

Deep Yellow
Limited

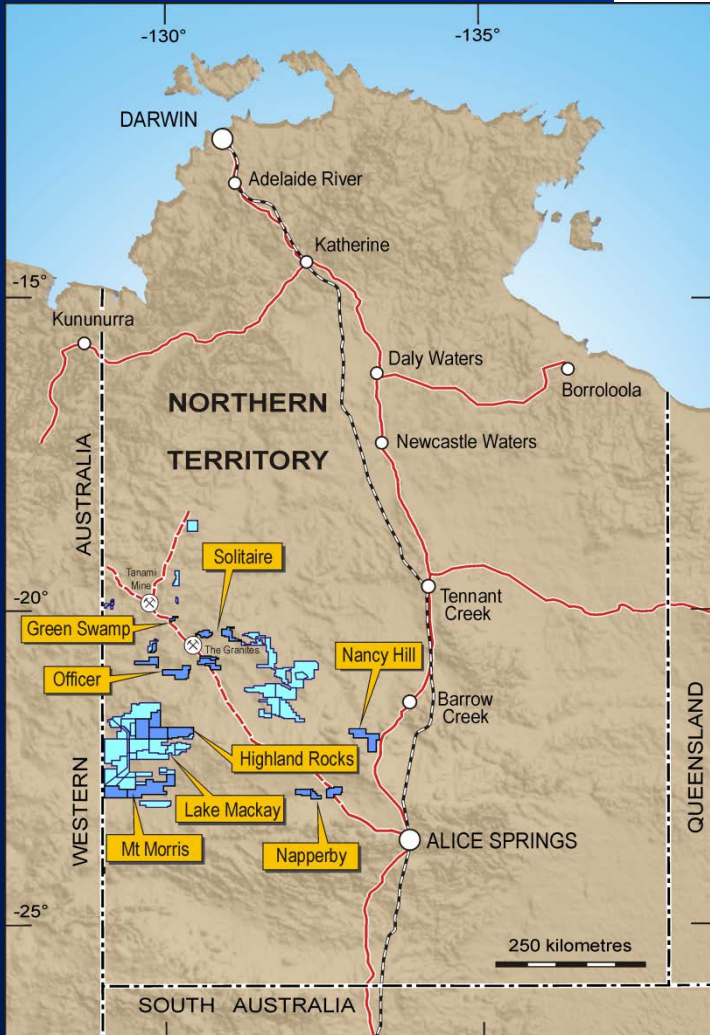
Australia China
Minerals Investment Summit

Darwin , 22 May 2013

Martin Kavanagh – Executive Director

ASX: DYL

www.deepyellow.com.au





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✿ Corporate Overview

✿ Australian Divestment

- Northern Territory
- Other Projects





The Board

Mervyn Greene	Chairman
Greg Cochran	Managing Director
Martin Kavanagh	Executive Director
Gillian Swaby	N.E.D
Rudolf Brunovs	N.E.D (Independent)
Christophe Urtel	N.E.D
Tim Netscher	N.E.D (Independent)

Executives & Management

Greg Cochran	Managing Director
Martin Kavanagh	Executive Director
Peter Christians	Country Manager: Namibia
Ursula Pretorius	Financial Controller
Klaus Frielingsdorf	GM: Technical
Katrin Kärner	Exploration Manager

Capital Structure – as at 9 May 2013

Shares on Issue	1,560.7 M
Performance Rights	16.837 M
Market Cap (@ 5.0c)	~ AUD70 M
Net Cash	~AUD5.5 M
Major shareholders:	
Paladin Energy Limited	19.50%
Laurium L.P. Fund	9.92%
Raptor Partners Limited	8.29%





JORC MINERAL RESOURCE ESTIMATES SUMMARY - APRIL 2013

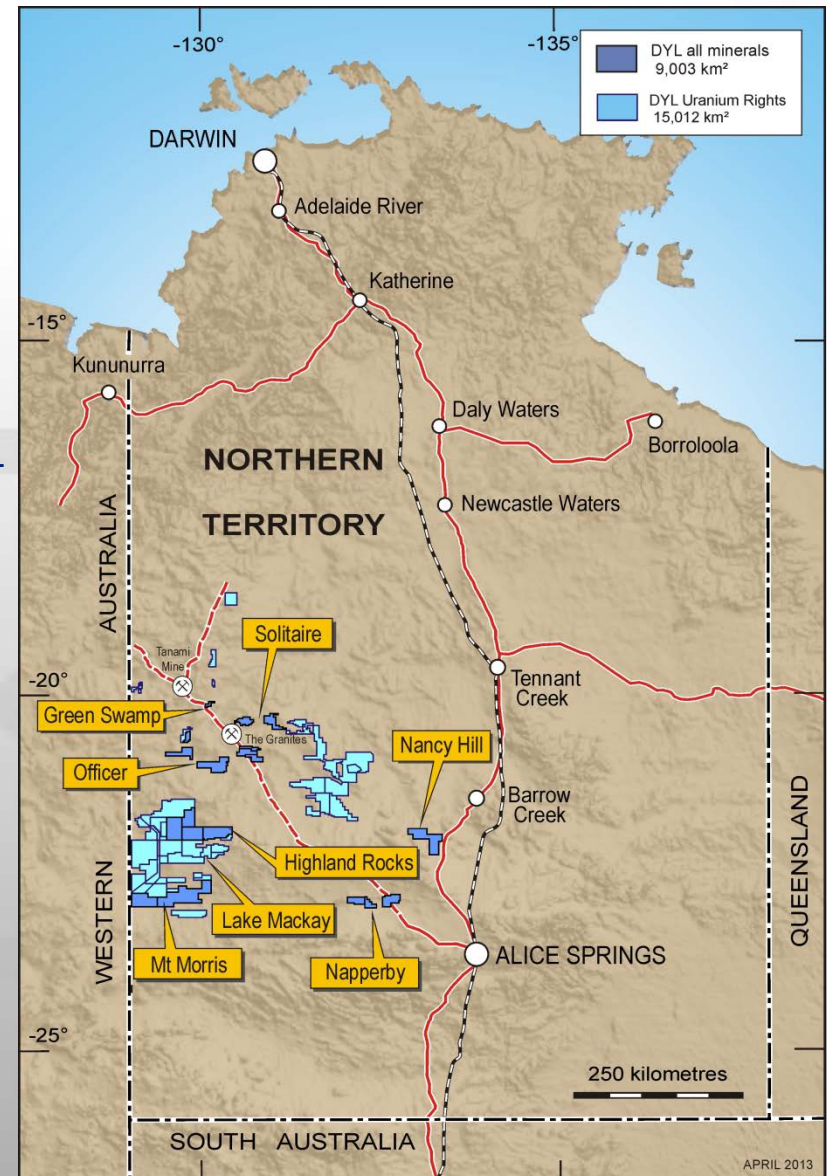
Deposit	Category	Cut-off (ppm U ₃ O ₈)	Tonnes (M)	U ₃ O ₈ (ppm)	U ₃ O ₈ (t)	U ₃ O ₈ (Mlb)
NAMIBIA						
TOTAL MEASURED & INDICATED RESOURCES			49.6	379	18,781	41.3
TOTAL INFERRED RESOURCES			142.9	217	30,941	68.2
TOTAL NAMIBIA			192.5	258	49,722	109.5
NAPPERBY PROJECT (NT, AUSTRALIA)						
Napperby	Inferred	200	9.3	359	3,351	7.4
NAPPERBY TOTAL			9.3	359	3,351	7.4
MOUNT ISA PROJECT (QLD, AUSTRALIA)						
Mount Isa	Indicated	300	1.2	510	590	1.3
Mount Isa	Inferred	300	0.6	460	300	0.7
MOUNT ISA TOTAL			1.8	494	890	2.0
TOTAL MEASURED RESOURCES			12.1		4,995	11
TOTAL INDICATED RESOURCES			39	364	15,386	32
TOTAL INFERRED RESOURCES			152.8	218	32,477	76
TOTAL RESOURCES			203.9	265	53,963	119

*Notes: Figures have been rounded and totals may reflect small rounding errors
XRF chemical analysis unless annotated otherwise
eU₃O₈ - equivalent uranium grade as determined by downhole gamma logging
Combined XRF Fusion Chemical Assays and eU₃O₈ values*

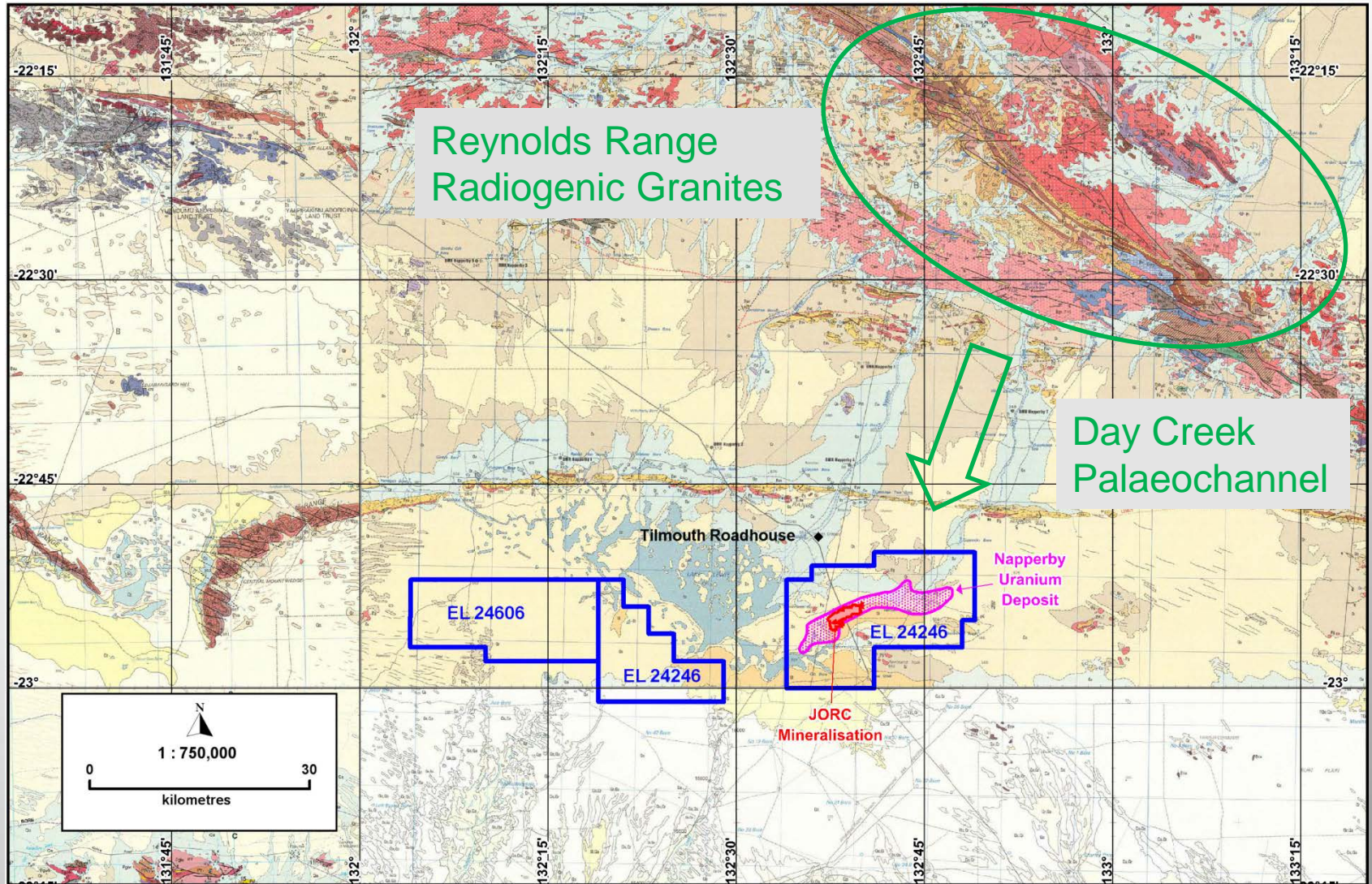
Northern Territory Projects



- ❁ Deep Yellow has a major tenement holding within the highly prospective Tanami-Arunta uranium province, with defined projects covering almost 9,000 km² and an operational base in Alice Springs.
- ❁ Key project is Napperby, a calcrete-hosted uranium deposit which has an inferred JORC resource of 9.34 Mt at 359 ppm U₃O₈ for 3,351 tonnes -7.39 Mlbs U₃O₈ as part of a larger mineralised system. There is significant upside potential to increase the Napperby deposit resource base.
- ❁ Tenement areas are prospective for calcrete-hosted uranium mineralisation.
- ❁ Proterozoic basement-hosted uranium mineralisation is also being targeted.
- ❁ 100% rights to uranium within ABM Resources NL's tenements covering an additional 15,012 km².



Napperby Project - Regional Geology





- ✿ Napperby deposit is 20 km long x 1.5 km wide palaeochannel
- ✿ Carnotite mineralisation (yellow, uranium vanadate)
- ✿ Disseminated and podiform (“nuggety”)
- ✿ 3-7m below surface
- ✿ Uranium hosted in mottled green-yellow clayey sand (some in calcrete, silcrete & lignite)
- ✿ JORC Resource – 9.3Mt at 359ppm for 7.4Mlbs U_3O_8

Grades:

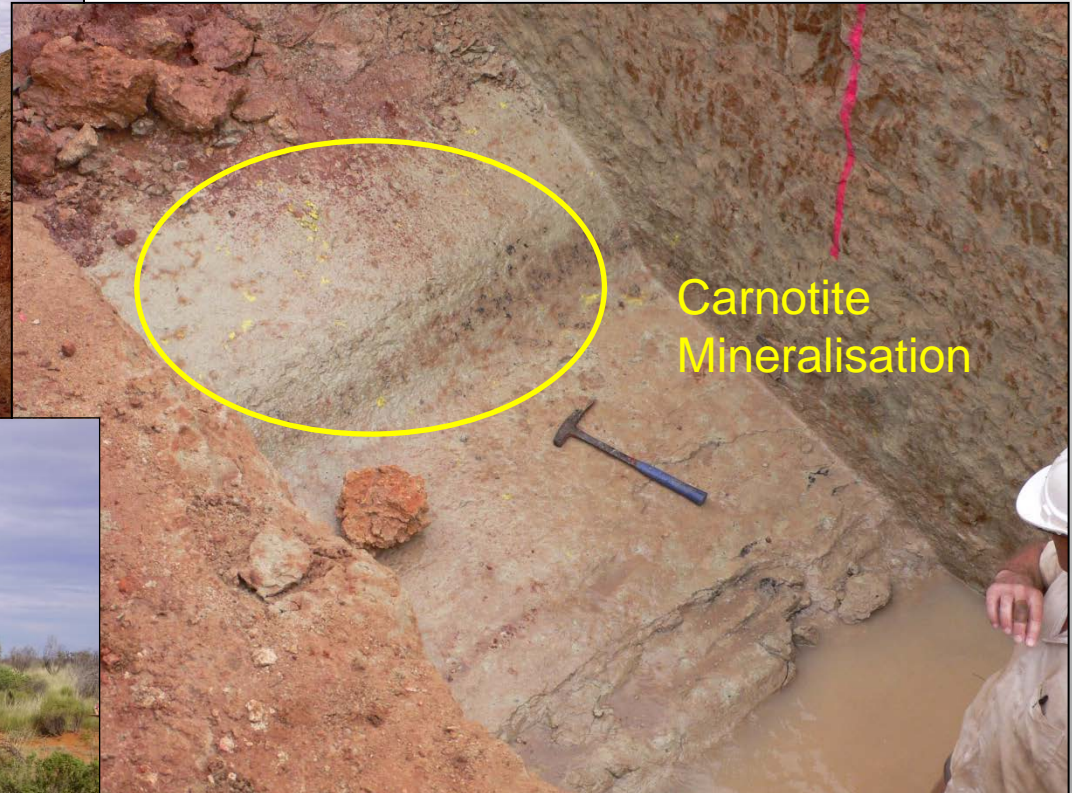
- Typically in the order of 200-600 ppm U_3O_8 over 2-3 m thickness
- Up to 2000 ppm U_3O_8 over 1.5 m
- Can be variable over short distances



Napperby Project - Early Exploration

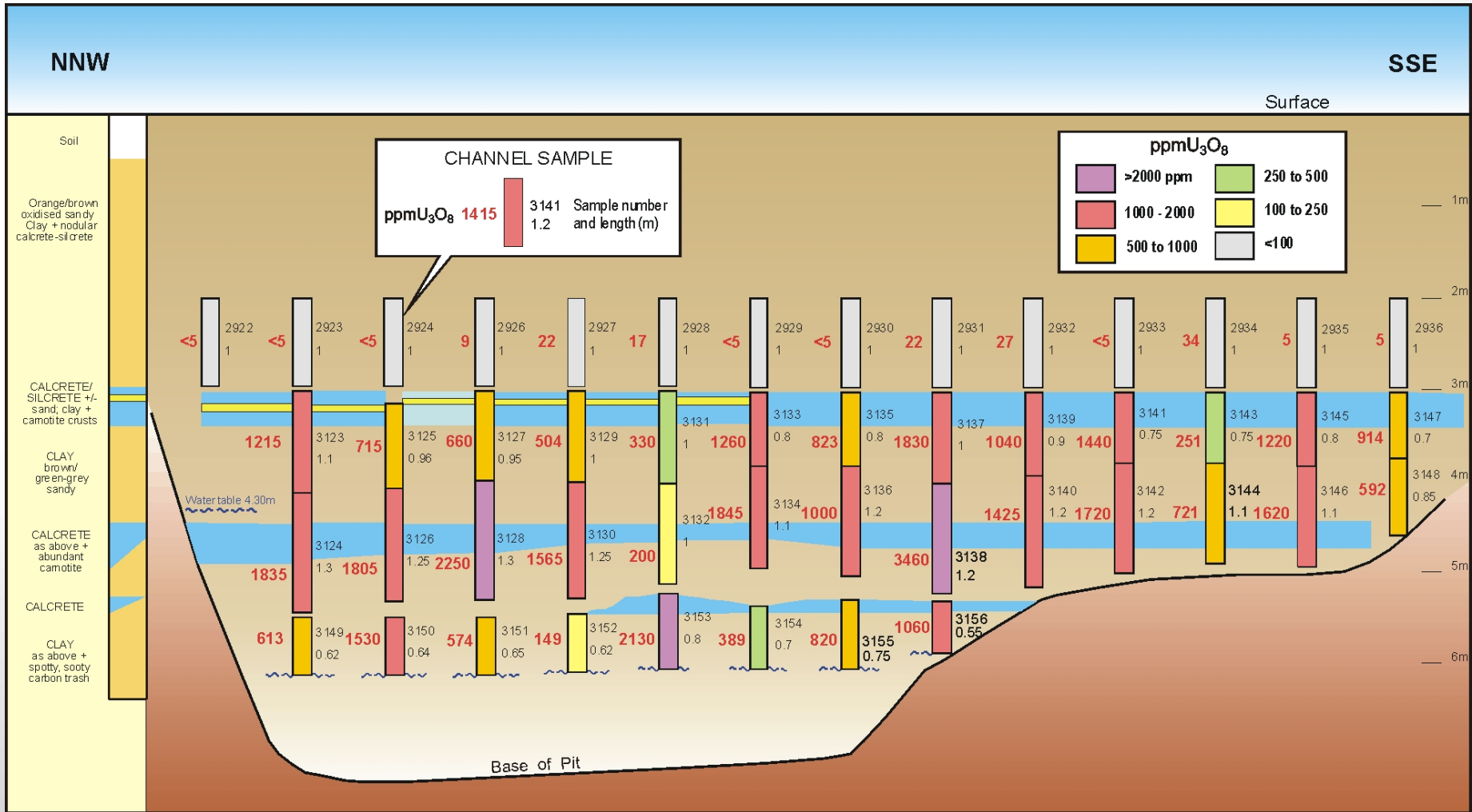


Trenching - 2006



Auger Drilling 2006

Napperby Project - Channel Sampling





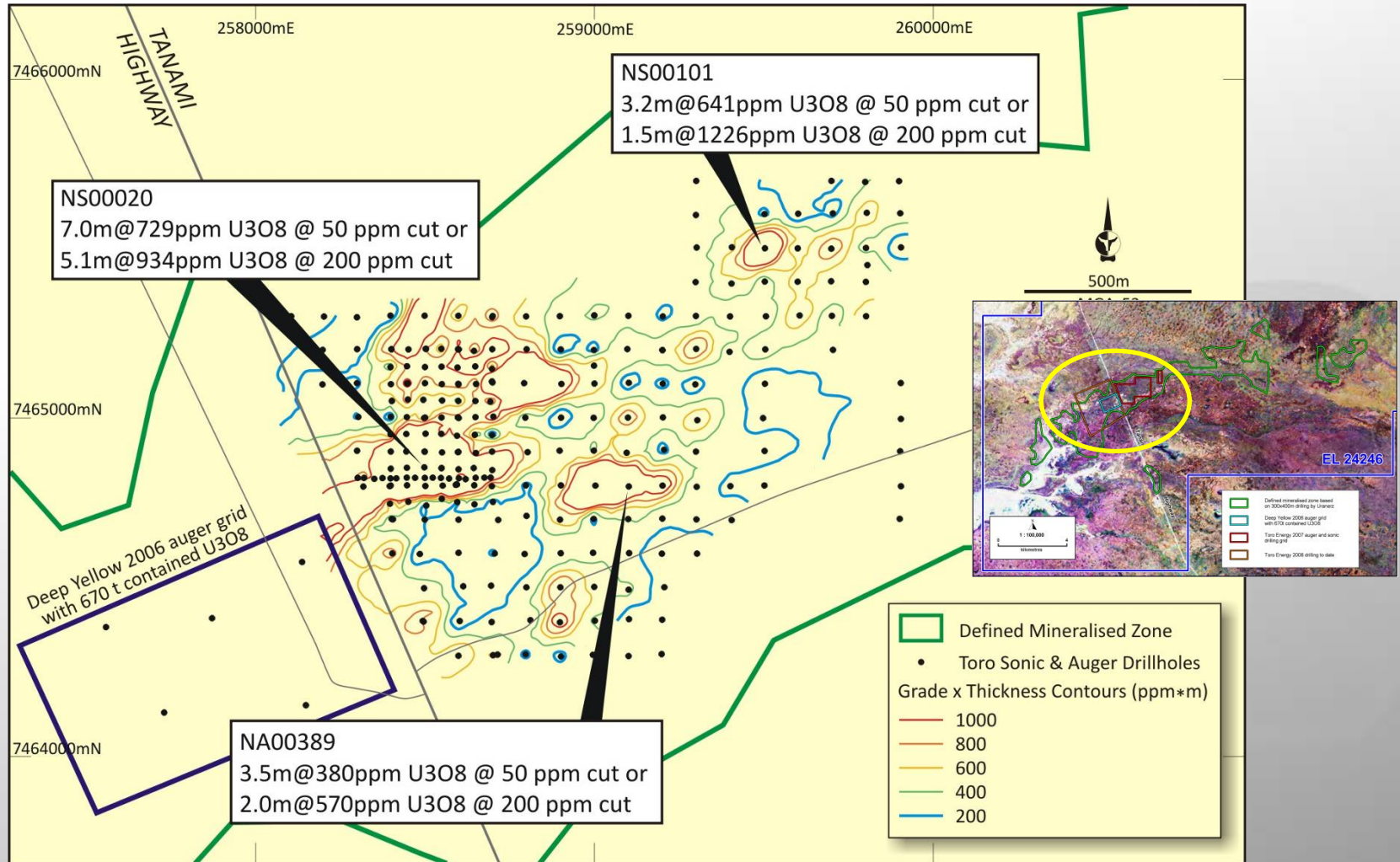
Sonic Drilling Rig - 2008



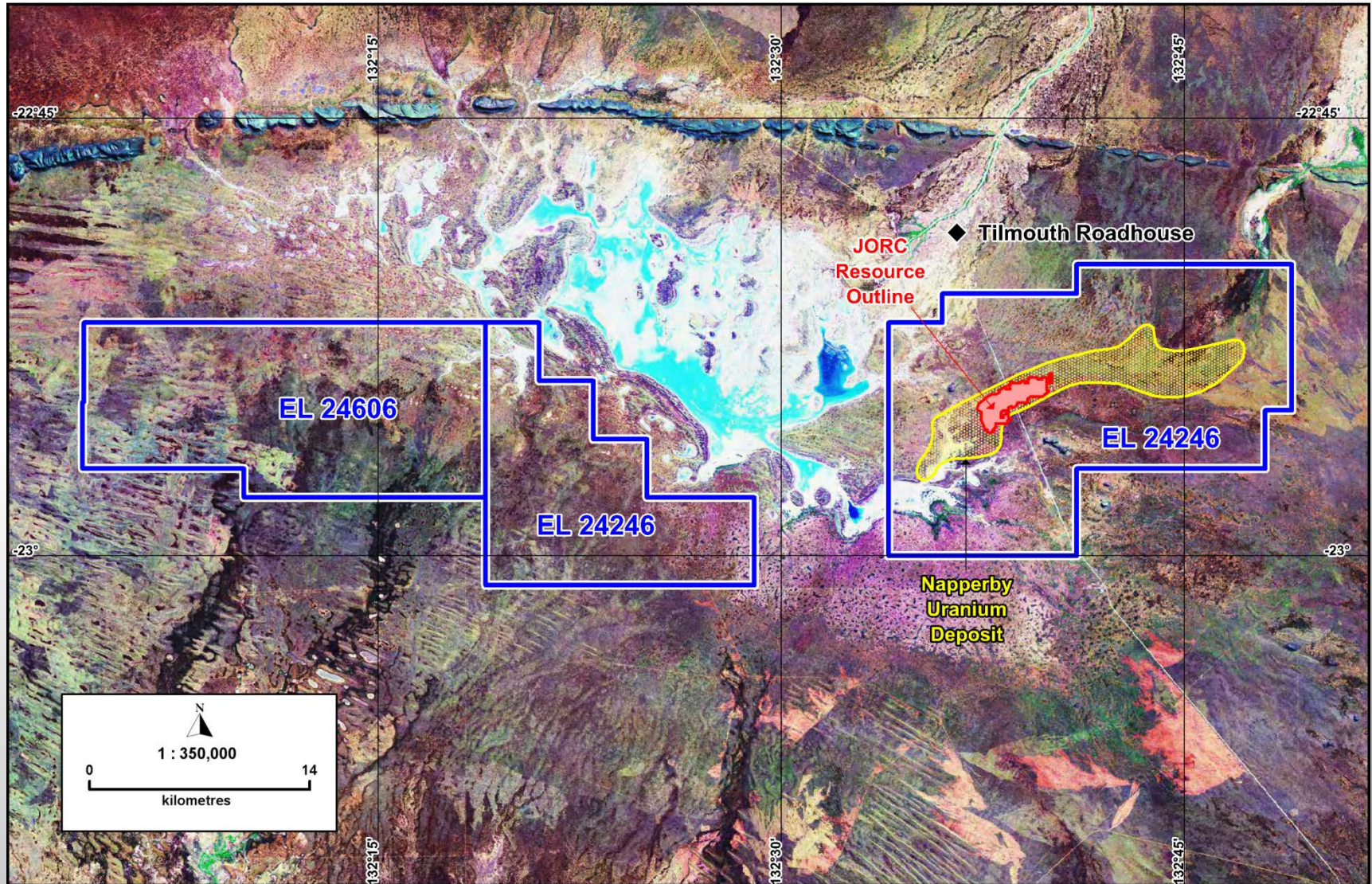
Sonic Cores ~PQ Size
100% Recovery



2008 – 2009 Drilling Results



Napperby Project - Resource Upside

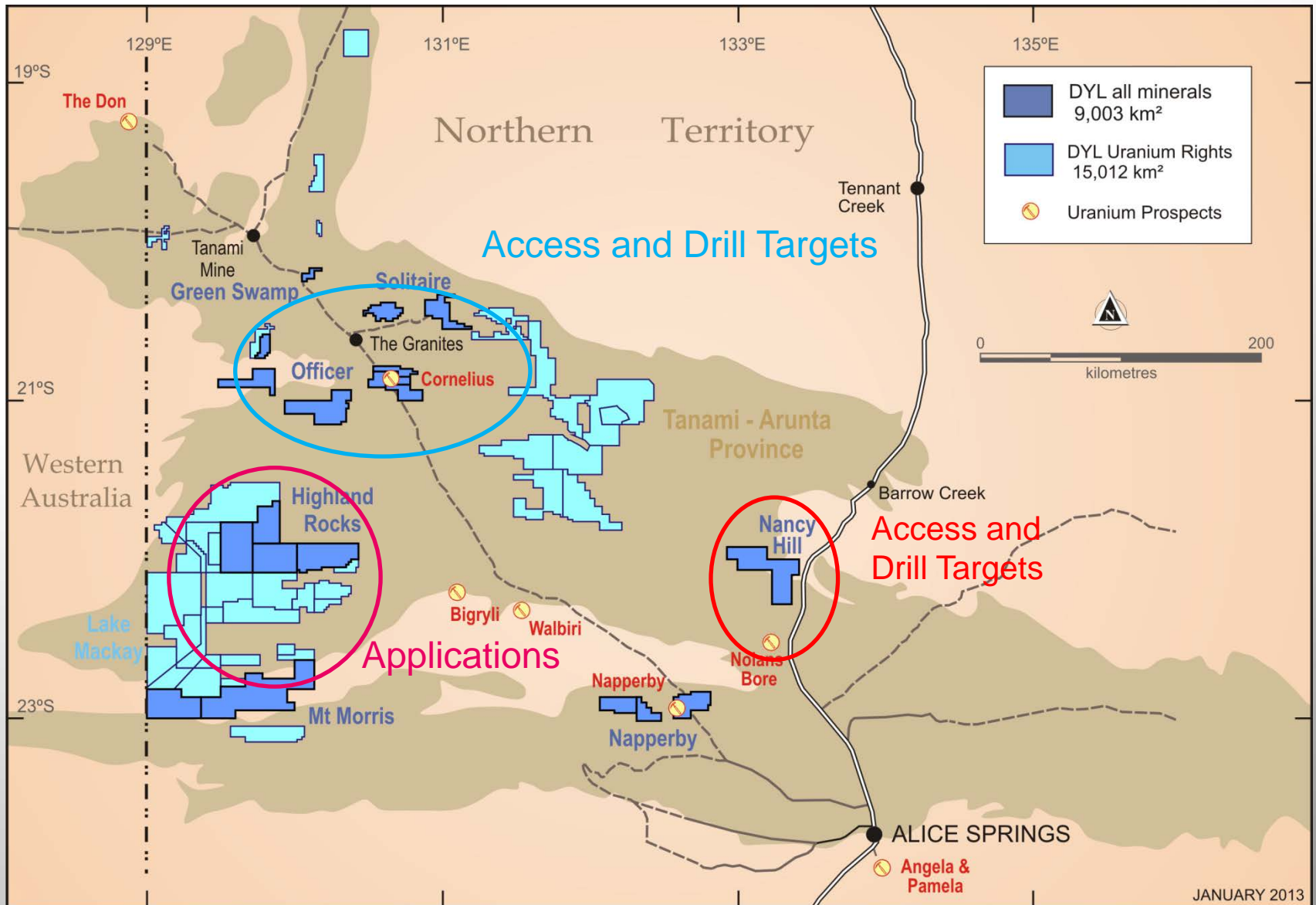




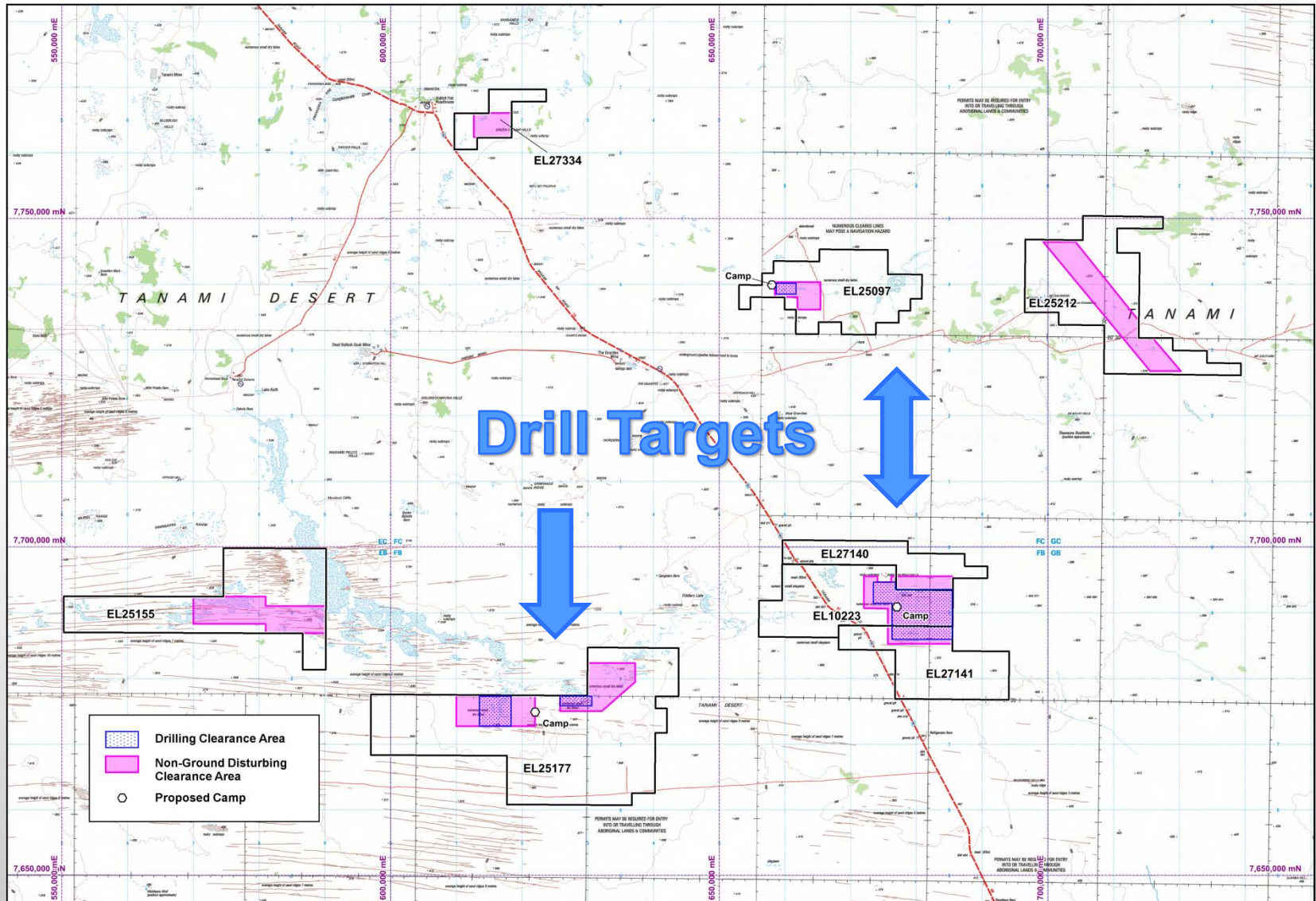
- ✿ Fully costed three Year Budget and Programme * for drilling and Scoping Study / PFS.
- ✿ Target 13 – 15 Mlbs U₃O₈.
- ✿ Native Title Agreement in place.
- ✿ Exploration infrastructure in place based at Tilmouth Well with secure facilities on-site.
- ✿ Experienced management team with project specific experience available for assistance to start-up exploration programme.
- ✿ Alice Springs base with office, store and yard - vehicles, downhole logging systems and equipment available.

** To take Resources to Measured and Indicated Category*

Drill Ready Projects



Officer – Solitaire Project

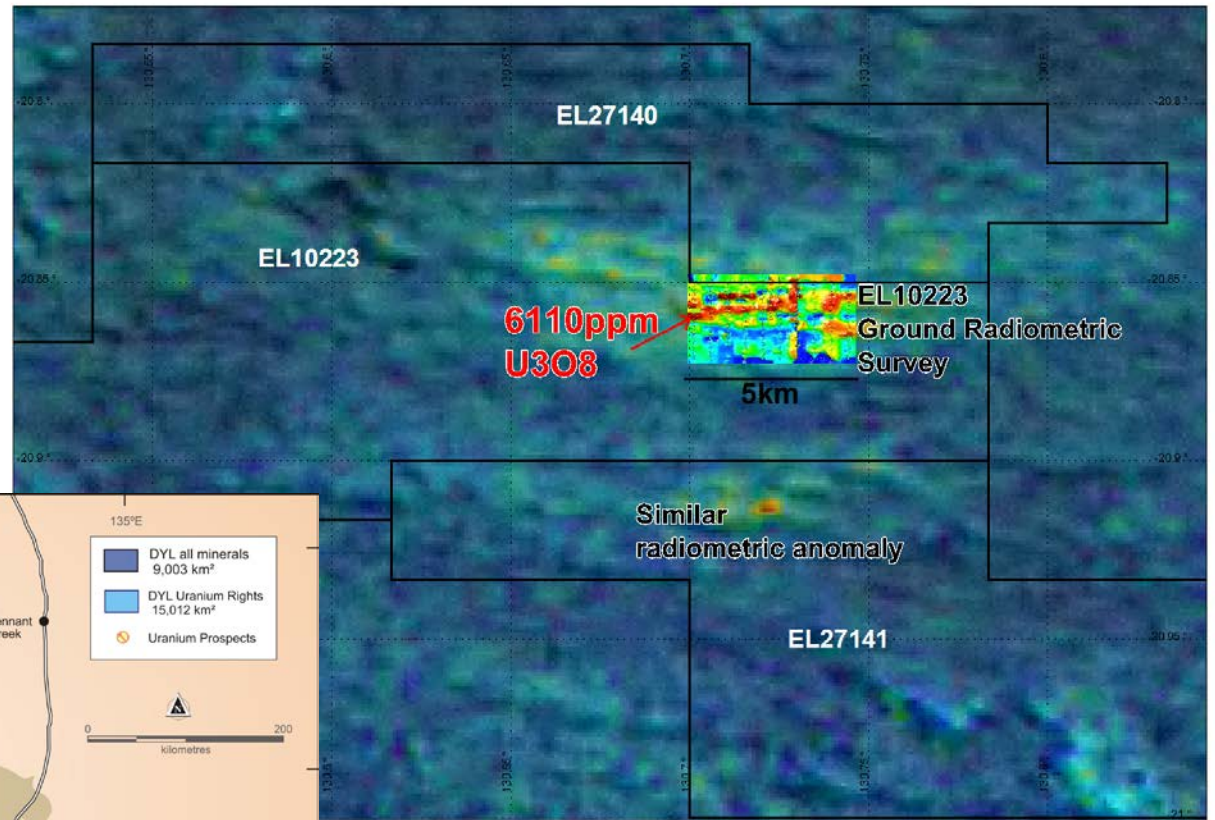
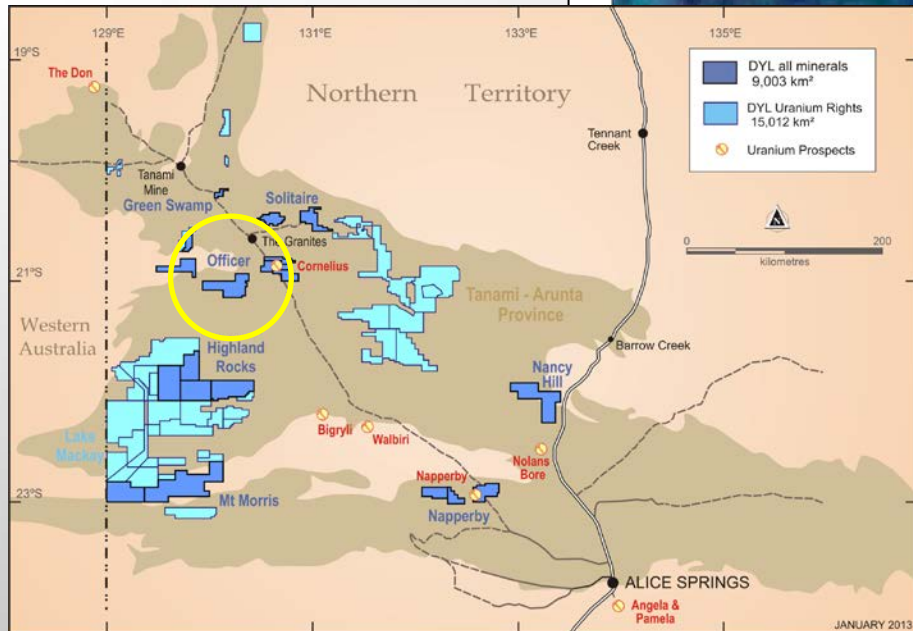


Officer – Radiometric Surveys



Airborne Data Image
U – Channel

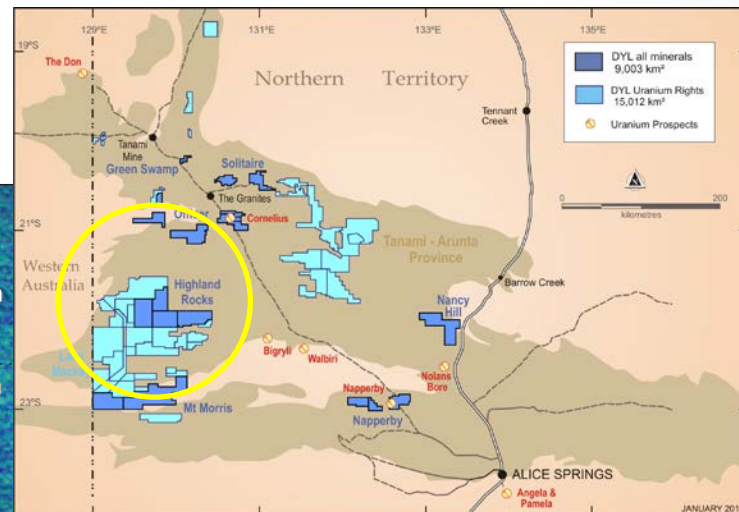
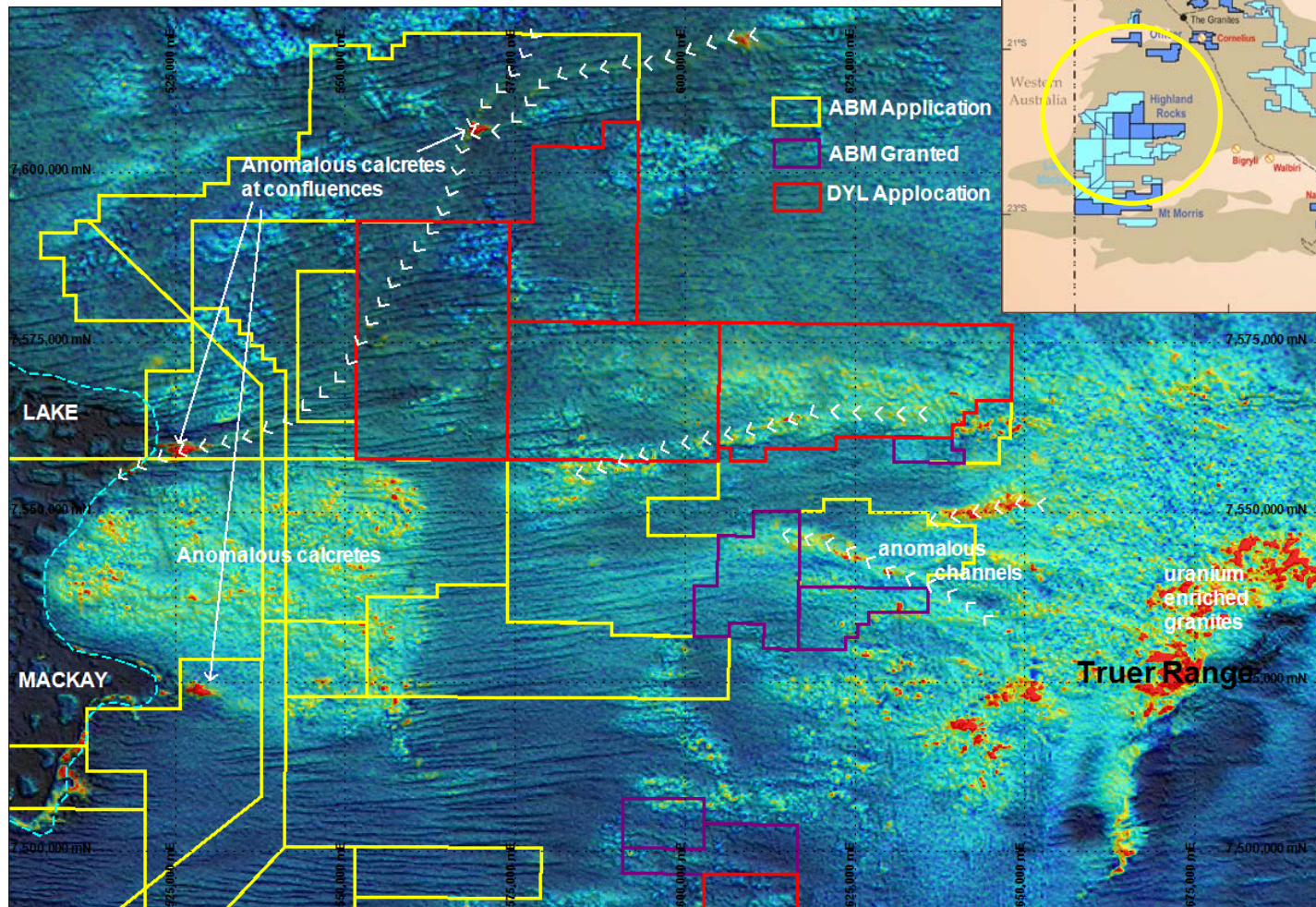
Detail Ground Survey
Insert



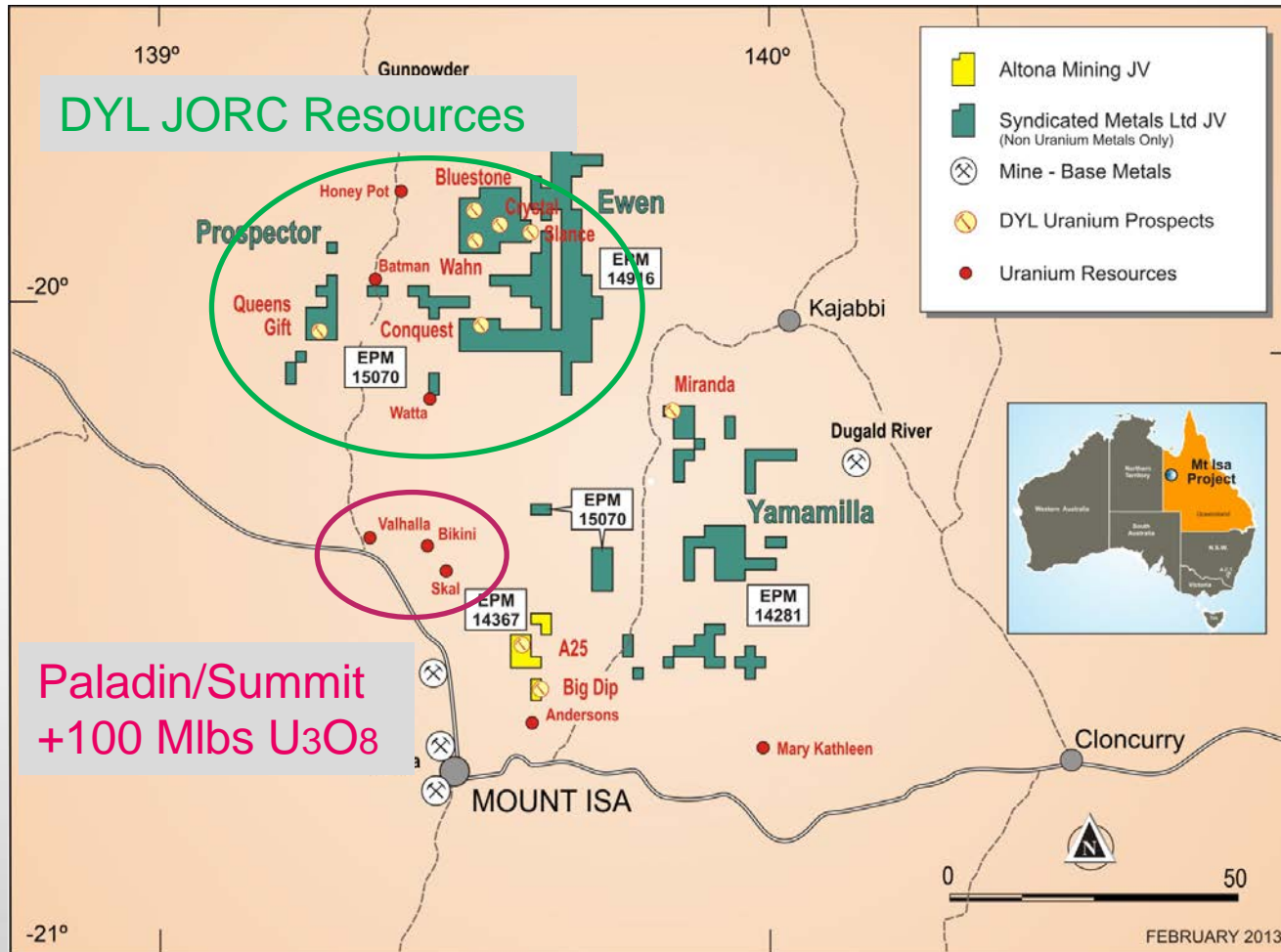
XRF Chemical Assay 6110ppm U₃O₈



Palaeochannel Targets Uranium Channel Image



Queensland Divestment



Mount Isa Project - Proterozoic Basement Hosted Metasomatic Uranium Mineralisation



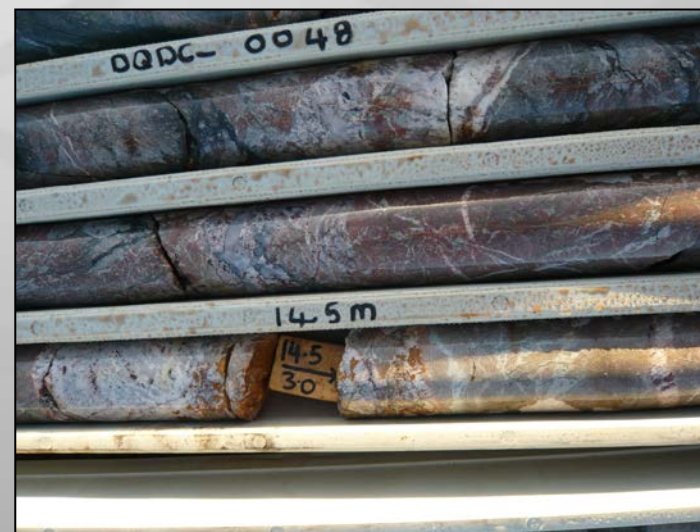
Mount Isa Project

Category	Tonnes	U ₃ O ₈ ppm	U ₃ O ₈ (t)	U ₃ O ₈ (Mlb)
ISA NORTH PROSPECT				
Queens Gift Prospect				
Inferred	430,000	430	180	0.4
Indicated	650,000	430	280	0.6
Slance Prospect				
Inferred	222,000	540	120	0.3
Indicated	510,000	620	320	0.7
Total Isa North				
Inferred	650,000	460	300	0.7
Indicated	1,160,000	510	590	1.3
TOTAL ISA NORTH RESOURCES	1,810,000	500	900	2

**300 ppm U₃O₈ cut-off*



RC Drilling Slance Prospect



Queens Gift – Hematite Breccia Mineralisation



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Executive Director

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JORC Compliance Statement



The information in this presentation that relates to Exploration Results is based on information compiled by Dr Leon Pretorius and Mr Martin Kavanagh, both Fellows of the Australasian Institute of Mining and Metallurgy. Dr Pretorius, previously Managing Director of Reptile Uranium Namibia (Pty) Ltd and Mr Kavanagh, Executive Director of Deep Yellow Limited, 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 Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'.

Dr Pretorius and Mr Kavanagh consent to the inclusion in this presentation of the matters based on their information in the form and context in which it appears.

The information in this presentation that relates to Northern Territory Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Martin Kavanagh, a Fellow of The Australasian Institute of Mining and Metallurgy. Mr Kavanagh is an Executive Director of Deep Yellow Limited and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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 Kavanagh consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.

The information in this report that relates to the Napperby Project Mineral Resource is based on information compiled by Mr Daniel Guibal who is a Fellow (CP) of the Australasian Institute of Mining and Metallurgy. Mr Guibal is a full time employee of SRK Consulting and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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 Guibal consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

The information in this presentation that relates to the Queensland Mineral Resource is based on information compiled by Mr Neil Inwood. Mr Inwood is a Member of The Australasian Institute of Mining and Metallurgy. Mr Inwood was employed by Coffey Mining Pty Ltd and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which 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 Inwood consents to the inclusion in this presentation of the matters based on his information in the form and context in which it appears.



Broad range of mining, technical and financial experience

Mervyn Greene
Chairman

- ✦ Over 20 years investment banking and entrepreneurial experience
- ✦ Formerly Morgan Stanley and London Partner of Namibian advisory firm IJG

Greg Cochran
Managing Director

- ✦ Over 25 years as a senior mining executive
- ✦ Formerly Terramin Australia, Uranium One, Mitsubishi and BHP Billiton

Martin Kavanagh
Executive Director

- ✦ Over 42 years geological experience
- ✦ Formerly Tanami Gold, Dominion Mining, Anaconda Australia and International Nickel

Gillian Swaby
Non-Executive Director

- ✦ Over 25 years financial and corporate administration experience
- ✦ Company Secretary and Board Member for Paladin Resources

Rudolf Brunovs
Non-Executive Director

- ✦ Chartered Accountant, full equity partner for over 27 years with Ernst & Young and predecessor companies
- ✦ 12 years as Managing Partner in Parramatta NSW and Perth WA

Christophe Urtel
Non-Executive Director

- ✦ 13 years investment banking and investment management experience with JP Morgan and Liberum Capital
- ✦ Investment advisor to Laurium Fund

Tim Netscher
Non-Executive Director

- ✦ Experienced senior mining executive
- ✦ Currently Managing Director at Gindalbie Metals, formerly Newmont Mining, Vale, PT Inco, QNI, Impala Platinum and Billiton

Mark Pitts
Company Secretary

- ✦ Chartered Accountant with over 20 years experience
- ✦ Partner in the advisory firm Endeavour Corporate



Supplementing proven operational delivery with a broader capability

Peter Christians
Country Manager

- ✿ Mining engineer with over 30 years international mining experience
- ✿ Worked in the USA, Southern and West Africa and Australia
- ✿ Extensive uranium experience including 15 years at Rössing Uranium, Bannerman and ARMZ/Uranium One

Klaus Frielingsdorf
General Manager

- ✿ Chemist with over 20 years experience in process and operations management
- ✿ Formerly Council Scientific Industrial Research (RSA) and Walvis Bay Salt Refiners
- ✿ Uranium experience at Langer Heinrich Uranium

Katrin Kärner
Exploration Manager

- ✿ Geologist with over 13 years experience
- ✿ Previously with Optiro Consultants and Paladin Energy in Australia
- ✿ Namibian experience at Langer Heinrich Uranium and Skorpion Zinc

Ursula Pretorius
Financial Controller

- ✿ Over 20 years financial management experience within mining and private security industries
- ✿ Associate member of the Institute of Chartered Secretaries and Administrators (ICSA) and Chartered Secretaries Australia (CSA)
- ✿ Formerly Finstone SA (Pty) Ltd