-	-	12.3	8.2
Sub-total	Ore Mt	<b>4.9</b>	<b>1.9</b>	<b>44.3</b>	<b>16.9</b>	<b>2.7</b>	<b>0.4</b>	<b>52.0</b>	<b>19.2</b>
	Grade ppm	<b>579</b>	<b>972</b>	<b>555</b>	<b>948</b>	<b>382</b>	<b>887</b>	<b>548</b>	<b>951</b>
	U <sub>3</sub> O <sub>8</sub> Mlb	<b>6.2</b>	<b>4.2</b>	<b>54.2</b>	<b>35.3</b>	<b>2.3</b>	<b>0.9</b>	<b>62.7</b>	<b>40.4</b>
Dawson Hinkler	Ore Mt	-	-	8.4	0.9	5.2	0.3	13.6	1.1
	Grade ppm	-	-	336	596	282	628	315	603
	U <sub>3</sub> O <sub>8</sub> Mlb	-	-	6.2	1.1	3.2	0.4	9.4	1.5
Nowthanna	Ore Mt	-	-	-	-	13.5	2.6	13.5	2.6
	Grade ppm	-	-	-	-	399	794	399	794
	U <sub>3</sub> O <sub>8</sub> Mlb	-	-	-	-	11.9	4.6	11.9	4.6
Total	Ore Mt	<b>4.9</b>	<b>1.9</b>	<b>52.7</b>	<b>17.8</b>	<b>21.4</b>	<b>3.3</b>	<b>79.0</b>	<b>23.0</b>
	Grade ppm	<b>579</b>	<b>972</b>	<b>520</b>	<b>931</b>	<b>368</b>	<b>765</b>	<b>482</b>	<b>916</b>
	U <sub>3</sub> O <sub>8</sub> Mlb	<b>6.2</b>	<b>4.2</b>	<b>60.4</b>	<b>36.4</b>	<b>17.4</b>	<b>5.5</b>	<b>84.0</b>	<b>46.4</b>