



TORO ENERGY LIMITED

PDAC

Uranium Session

Briefing

MARK MCGEOUGH
GENERAL MANAGER-EXPLORATION
MARCH 2012



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Corporate Overview

Who is Toro?





- ASX listed uranium focused company and potential developer of Australia's next uranium mine
- Principal Development Asset: **Wiluna Uranium Project**
 - Australia's next uranium mine, one of the few in the world capable of production in the critical 2014-15 period
 - > 54mlb (24,244 tonnes) U_3O_8 total regional resource (at 200ppm U_3O_8 cut off[#])
- Principal Exploration Asset: **Theseus Uranium Project**
 - Greenfield discovery with exploration target range 22 to 44mlbs (20,000 tonnes) U_3O_8 with significant upside^{*}

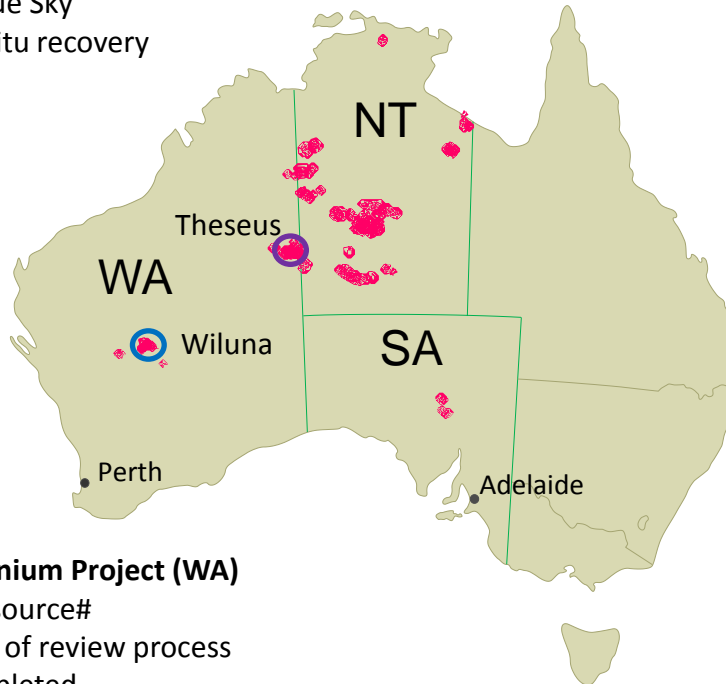
Corporate Overview



TORO ENERGY LIMITED

100% Theseus Uranium Project (WA)

- Greenfield discovery
- 22 – 44mlbs U₃O₈ Exploration Target Range*
- Significant Blue Sky
- Potential In-situ recovery



100% Wiluna Uranium Project (WA)

- 54mlb U₃O₈ resource#
- EPA final stage of review process
- Trial Mine completed
- Process Pilot Plant tested
- Construction during 2013
- First uranium sales 2014

Toro's Australian Exploration Footprint

SA, NT and WA are Australian States and Territories that allow uranium mining and enclose Toro's project and exploration footprint.

Capital Structure

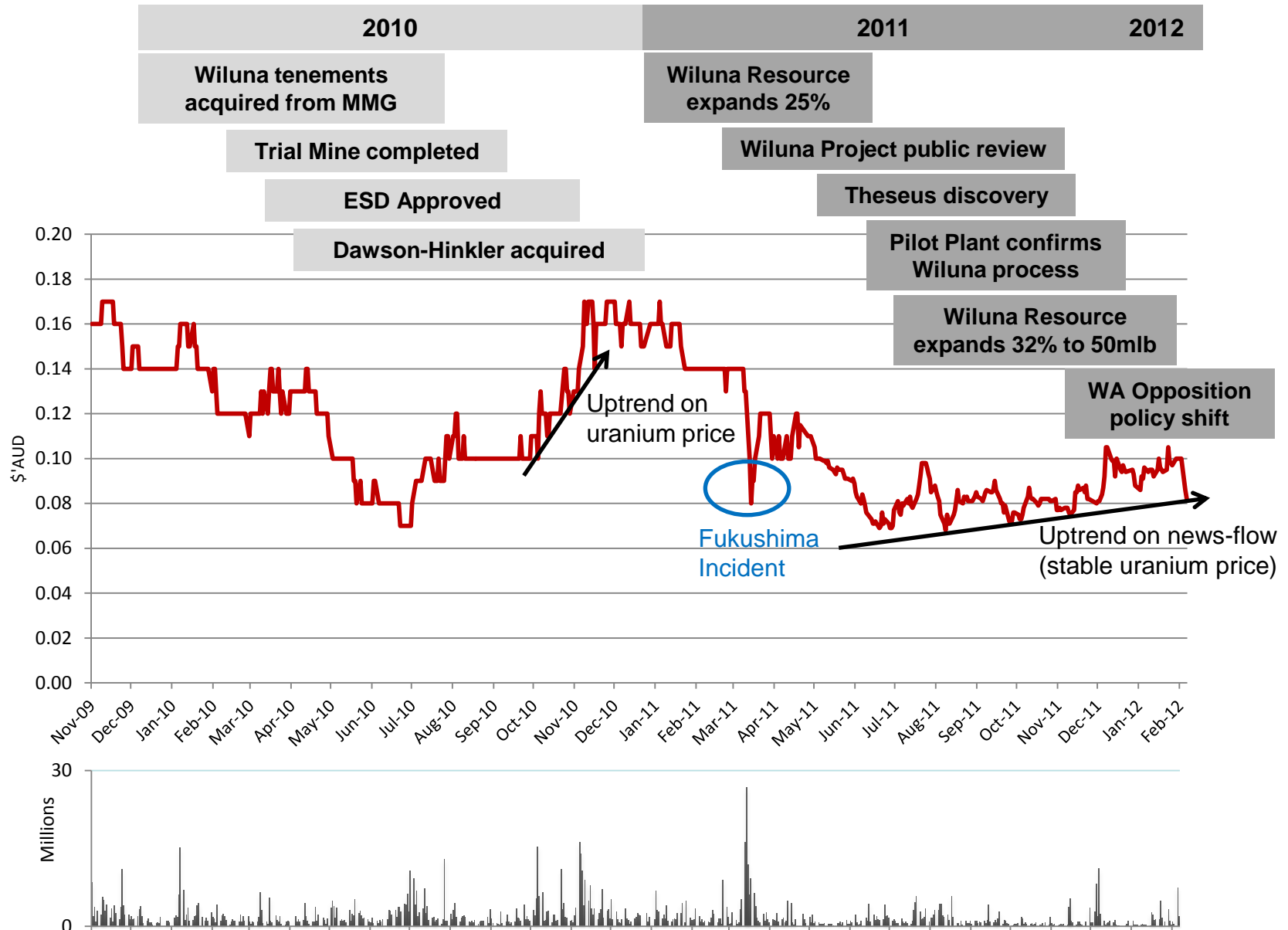
- Listed on ASX
- 975.44m shares on issue
- 38.3m unlisted options
- \$0.083 Share Price (27 Feb.)
- ~\$81m Market Capitalisation
- \$10.5m Cash (end December)
- Plus \$3.75m cash from mineral rights sale to OZL
- ~\$67m Enterprise Value
- Share Purchase Plan @ \$0.08 in process

See resources statement page 25, and *Exploration Target Range statement page 26

Toro News-flow & Share Price



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Nuclear Power and the Uranium Market





“2011 was a challenging year for the uranium sector, following the incident at the Fukushima power plant. However, 2011 also saw a number of announced delays to uranium project development. We estimate the incentive price for medium-term uranium projects is >50% above the current spot uranium price which will lead to supply being pushed out and the market moving into deficit.” J.P. Morgan January 2012.

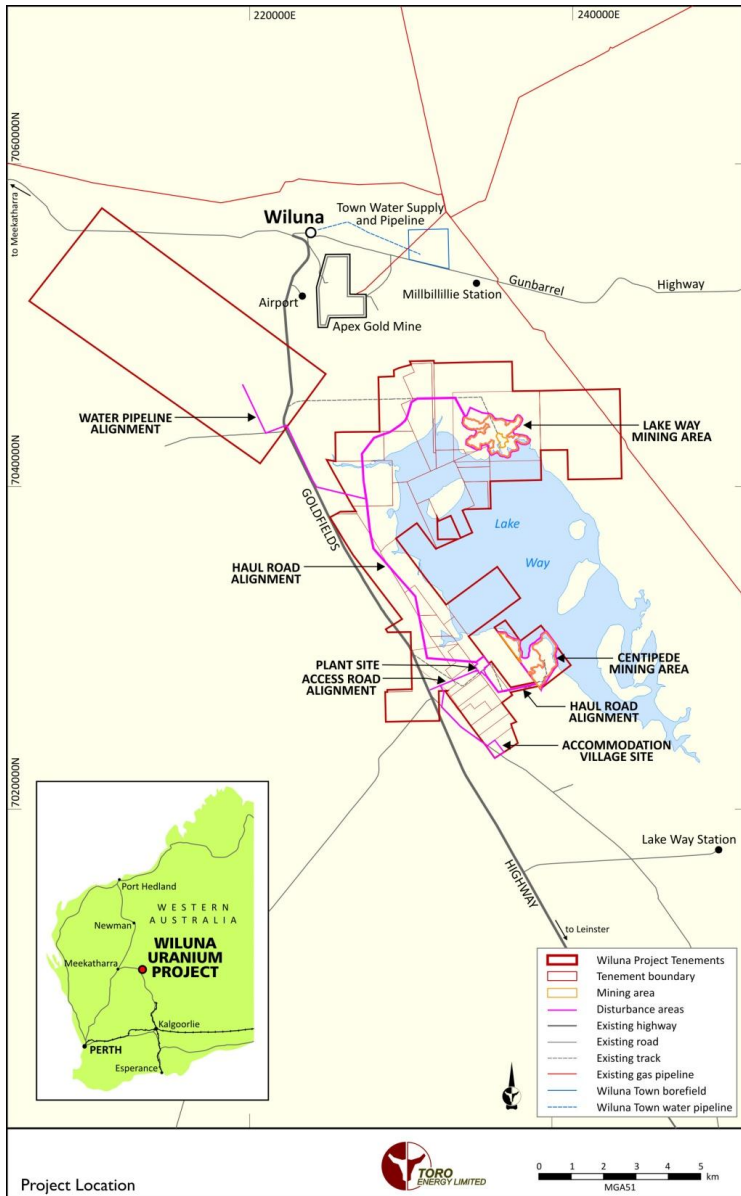
- Total uranium supply in 2011 is estimated to be 170mlb U_3O_8
- Forecast increase in demand to 2025 is estimated to be +100mlb U_3O_8
- The USA-Russia HEU deal ends in 2013 reducing supply by 24mlb U_3O_8
- Growth in uranium supply is overestimated:
 - Suspension or delay of major projects e.g. Trekkopje, Yeelirrie, 4 Mile
 - Decision by Kazakhstan Government to cap production levels
 - Political issues and approval delays constraining projects
 - Production issues at existing mines e.g. Ranger
 - Market overestimation of pipeline supply e.g. Olympic Dam Expansion

Wiluna Uranium Project

“The next Australian uranium mine”

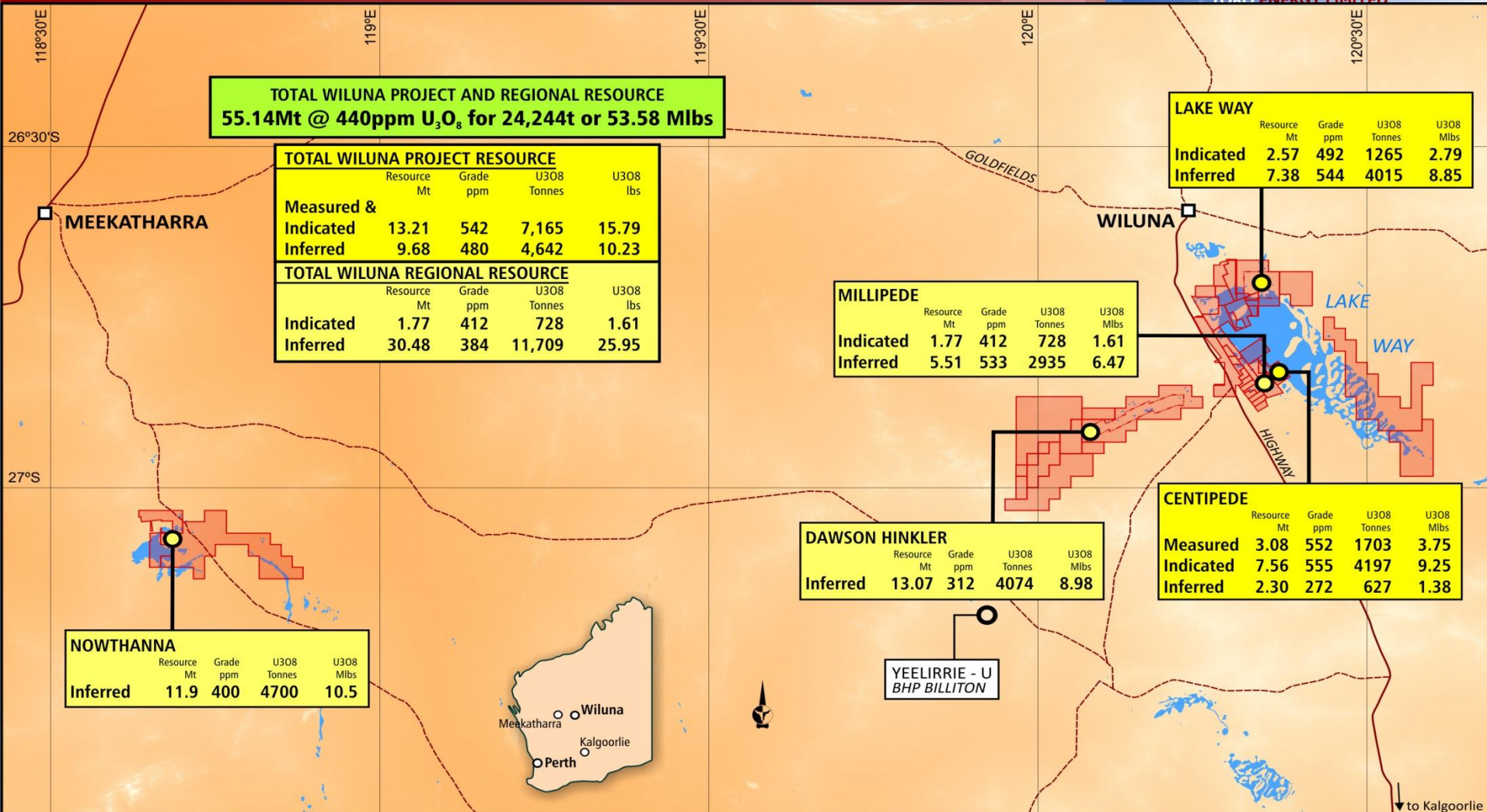


Wiluna Project - Highlights



- Shallow open pit mining (<10m), strip 3.8:1
- Processing 1.3 mtpa ore
- Alkaline tank leach with direct precipitation
- Production up to 1200tpa UO_4
- In-pit tailings storage, progressive rehabilitation, similar to shallow sand mining operation

Wiluna Regional Uranium Resources



Toro Energy Licence/Lease

Wiluna Project Resource

Wiluna Regional Resource

All Resources are reported using a 200 ppm U₃O₈ cutoff grade



0 20 40
kilometres

WILUNA URANIUM PROJECT AND REGIONAL RESOURCES MAP

Scale: 1:800K (A4)

Date: 23/2/12

Author: V.G.

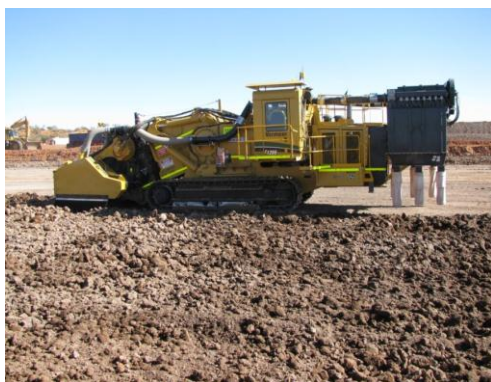
Plan Ref: p10-030-5

Rev:A

Drawn: J.F.

See resources statement page 25

Significant technical work



- Regional resource consolidation
 - ✓ Wider area now 54mlb U_3O_8 regional resource[#]
 - ✓ Subject to further work may provide additional production potential
- Trial mining confirms selective mining process
 - ✓ Ability to map and select higher grade confirmed
 - ✓ Continuous miner confirmed efficient method
 - ✓ In pit tailings deposition and full rehabilitation
- Pilot plant confirms Toro's proposed process
 - ✓ Economic processing and recovery proven
 - ✓ Saline water used for processing
 - ✓ Sample uranium product to be sent to uranium converters

#See resources statement page 25

Pilot Plant



Pilot Plant Facility



Close up of Atmospheric leach circuit.

- Fully integrated continuous hydrometallurgical circuit producing SDU (sodium diuranate)
- Utilised 15 tonne ore sample from trial mining exercise and 40 tonne site water
- Two types of ore tested
 - Calcrete dominant
 - Clay dominant
- Multiple flow sheet sample points
- Produced $\text{UO}_4 \cdot 2\text{H}_2\text{O}$ for sample submission to converter acceptance testing

Key Results:

- Proposed extraction process confirmed
- Saline groundwater useable in process
- Overall recovery in range of 83%-85%
- No “red flags”
- Reagent usage and flow rates confirmed

Key Project Parameters



| Parameter | Optimisation Study September 2009 | November 2011 Economics |
|------------------|--------------------------------------|----------------------------|
| Processing Plant | 1.6mtpa – 2.0mtpa | 1.3mtpa |
| Head grade | 668ppm U_3O_8 | 720ppm |
| Recovery | 86% | ~85% |
| C1 Cash Cost | ~US\$40/lb | US\$33/lb |
| Capital Cost | ~A\$264m | A\$280m |
| Product | 700-1000t U_3O_8 | 820t U_3O_8 |
| Mining Duration | 8-10 years | Up to 14 years |

ERMP and Approval Process



Completed Stages

- ✓ WA and Federal Referral Documents October 2009
- ✓ Level of Assessment set at ERMP January 2010
- ✓ Scoping Document Agreed September 2010
- ✓ ERMP Draft submitted March 2011
- ✓ ERMP public review concluded 31 October 2011
- ✓ Response to Submissions Document lodged December 2011

"WA Opposition Leader Mark McGowan said if he won the 2013 election, any [uranium] mines that were approved before that time would remain operational..... Adelaide-based Toro Energy appears to be the frontrunner for WA's first uranium mine, expecting final state government decisions will be made for its Wiluna project in mid-2012."
AAP Report January 24, 2012

The Process from here...

- 🌀 WA EPA completes report with recommendation to WA Environment Minister
- 🌀 Western Australian Government makes formal decision
- 🌀 Federal Environment Minister makes formal decision

....Government decisions anticipated by **mid 2012.**

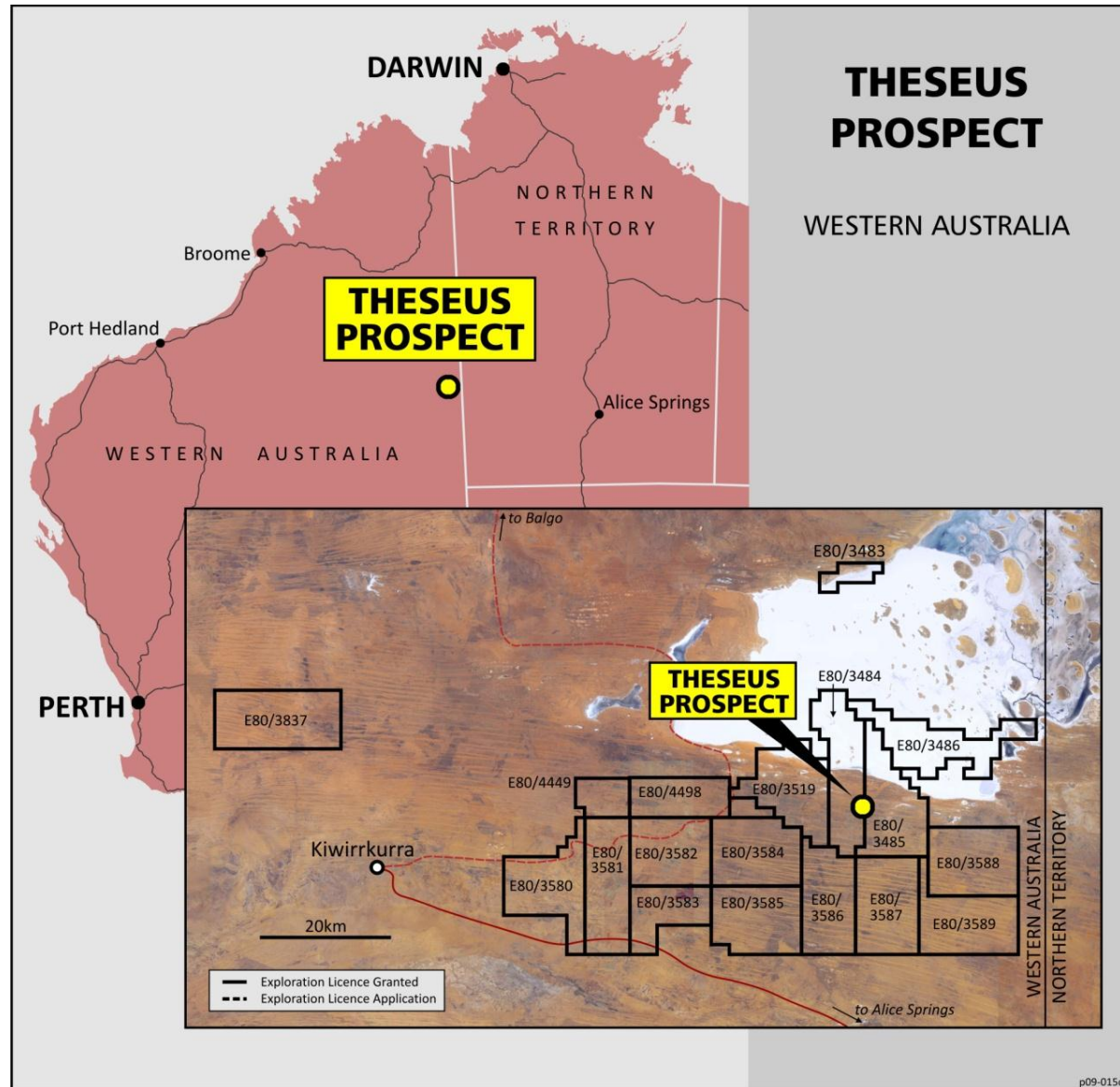


Exploration

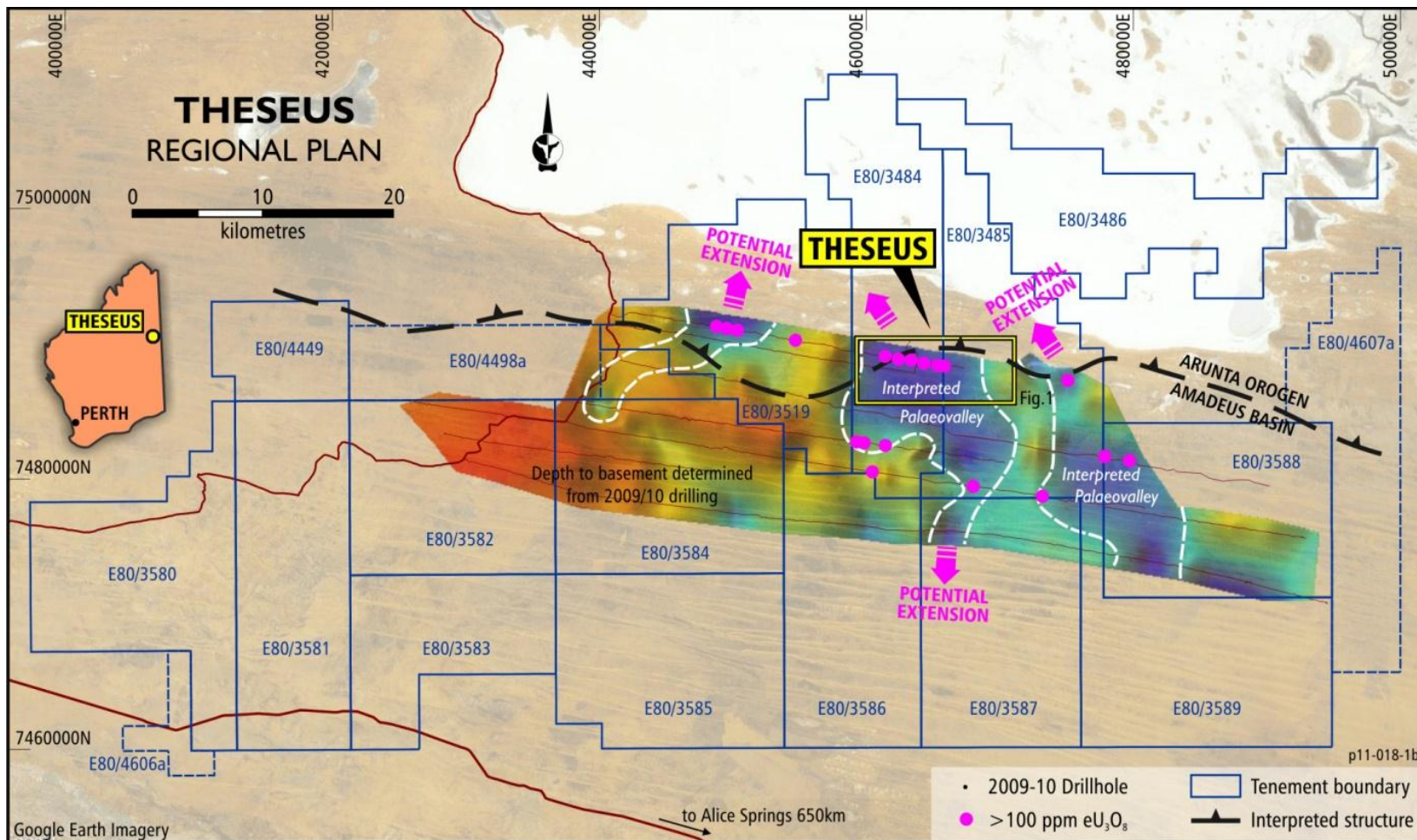
Theseus Uranium Project



Theseus : Location

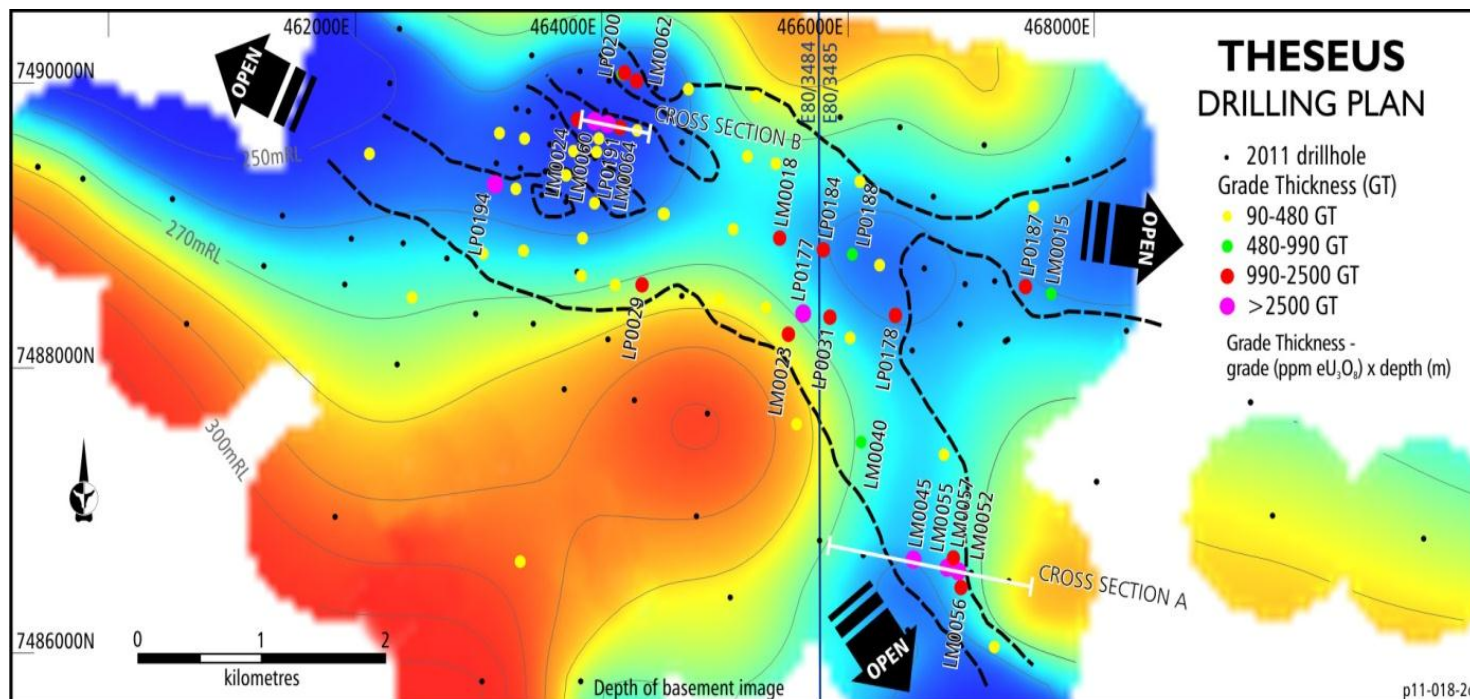


Theseus : Depth to Basement



- ✓ Similarities with Frome Embayment in South Australia (hosts “Beverley” & “4 Mile” deposits)
- ✓ Mineralisation at 95m to 120m below surface
- ✓ At least four areas with greater than 0.5m @ 100ppm U_3O_8 from drilling.

Theseus Mineralisation



Example intersections:

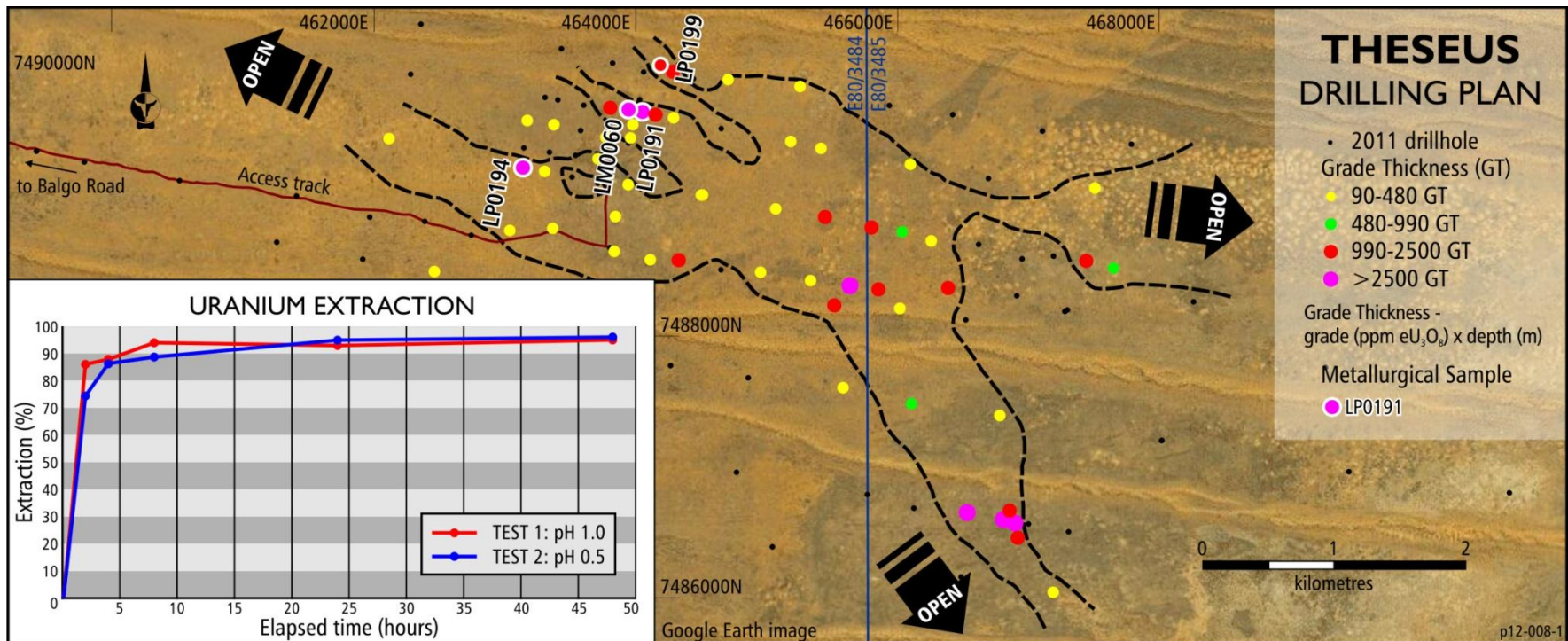
- LP029: 2.76m @ 610ppm eU_3O_8 incl. 1.44m @ 899ppm eU_3O_8 (GT 0.13%)
- LP177: 4.84m @ 829ppm eU_3O_8 incl. 1.56m @ 2010ppm eU_3O_8 (GT 0.31%)
- LP191: 9.06m @ 620ppm eU_3O_8 incl. 2.92m @ 1497ppm eU_3O_8 (GT 0.44%)
- LM52: 3.44m @ 1321ppm eU_3O_8 incl. 1.34m @ 3070ppm eU_3O_8 (GT 0.41%)
- LM 60: 3.74m @ 1724ppm eU_3O_8 incl. 2.62m @ 2321ppm eU_3O_8 (GT 0.61%)

Theseus Metallurgical Testwork

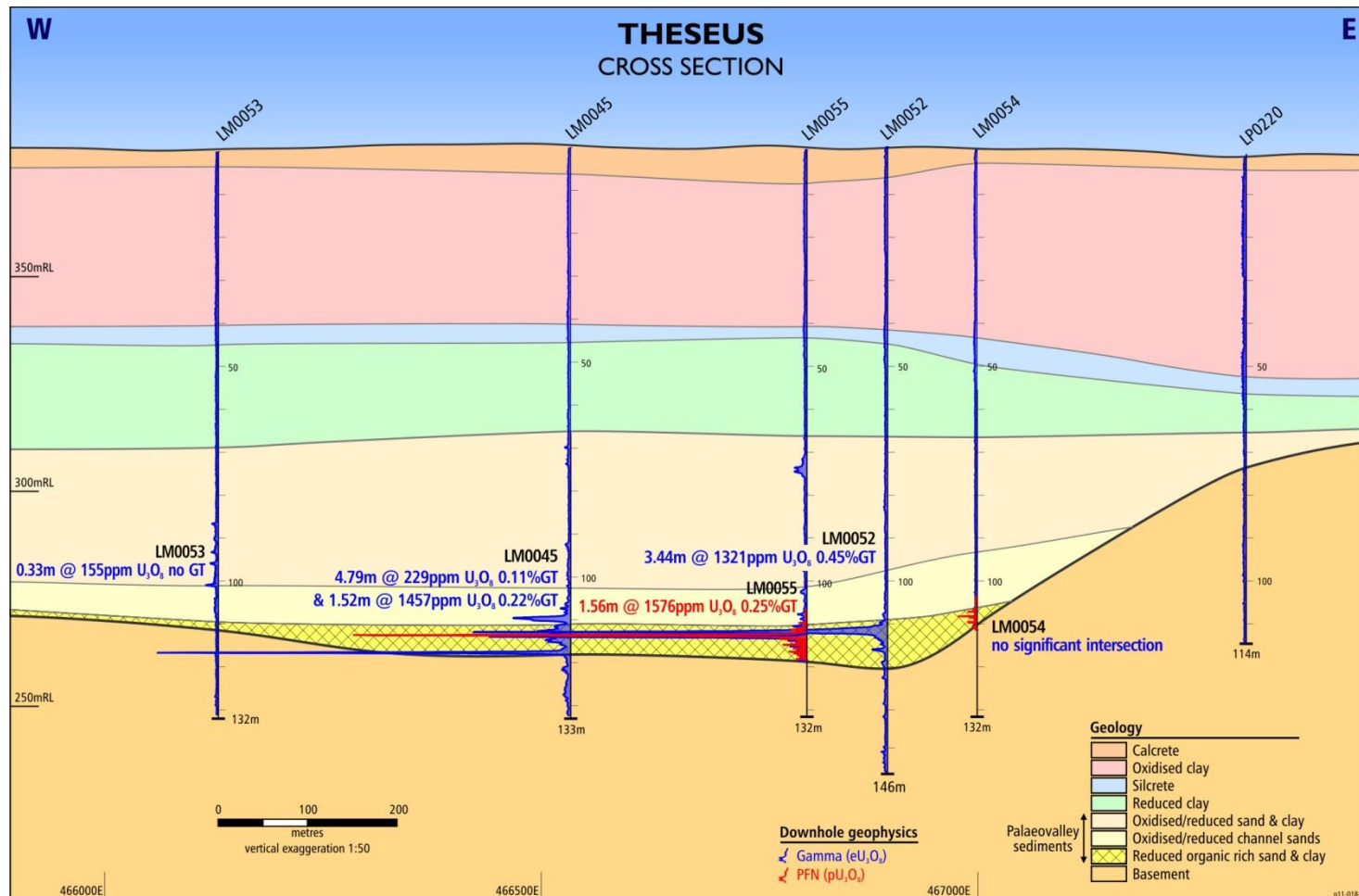


Uranium extractions of up to 96% achieved - bottle roll method

- Uranium minerals are easily available for leaching-coating grains
- Very low consumption of acid
- Adding oxidants increases extraction to nearly 99%
- Extraction is very quick mostly within the first two hours of leaching



Theseus Cross-Section



- ✓ Trial PFN results from one hole indicate positive disequilibrium
- ✓ Roll Front - 400m wide in this area.

Theseus: Next Steps



Significant drilling program in 2012

- Mainly mud rotary drilling - 30,000m May to July
- Water bore drilling for water aquifer characterisation / flow tests - July
- Diamond core for geological control and samples for testwork - May
- Use of PFN tool (due to positive uranium disequilibrium) – May-June
- Metallurgical testwork on core samples - July

Prime Objectives for 2012

- Maiden uranium resource defined in accordance with JORC code - August-Sept
- Testing of anomalous areas for further deposits
- Preliminary testwork and project scoping work for high level economics



“Toro’s strategy is to become a significant sustainable uranium mining company focusing on developing a top tier exploration and production profile in the global uranium mining sector generating superior shareholder returns.”

“Significant”

- production of greater than 2.2mlb (1,000t) U_3O_8 pa by 2015
- production of greater than 5.5mlb (2,500t) U_3O_8 pa by 2020

“Sustainable”

- a JORC Resource greater than 100mlb (45,000t) U_3O_8 by 2015
- a JORC Resource greater than 220mlb (100,000t) U_3O_8 by 2020



Mark McGeough

General Manager-Exploration

Come and visit Booth 2205B Tuesday or Wednesday

Toro Energy Limited

Corporate Office

3 Boskenna Avenue

NORWOOD

South Australia 5067

Telephone: +61 8 8132 5600

Facsimile: +61 8 8362 6655

Email: info@toroenergy.com.au

Website: www.toroenergy.com.au



Competent Person Statement



#The information in this report that relates to Mineral Resources is based on information compiled by Dr Katrin Karner consulting to Toro Energy Limited, Mr Robin Simpson and Mr Daniel Guibal of SRK Consulting (Australasia) Pty Ltd. Daniel Guibal takes overall responsibility for the Resource Estimate, and Dr Karner takes responsibility for the integrity of the drilling results. Dr Karner, Mr Simpson and Mr Guibal are Members of the Australasian Institute of Mining and Metallurgy (AusIMM), and 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 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code 2004)'. 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.

**The information in this report based on Exploration Results was compiled by Mr Mark McGeough who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr McGeough is a full-time employee of Toro, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr McGeough consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.*



*Theseus Project Target Exploration Range



**20Mt to 40Mt @ approx 400 to 500 parts per million (ppm) U_3O_8 ,
for 10,000t to 20,000t U_3O_8 or 22Mlb to 44Mlb U_3O_8 .***

***CAUTIONARY STATEMENT**

The Exploration Target Range (ETR) is conceptual in nature and there has been insufficient exploration completed to define this material as a Mineral Resource. There is no certainty that the further work referred to herein will result in the determination of a Mineral Resource.

Information in this report is based on information compiled by Mr Mark McGeough, who is a Fellow of the Australasian Institute of Mining and Metallurgy. Mr McGeough is a full-time employee of Toro, and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr McGeough consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

Information in this report relating to Deconvolved Gamma Results, is based on information compiled by Mr David Wilson BSc MSc who is a Member of the Australasian Institute of Mining and Metallurgy. Mr Wilson is a full-time employee of 3D Exploration Ltd, a consultant to Toro and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Wilson consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

** Downhole gamma logging of drill holes provides a powerful tool for uranium companies to explore for and evaluate uranium deposits. Such a method measures the natural gamma rays emitted from material surrounding a drill hole. Gamma radiation is measured from a volume surrounding the drill hole that has a radius of approximately 35cm. The gamma probe is therefore capable of sampling a much larger volume than the geological samples recovered from any normal drill hole.*

Gamma ray measurements are used to estimate uranium concentrations with the commonly accepted initial assumption being that the uranium is in (secular) equilibrium with its daughter products (or radio- nuclides) which are the principal gamma ray emitters. If uranium is not in equilibrium (viz. in disequilibrium), as a result of the redistribution (depletion or enhancement) of uranium and/or its daughter products, then the true uranium concentration in the holes logged using the gamma probe will be higher or lower than those reported in this announcement.

The logging of aircore was undertaken by Toro Energy Ltd utilising an Auslog Logging System. The gamma tools were calibrated in Adelaide at the Department of Water in calibration pits constructed under the supervision of CSIRO. Toro Energy carries out regular recalibration checks to validate the accuracy of gamma probe data.

The gamma ray data was converted from counts per second to eU3O8 using calibration factors obtained from measurements made at the calibration pits. The eU3O8 data was also adjusted by an attenuation factor, determined onsite, due to logging in drill rods. These factors also take into account differences in drill hole size and water content. The eU3O8 data has been filtered (deconvolved) to more closely reproduce the true grades and thicknesses where thin narrow zones are encountered. The various calibration factors and deconvolution parameters were calculated by David Wilson BSc MSc MAusIMM from 3D Exploration Ltd based in Perth, Western Australia.

Bore Hole Geophysical Services based in Perth, WA collected down-hole gamma measurements along with density and resistivity measurements in mud rotary holes. Downhole gamma and PFN measurements in hole LM0054 and LM0055 were collected by GAA Wireline of Mt Barker SA. For further information on the use and calibration of the PFN readers are directed to the GAA Wireline website www.gaawireline.com