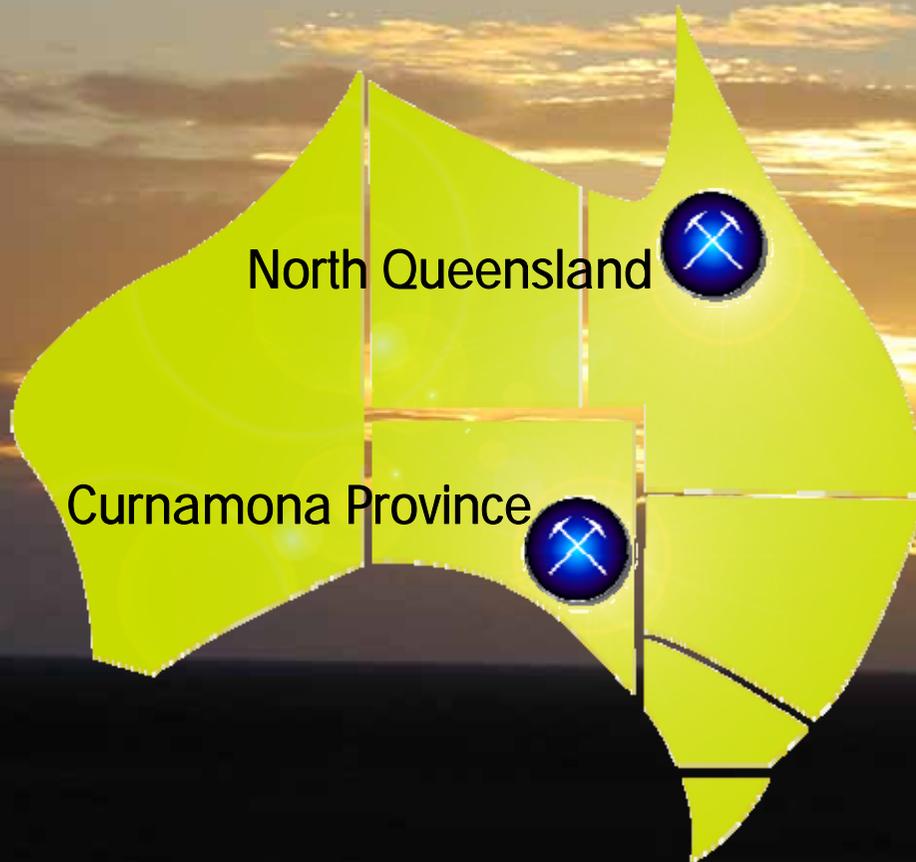


Pepini Minerals Limited

Australian Uranium Projects

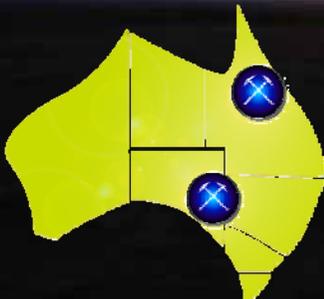


July
2007

Share Capital Details

(10 July, 2007)

- Listed on ASX April 2005 - Code PNN
- 63,882,499 shares on issue
- 5,325,000 unlisted 20¢ options
- Currently 2,000 shareholders
- 63% of issued capital held by top 20 shareholders
- Currently capitalised at A\$105 million
- Current cash = AUS\$33.5 million



PepiniMini



Peripindini Minerals Limited



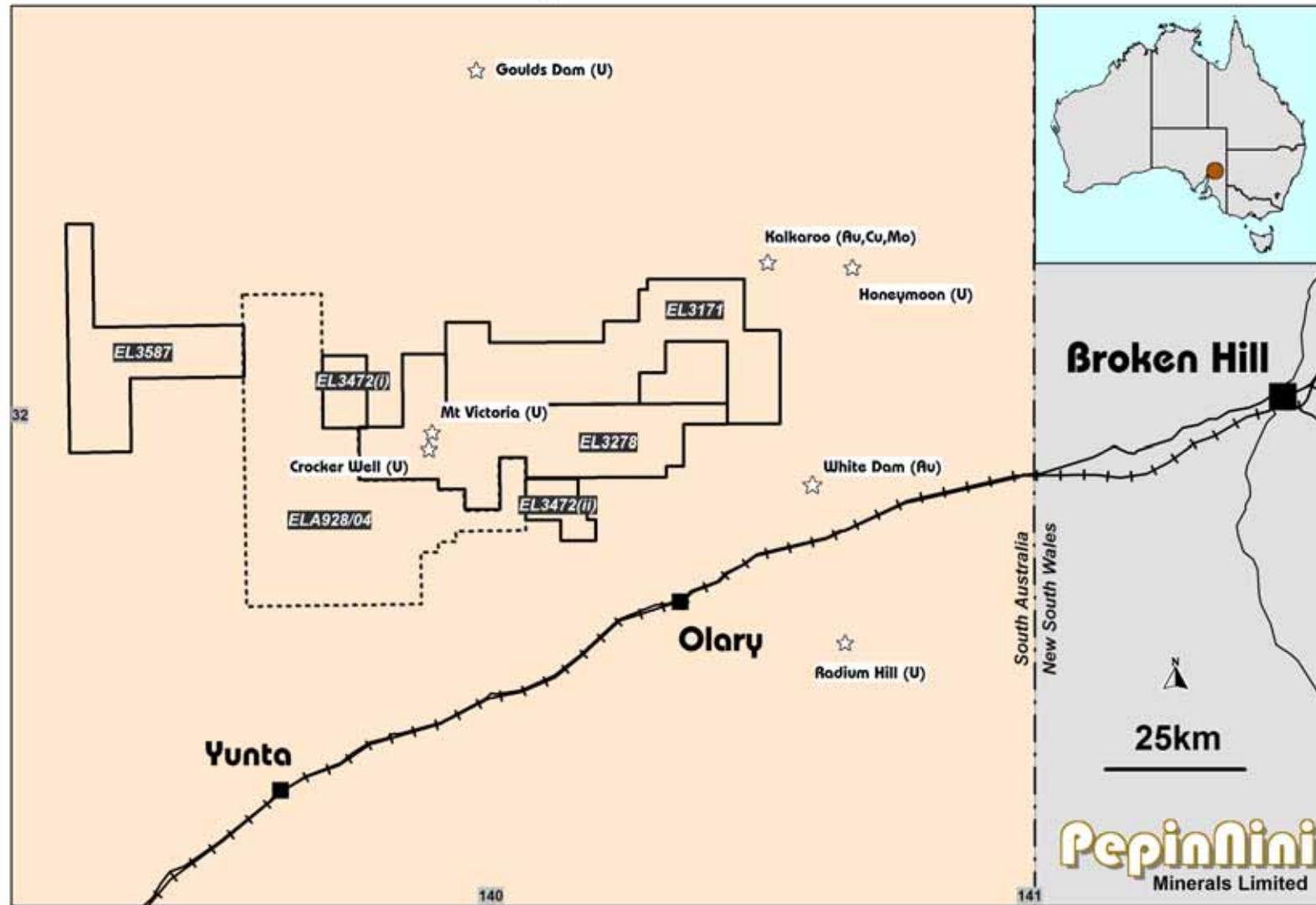
Strategic alliance with
Sinosteel Corporation to
jointly develop the
Crocker Well Uranium
Project

Peppinini Minerals Limited



A\$11 million budget over 2 years to explore and develop uranium prospects and investigate the non uranium potential of the tenements

Curnamona Project - Tenement Location Plan

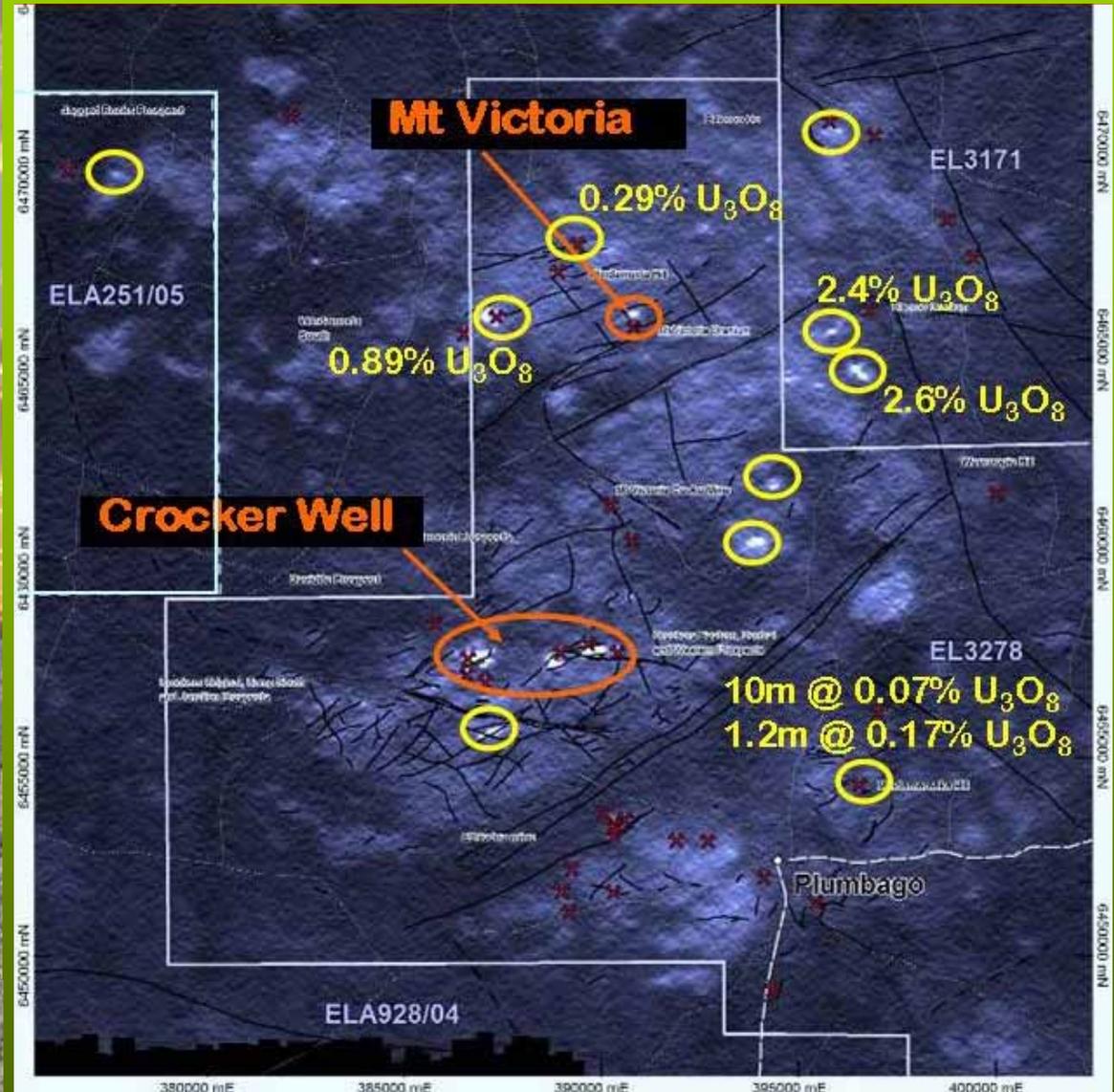


An Advanced Uranium Project covering 3,778sq kms under 4 granted exploration licences and 1 exploration licence application

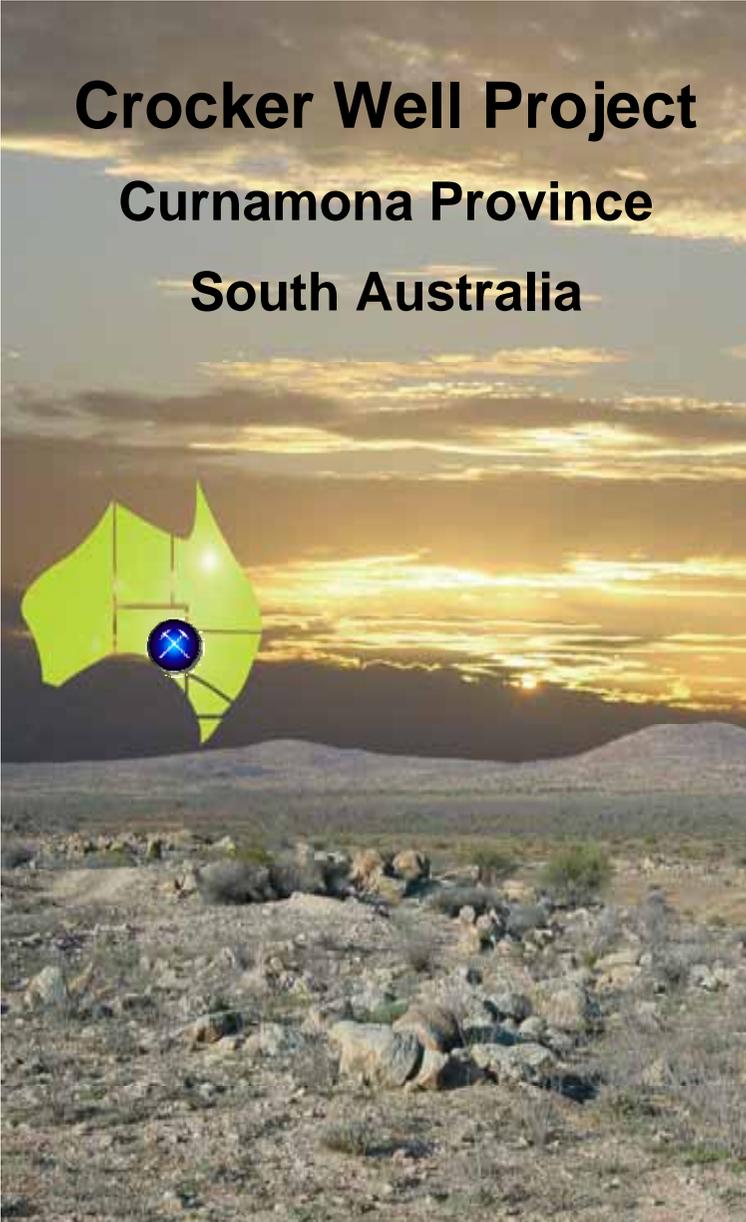
Crocker Well Project

Curnamona Province

South Australia



Ten Prospects identified in the vicinity of Crocker Well and Mt Victoria. High grade surface samples ($> 2\% U_3O_8$) from newly discovered Becaroo and Anomaly A Prospects



Crocker Well Project
Curnamona Province
South Australia

- **Inferred JORC Compliant Resource of 19,800,000 lbs of U_3O_8 using a cut-off grade of 250ppm. (14,850,000 lbs using a cut-off grade of 300ppm)**
- **Scoping study completed for the development of a 5.7Mt/annum mine producing 585t/annum U_3O_8 based on the currently defined resource**
- **At surface and amenable to opencut mining. Estimated mining costs are A\$2.50/tonne (A\$11.05/lb)**

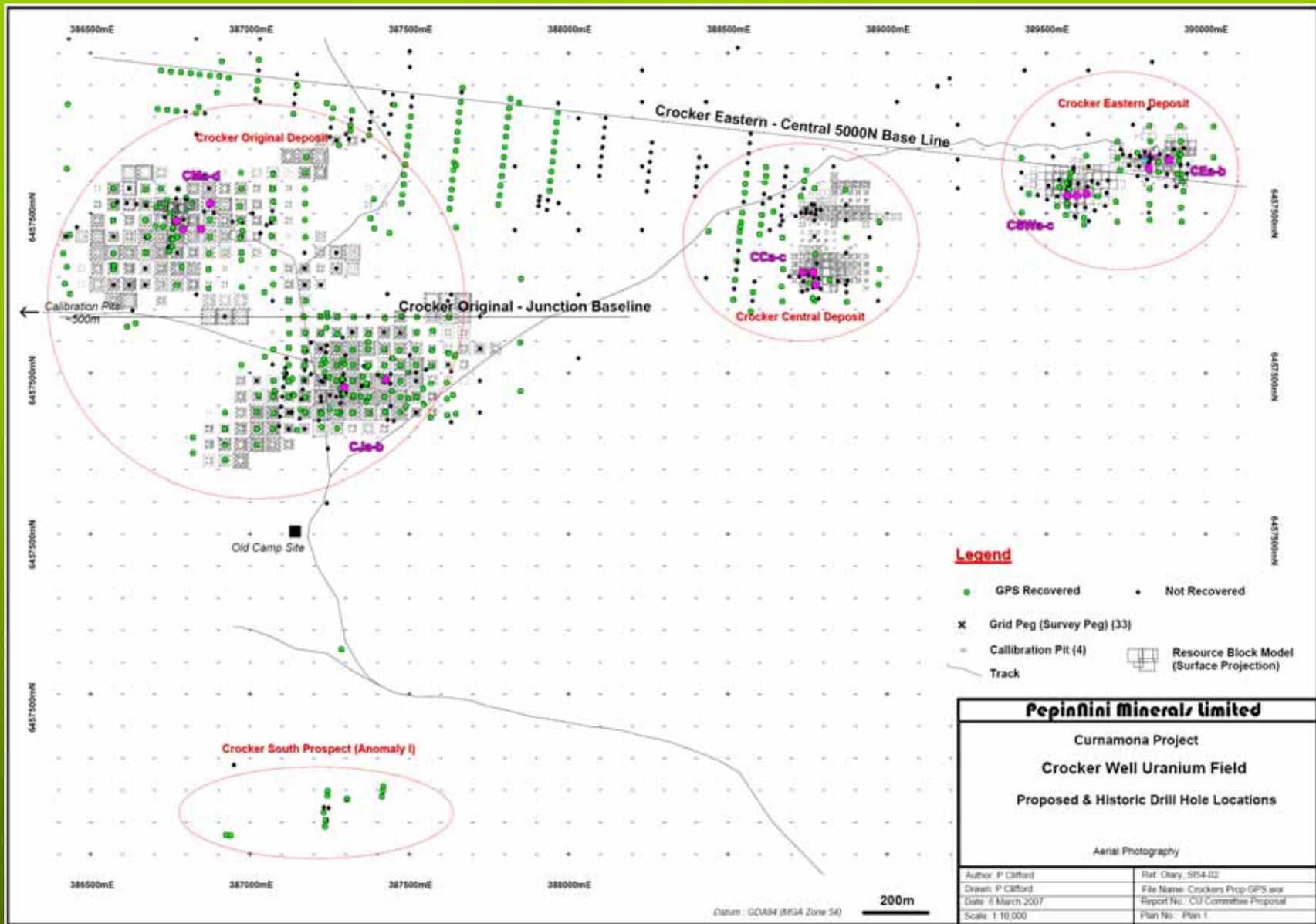
JORC compliant resource of 19,800,000 lbs of U_3O_8 with a current inground value of A\$3 billion. Potential to be in production within 3 years with an annual cash flow of A\$275 million

Crocker Well Project
Curnamona Province
South Australia



- Estimated processing costs are A\$12.93/tonne (A\$18.47/lb U₃O₈)
- At the current U₃O₈ price of A\$153.00/lb and an estimated mining and processing cost of A\$29.52/lb the currently defined resource has the potential to generate a cash flow of A\$160 million per year based on producing 585t/annum (A\$275 million per year based on producing 1,000t/annum)
- Capital costs to establish the processing plant, mining contractor, waste disposal, water supply and rehabilitation estimated at A\$160 million

JORC compliant resource of 19,800,000 lbs of U₃O₈ with a current inground value of A\$3 billion. Potential to be in production within 3 years with an annual cash flow of A\$275 million



Crocker Well GPS Grid – approximately 900 historic boreholes, 9 shafts

PepinNini



Geophysical calibration pits reinstated



Historic cores have been well preserved at PIRSA core library



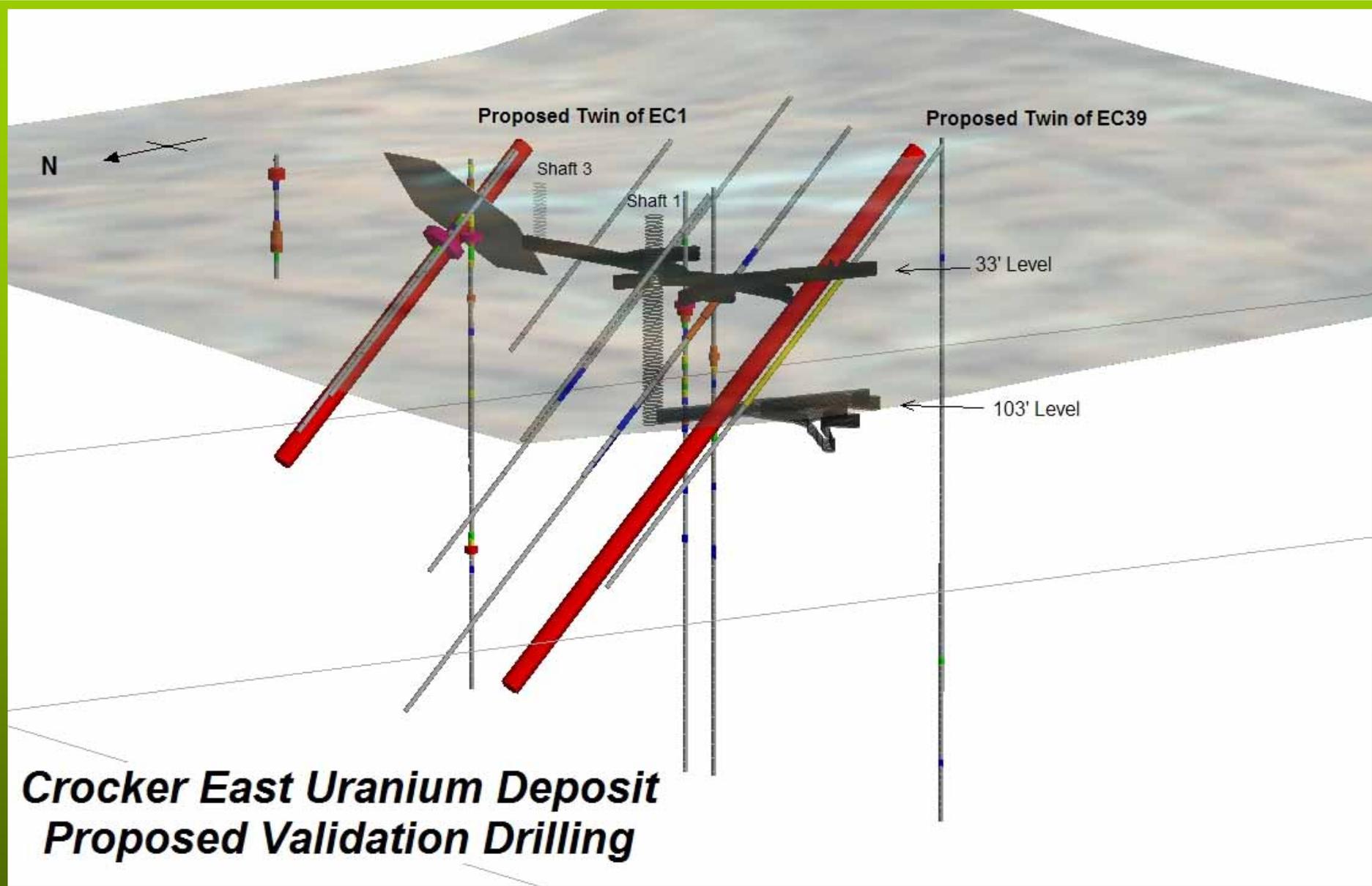
Historic cores have been well preserved at PIRSA core library



Historic cores have been well preserved at PIRSA core library



Mullock heaps beside old shafts contain 100 tonnes of ore grade material – readily available bulk sample for metallurgical testing



Resource validation drilling is in preparation



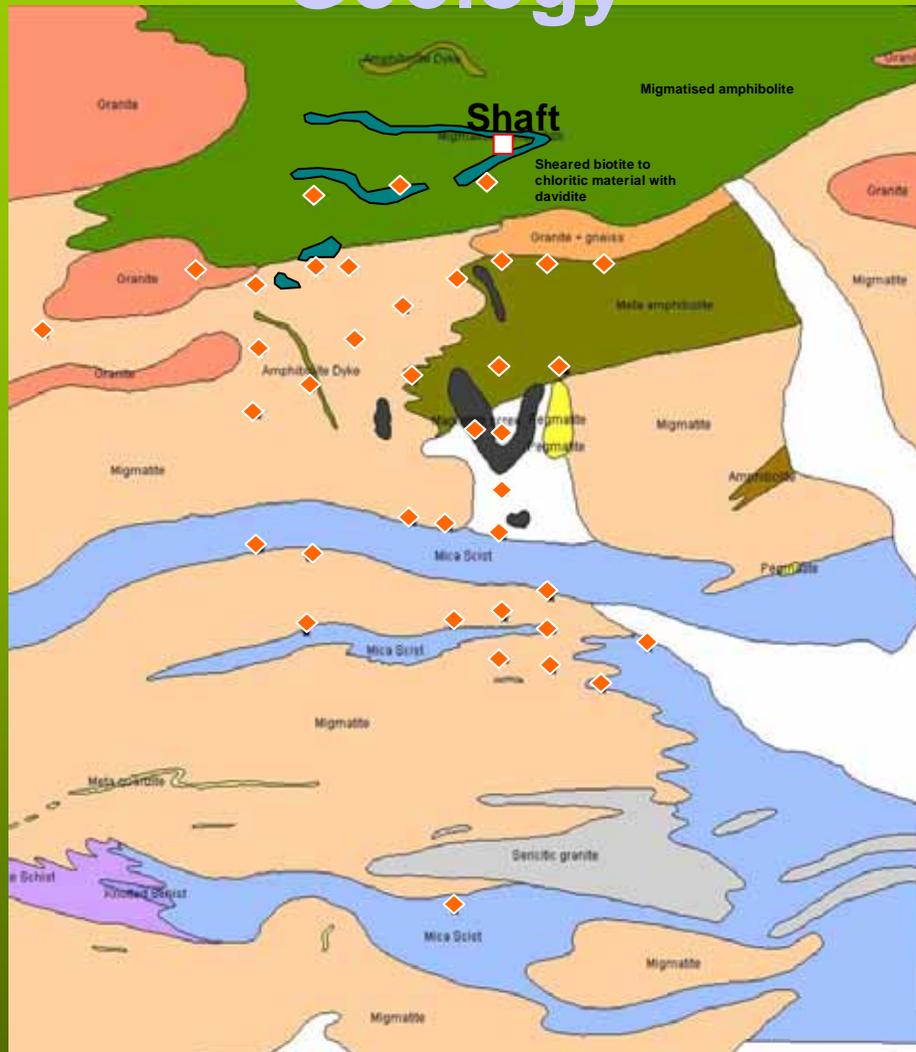
Drilling at Crocker Well – June, 2007

Uranium mineralisation from
10m to 99.2m with an average
grade of 0.05% (eU₃O₈)

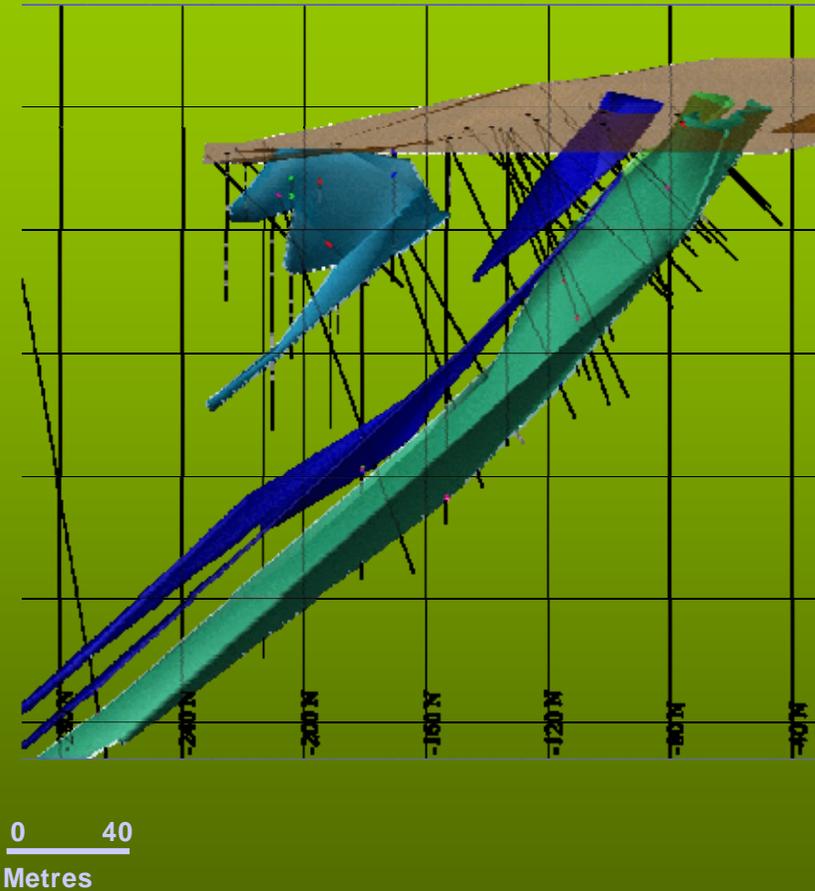


Drilling at Crocker Well – June, 2007

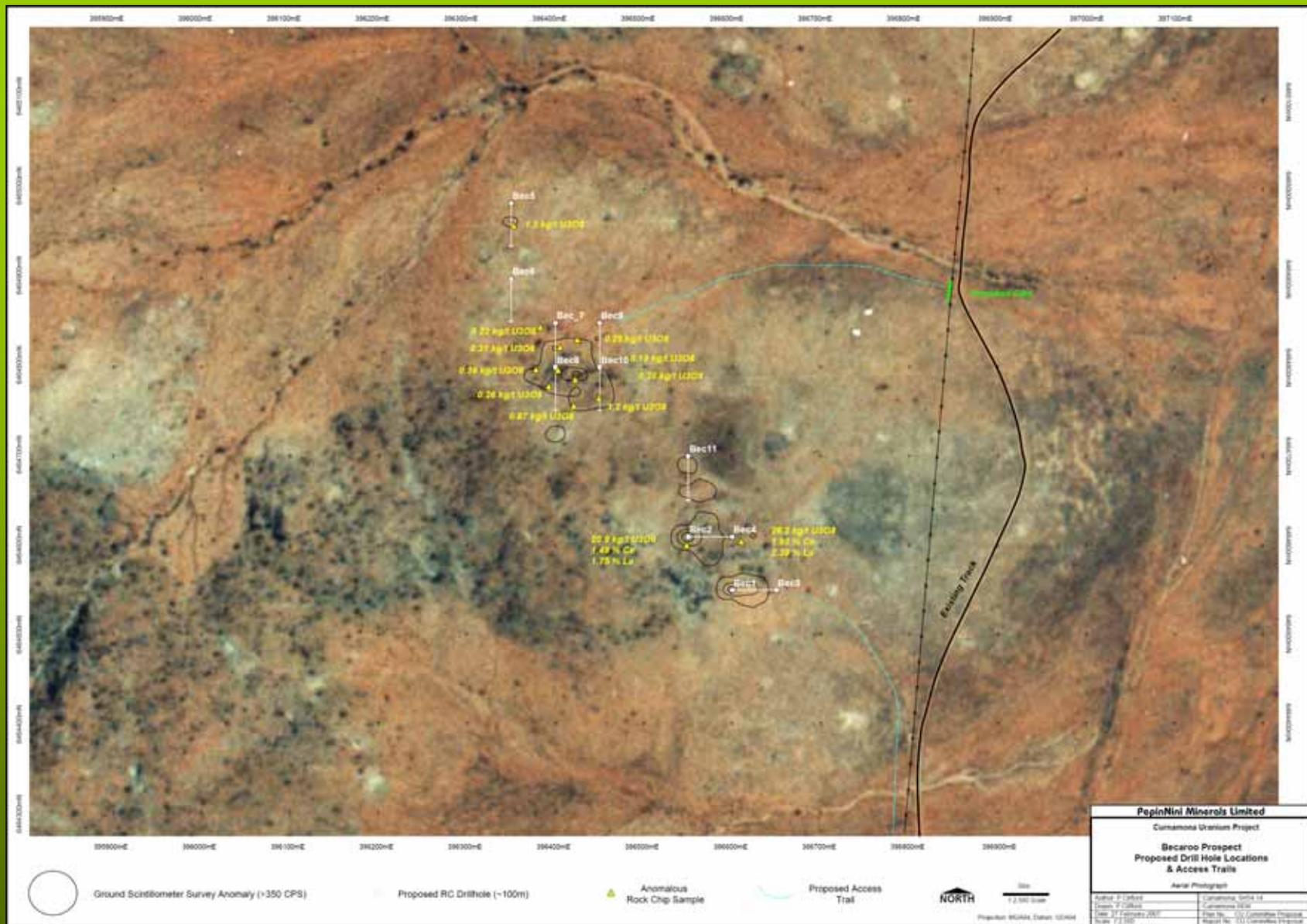
Geology



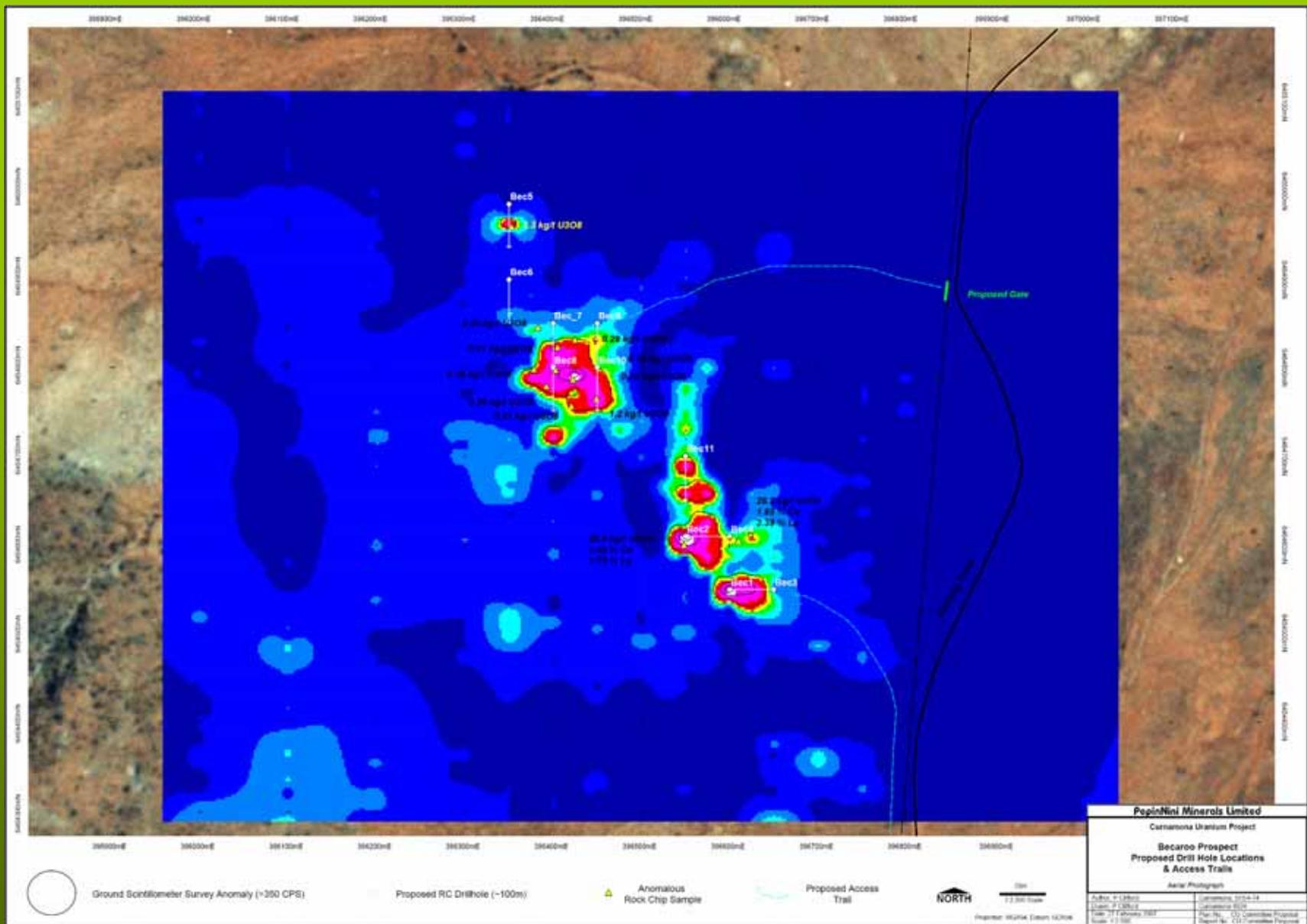
Mt Victoria Deposit



Drilling program is also designed to validate Mt Victoria Resource



Drilling program will investigate potential additional Resources



Drilling program will investigate potential additional Resources



Summary

Uranium Project – South Australia

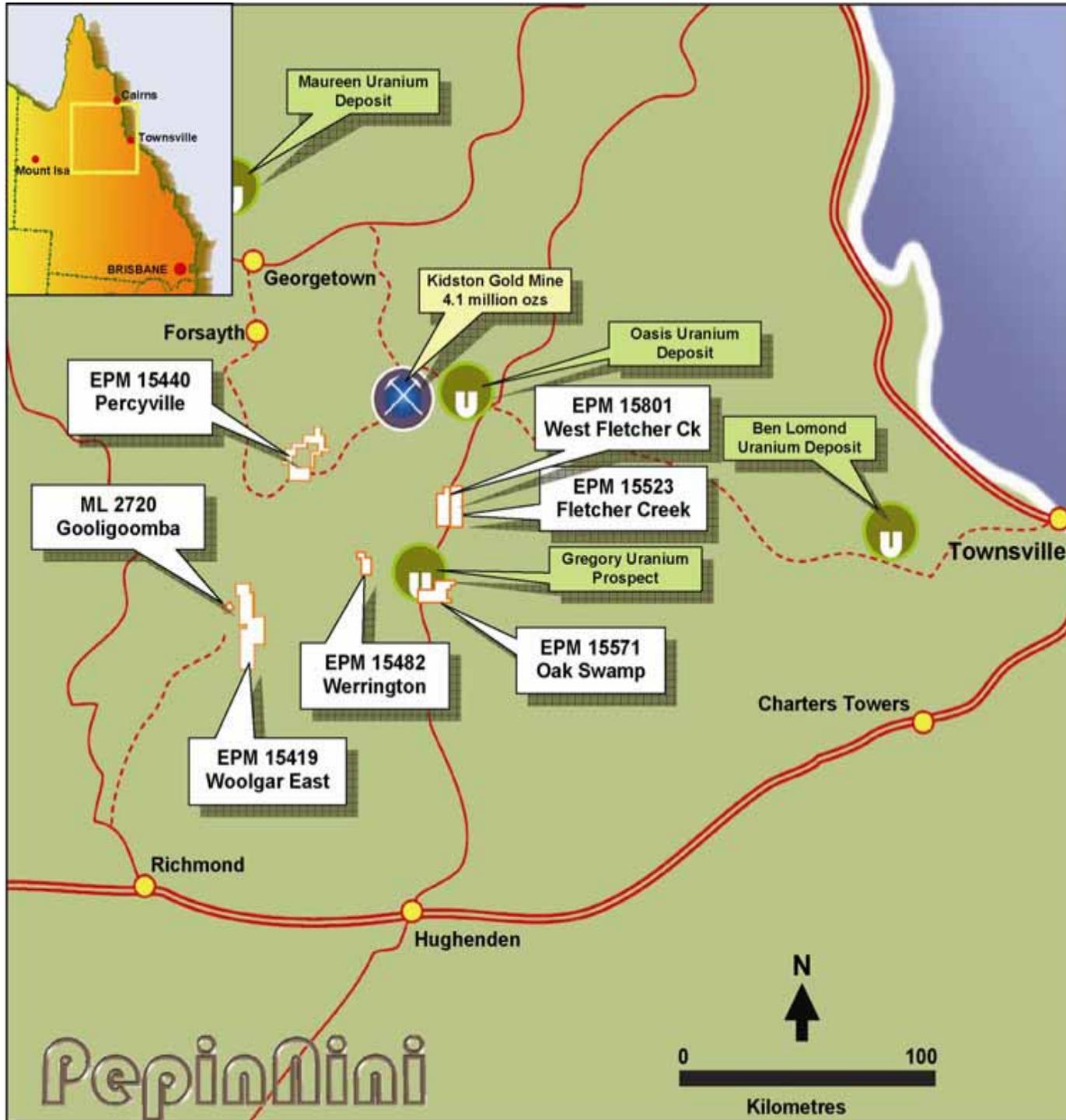
- An advanced exploration project with a defined resource of U_3O_8 ready to develop
- 19.8 million lbs of U_3O_8 JORC compliant resource at Crocker Well and Mt Victoria
- 26 additional known uranium prospects to be investigated. 10 surface outcrops ready to drill
- Very high grade surface samples (up to 26kgs/tonne U_3O_8) from newly discovered Becaroo and Anomaly A Prospects
- Potential for Palaeochannel Uranium Deposits
- Potential for unconformity related Uranium Deposits on the Willyama Fm/Adelaidean contact



Summary

Uranium Project – South Australia

- Has the potential to generate a cash flow of A\$160 million per year based on producing 585t/annum (A\$275 million per year based on producing 1,000t/annum)
- Cash flow for PepinNini of A\$64 million per year based on producing 585t/annum (A\$110 million per year based on producing 1,000t/annum)
- Capital costs to establish the processing plant, mining contractor, waste disposal, water supply and rehabilitation estimated at A\$160 million (PepinNini share A\$64 million)



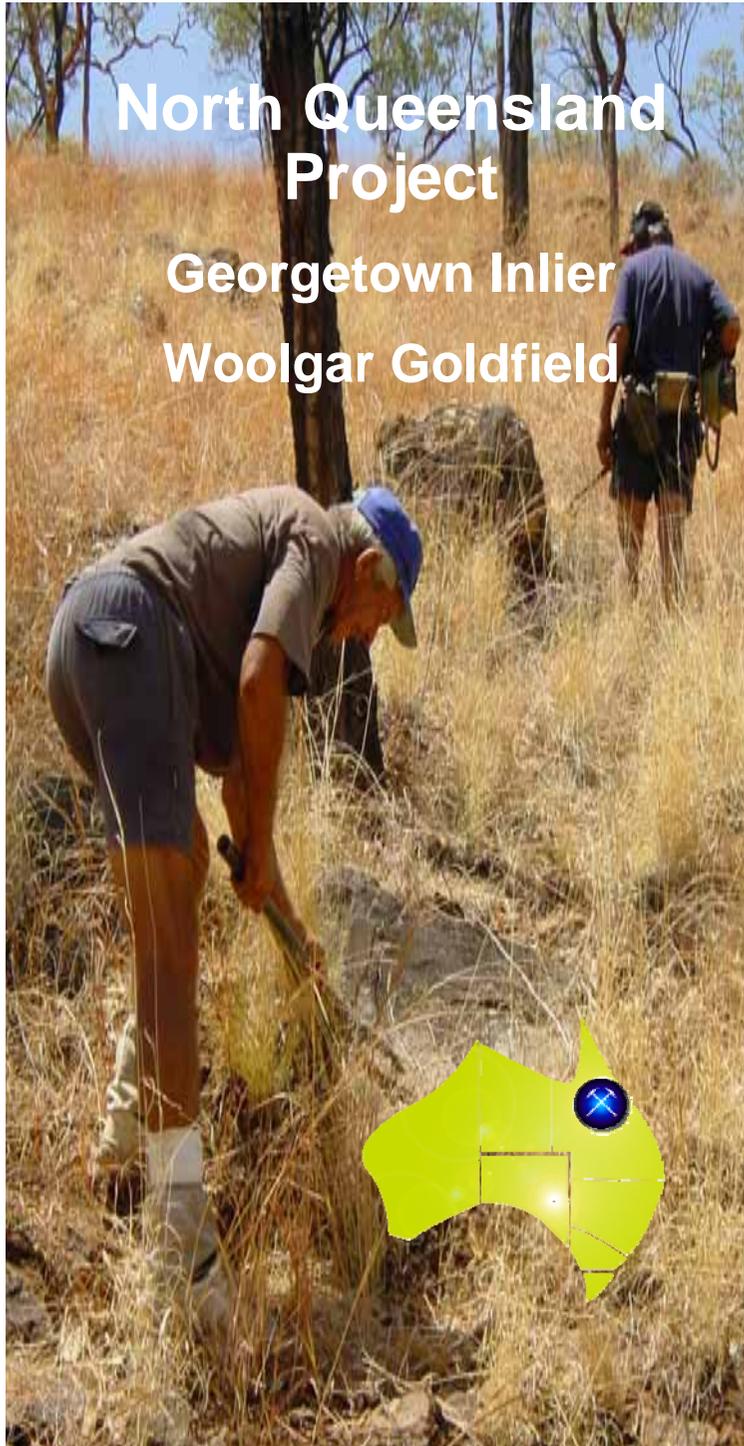
**High Grade
Gold
&
Uranium**

**7 Tenements
900 sq.kms**

North Queensland Project

Georgetown Inlier

Woolgar Goldfield



- Uranium occurrences which have been inadequately tested by previous explorers and favorable geological settings for uranium mineralisation occur in all tenements
- The uranium targets are hard rock volcanic type deposits similar to the nearby Maureen and Ben Lomond Uranium Deposits. Ben Lomond represents one of the highest value per tonne uranium resources in Australia with an average grade of 0.25% U₃O₈ and molybdenum credits of 0.15%
- Active exploration program planned for 2007/8



PepinNini Minerals Limited

Thank You



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- The information in this presentation that relates to Exploration Results and Mineral Resources is based on information compiled by Norman Kennedy BSc MAusIMM. Norman Kennedy is the Managing Director of PepinNini Minerals Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration 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". Norman Kennedy consents to the inclusion in the report of the matters based on his information in the form and context in which it appears