

# **Corporate Strategy**



# "to create shareholder value via discovery or acquisition & development of Tier 1 uranium deposits..."

### Through:

- Effective use of pre-competitive Government supplied data to rank opportunities (radiometrics, aeromagnetics, mapping).
- Early identification of emerging uranium Provinces.
- Gaining first mover advantage by acquiring the most prospective land.
- Discovering & developing large, high grade, low cost "Tier 1" uranium deposits.
- Working constructively with stakeholders & using world's best practice.

# **Investment Opportunity**



### **First-Class Assets**

- •Five 100% owned uranium exploration projects with "Tier 1" potential, located in Western Australia.
- **Low-sovereign risk jurisdiction with uranium mines in development.**

### **First-Class Team**

•Experienced management and skilled technical team, identifying projects with potential and testing them to maximise value.

### **First-Class Opportunity**

- Strong support from China.
- Anticipated strong uranium market with supply gap emerging.



### **Capital Structure & Management**



CAPITAL STRUCTURE		
Share Price (19 March2015)	A\$	0.032
Shares on Issue	#	76.81m
Options on Issue	#	Nil
Market Capitalisation	A\$m	\$2.46m
Cash **	A\$m	\$1.29m
Debt	A\$m	Nil
Enterprise Value**	A\$m	\$1.17m

MANAGEMENT	
Ms Anna Mao	Non-Exec Chairperson
Dermot Ryan	<b>Executive Director</b>
Dr Zhen Huang	Non-Exec Director
Bill Robertson	Non-Exec Director
ASX: "ENU"	

#### **INVESTMENTS**

**Energia Minerals Ltd** 

~8.5m EMX shares @ 5.2\* cps, ~ \$0.442M\*

An experienced Board & senior management team with extensive operating and exploration experience

<sup>\*</sup> at 19 March 2015

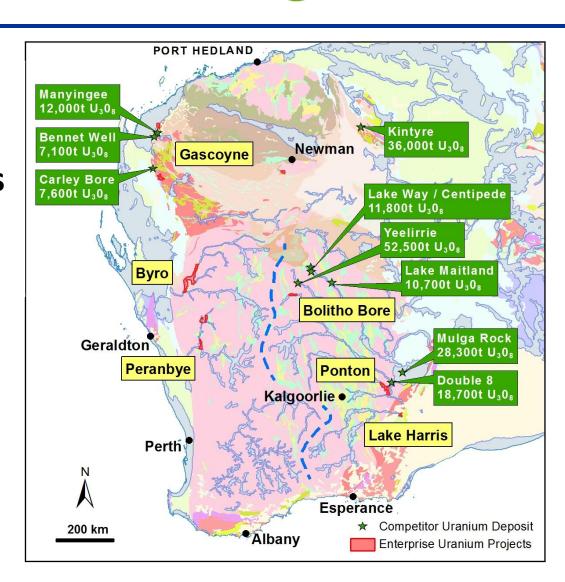
<sup>\*\*</sup> at 31 December 2014

### **ENU Projects**



Gascoyne Bolitho
Byro Ponton
Yalgoo Lake Harris
Peranbye

Prospective for calcrete and palaeochannel hosted uranium deposits



# **Preferred Target Style**



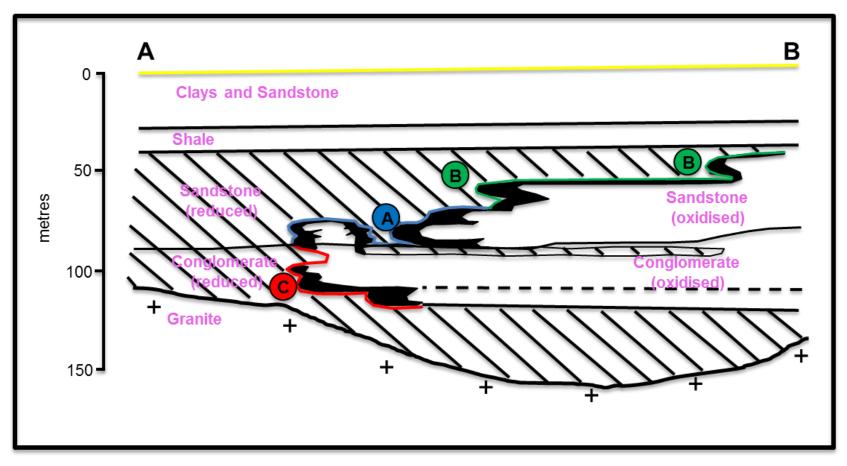
#### SAND HOSTED URANIUM DEPOSITS

- 18% of world uranium resources
- 7% of Australia uranium resources , "...a lot more to be found..."
- Occur as extensive sheet-like bodies or within palaeo-channels
- Grades ranging from 0.05% (500ppm) to 0.40% (4,000ppm) U<sub>3</sub>O<sub>8</sub>
- Mineralisation fine-grained, reduced uranium species (readily soluble)
- Amenable to Insitu Recovery (ISR)
- Low capital and operating cost and environmentally acceptable



# Sand Hosted (ISR) Model





**Conceptual Long Section of Manyingee Deposit** 

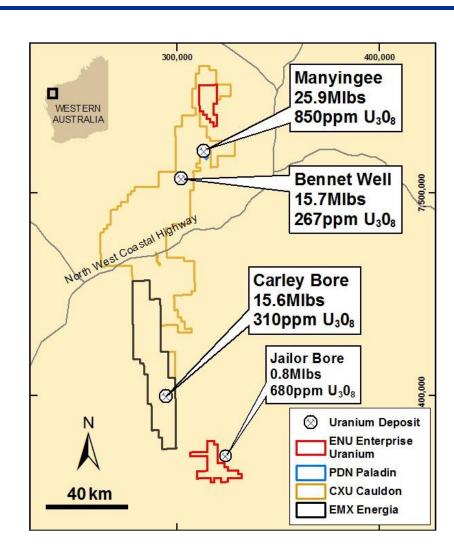


# **Gascoyne / Carnarvon Basin**

### KNOWN URANIUM PROVINCE

- Manyingee Deposit
- Bennet Well Deposit
- Carley Bore Deposit
- Jailor Bore Deposit

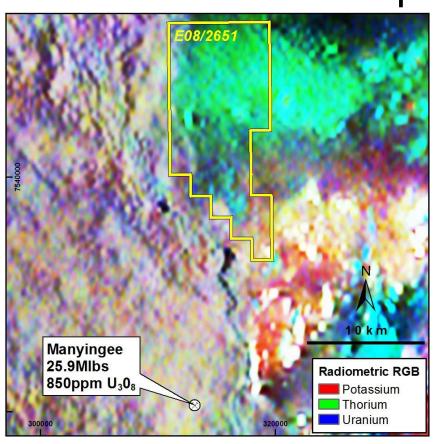
**ENU** establishing a presence





# **Gascoyne / Carnarvon Basin**

# **ENU Spinifex Well**



E08/2651 Manyingee 25.9Mlbs 850ppm U<sub>3</sub>0<sub>8</sub>

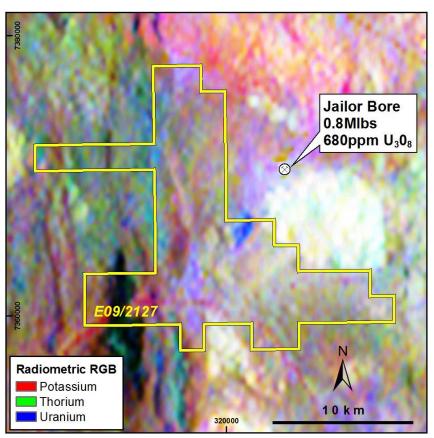
Radiometric RGB Image

Regional Geology

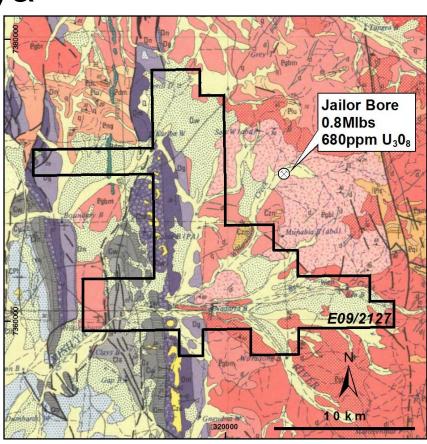


# **Gascoyne / Carnarvon Basin**

# **ENU Minilya**



Radiometric RGB Image



Regional Geology

### **Byro Project**



#### **Uranium Source**

Radioactive granites in catchment

### **Transport**

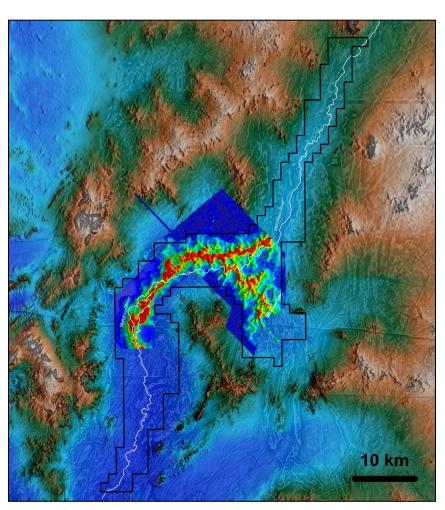
 Major dry river bed with large catchment

#### **Economic Models**

- Uranium deposited in sands
- Uranium deposited in calcrete

### **Large Land Holding**

 > 90 km length of anomalous surficial uranium

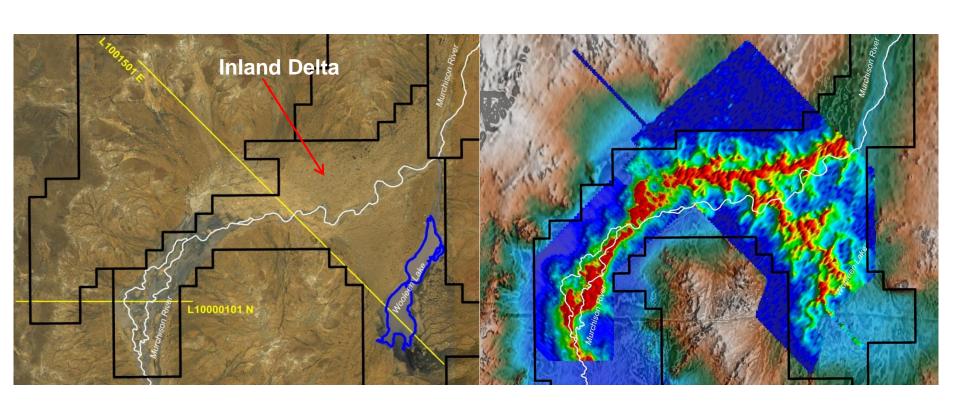


AEM and HEM Mid – Time Channel Amplitude over DTM

# **Byro Project**



### **Inland Delta**



**Google Earth Imagery** 

Late Time Channel AEM data & New HeliTEM data over DTM

# **Byro Project**

200 RL

100 RL

Section

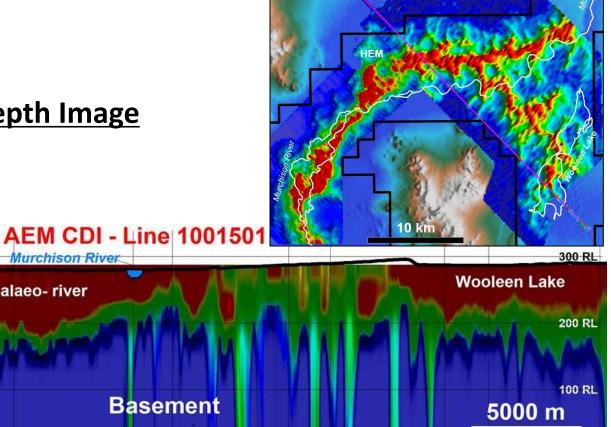


**AEM Conductivity Depth Image** 

Murchison River

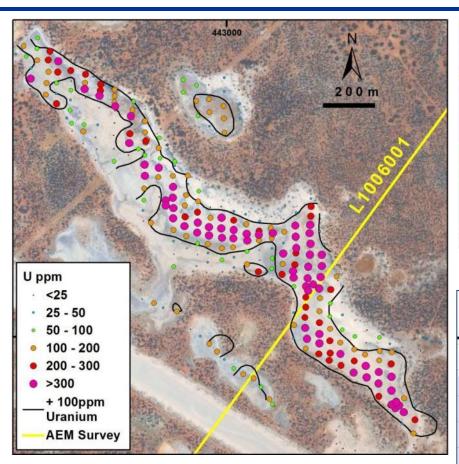
**Basement** 

Palaeo- river



### **Peranbye Project**





Line 1006001

Palaeochannel

200

Conductivity Depth Image cross section

Archaean Basement

Plan of uranium (red) over topography

Hot Chocolate Prospect
Plan of eU,O, values on satellite image

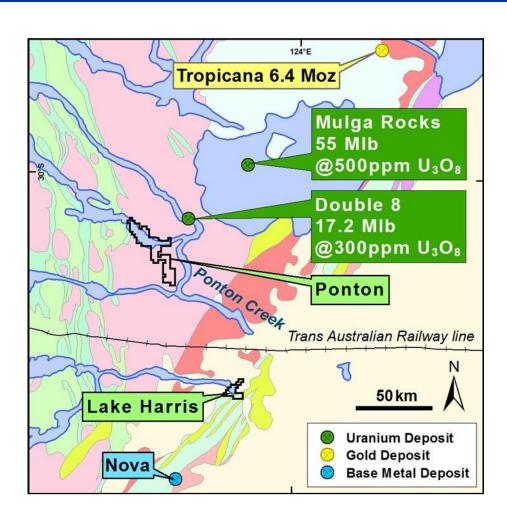
### **Ponton & Lake Harris Projects**



### **KNOWN URANIUM PROVINCE**

- Mulga Rocks Deposits
- Double 8 Deposits

**ENU has established position** 



Regional Geology

### **Ponton Project**



#### **Uranium Source**

Radioactive Archaean granites

### **Transport**

Major river system with huge catchment

#### **Economic Models**

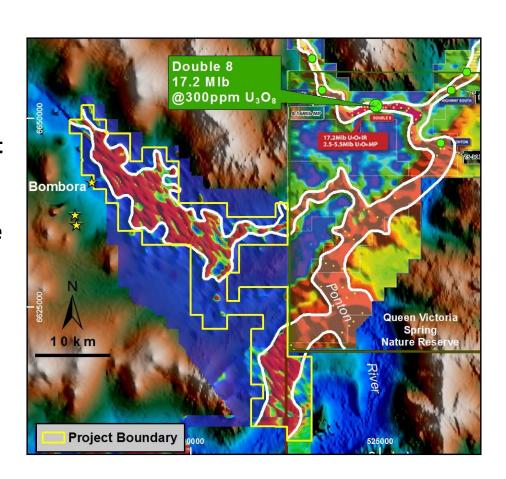
Uranium deposition in Sand/Sandstone

#### **Known Uranium Province**

- Mulga Rocks Deposits 62 Mlbs
- Double 8 Deposits 17 Mlbs

### **Large Land Holding**

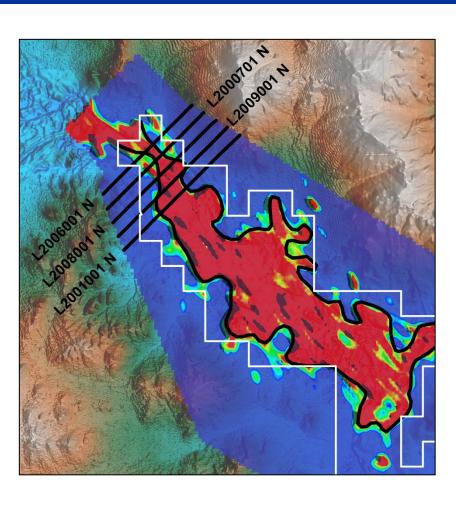
• > 50 km length of prospective drainage

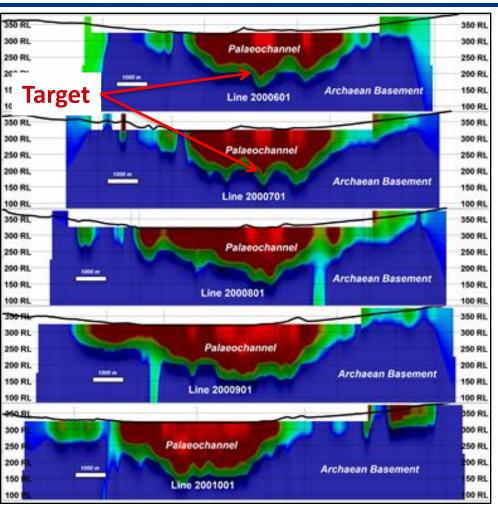


**AEM Channel 15 over topography** 

### Ponton AEM & CDI's







**AEM Channel 15 over topography** 

**Conductivity Depth Image cross section** 

### **Lake Harris Uranium**



#### **Uranium Source**

• Radioactive Archaean granites

### **Transport**

 Major river system with huge catchment

#### **Economic Model**

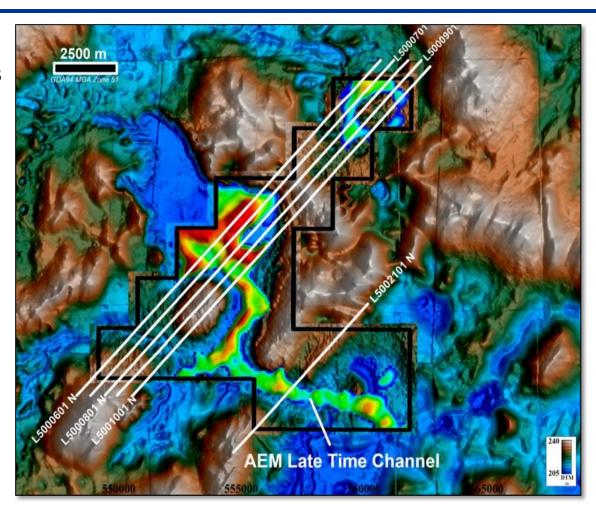
 Uranium deposition in Sand/Sandstone

#### **Known Uranium Province**

- Mulga Rocks Deposits
- Double 8 Deposits

#### **Tenement**

• 76 km<sup>2</sup> of tenements

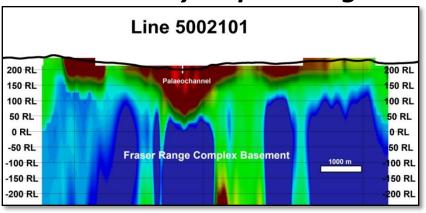


Plan of topography and AEM Channel 15

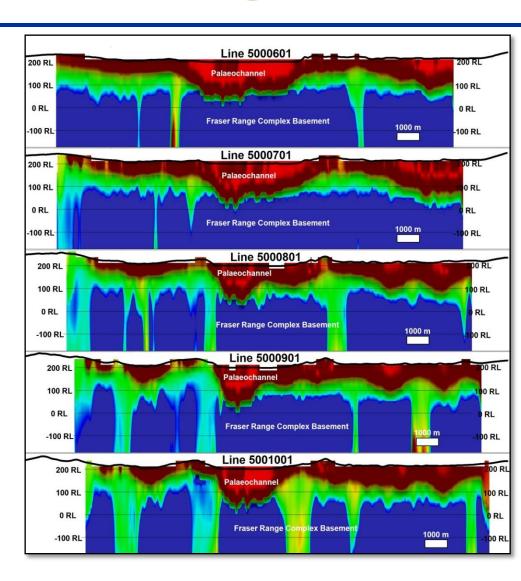
### **Lake Harris AEM**



### **Conductivity Depth Images**

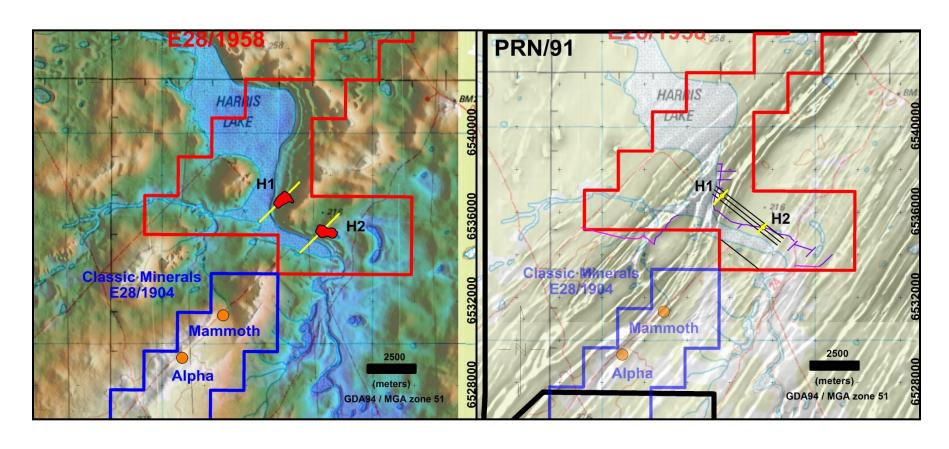






# Lake Harris Nickel/Copper





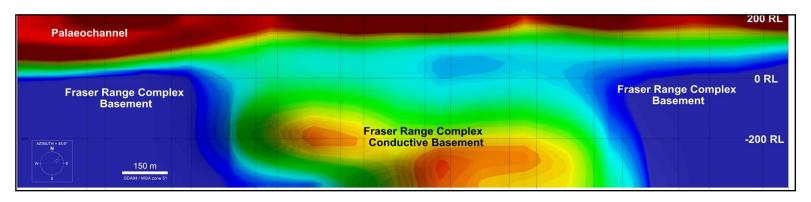
Plan of topography & AEM basement conductors

**VD1** Magnetic Image

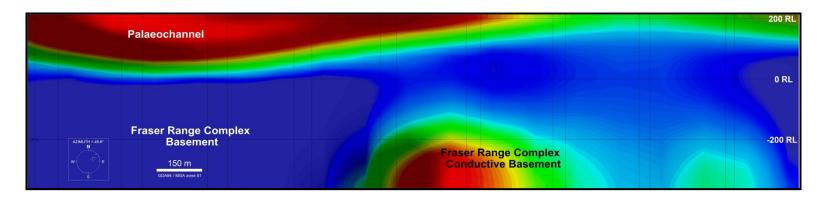
# Lake Harris Ni/Cu CDI's



### **AEM H1**

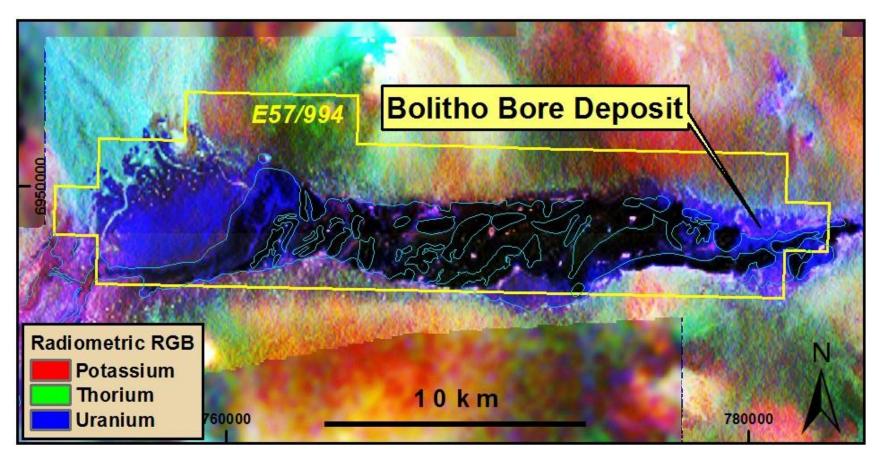


### **AEM H2**



# **Bolitho Project**

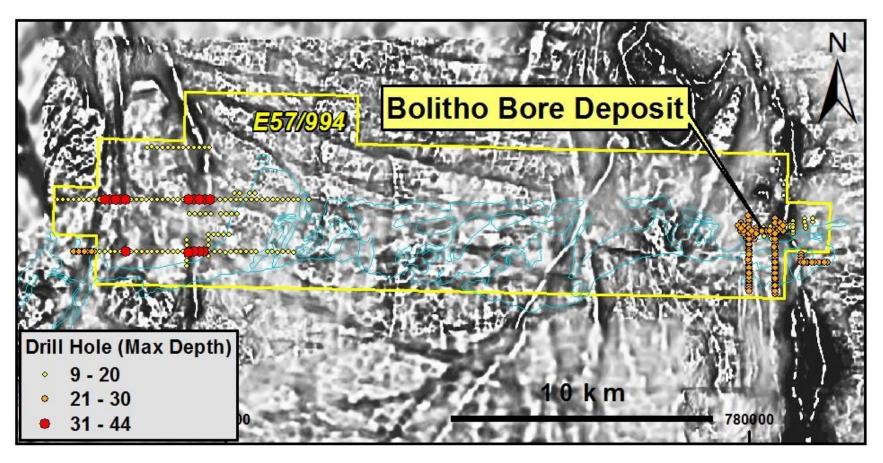




RGB Radiometric Image - Uranium concentration associated with greenstone belt

# **Bolitho Project**





1<sup>st</sup> VD magnetic Image - Historic shallow drilling for calcrete type deposits

## **Summary**



- Enterprise is using extensive, free, Western Australian government provided pre-competitive data to identify new exploration projects and opportunities.
- High grade mineralisation at or near surface.
- Improved Airborne EM technology being used to map palaeo-channels along ancient river valleys.
- Low-sovereign risk jurisdiction with uranium mine in development.
- Experienced management and skilled technical team, undertaking project generation and prospect testing to maximise discovery.



# **Important Information**



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- •The information in this presentation that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dermot Ryan, a Fellow of the Australasian Institute of Mining & Metallurgy. Dermot Ryan is an employee of consulting company Xserv Pty Ltd and Director of the Company.
- •Dermot Ryan 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 2012 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Dermot Ryan consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.