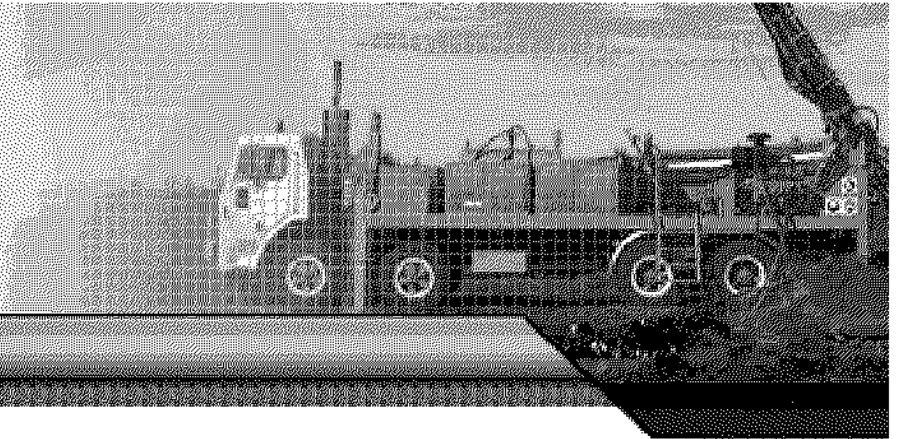


**TORO ENERGY LIMITED**



# **TORO ENERGY LIMITED**

## **Company and Activities Overview**

### **July 2007**



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All amounts in A\$ unless stated otherwise.



## **Presentation Outline**

- **Toro Energy Limited**
- **Uranium Market**
- **Exploration**
- **Business Development**



# Toro Energy Limited

Shares

145.5 million

(50.4% escrowed)

Staff/Directors' Options

7.5 million

(100% escrowed)

Listed

24 March 2006

Current market cap (2<sup>nd</sup> July 07)

~A\$ 138 million

Cash on hand (1<sup>st</sup> April 07)

A\$ 12.5 million

Major Shareholders

Oxiana (24.7%)

Minotaur (24.7%)

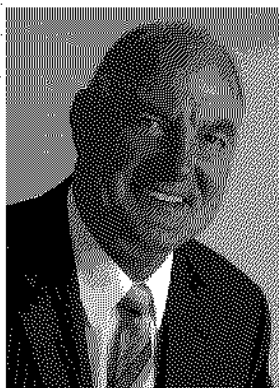
Oxiana and Minotaur provide strong support through Board



**Ian Gould**  
Chairman

Former MD Rio Tinto  
Australia &  
Normandy Mining

## The Toro Board



**Owen Hegarty**  
Director

MD of Oxiana and  
former MD of CRA  
Base Metals



**Derek Carter**  
Director

MD of Minotaur Exploration  
and Former Exploration  
Manager Billiton

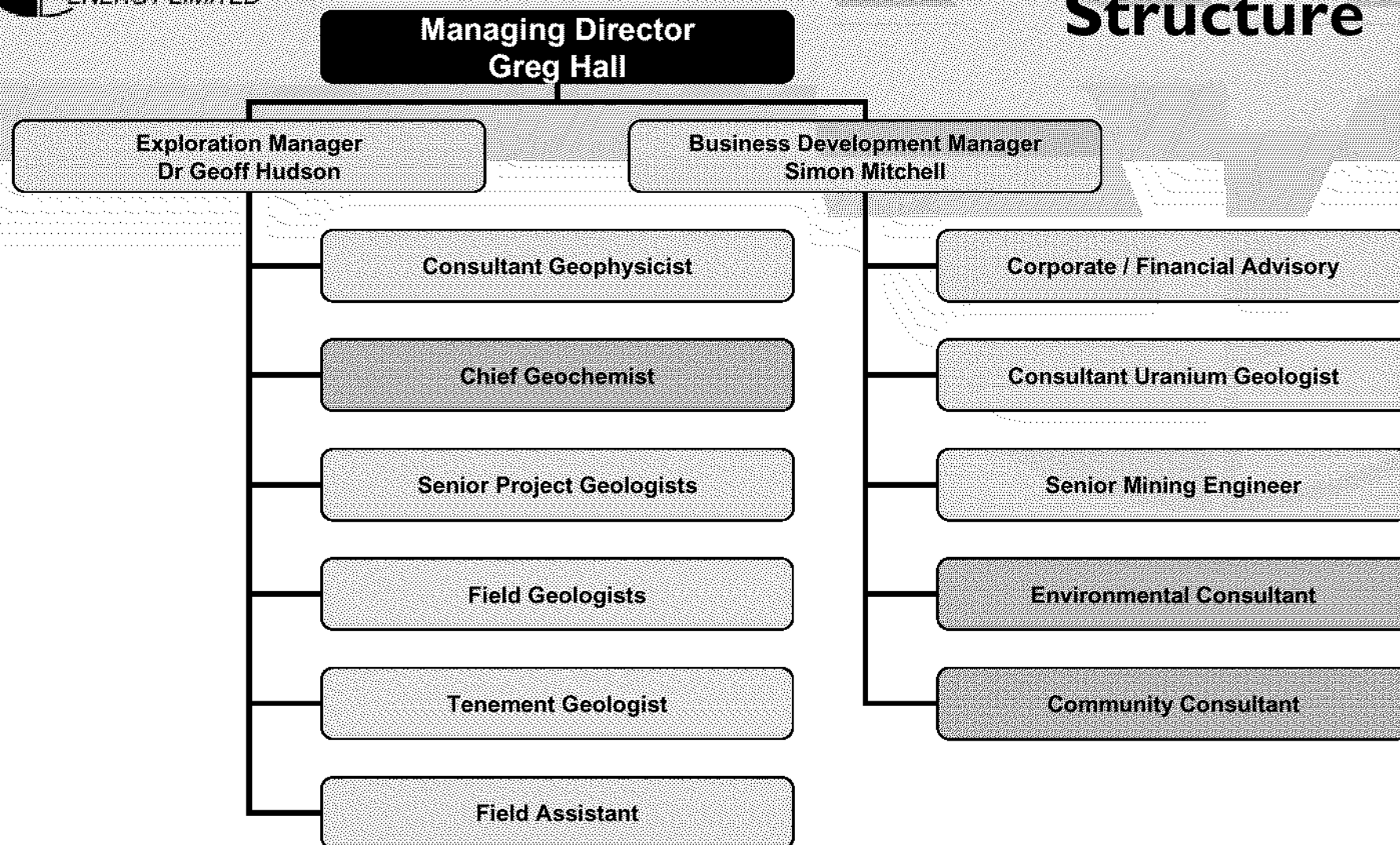


**Greg Hall**  
Managing Director

Former Manager Mine Operations and Marketing Manager  
for ERA Ltd, former Mine Manager Olympic Dam Cu-U  
Deposit and former Director of Sales Comalco



# Company Structure



**Geological Team: 9 very experienced geologists form the Toro Exploration and Business Development team, 6 with uranium exploration experience.**



## **Input by Major Shareholders**

### **Oxiana brings:**

- **Corporate access & advice**
- **Business development skills**
- **Project evaluation skills**
- **Financial support**
- **Project development skills**

**A successful mid cap multi commodity producer. Financial and project development clout. Toro has uranium rights on Mt Woods tenements around Prominent Hill**

### **Minotaur Exploration brings:**

- **Experienced successful explorer – discoverer of Prominent Hill**
- **SA tenement and JV holdings**
- **14 year SA geological database**
- **Exploration expertise**
- **SA political experience**

**Discoverer of Prominent Hill and important South Australian experience. Toro has Uranium access rights on the SA tenement package.**



## Strategy and Objectives

**To become a major participant in the Australian uranium mining sector by:**

**Exploration**  
**of its extensive**  
**tenement holdings**  
**( > 26,000 km<sup>2</sup>)**

**Acquisition and Development**  
**- Actively pursue uranium**  
**development opportunities**  
**in Australia and overseas;**

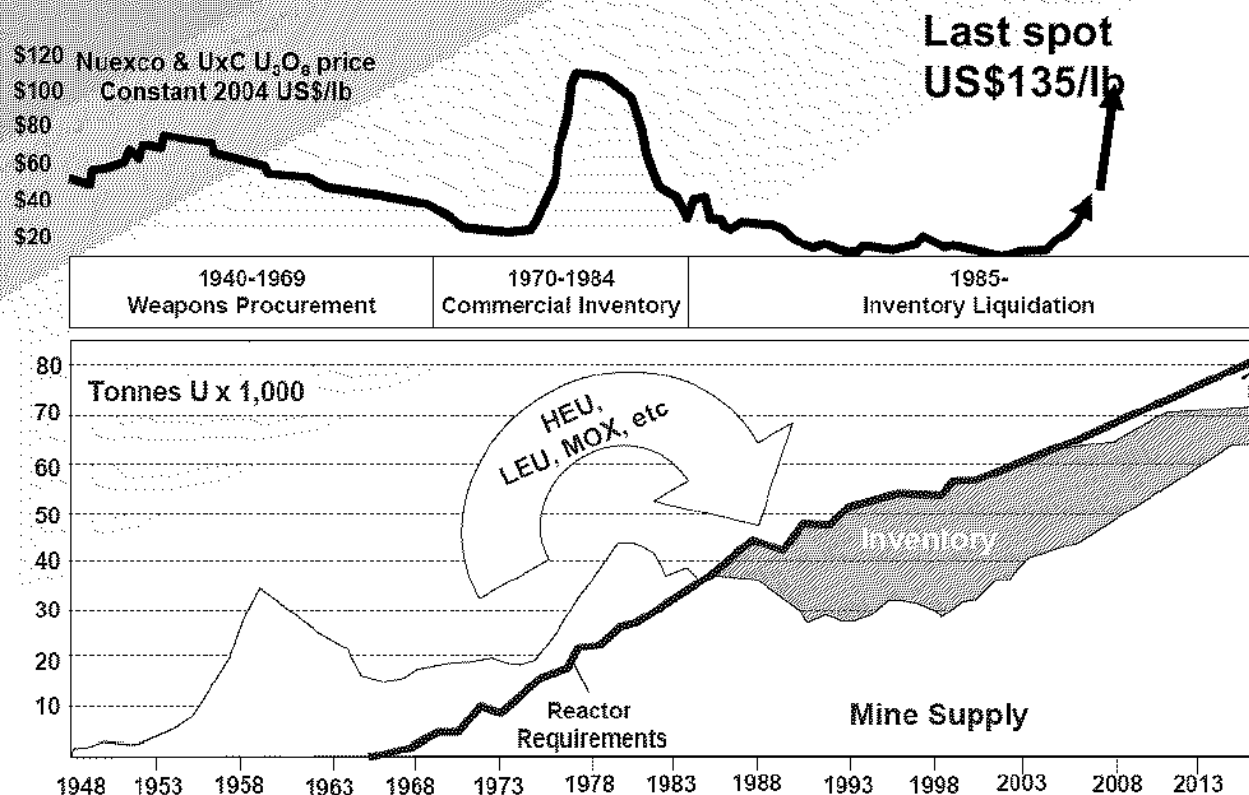
**Integral to doing this will be to:**

- ***Continue to build an experienced Toro team;***
- ***Continue to build a progressive project pipeline from grass roots exploration through to near-production ready assets;***
- ***Access and utilise the technical and corporate skills base of Oxiana and Minotaur.***

# Uranium Market



## History of Uranium Supply & Demand from 1948



Based on Thomas Neff, MIT 2004, *Insights into the future: Uranium Prices & Price Formation 1947-2004* & UxC Data ([www.uxc.com](http://www.uxc.com))

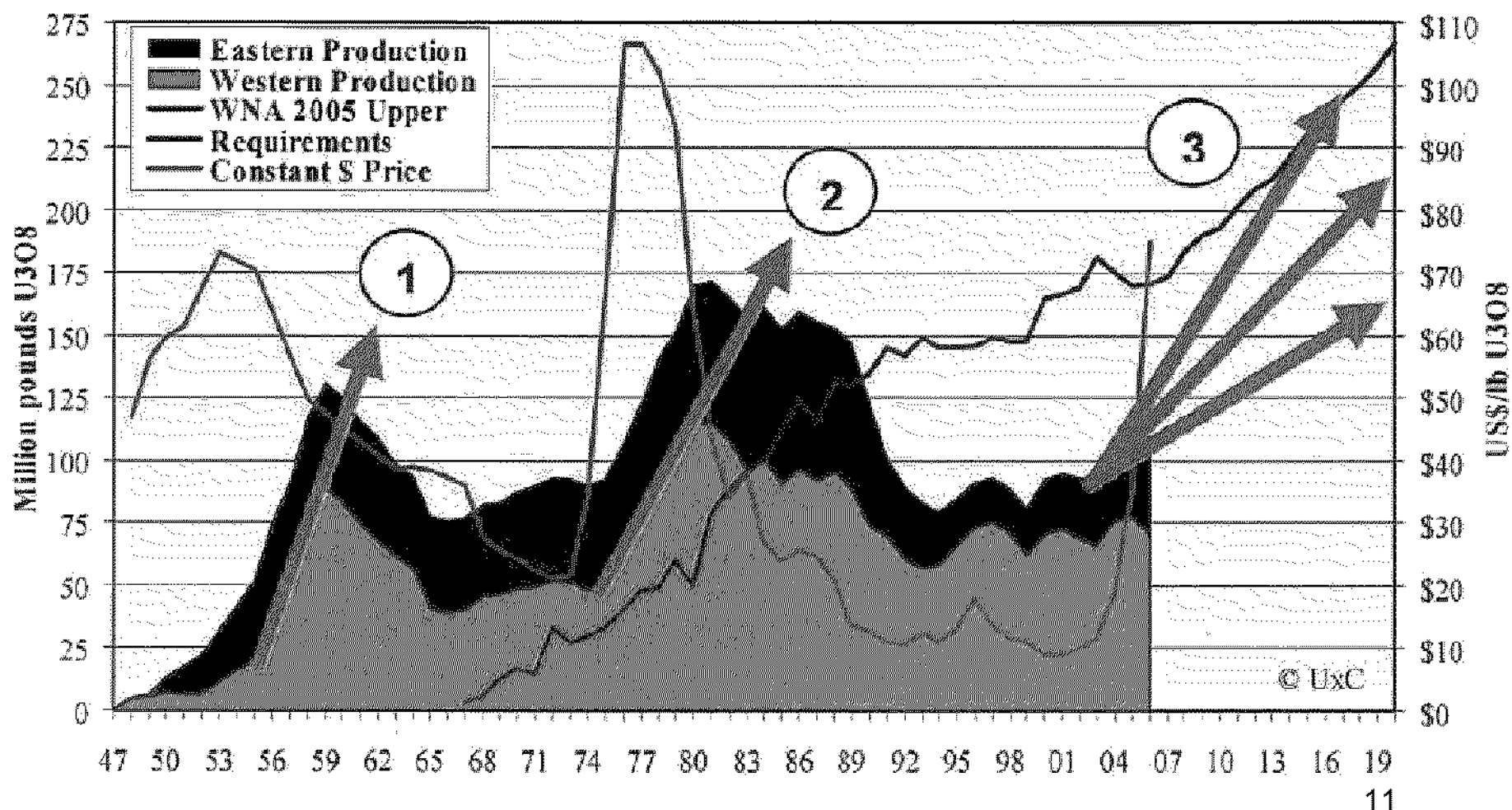
### Demand

- Global energy demand
- Continuing efficiency gains in existing plants
- Reactor life extensions
- 90 plants under construction & planned
- Major expansion programs in China, Russia, India
- "First Load" – 2 to 3 times ongoing requirements

### Supply

- Existing mines at full pace – expansions planned
- New mines – Namibia, South Australia, South Africa, USA, Canada, Kazakhstan – historical deposits
- Timing & start-up issues on new mines
- Little exploration in 25 years – expenditure growing
- Reducing inventory & military downblend material

# Future Production Increase



# Reactors & Uranium Demand

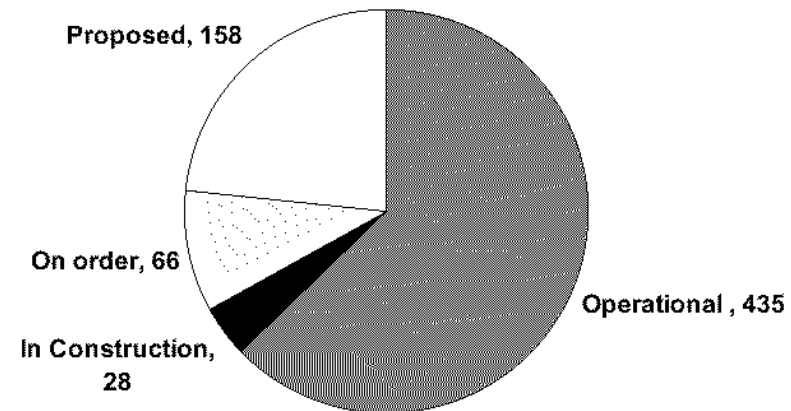
## ➤ USA

- Currently 103 in operation
- Rationalisation of nuclear utilities
- Efficiency improvements
- Life extensions, upgrades & re-commissioning
- Two new us reactor site applications approved
- US law firms expanding “nuclear energy divisions” in preparation for (30?) new reactor applications!

## ➤ Globally

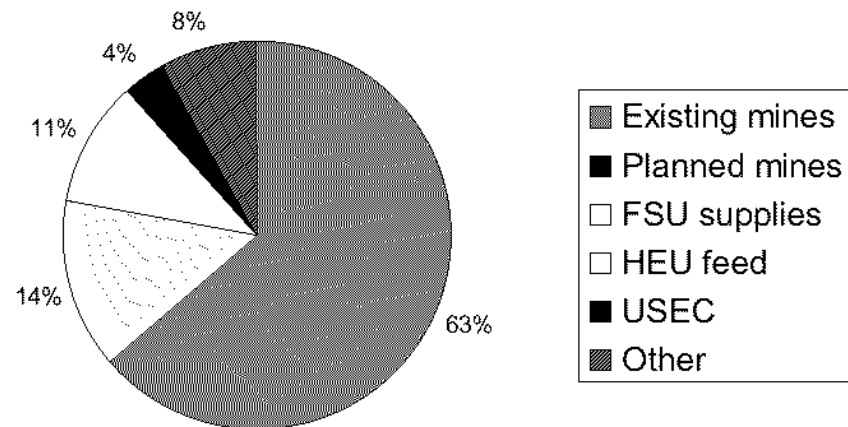
- EU re-evaluating energy policies
- France continuous build
- Reversal of “shutdown” strategies
- Russia, India & China aggressive construction program
- Others are reviewing long term energy strategies

**Global Nuclear Power Reactors  
2007**

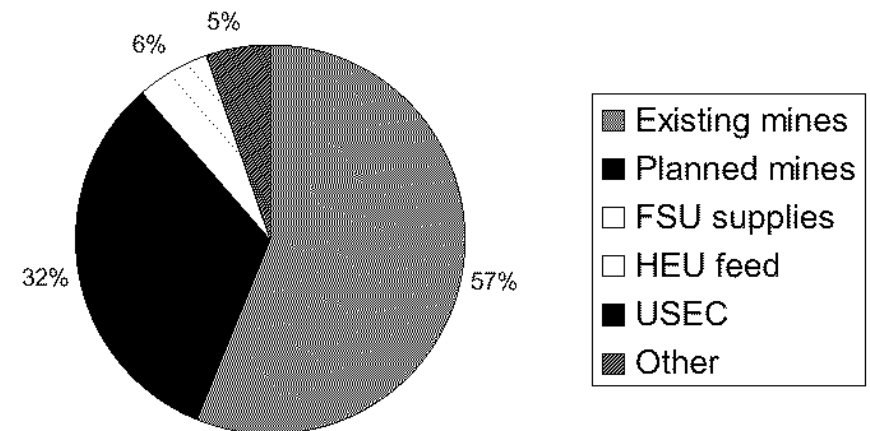


# All Sources of Uranium Supply Current and 2015

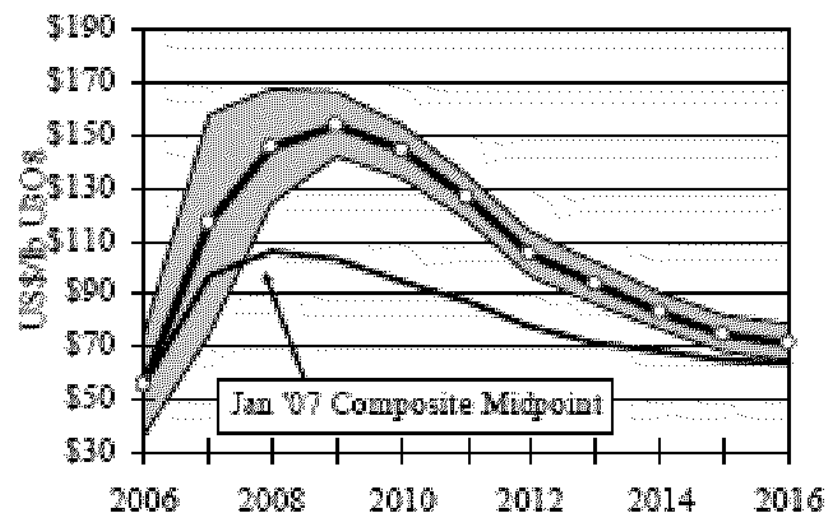
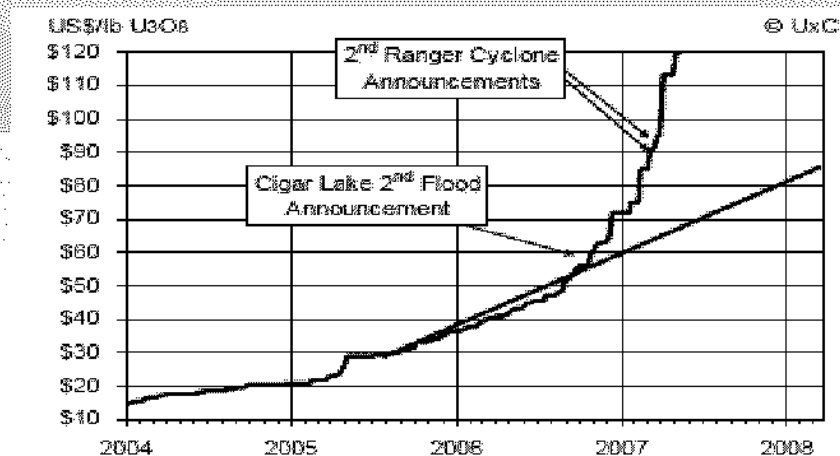
**2006 All sources of Uranium**  
(73,289t U<sub>3</sub>O<sub>8</sub>)



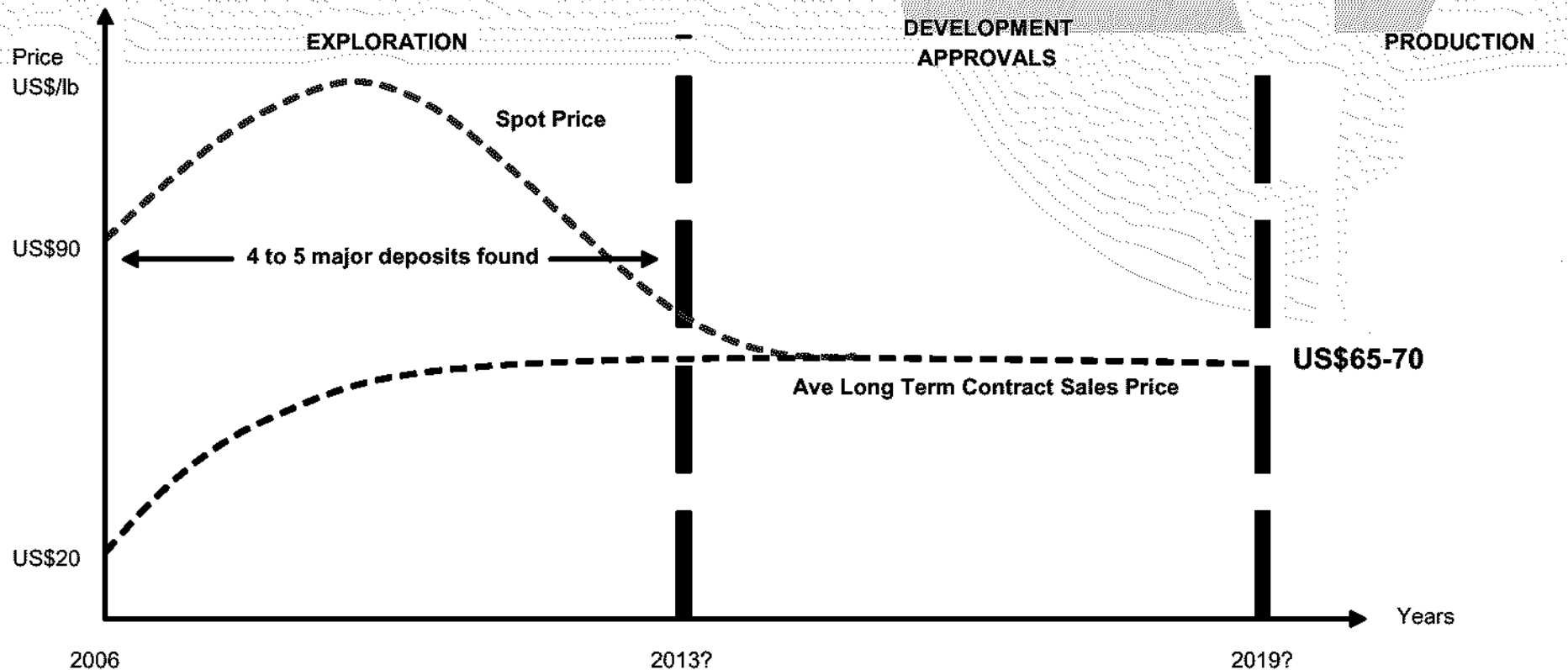
**2015 All sources of Uranium**  
(100,371t U<sub>3</sub>O<sub>8</sub>)



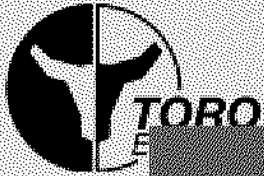
# Uranium Price Paths



# One Theory of Where the Market is Heading



# Exploration



## **Key Exploration Activities**

### **South Australian**

- **Palaeo channel projects**
  - **Warrior**
  - **Ealbera**
  - **Kingoonya, Yaninee**
- **IOCG(U) Project on Mt Woods tenements (Prominent Hill area)**

### **Northern Territory**

- **Napperby resource definition**
- **Building a tenement position in central Australia**

### **Offshore**

- **Moroccan Opportunity**

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## **Exploration in South Australia**

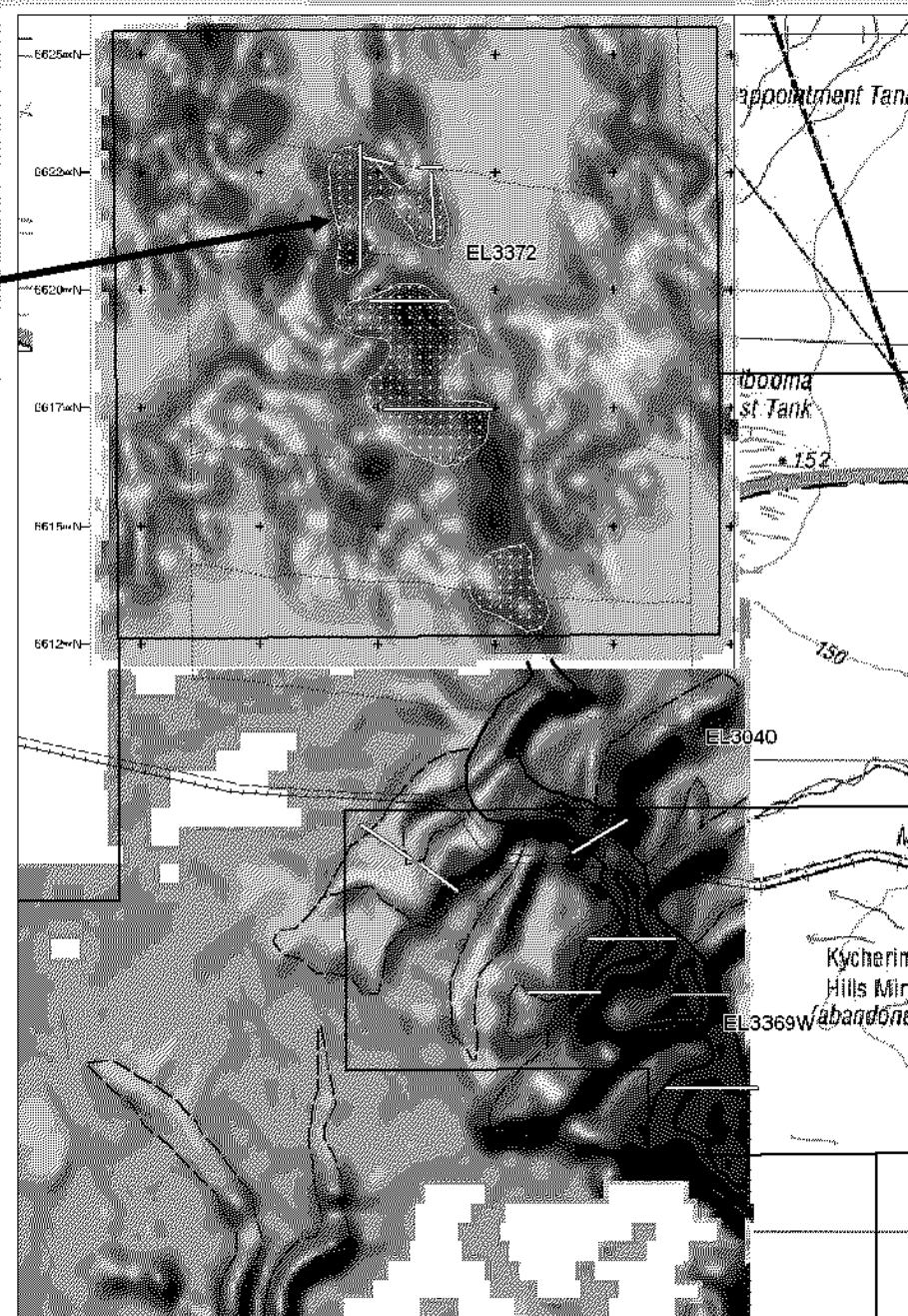
- **Extensive tenement position is in South Australia (current location of operating mines and state gov. pro  $U_3O_8$  stance)**
- **Contains ten historic uranium occurrences or anomalies**
- **Consolidation of Warrior Project and major drilling program completed in May 2007 over historic mineralisation**
- **Major Fugro “Tempest” airborne EM with excellent results**
- **A number of Toro Energy’s exploration programs have been and will be eligible for PACE funding**



# Warrior Project

## Area A

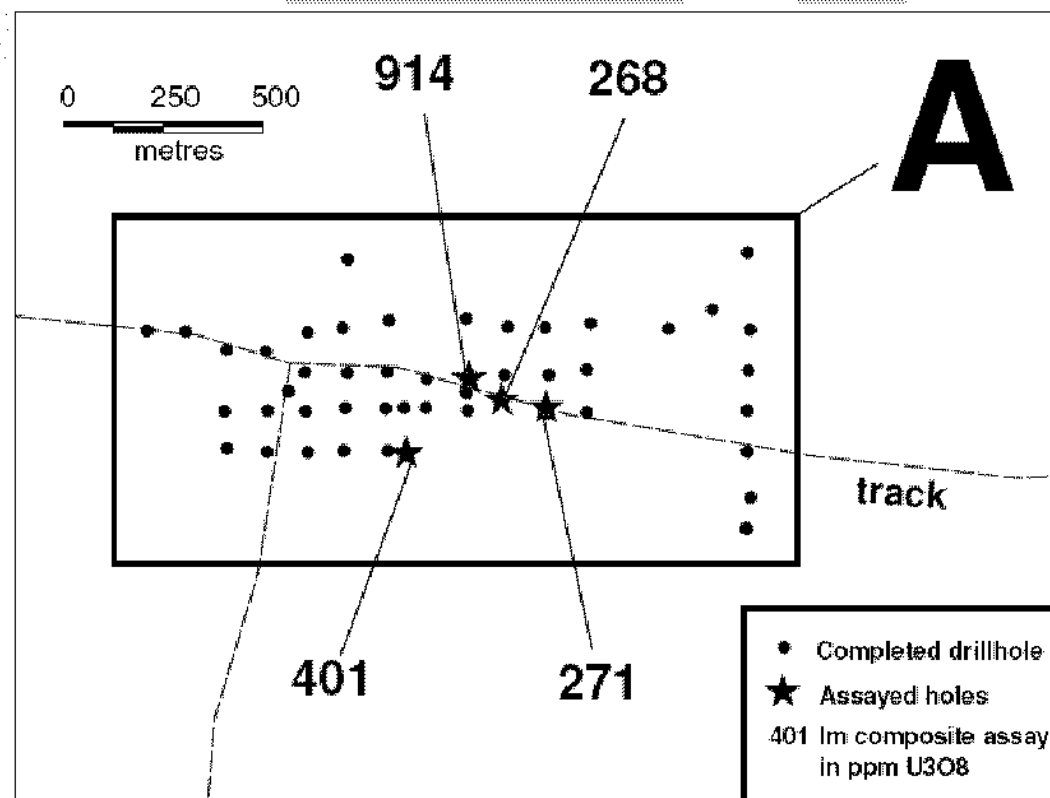
- Assay results received to date range from 135ppm to 914ppm (0.09%)  $U_3O_8$  over 1 m intervals
- Composite assay results over 3 to 5 metres range from 120ppm to 475ppm (0.05%)  $U_3O_8$
- 100m x 100m grid in Area A is returning a mineralised horizon at approximately 30m depth and open to the south and east



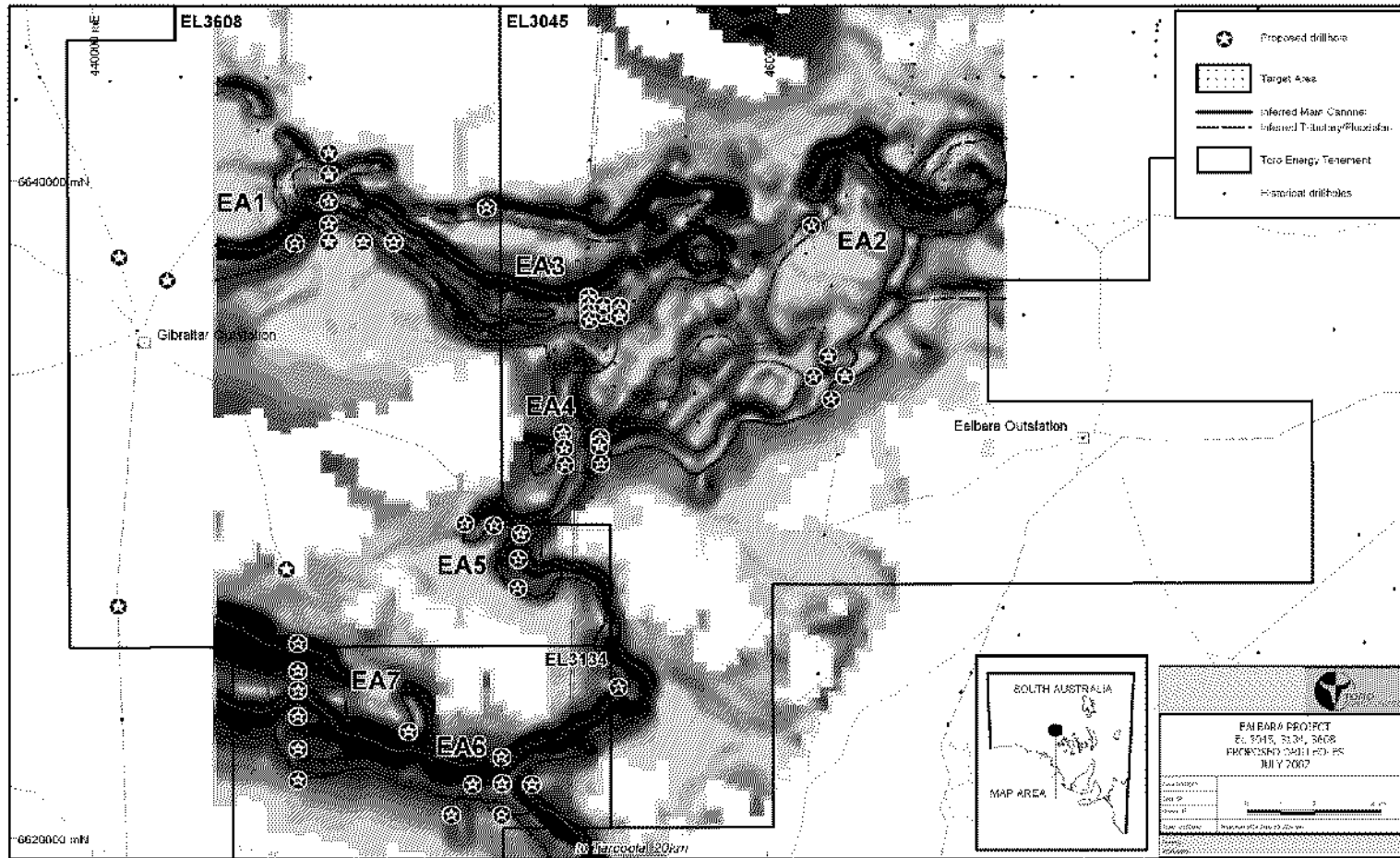
# Warrior Project

## Area A

- Total count gamma logs indicate mineralisation extends 1000m East-West and >200m North-South
- Uranium mineralisation occurs at depth of 26m-30m within carbonaceous sediments associated with interpreted redox zone
- Results are from selection of drill holes, all other results are still pending from surrounding drill holes

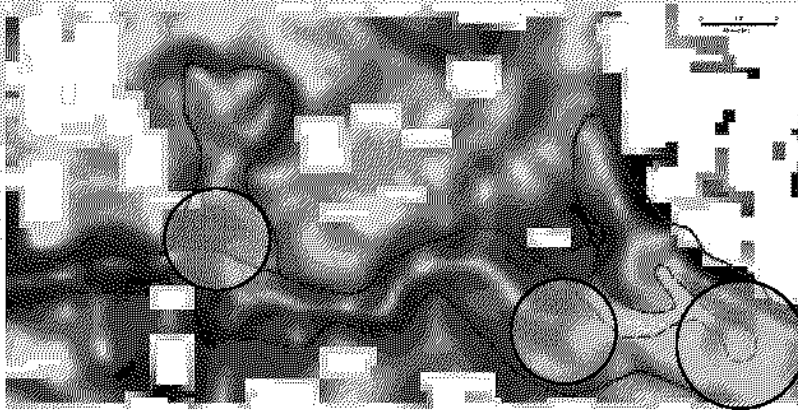


# Ealbara Area

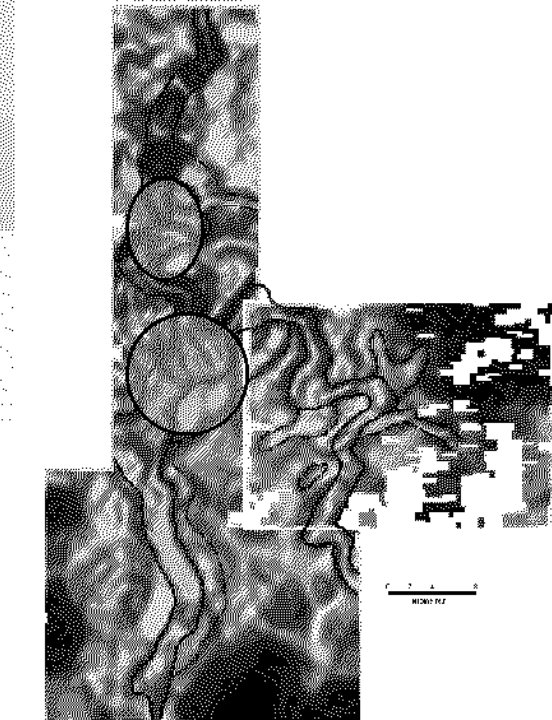




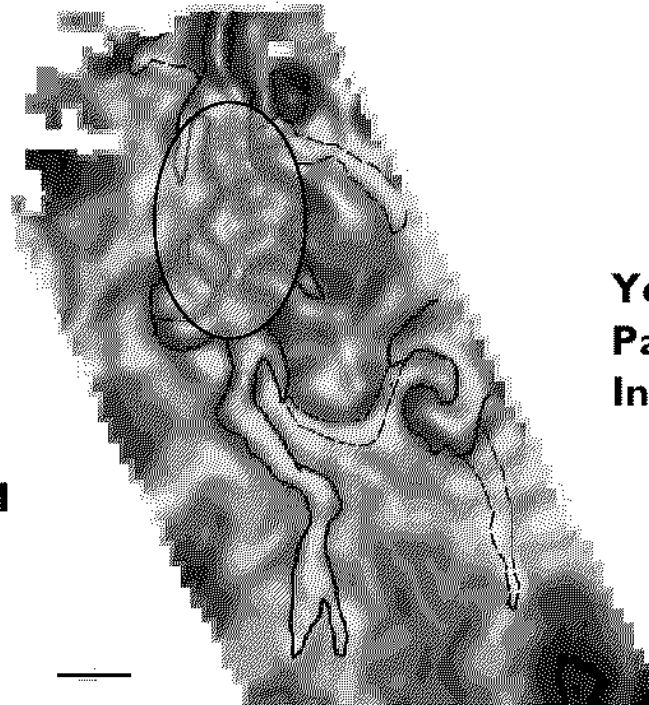
# Fugro “Tempest” Regional Airborne ElectroMagnetic Survey (AEM) – Gawler Craton



**Nuckulla Area AEM  
Palaeochannel Interpretation**



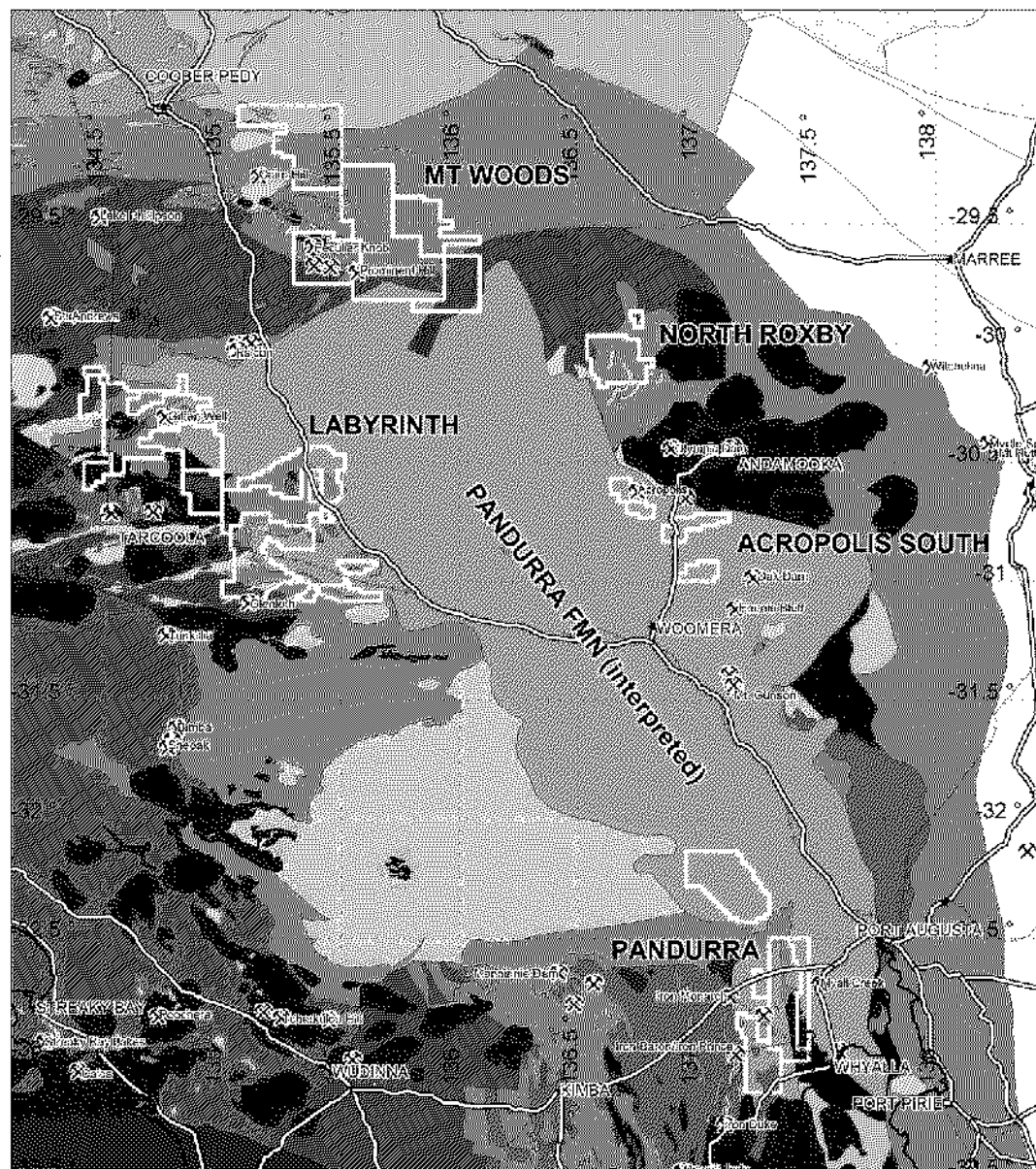
**Yellabinna & Tunkillia AEM  
Palaeochannel  
Interpretation**



**Glenloth Area AEM  
Palaeochannel  
Interpretation**

## **Basement/Unconformity Projects**

- Data review, including historic mapping, drilling & geophysics
- Develop deposit & exploration models
- Working with Oxiana Prominent Hill and exploration geologists
- Radiometric logging of historical holes complete – some significant results
- Toro linking into Oxiana's IOCG exploration program within Mt Woods tenements in coming quarter



**Toro Energy  
"Basement/Unconformity"  
projects**

**Geology legend**

-  Pandurra Formation
-  Hiltaba Suite
-  Gawler Range Volcanics (upper)
-  Gawler Range Volcanics (lower)
-  Gawler Range Volcanics
-  Corunna Conglomerate, Blue Range Beds
-  unnamed; formerly Lincoln Complex
-  Hutchison Group
-  Mount Woods Complex
-  Donington Suite
-  Mulgathing Complex
-  Myola Volcanics, Broadview Suite



## Morocco

- MoU signed with Moroccan Government, Office National des Hydrocarbures et des Mines (ONHYM)
- 3 regional areas
  - Haute Moulouya-Ment
  - Wafaga
  - Sirwa (Zgounder)
- Historical mineralisation defined by French and Russian interests
- 6 month exclusivity period for assessment
- Access to ONHYM data and geologists
- Initial field trip complete – update to be released

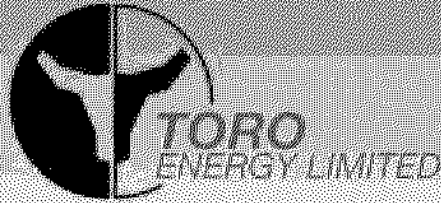




## Exploration Summary

- Toro Energy's extensive tenement position is in one of the most uranium prospective areas of Australia and contains ten historic uranium occurrences or anomalies
- Is responsive to modern remote sensing techniques
- Experienced exploration team established
- Piggyback on Oxiana and Minotaur IOCG exploration
- Morocco presents Toro with a unique "first mover" advantage opportunity in a country with historically defined uranium mineralisation and mining

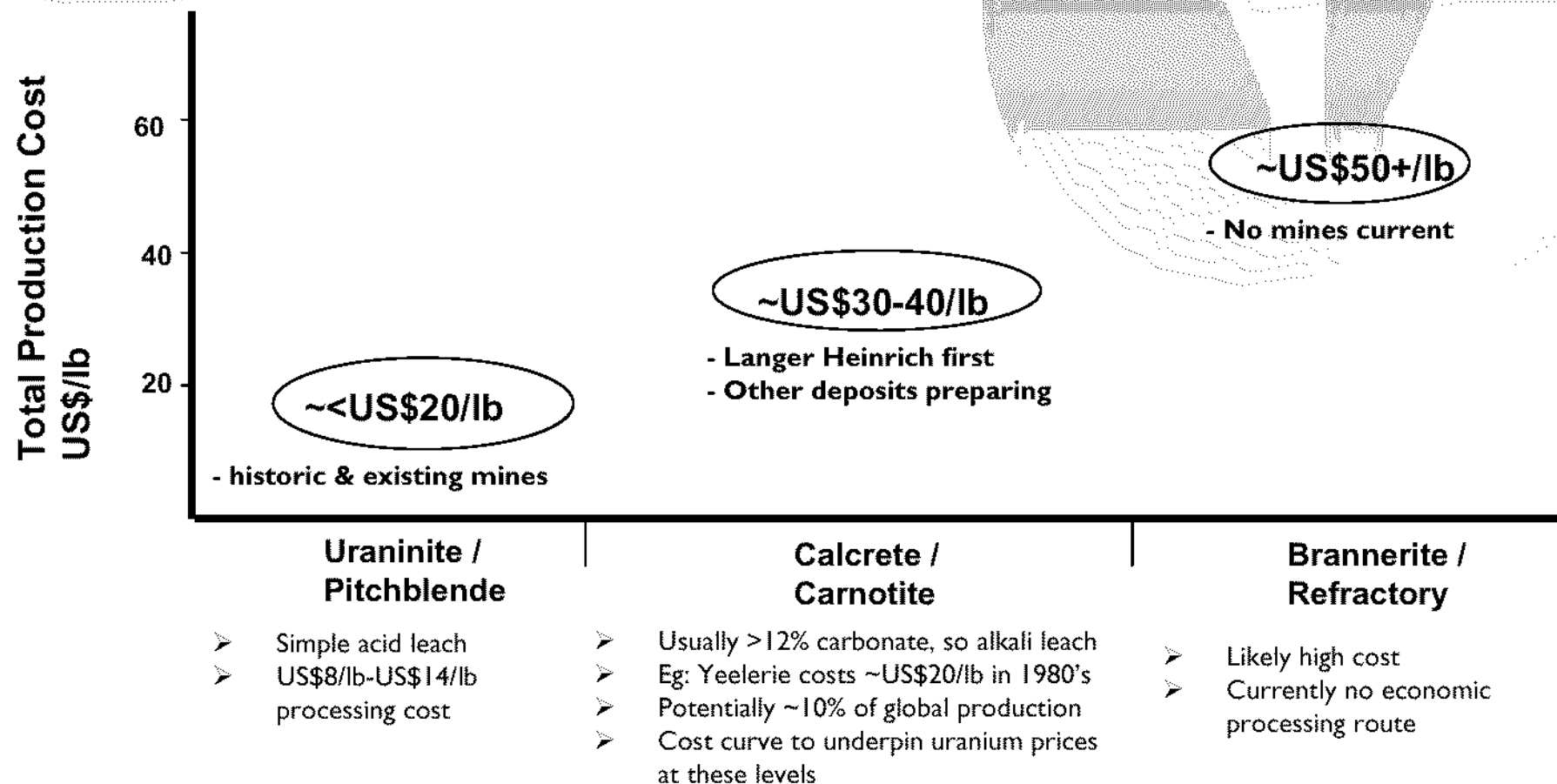
# Business Development



## Business Development

- Toro strategy will explore for or acquire developable deposits
- Establish pipeline of projects leading to mine development
- Resources & potential resources preferred – plus greenfields exploration with right settings
- Australian focus initially
- Within Australia – varying deposit types and varying politics – creates opportunities
- Overseas projects being reviewed – but are tightly held
- Discussions with nuclear utility buyers favour 1<sup>st</sup> tier country production for LT contracts – Canada, Australia, USA plus Namibia historical
- Other countries may be attractive – strategic review to be undertaken this year

## Uranium Deposit Types vs Estimated Total Cost of Production



# Business Development

Toro Energy evaluate opportunities on a fully diluted \$value/share basis. The opportunity must be demonstrably value accretive.

Probability weighted NPV and fully diluted value per share.

In addition to NPV, evaluation procedure covers:

- Resource potential
- Mineralisation type
- Mining & processing
- Environmental
- Political
- Community

|                                             |          |          |          |               |                                           |      |  |  |
|---------------------------------------------|----------|----------|----------|---------------|-------------------------------------------|------|--|--|
| Project Purchase Cost                       |          |          |          | Low           | Base                                      | High |  |  |
| Cash Paid, A\$m                             |          |          |          |               |                                           |      |  |  |
| <b>Project Parameters</b>                   |          |          |          |               |                                           |      |  |  |
| Resource Grade                              | Low      | Base     | High     | Trend         | Base                                      |      |  |  |
| Contained U3O8                              | 5,000    | 7,500    | 10,000   |               |                                           |      |  |  |
| Probability                                 | 10%      | 80%      | 90%      | Neutral       | Drilling is likely to extend the resource |      |  |  |
| Calculated NPV                              | \$136.16 | \$197.26 | \$266.15 |               |                                           |      |  |  |
| Probability Adjusted Resource               |          |          |          | 0.730         | U3O8                                      |      |  |  |
| Probability Adjusted NPV                    |          |          |          | \$190.9       |                                           |      |  |  |
| Parameter Weighting                         |          |          |          | 20%           |                                           |      |  |  |
| Resource Grade                              | Low      | Base     | High     | Trend         | Base                                      |      |  |  |
| Contained U3O8                              | 0.198%   | 0.199%   | 0.200%   |               |                                           |      |  |  |
| Probability                                 | 20%      | 80%      | 20%      | Neutral       | There is potential to go either way       |      |  |  |
| Calculated NPV                              | \$135.34 | \$197.26 | \$266.15 |               |                                           |      |  |  |
| Probability Adjusted Resource               |          |          |          | 0.155%        | U3O8                                      |      |  |  |
| Probability Adjusted NPV                    |          |          |          | \$192.7       |                                           |      |  |  |
| Parameter Weighting                         |          |          |          | 20%           |                                           |      |  |  |
| U3O8 USD Price                              | Low      | Base     | High     | Trend         | Base                                      |      |  |  |
| Input, US\$/lb                              | 40.00    | 50.00    | 60.00    |               |                                           |      |  |  |
| Probability                                 | 10%      | 80%      | 20%      | Increasing    | Supply/demand balance, current trend      |      |  |  |
| Calculated NPV                              | \$46.54  | \$197.26 | \$359.50 |               |                                           |      |  |  |
| Probability Adjusted Price                  |          |          |          | \$54.00       | US\$/lb                                   |      |  |  |
| Probability Adjusted NPV                    |          |          |          | \$276.7       |                                           |      |  |  |
| Parameter Weighting                         |          |          |          | 20%           |                                           |      |  |  |
| Operating Costs                             | Low      | Base     | High     | Trend         | Base                                      |      |  |  |
| Input, A\$/lb                               | 30.00    | 25.00    | 20.00    |               |                                           |      |  |  |
| Probability                                 | 50%      | 80%      | 10%      | Increasing    | Current industry trend                    |      |  |  |
| Calculated NPV                              | \$150.18 | \$197.26 | \$215.54 |               | Inflationary Pressure                     |      |  |  |
| Probability Adjusted Opex                   |          |          |          | 25            | A\$/lb                                    |      |  |  |
| Probability Adjusted NPV                    |          |          |          | \$181.5       |                                           |      |  |  |
| Parameter Weighting                         |          |          |          | 20%           |                                           |      |  |  |
| Yield, Capital Costs                        | Low      | Base     | High     | Trend         | Base                                      |      |  |  |
| Input, A\$m                                 | 200.00   | 150.00   | 100.00   |               |                                           |      |  |  |
| Probability                                 | 50%      | 80%      | 10%      | Increasing    | Current industry trend                    |      |  |  |
| Calculated NPV                              | \$129.93 | \$197.26 | \$215.53 |               | Inflationary Pressure                     |      |  |  |
| Probability Adjusted Capex                  |          |          |          | 160           | A\$m                                      |      |  |  |
| Probability Adjusted NPV                    |          |          |          | \$181.5       |                                           |      |  |  |
| Parameter Weighting                         |          |          |          | 20%           |                                           |      |  |  |
| <b>Expected Value, A\$m</b>                 |          |          |          |               |                                           |      |  |  |
|                                             |          |          |          | \$193         |                                           |      |  |  |
| Cash/ (Debt), A\$m                          |          |          |          | 40            |                                           |      |  |  |
| Value of Exploration Assets                 |          |          |          | 0             |                                           |      |  |  |
| <b>Equity Value, A\$m</b>                   |          |          |          | <b>\$193</b>  |                                           |      |  |  |
| Number of Shares on Issue, m                |          |          |          | 144           |                                           |      |  |  |
| <b>Value/ Share undiluted</b>               |          |          |          | <b>\$1.34</b> |                                           |      |  |  |
| Discount                                    |          |          |          | 0%            |                                           |      |  |  |
| <b>Discount Value/Share undiluted</b>       |          |          |          | <b>\$1.34</b> |                                           |      |  |  |
| <b>Equity Requirements</b>                  |          |          |          |               |                                           |      |  |  |
| Capex to be funded, A\$m                    |          |          |          | 160           |                                           |      |  |  |
| Gearing, %                                  |          |          |          | 50%           |                                           |      |  |  |
| Equity Funded Component, A\$m               |          |          |          | 80            |                                           |      |  |  |
| Value/ Share equity raising, A\$/share      |          |          |          | 0.85          |                                           |      |  |  |
| Number of Shares Issued, m                  |          |          |          | 123           |                                           |      |  |  |
| <b>Total Shares on Issue 1 term, m</b>      |          |          |          | <b>267</b>    |                                           |      |  |  |
| <b>Fully Diluted Value Accretion/ Share</b> |          |          |          | <b>\$0.74</b> |                                           |      |  |  |

31

Numbers are illustrative only.



# Business Development

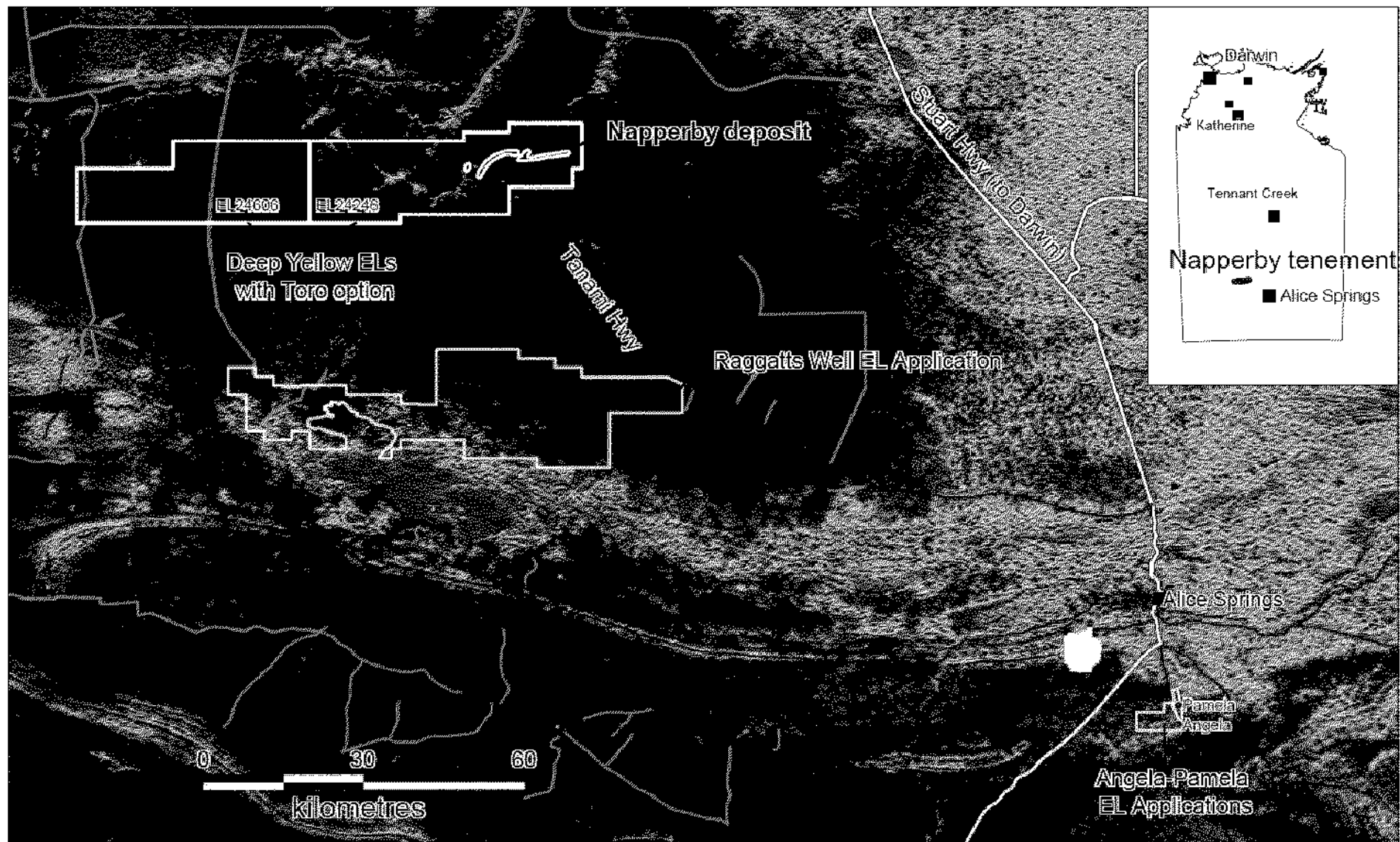
## Since listing Toro has:

- Reviewed several targeted and opportunistic projects and submitted proposals on several
- Signed a letter of intent with Deep Yellow with respect to the Napperby project in the Northern Territory
- Applied for the Angela/ Pamela (historic 12,000t  $U_3O_8$  defined) and Raggatts Well EL's in the Northern Territory
- Signed an MoU with the Morocco Government regarding exclusive access to delineate exploration targets – Initial field visit complete
- Several “Irons in the Fire” with the intent of building the project pipeline which should unfold in next 3-6 months.



# Business Development: Napperby

Location of Napperby (New Well) deposit on regional radiometrics U channel





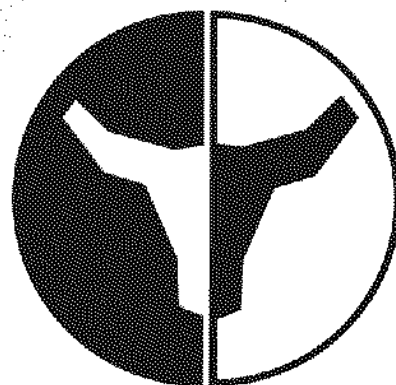
# Business Development: Napperby

## Deal Terms

| Deal Element              | Agreement or Offer to DYL                                                                                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Option Period             | 3 years                                                                                                                                                                 |
| Upfront Payment           | \$2.3m paid with Toro scrip valued on 5 day VWAP                                                                                                                        |
| Minimum Spend             | \$0.75m per annum (\$2.25m total)                                                                                                                                       |
| Acquisition Cost          | Between A\$6.00/lb (max) and A\$4.50/lb (min) reference rate.                                                                                                           |
| Reference Rate            | The reference rate is based on 8% of USD spot averaged over previous 9 weeks (2 months).                                                                                |
| Agreed Resource           | Prior to JORC redefinition, 13.2mlb (6000t).<br><br>Otherwise the resource will be a recalculation of the Uranerz defined mineralisation to JORC status.                |
| Royalties                 | Paladin 2% gross royalty assumed by Toro.<br><br>DYL 3% gross royalty on production above 13.2mlb if spot price on sale is +15% on 9 week spot average on acquisition.  |
| Cash/ Scrip Consideration | At Toro's election Cash and/or shares but shares not to exceed 19.9% of Toro issued capital and not trigger ASX escrow arrangements. Shares valued on 5 day VWAP basis. |

## **SUMMARY**

- **Planned exploration on Warrior, Ealbara, Yaninee Projects, Regional and unconformity models**
- **Virtually continuous exploration from early 2007 with drill rig locked in and available**
- **Napperby project to be advanced through intense drilling and evaluation campaign**
- **Morocco presents an exciting “first mover” opportunity**
- **A number of opportunities for advanced exploration or resource ready projects being evaluated**



**TORO ENERGY LIMITED**

**ASX CODE : 'TOE'**

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