
Energy Metals Limited
Discovering Energy
Paul Dunbar
Exploration Manager

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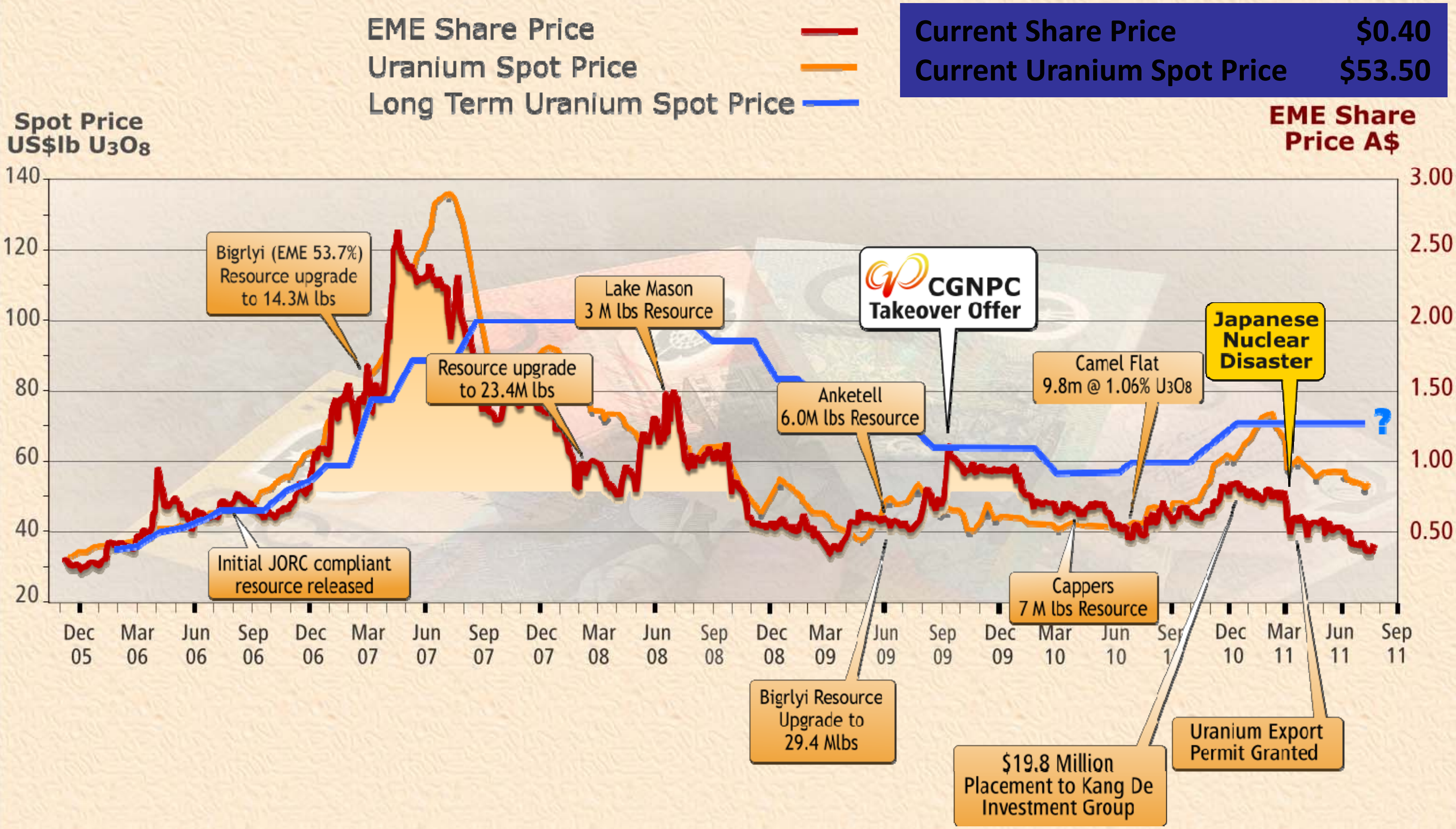
All amounts in A$ unless stated otherwise.

Energy Metals (EME) U3O8 Spot Price vs Share Price



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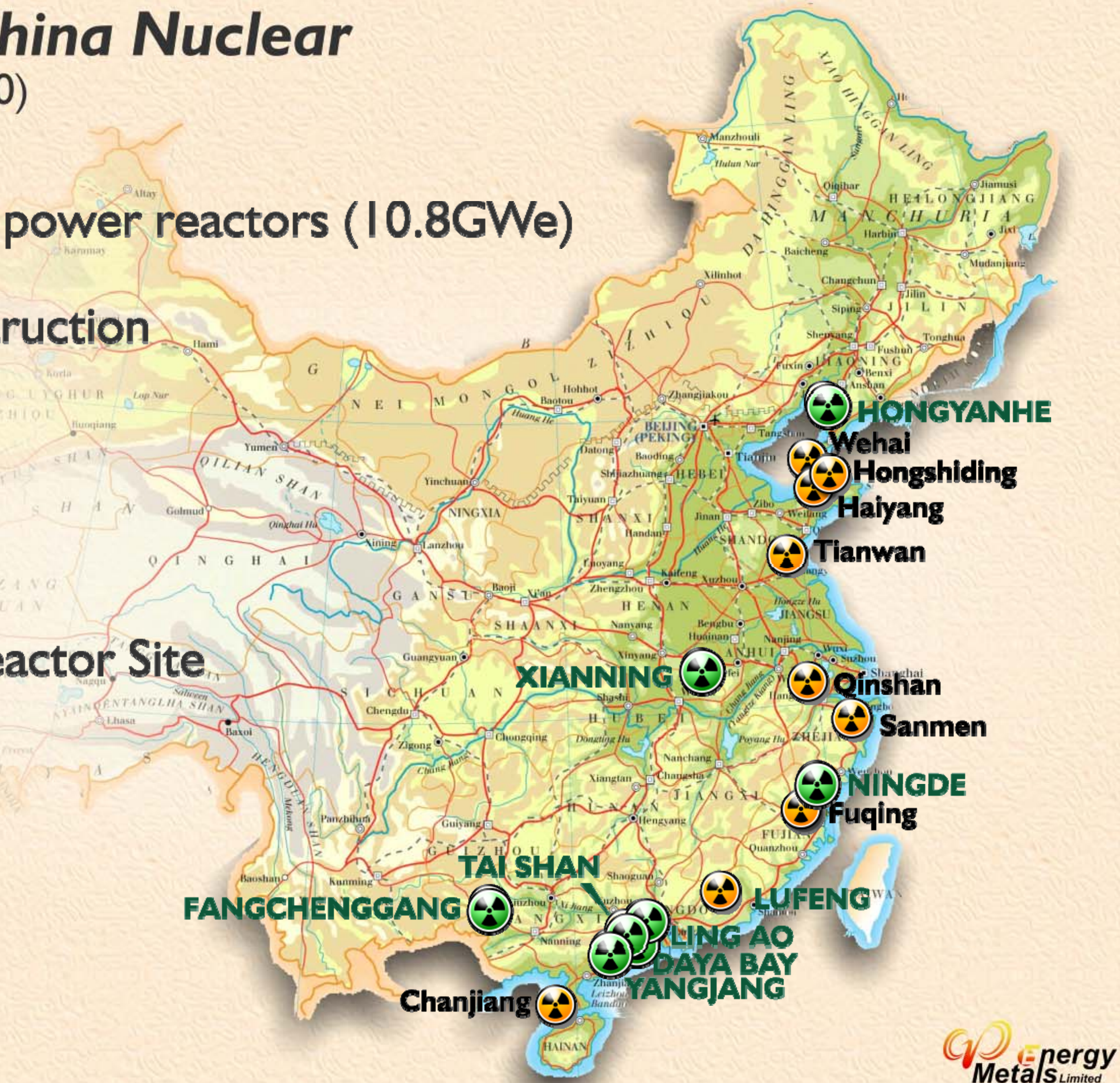
Mainland China Nuclear

(As at 31 Dec 2010)

13 Operational power reactors (10.8GWe)

28 Under construction

CGNPC Reactor Site



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CGNPC *(China Guangdong Nuclear Power Holding Co. Ltd)*

- *Clean energy group (established 1994)*
- *Total assets US$34.7B, Net Assets US$9.7B (May 2011)*
- *5 operating nuclear power plants close to HK*
- *16 power plants under construction*
- *One of only 2 Chinese companies which can import U*

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Capital Structure *(current)*

Shares on Issue	153.8m
Shareholders	≈1,020
Cash (31 March 2011)	$ 29.4m

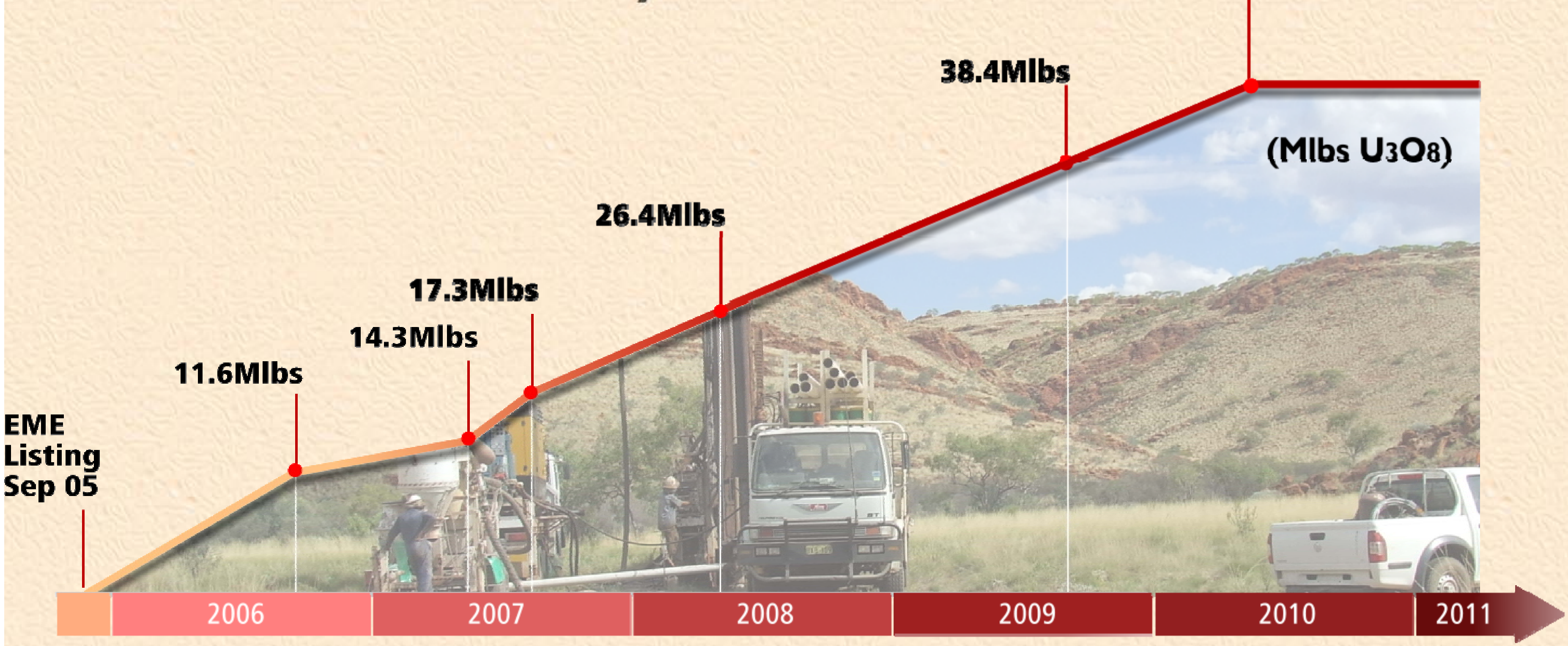
CGNPC	93.1m shares	60.6%
KangDe	19.5m shares	12.7%
Jindalee	14.0m shares	9.1%

Highly Experienced Board

Mr Zuyuan He (Chairman)	CGNPC
Dr Weidong Xiang (Managing Director)	CGNPC
Mr Bin Cui (Finance Director)	CGNPC
Ms Zheng Xiaowei (Non Exec)	CGNPC
Mr Zhong Yu (Non Exec)	KangDe
Mr Lindsay Dudfield (Non Exec)	
Mr Geoff Jones (Non Exec)	
Xuekun Li (Company Secretary)	

EME Management Track Record

Experienced, motivated team that escalated EME's JORC compliant uranium resources to **45.4 million lbs in 6 years**



Uranium Trading

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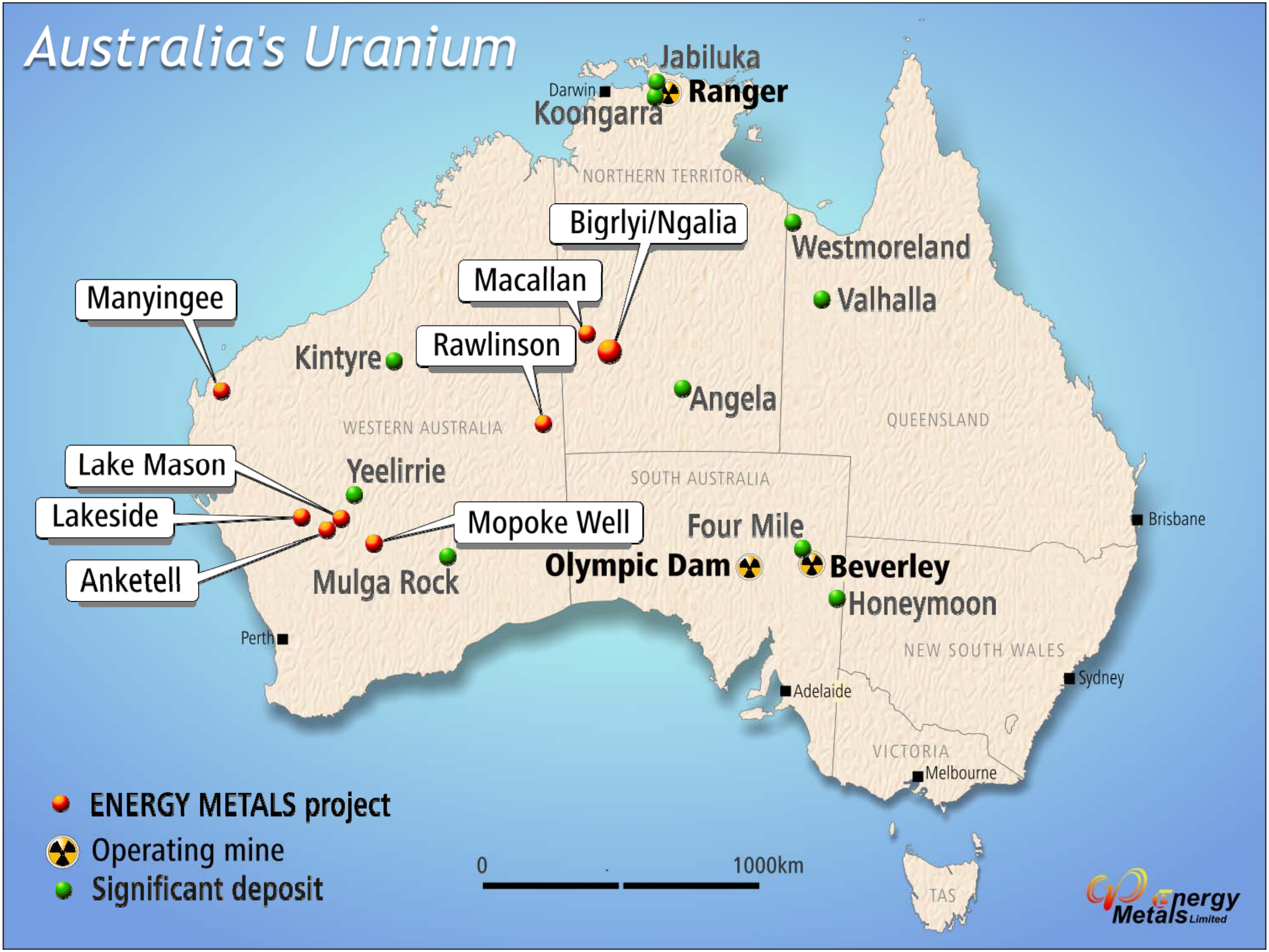
Uranium Trading

- Unique Uranium Export Permit Granted
- Permit to Possess Granted
- Purchase and Sales Contracts being Negotiated



Australia's Uranium
Jabiluka
Darwin
Ranger
Koongarra
NORTHERN TERRITORY
Bigrlyi/Ngalia
Westmoreland
Macallan
Valhalla
Manyingee
Kintyre
Rawlinson
Angela
WESTERN AUSTRALIA
QUEENSLAND
Lake Mason
Yeelirrie
SOUTH AUSTRALIA
Lakeside
Mopoke Well
Four Mile
Brisbane
Olympic Dam
Beverley
Anketell
Mulga Rock
Honeymoon
Perth
NEW SOUTH WALES
Sydney
Adelaide
VICTORIA
Melbourne
ENERGY METALS project
Operating mine
Significant deposit
0
1000km
TAS
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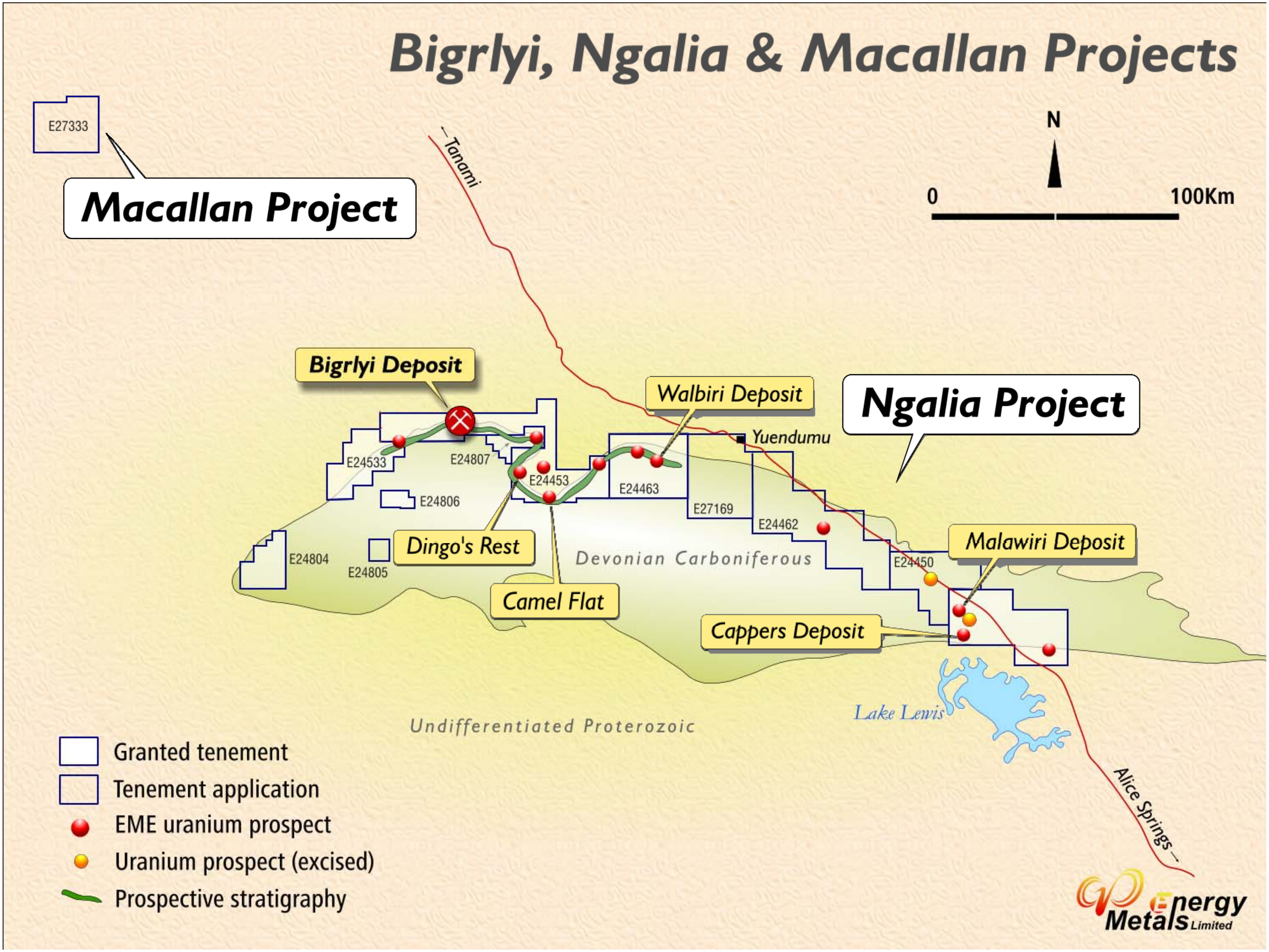

Bigrlyi, Ngalia & Macallan Projects
E27333
Macallan Project
Tanami
N
0
100Km
Bigrlyi Deposit
Walbiri Deposit
Ngalia Project
Yuendumu
E24533
E24807
E24453
E24463
E27169
E24806
E24462
E24804
E24805
Dingo's Rest
Devonian Carboniferous
Malawiri Deposit
E24450
Camel Flat
Cappers Deposit
Lake Lewis
Undifferentiated Proterozoic
Granted tenement
Tenement application
EME uranium prospect
Uranium prospect (excised)
Prospective stratigraphy
Alice Springs
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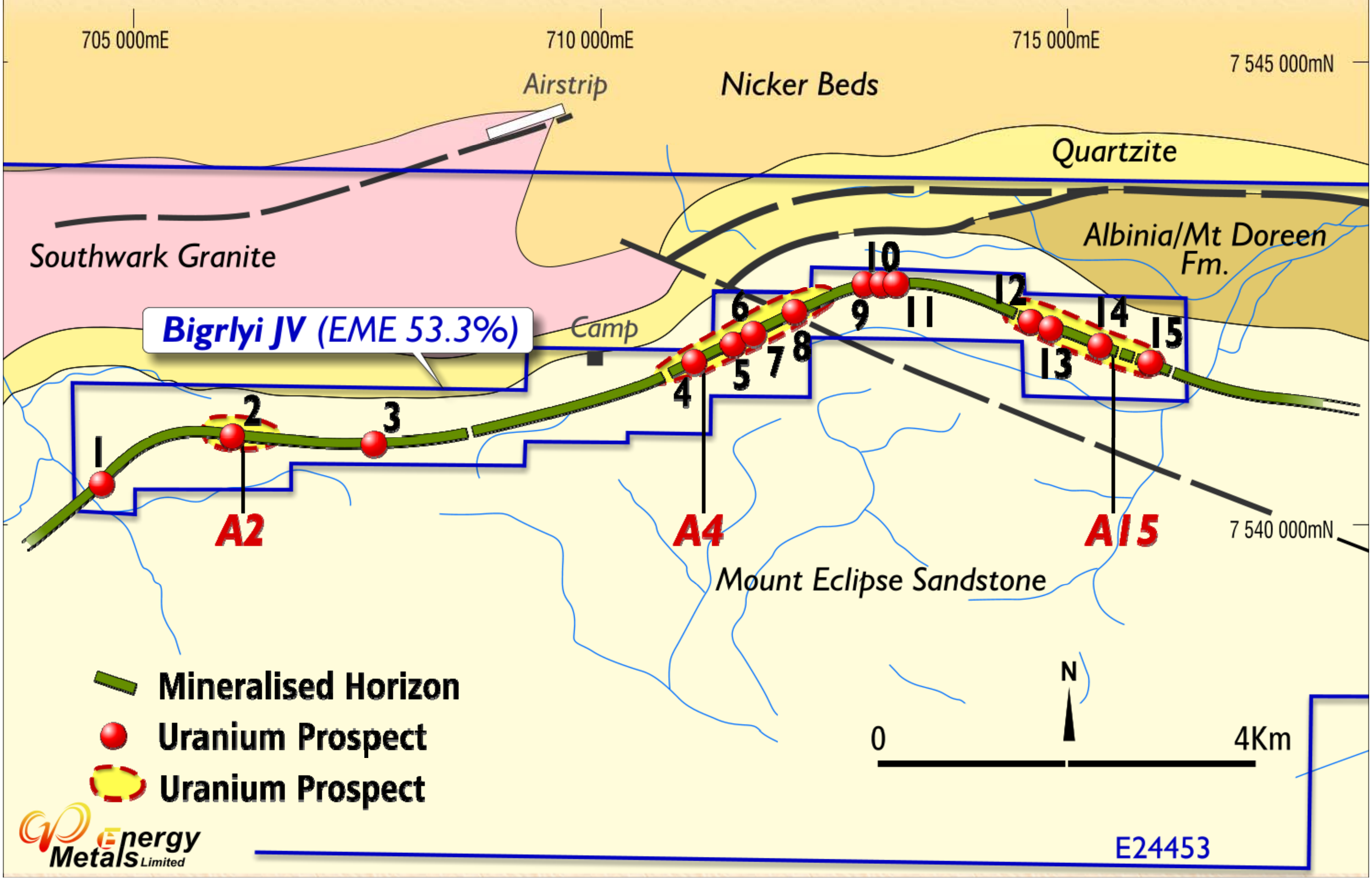
Bigrlyi Project
Mineralised Horizon and Anomalies



Bigrlyi-Perth *Area Comparison*

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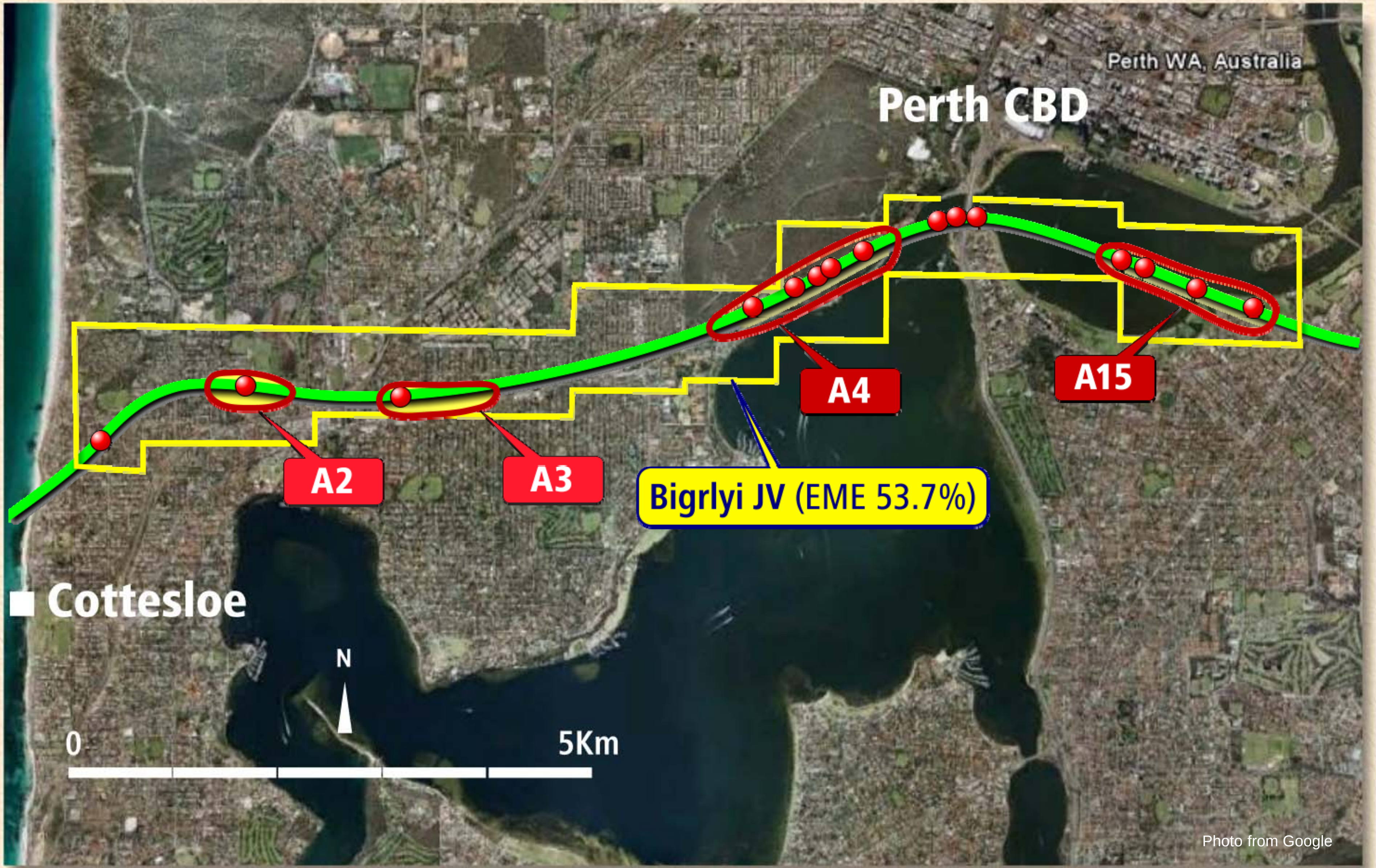

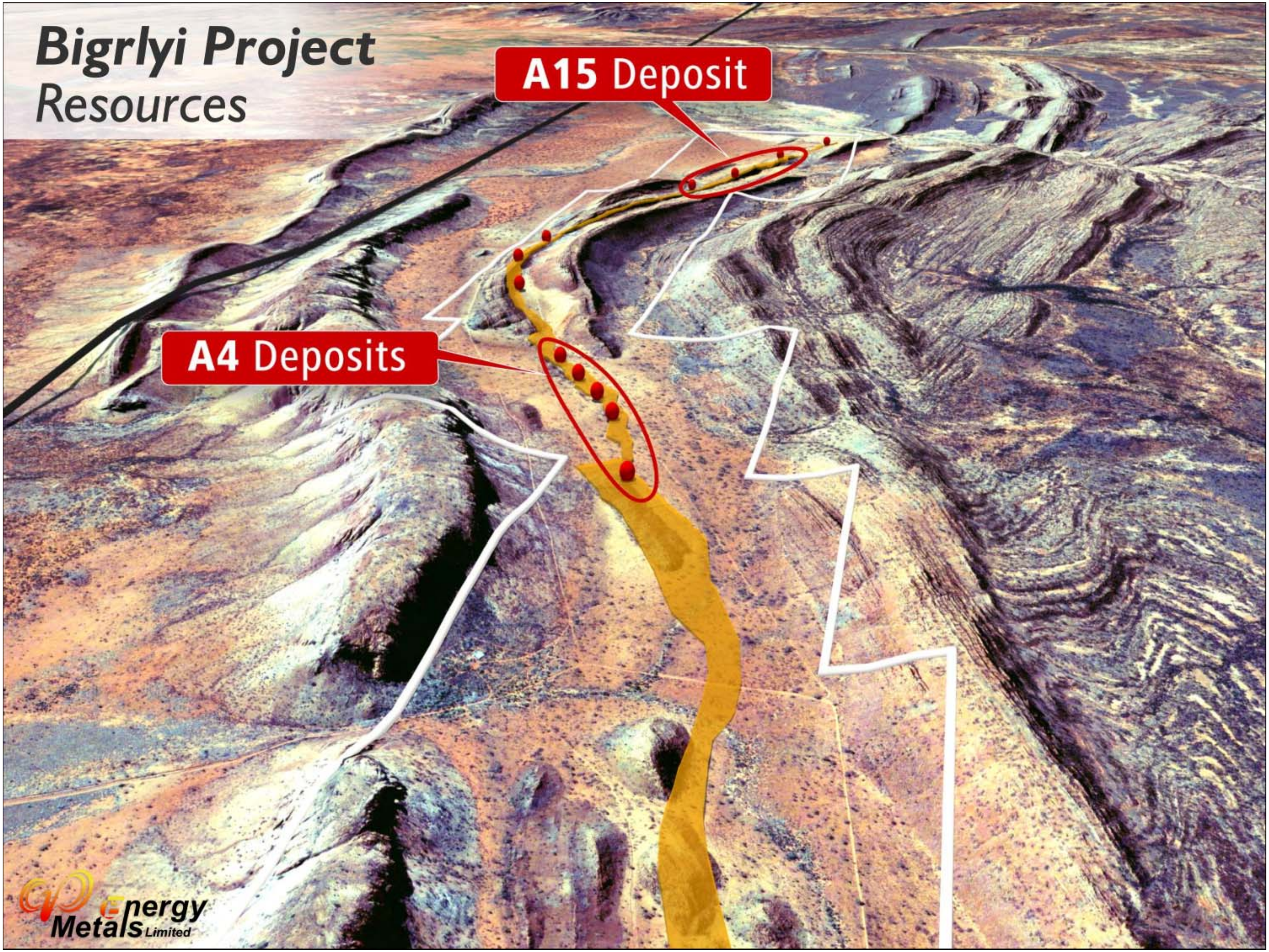
Bigrlyi Project
Resources
A15 Deposit
A4 Deposits
Energy
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Bigrlyi June 2011 Resource* (250ppm cut off)

JORC status	Mt	U3O8 ppm	U3O8 t	U3O8 Mlb	V2O5 ppm	V2O5 t	V2O5 Mlb
Ind.	8.8	890	7,800	17.3	1,026	9,000	19.9
Inf.	6.2	715	4,400	9.7	805	5,000	10.9
TOTAL	15	818	12,200	27	935	14,000	30.8

- Multiple Indicator Kriging; tonnes are metric (2204.62 pounds), figures may not total due to rounding.
- Announced 28th June 2011

Bigrlyi PFS Summary*

- Excellent metallurgy (>95% recovery)
- Excellent geotechnical ground conditions
- Capex Plant and infrastructure $181M
- Capex Mining $89M
- Total Opex $160/t
- Positive Cash Flow > $120M
- 8 year mine life
- Resource increase essential to improve Economics
- Feasibility Studies continuing

* More details in 17th June ASX release

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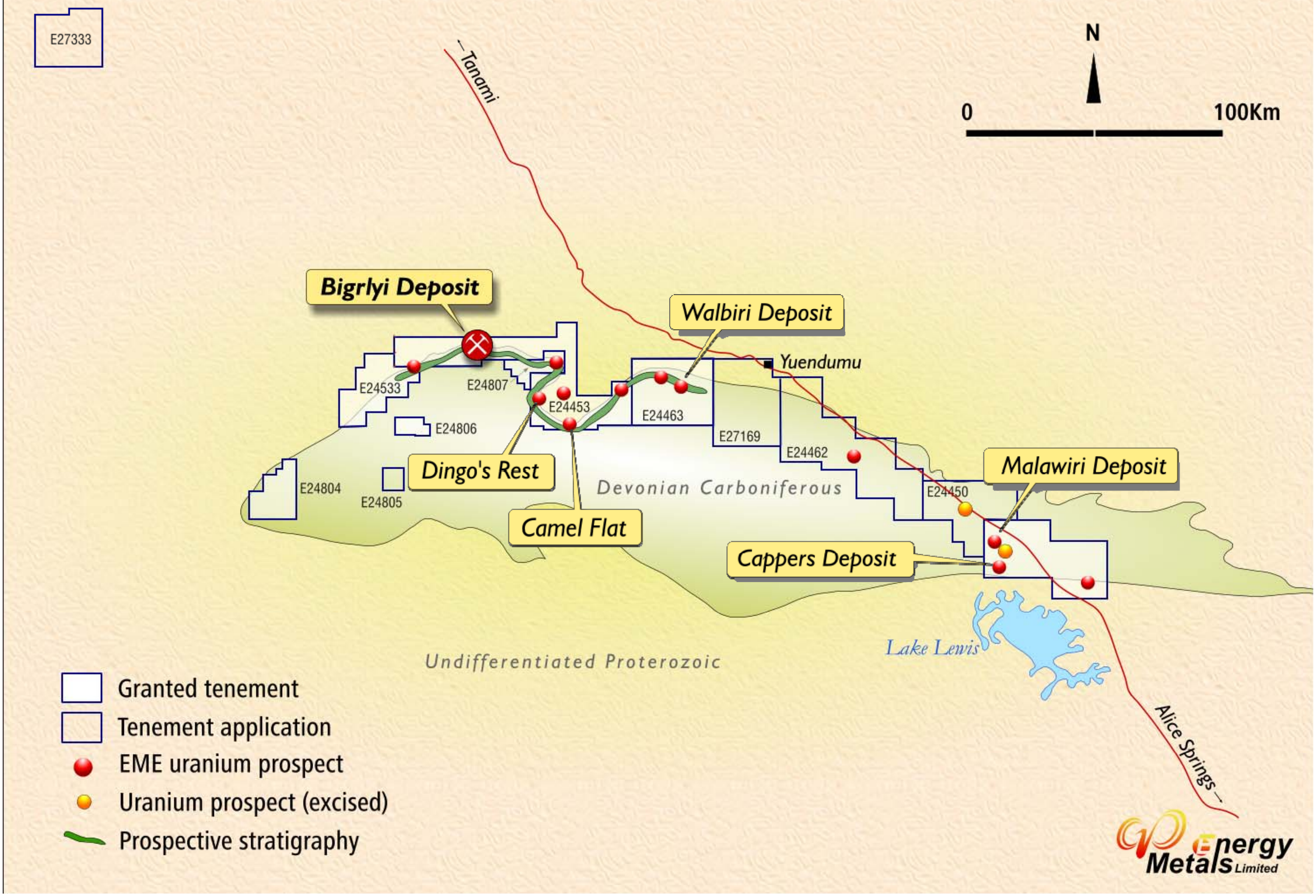
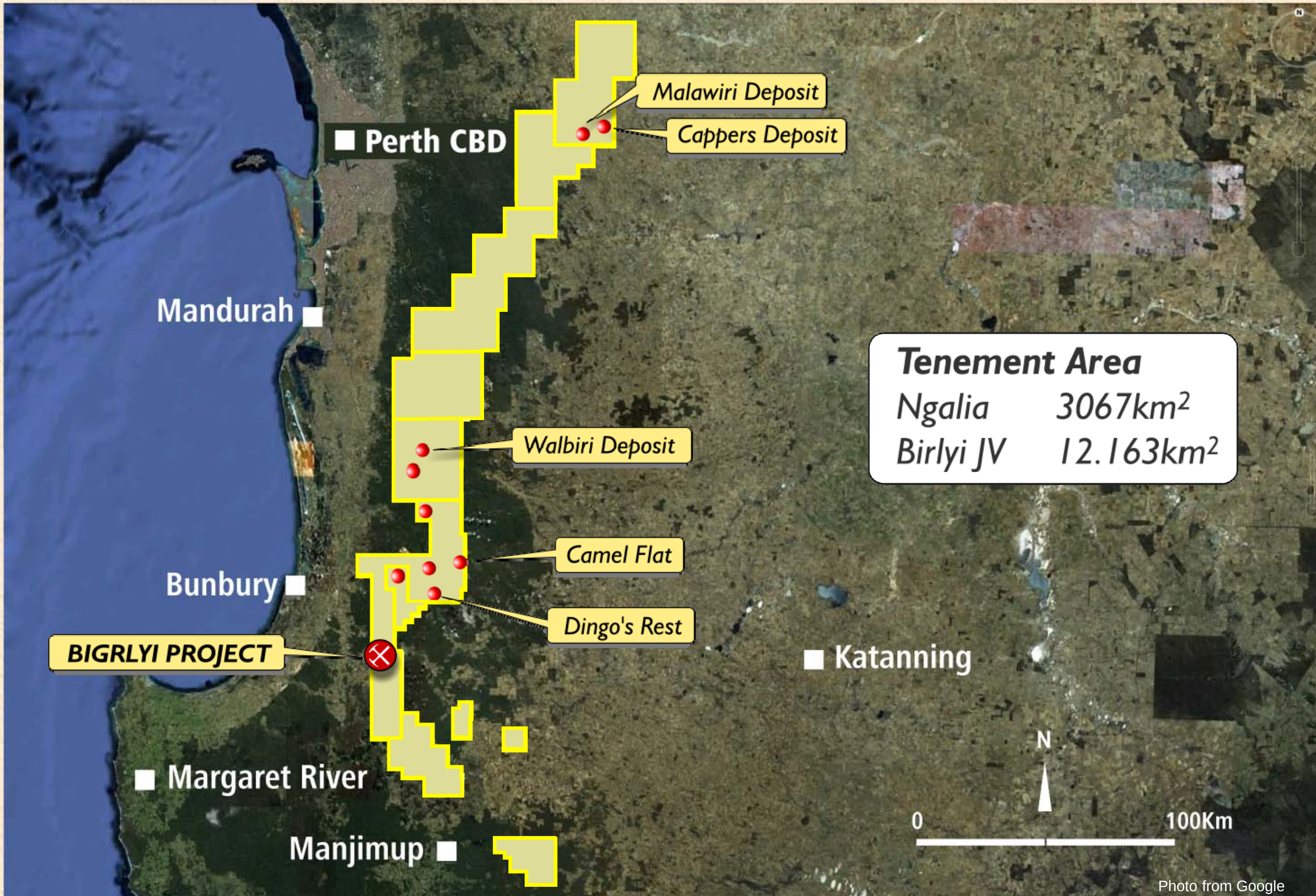
Bigrlyi Drilling

Bigrlyi, Ngalia & Macallan Projects



Bigrlyi-Ngalia Projects Area Comparison



Bigrlyi-Ngalia-Macallan Projects
Area Comparison

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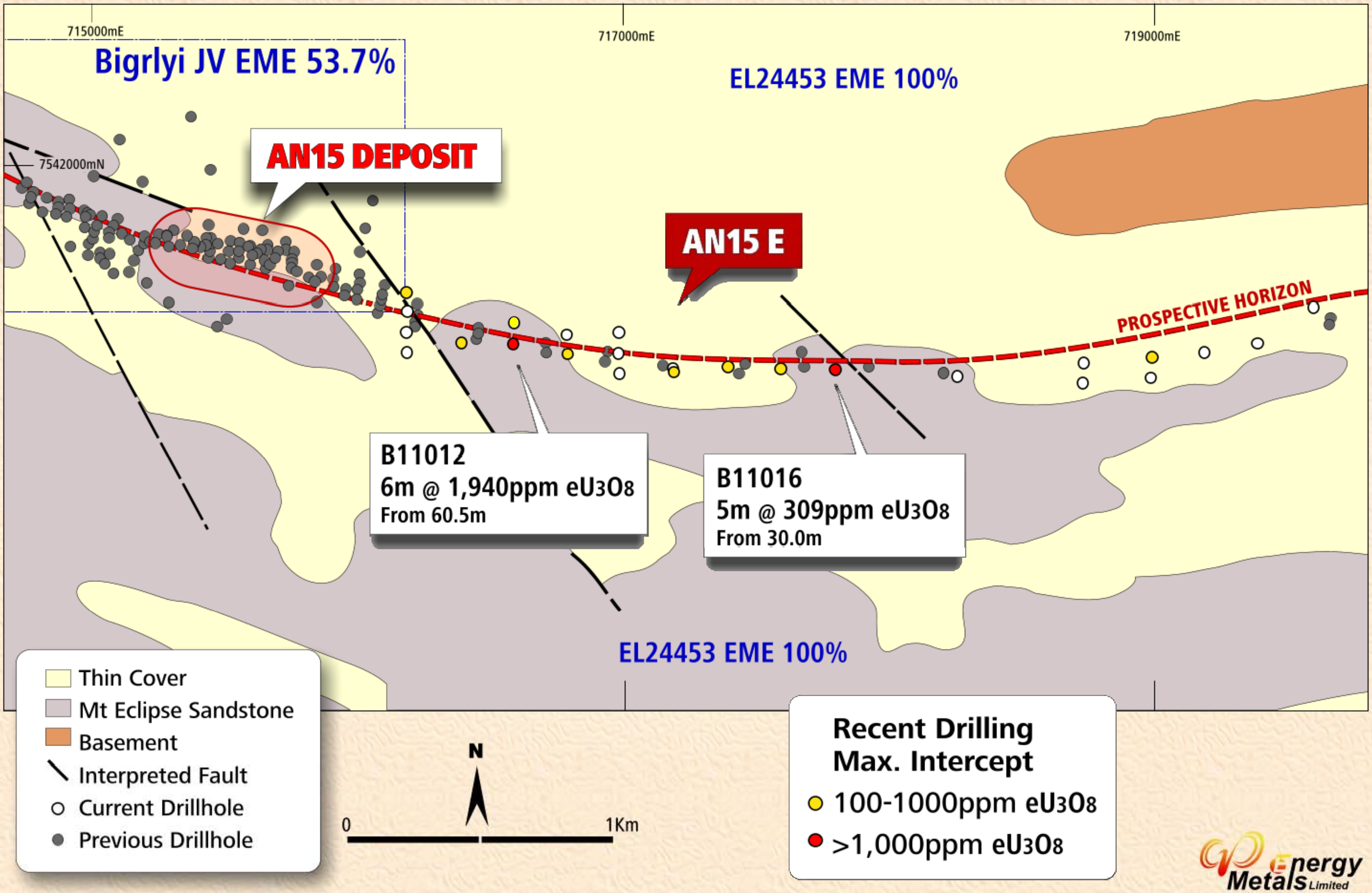
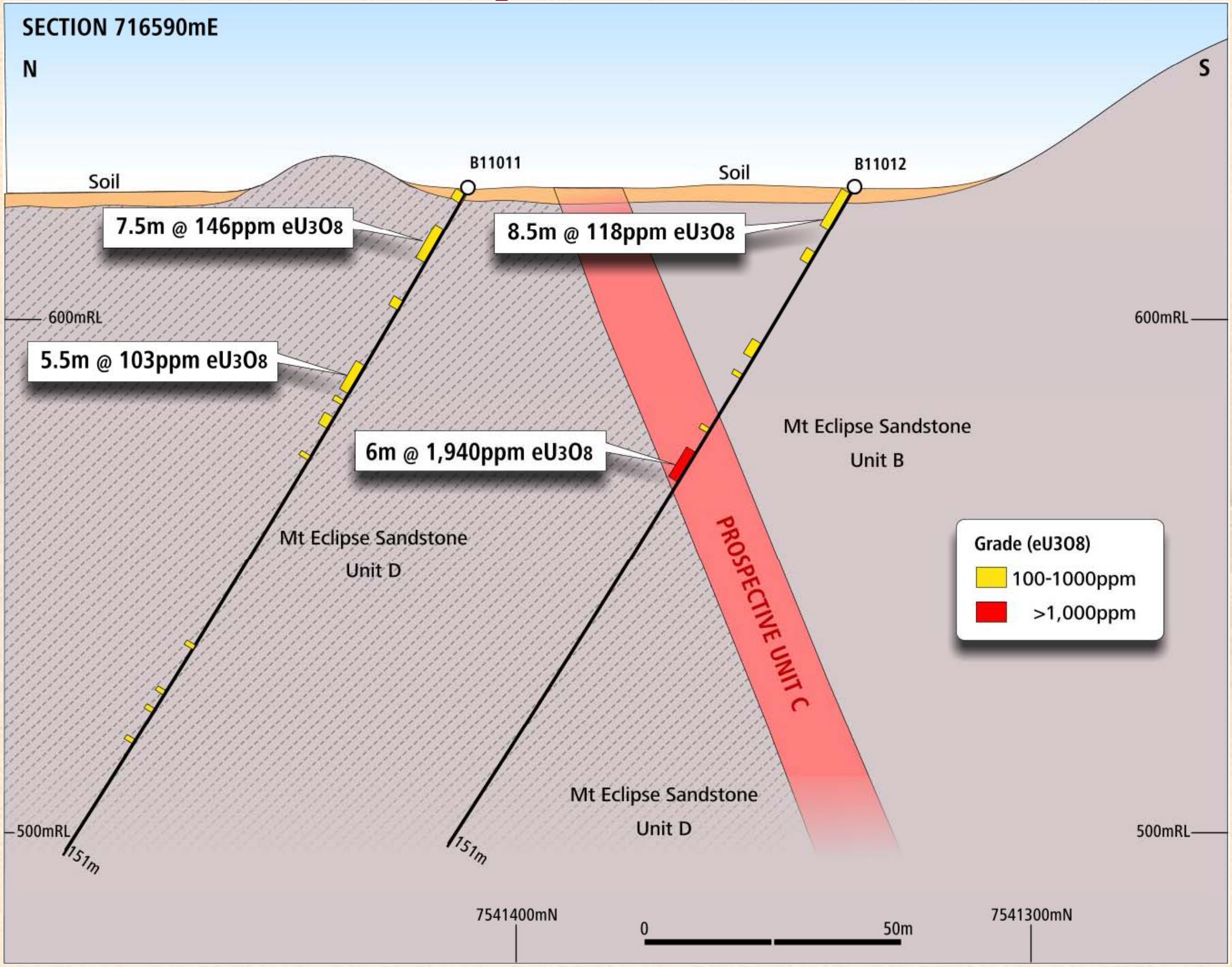
Anomaly 15E *Bigrlyi Project*



Anomaly 15 East Drilling

Anomaly 15 East Section



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Camel Flat Prospect

Discovery Hole CFD1001

Camel Flat - CFD1001 *(July 2010)*

27m @ 0.27% U_3O_8 from 93.0m

(incl. 3.5m @ 1.82% U_3O_8 from 93.5m)

Note – True thickness estimated at 3 – 5m

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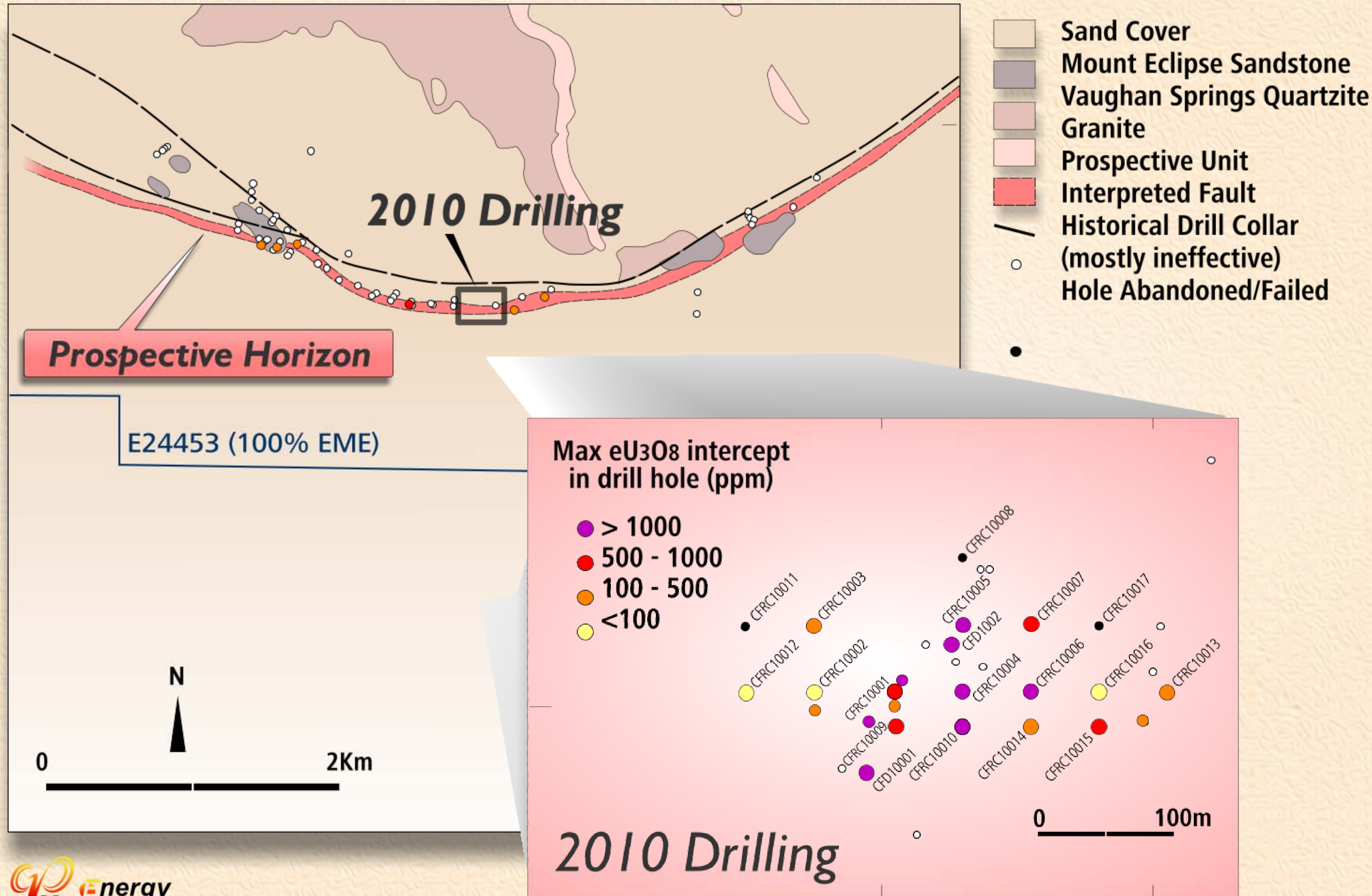
Camel Flat Drilling *Drilling*



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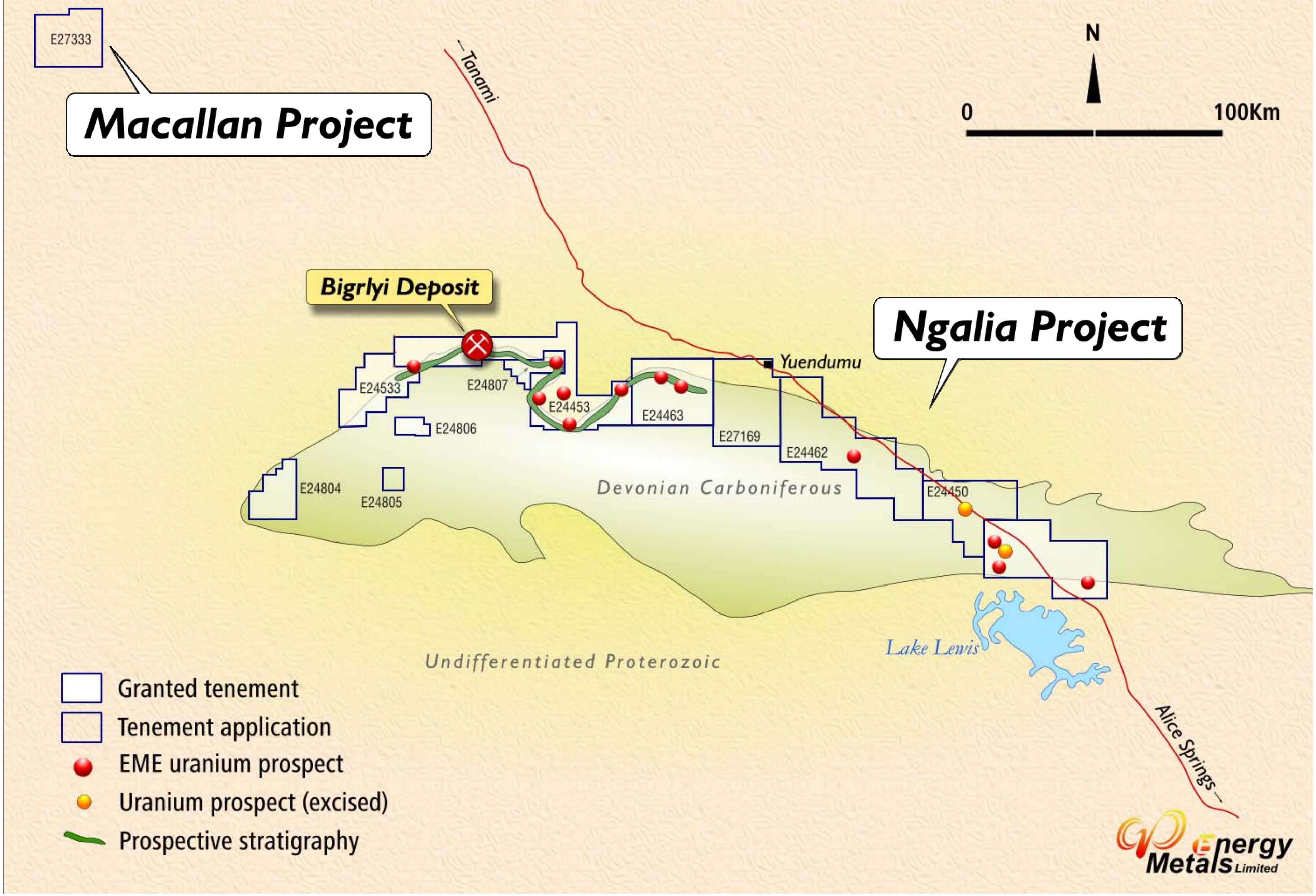
Bigrlyi, Ngalia & Macallan Projects



Macallan NT Radiometrics

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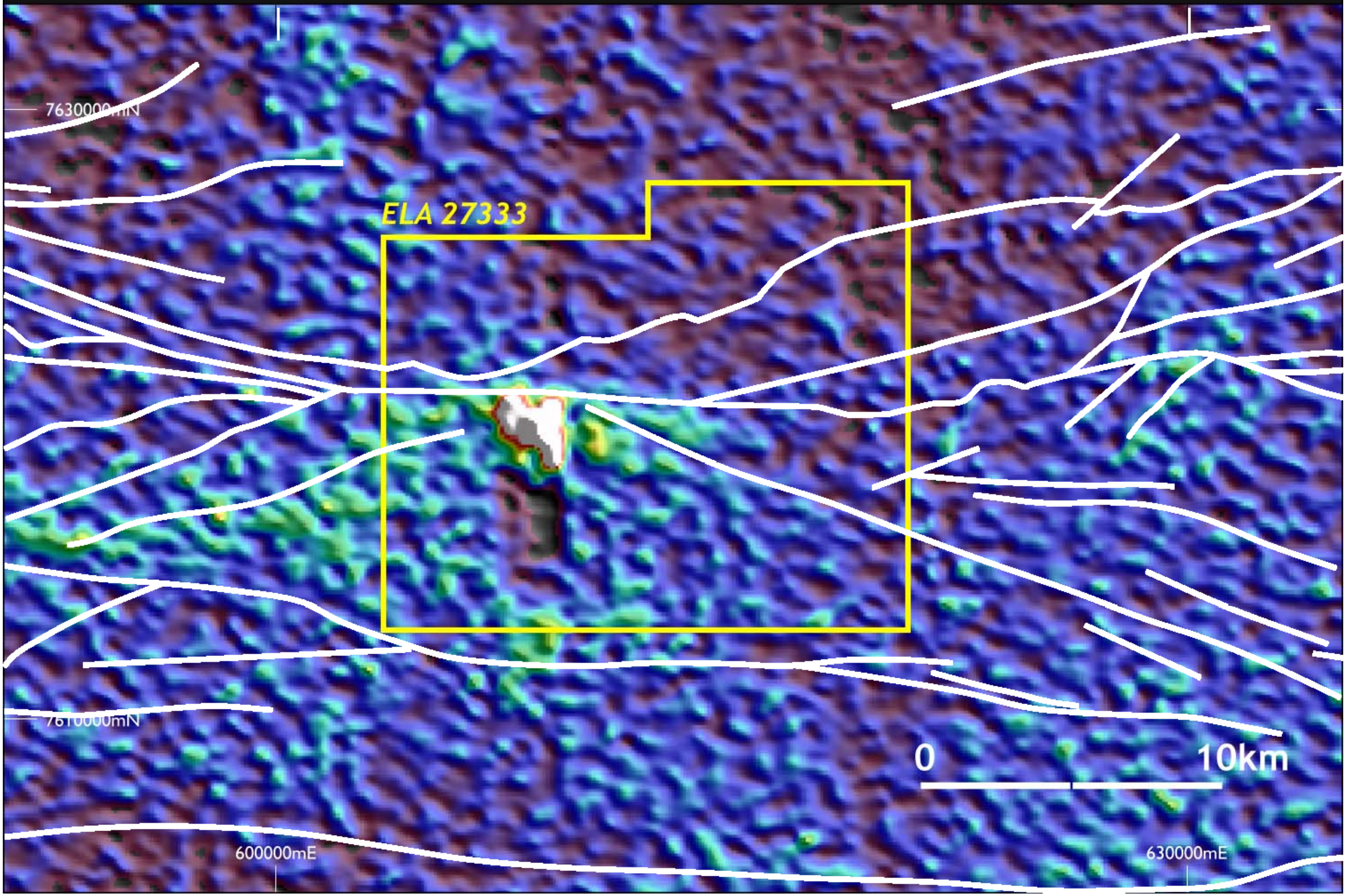
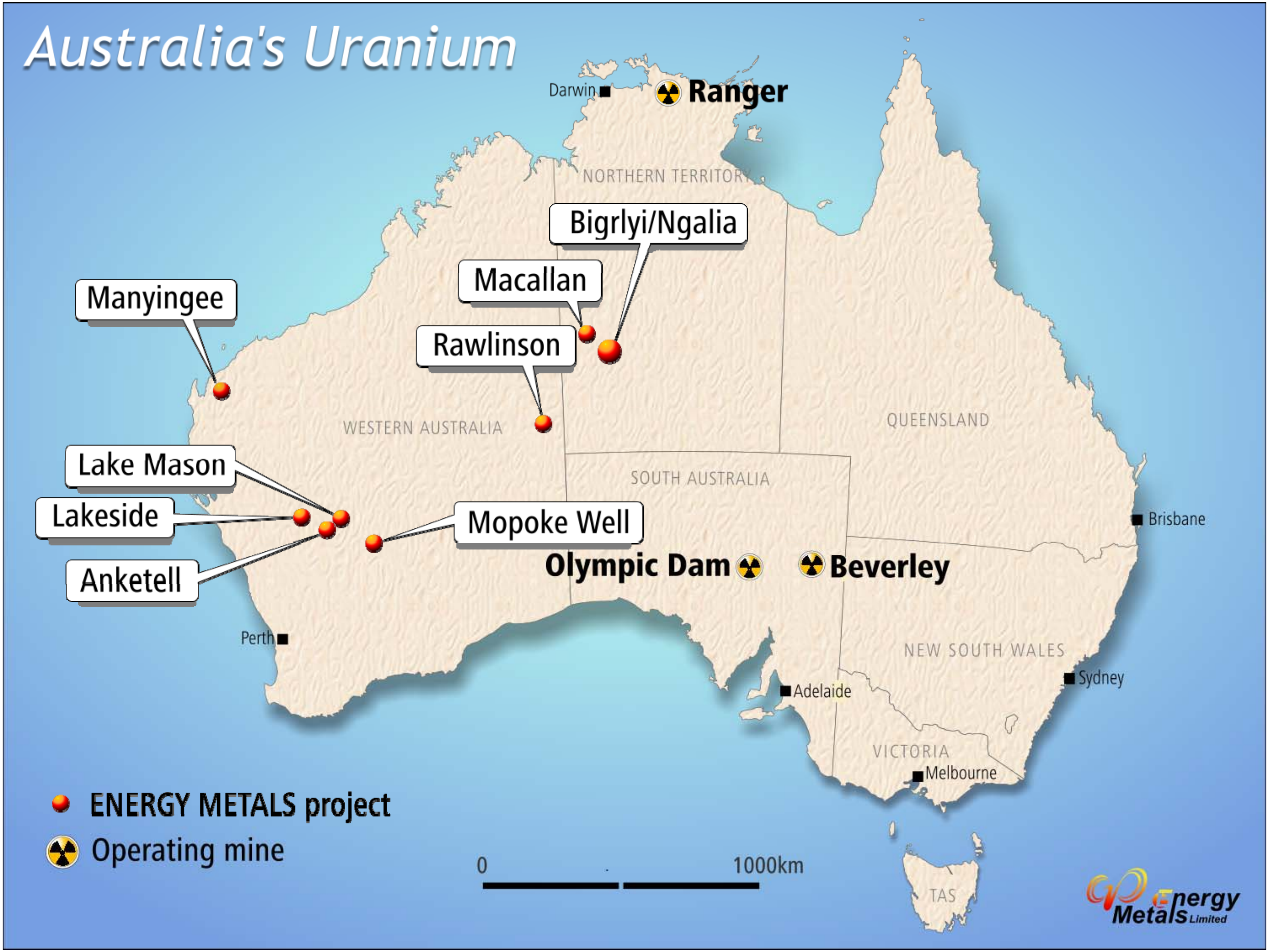
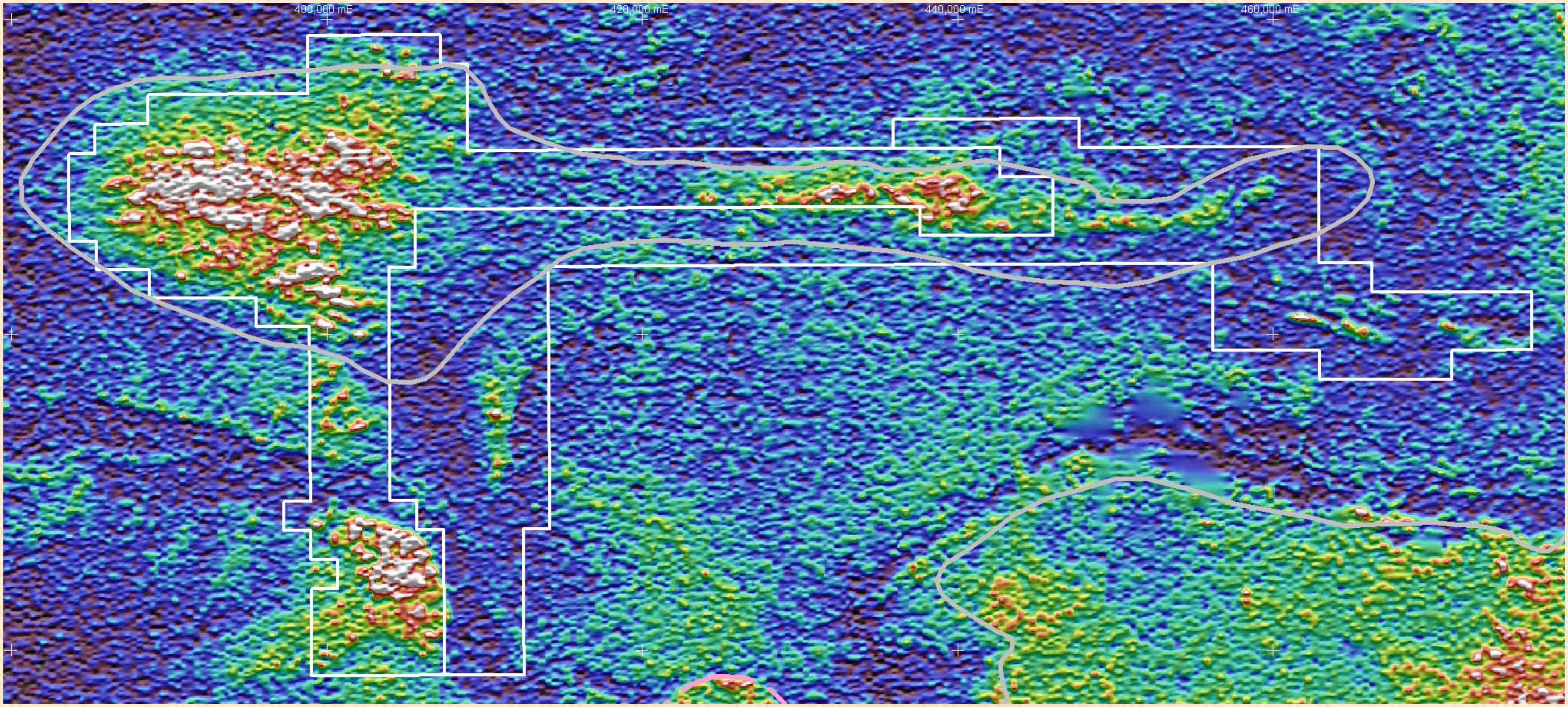




Australia's Uranium
Darwin
Ranger
NORTHERN TERRITORY
Bigrlyi/Ngalia
Macallan
Manyingee
Rawlinson
WESTERN AUSTRALIA
QUEENSLAND
Lake Mason
SOUTH AUSTRALIA
Lakeside
Mopoke Well
Brisbane
Anketell
Olympic Dam
Beverley
Perth
NEW SOUTH WALES
Sydney
Adelaide
VICTORIA
Melbourne
ENERGY METALS project
Operating mine
0
1000km
TAS
Energy Metals Limited

Rawlinson – WA Radiometrics



0 20Km

Watch out for:

Commencement of Uranium Trading

Drilling Results

inc Anomanly 15 East, Camel Flat

Bigrlyi Extensional Drilling

Access to Greenfields Projects 2011 ?

Increasing Chinese investor interest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Thank You
LISTED ON AUSTRALIAN STOCK EXCHANGE
ASX : EME

Compliance Statement

The information in this presentation is based on information compiled by Mr Paul Dunbar and Mr Lindsay Dudfield, who are both Members of The Australasian Institute of Mining and Metallurgy and The Australian Institute of Geoscientists. Mr Dunbar is a full time employee of the Energy Metals, Mr Dudfield is a consultant employed by Energy Metals. They both have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are 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 Dunbar and Mr Dudfield consent to the inclusion in this presentation of the matters based on the information in the form and context in which it appears.