

# 26 November 2014 Annual General Meeting Presentation



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## "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.



## **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			MANAGEMENT	
Share Price (25 Nov2014)	A\$	0.033	Ms Anna Mao	Non–Exec Chairperson
Shares on Issue	#	76,811,197	Dermot Ryan	Executive Director
Options on Issue	#			
Market Capitalisation	A\$m	\$2.53m	Dr Zhen Huang	Non–Exec Director
Cash **	A\$m	\$1.159m	Bill Robertson	Non–Exec Director
Debt	A\$m	Nil		
Enterprise Value**	A\$m	\$1.4m	ASX: "ENU"	

#### **INVESTMENTS**

**Energia Minerals Ltd** 

~28.2m EMX shares @ 3.1\* cps, ~ \$0.874M\*

\*at 26 Nov 2014

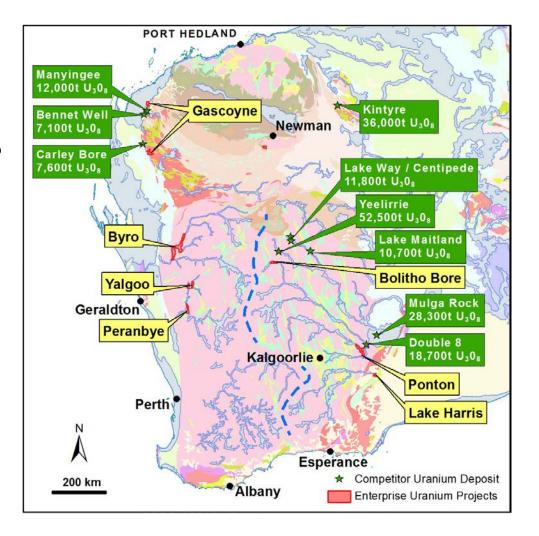
\*\* at 30 October 2014

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



Gascoyne Bolitho Byro Ponton Yalgoo Lake Harris Peranbye

Prospective for calcrete and palaeochannel hosted uranium deposits



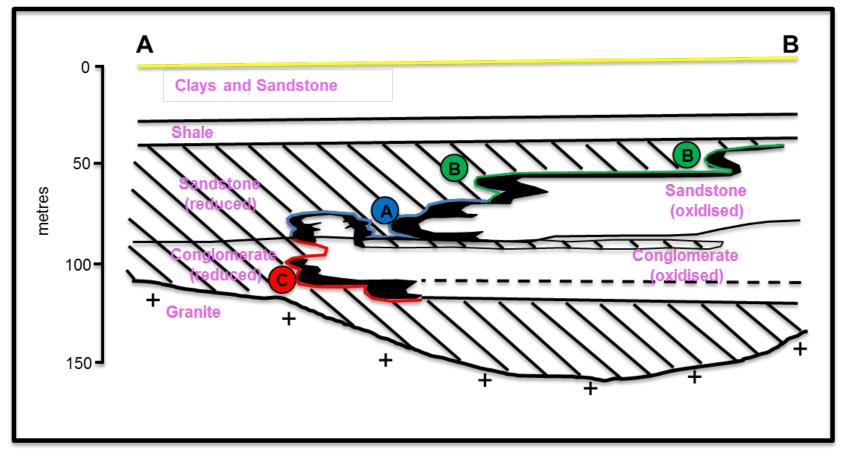


### SAND HOSTED URANIUM DEPOSITS

- 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)  $U_3O_8$
- Mineralisation fine-grained, reduced uranium species (readily soluble)
- Amenable to Insitu Recovery (ISR)
- Low capital and operating cost and environmentally acceptable







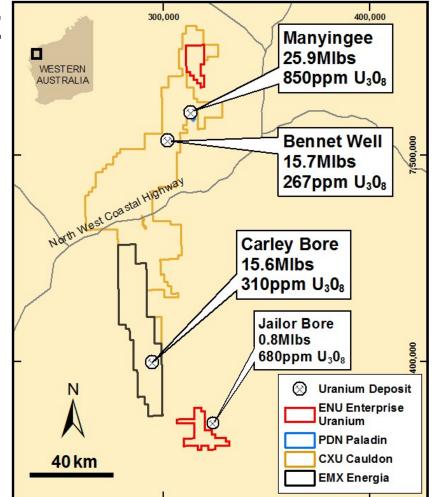
#### **Conceptual Long Section of Manyingee Deposit**

## **Gascoyne / Carnarvon Basin**



- Manyingee deposit
- Bennet Well deposit
- Carley Bore deposit
- Jailor Bore deposit

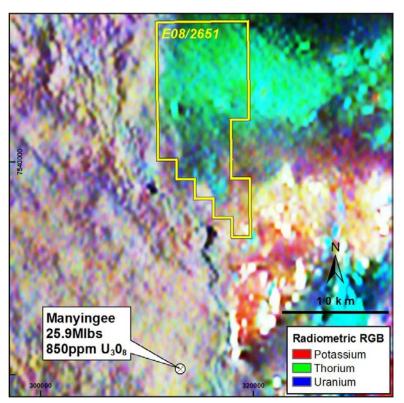
**ENU** establishing a presence



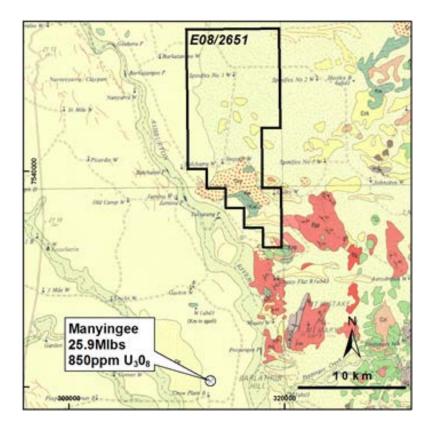




### **ENU Spinifex Well Application**



### Radiometric RGB Image

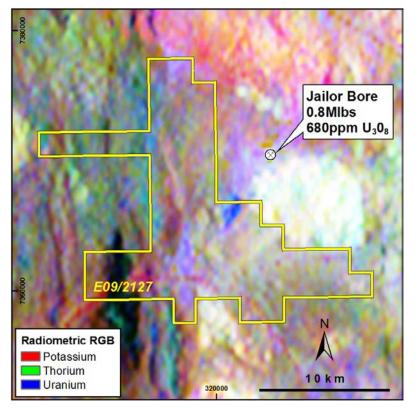


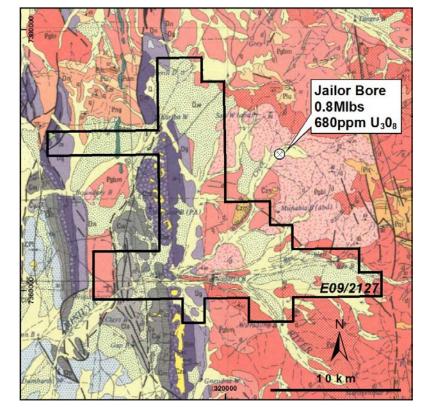
### **Regional Geology**



## **Gascoyne / Carnarvon Basin**

### **ENU** Minilya Application





### **Regional Geology**

### Radiometric RGB Image

## **Byro Project**



#### **Uranium Source**

• Radioactive granites in catchment

#### **Transport**

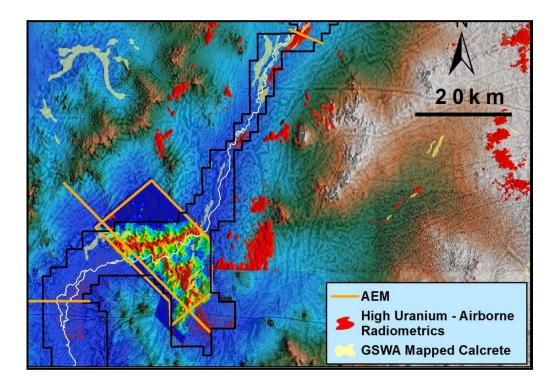
 Major dry river bed with large catchment

#### **Economic Models**

- Uranium deposited in sands
- Uranium deposited in calcrete

### Large Land Holding

 > 90 km length of anomalous surficial uranium

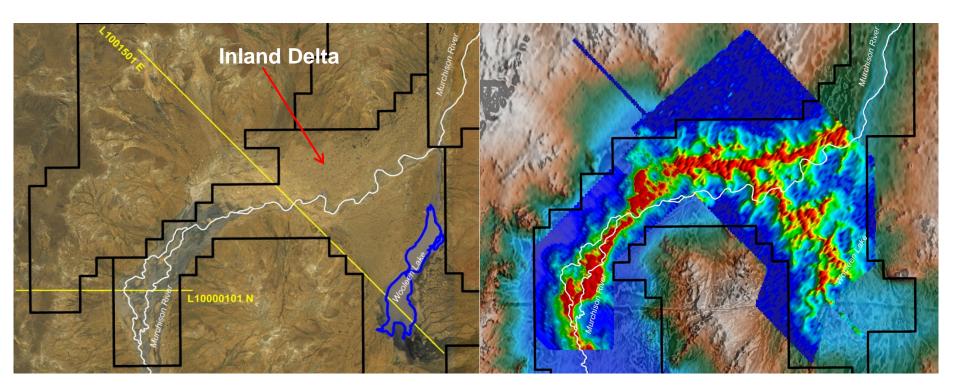


High Clip Uranium(Red) over Topography and AEM Channel 15

# **Byro Project**



## **Inland Delta**

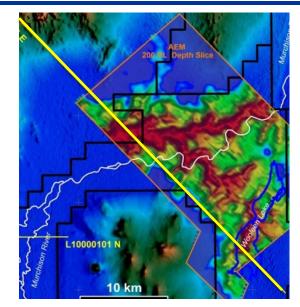


#### Google Earth Imagery

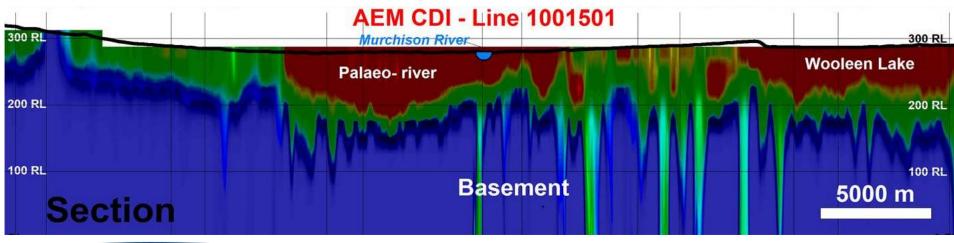
Late Time Channel AEM data & New HeliTEM data over DTM

# **Byro Project**



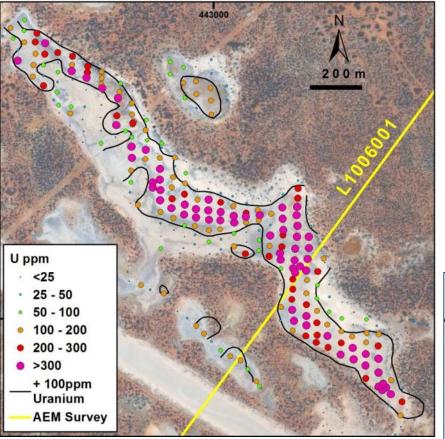


## **AEM Conductivity Depth Image**

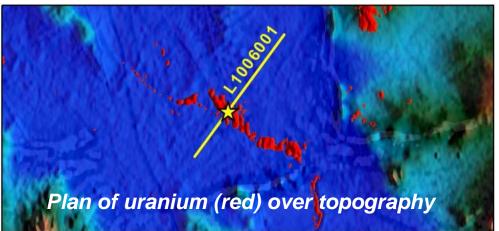


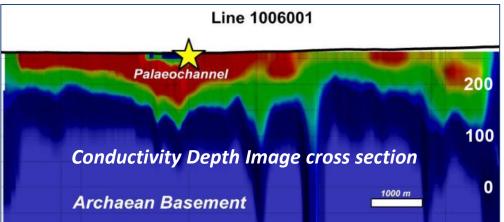
## **Peranbye Project**





Hot Chocolate Prospect Plan of eU<sup>o</sup>, values on satellite image





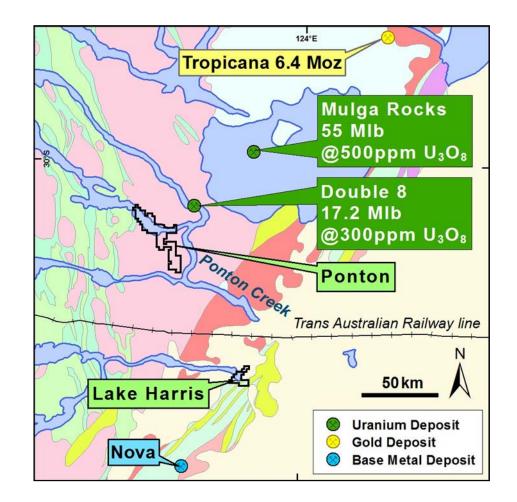




### **KNOWN URANIUM PROVINCE**

- 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**

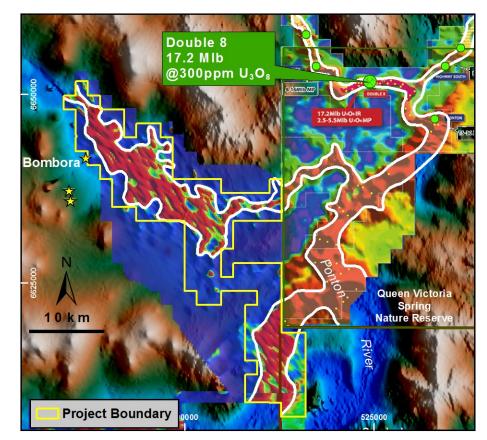
• Uranium deposition in Sand/Sandstone

### Known Uranium Province

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

### Large Land Holding

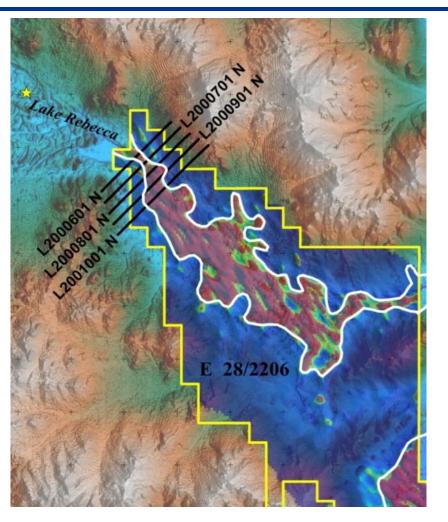
• > 50 km length of prospective drainage



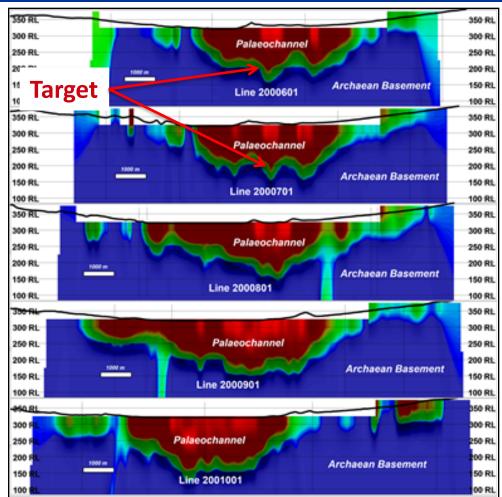
AEM Channel 15 over topography

## 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

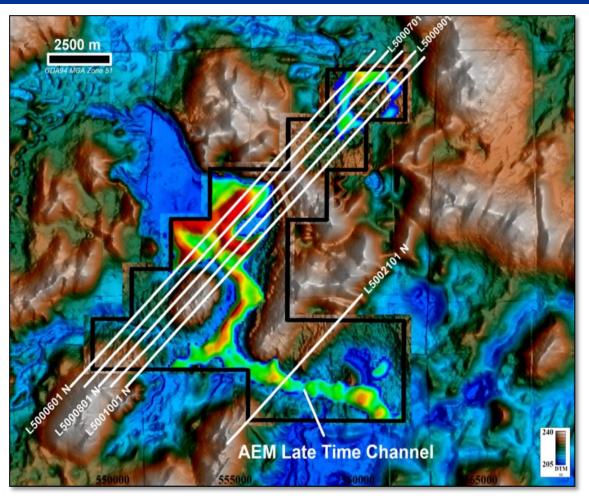
### Known Uranium Province

- Mulga Rocks Deposits
- Double 8 Deposits

### <u>Tenement</u>

• 76 km<sup>2</sup> of tenements





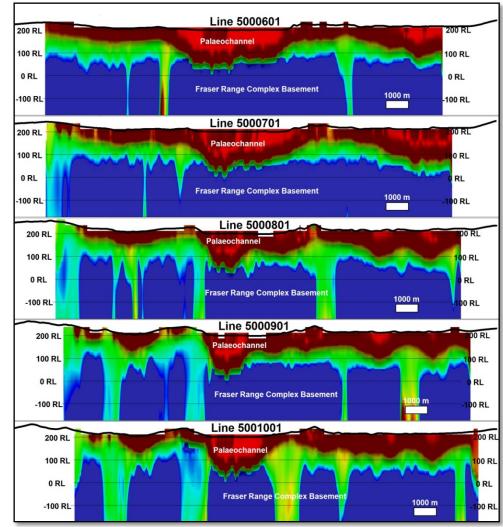
Plan of topography and AEM Channel 15

## Lake Harris AEM



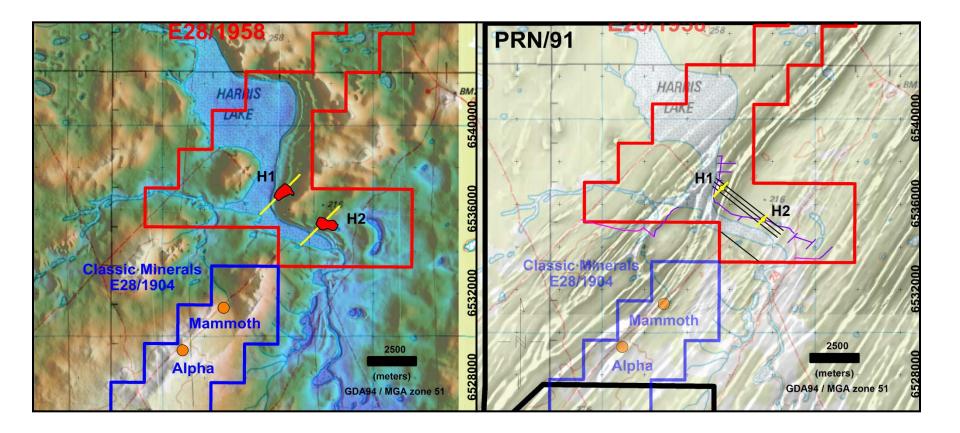
#### **Conductivity Depth Images** Line 5002101 200 RL 00 RL Palaeochannel 50 RL 150 RL 100 RL 100 RL 50 RL 50 RL 0 RL 0 RL -50 RL 50 RL Fraser Range Complex Basement -100 RL 1000 m 00 RL 50 RL -150 RL 200 RL -200 RL





## Lake Harris Nickel/Copper





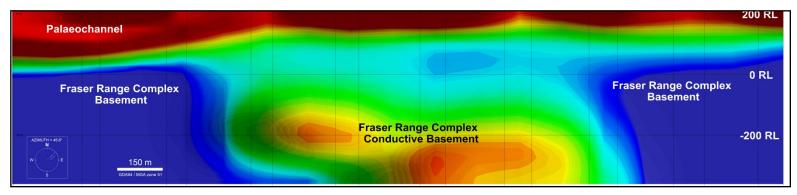
Plan of topography & AEM basement conductors

VD1 Magnetic Image

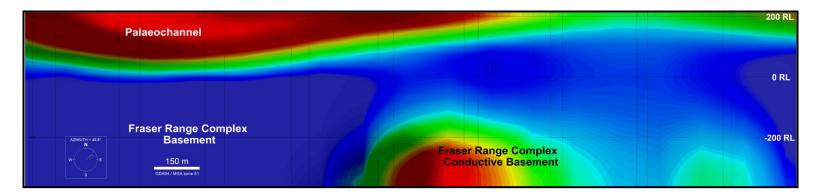
## Lake Harris Ni/Cu CDI's



## AEM H1

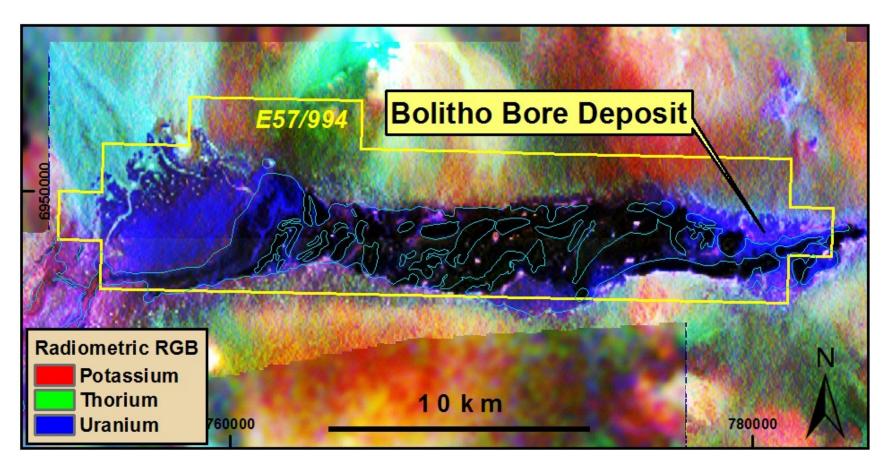


## AEM H2



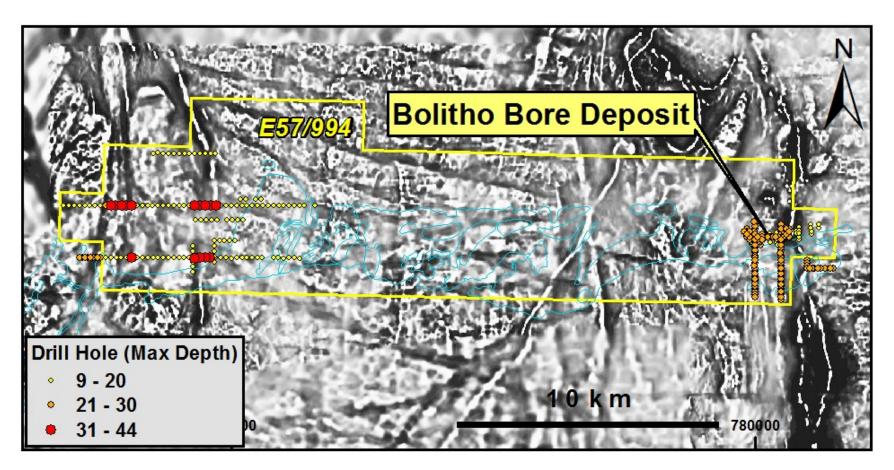
**Conductivity Depth Images (CDI's)** 





RGB Radiometric Image - Uranium concentration associated with greenstone belt





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**



#### Disclaimer

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#### **Competent Persons Statement**

- 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.