



Resources Rising Stars – Gold Coast

David McSweeney, Executive Chairman

Overview

- ▶ Listed on ASX March 2007 – \$3.5M IPO
- ▶ Focus on uranium, gold and base metals
- ▶ Uranium:
 - 1,400 km² – Pilbara
 - 800 km² – Kimberley
 - 1,152 km² – Yilgarn
- ▶ Base metals and gold:
 - zinc at Lennard Shelf, West Kimberley (WA)
 - copper, gold and zinc in the Pilbara (WA)
 - base metals, gold and uranium at Empress Springs (QLD)

Avalon Minerals Ltd – Corporate

Directors

David McSweeney – *Managing Director*

20 years resource sector experience, founding Managing Director of Gindalbie Metals Ltd, non-executive Director – Dynasty Metals Ltd

Stephen Stone – *Director*

28 years experience, former Executive Chairman – Apex Minerals NL, non-executive Chairman – Azumah Resources Ltd, Director – Encore Metals NL

Gary Steinepreis – *Director*

Chartered Accountant, Director – Toodyay Resources Ltd, Gawler Resources Ltd, RMG Ltd, WAG Ltd and Signature Brands Ltd

Management

Des Kelly – *Company Secretary*

Our Extended Team

Exploration Management

- 🚧 CSA Australia – Zinc experts/
Lennard Shelf expertise
- 🚧 Digirock – Geologists and logistics
- 🚧 Geoff Hewlett – Chief Geologist
- 🚧 Walter Witt – Consulting Geologist
- 🚧 Phil Kimber – Empress Springs
Geologist



Avalon Minerals Ltd – Corporate

ASX Code:	AVI
Fully paid Shares on issue:	44 million
Unlisted options:	11 million
Market Cap:	\$8.8m
Top 20 Shareholders:	63.4%
Directors & Management	15.5%
Sinom Group of China	3.41%
Cash	\$2.7m

Top 10 Shareholders

	Ordinary Shares Held	% of Issued Capital
Gregory Wayne Down	5,000,000	11.36
David Mcsweeney	5,000,000	11.36
David Donald Boyer	4,000,000	9.09
Baracus Pty Ltd	2,000,000	4.55
Sinom (Hong Kong) Limited	1,500,000	3.41
Derek Steinepreis	1,330,000	3.02
Craig Ian Burton	1,250,000	2.84
Brookman Resources Pty Ltd	1,100,000	2.50
David Christian Steinepreis	1,056,250	2.40
Gary Steinepreis	750,000	1.70

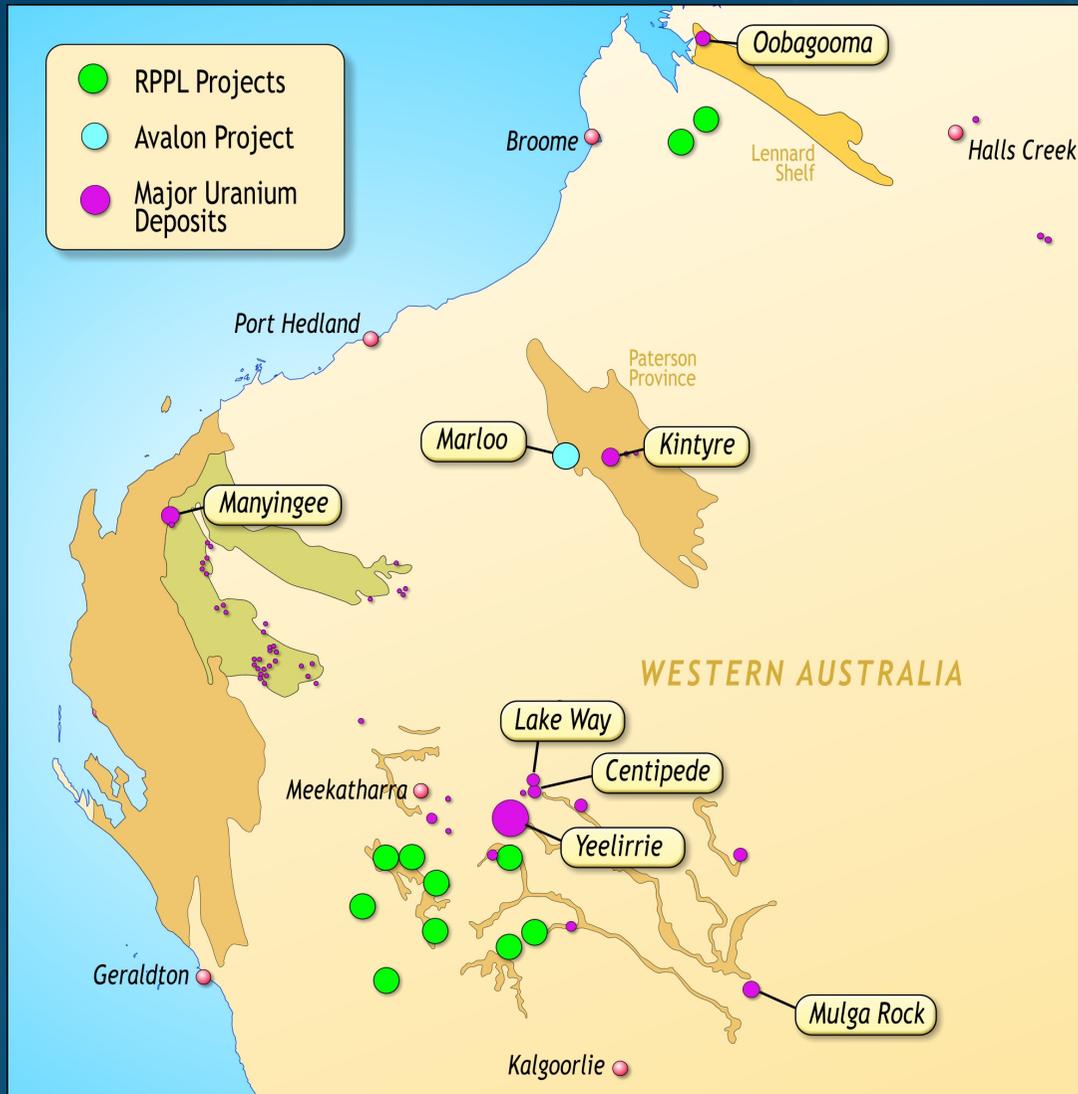
Australian Project Locations



Uranium Overview

- ▶ Start of a new era for uranium
- ▶ New discoveries in Australia and overseas
- ▶ WA politics likely to change
- ▶ Low discovery cost – Calcrete
- ▶ Avalon is now positioned in 3 major uranium provinces

Avalon's Uranium Projects in WA

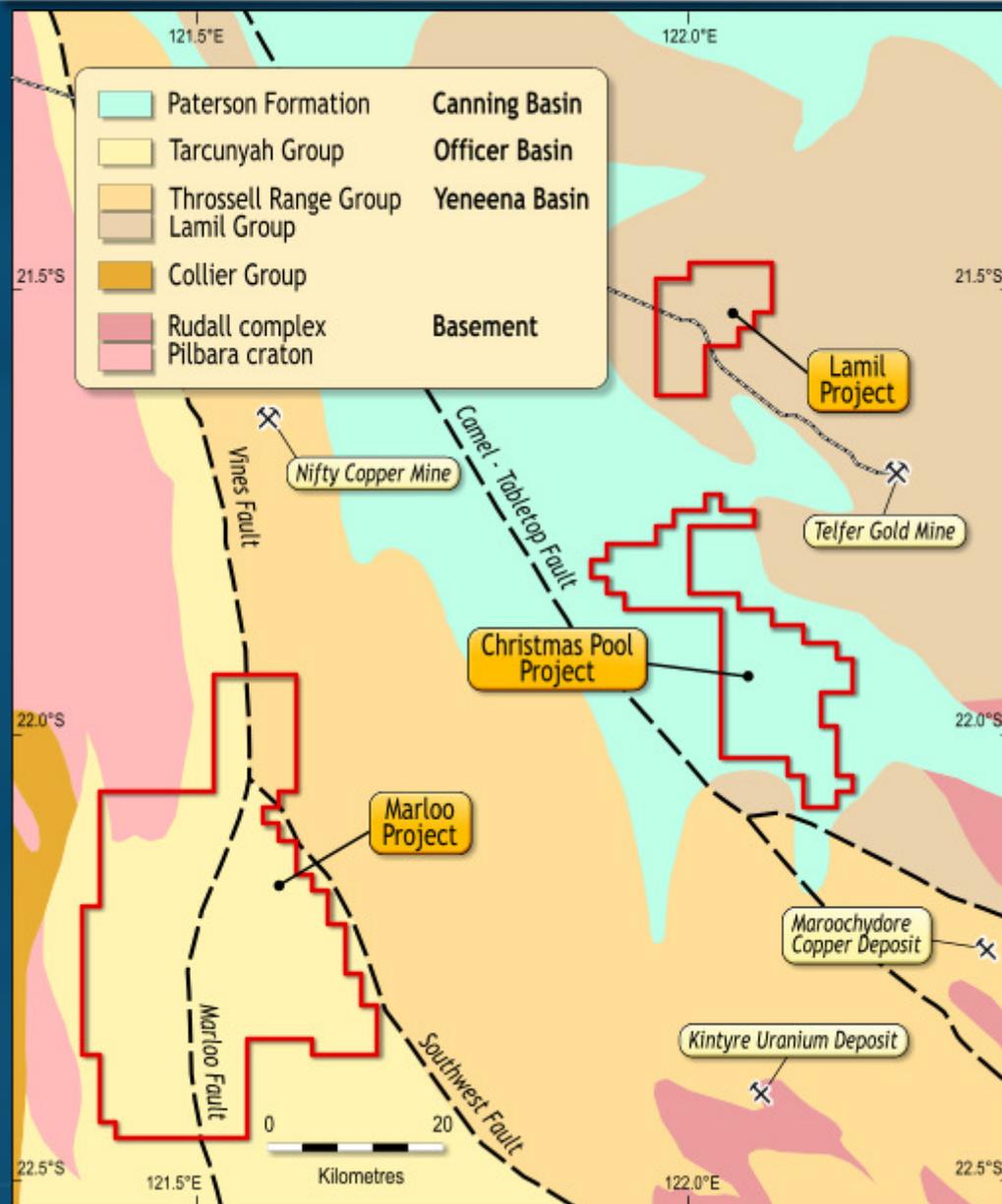


 **Pilbara**
Unconformity-Kintyre model

 **Kimberley**
Roll front – Oobagooma type

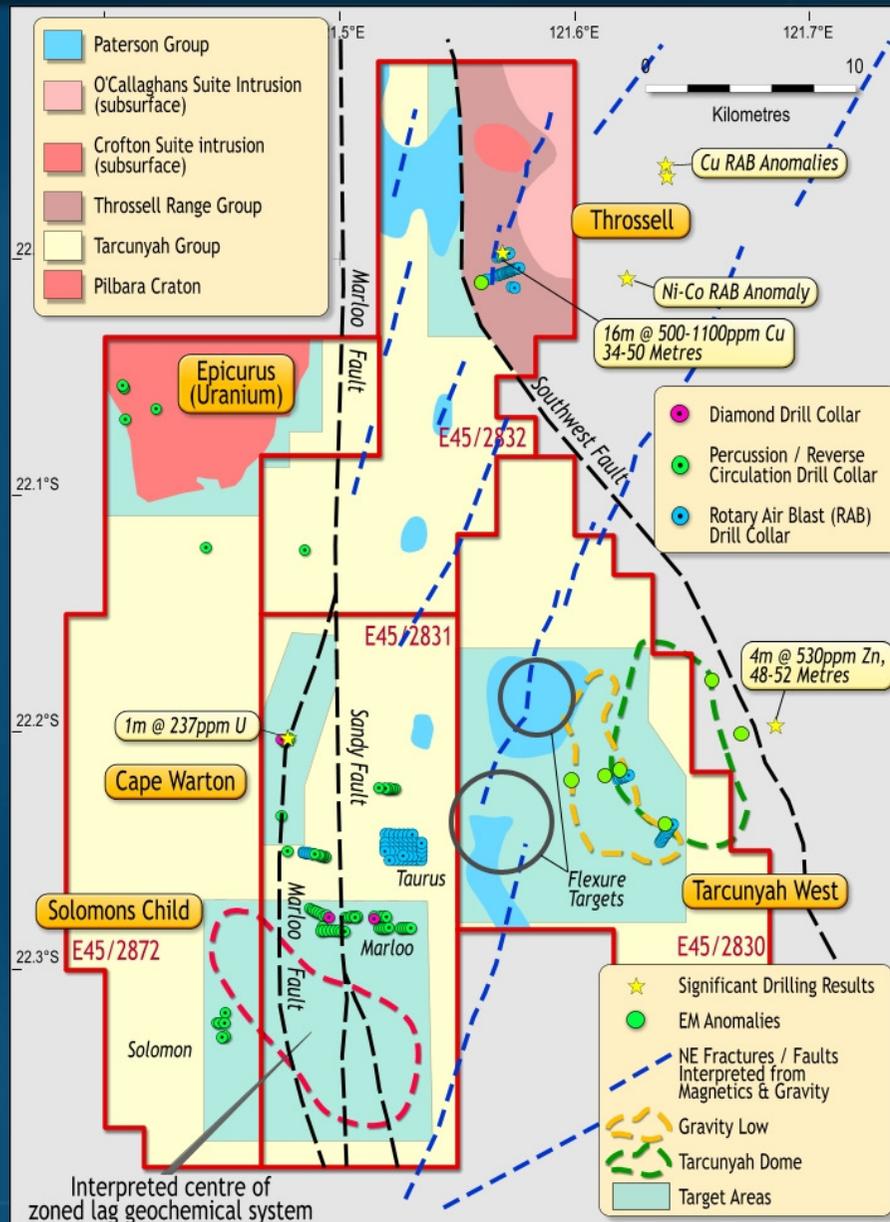
 **Yilgarn**
Calcrete model

Pilbara Uranium Projects



- Paterson Projects 1,400km²
- World class terrain
 - Nifty Copper Mine(180mt Cu)
 - Telfer Gold Mine(25moz)
 - Kintyre - Rio (25,000t @ .4% U₃O₈)
 - Marloo the focus for unconformity uranium mineralisation

Marloo Uranium Project



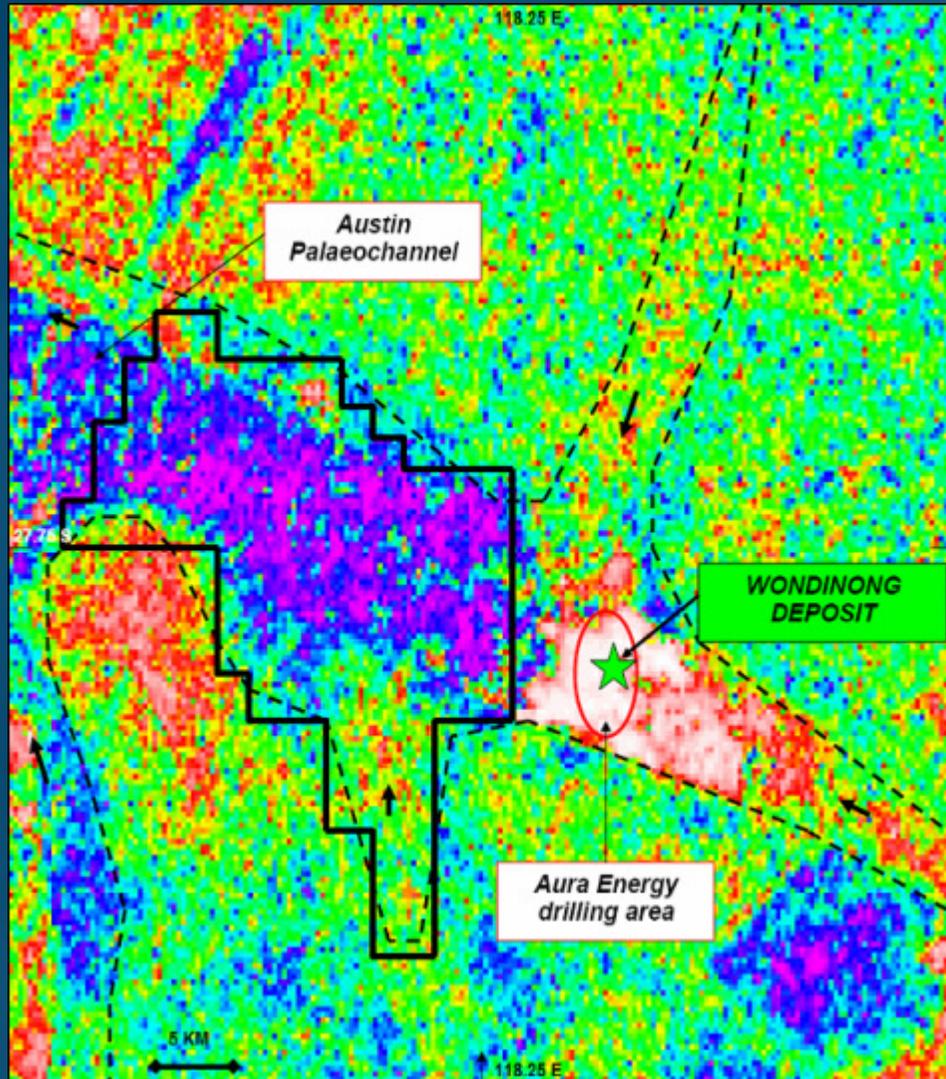
- Epicurus - Uranium target (Kintyre styled) 1000m by 1000m multi element 100ppm U, 4,404ppm Pb, 177ppm Zn and 59ppm Mo anomaly
- Marloo – 980km²
- Solomons Child - 3km Zn/Pb/Cu anomaly
- Cape Warton – Uranium in past drilling

Yilgarn Uranium Projects

- 11 EL's in WA's Yilgarn province
- Very near surface calcrete deposits = Low mining and operational costs
- Targetting 450ppm (lb/t)
- Targets selected from airborne radiometric data, geological mapping and historical exploration reports
- New discoveries likely under shallow ground cover
- Stand alone and satellite deposits

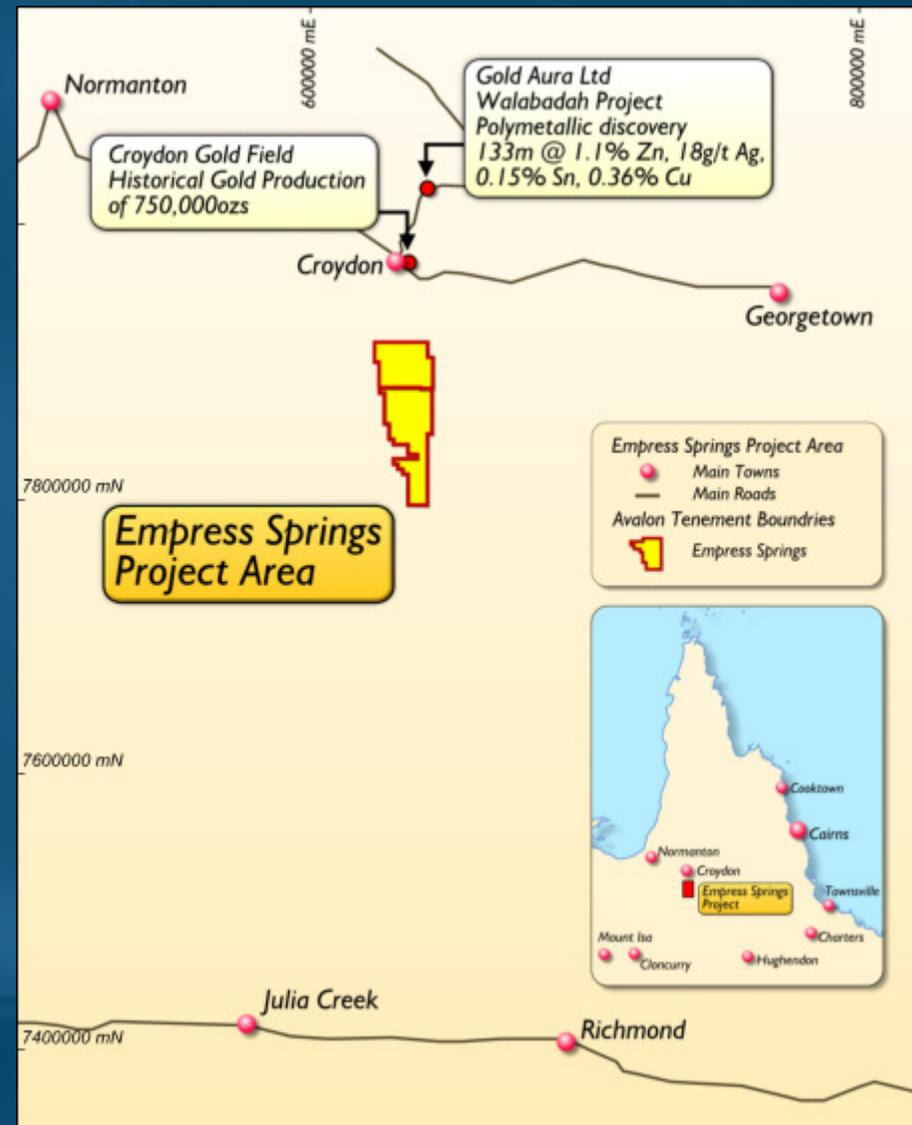


Yilgarn Uranium Projects - Wondinong



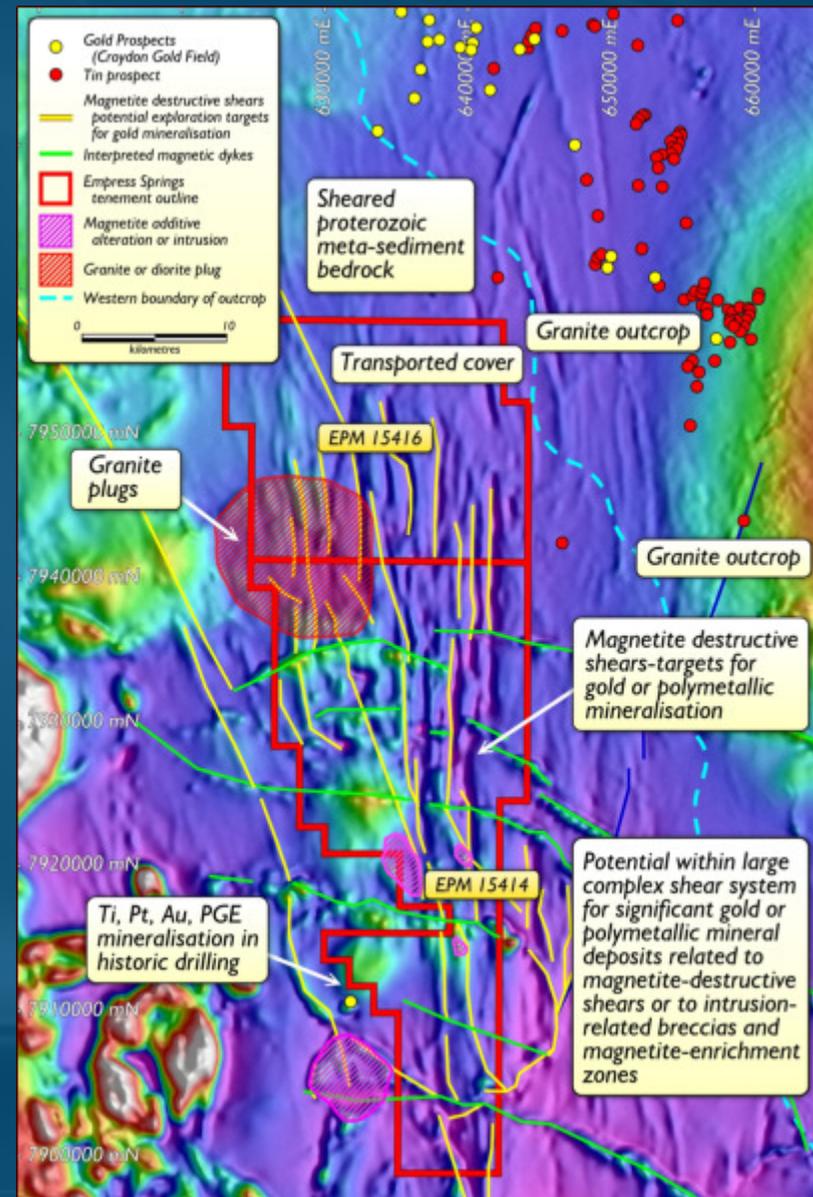
Queensland Projects – Empress Springs

- JV with ASX-listed nickel producer Independence Group NL (Avalon 70%)
- Strategic first acquisition in North Queensland:
 - 833km² of granted applications
- Gold, base metals and uranium project
- 30km south of 750,000 oz Croydon gold mine
- Recent polymetallic Wallabadah deposit (Gold Aura Ltd), 30km north of Croydon

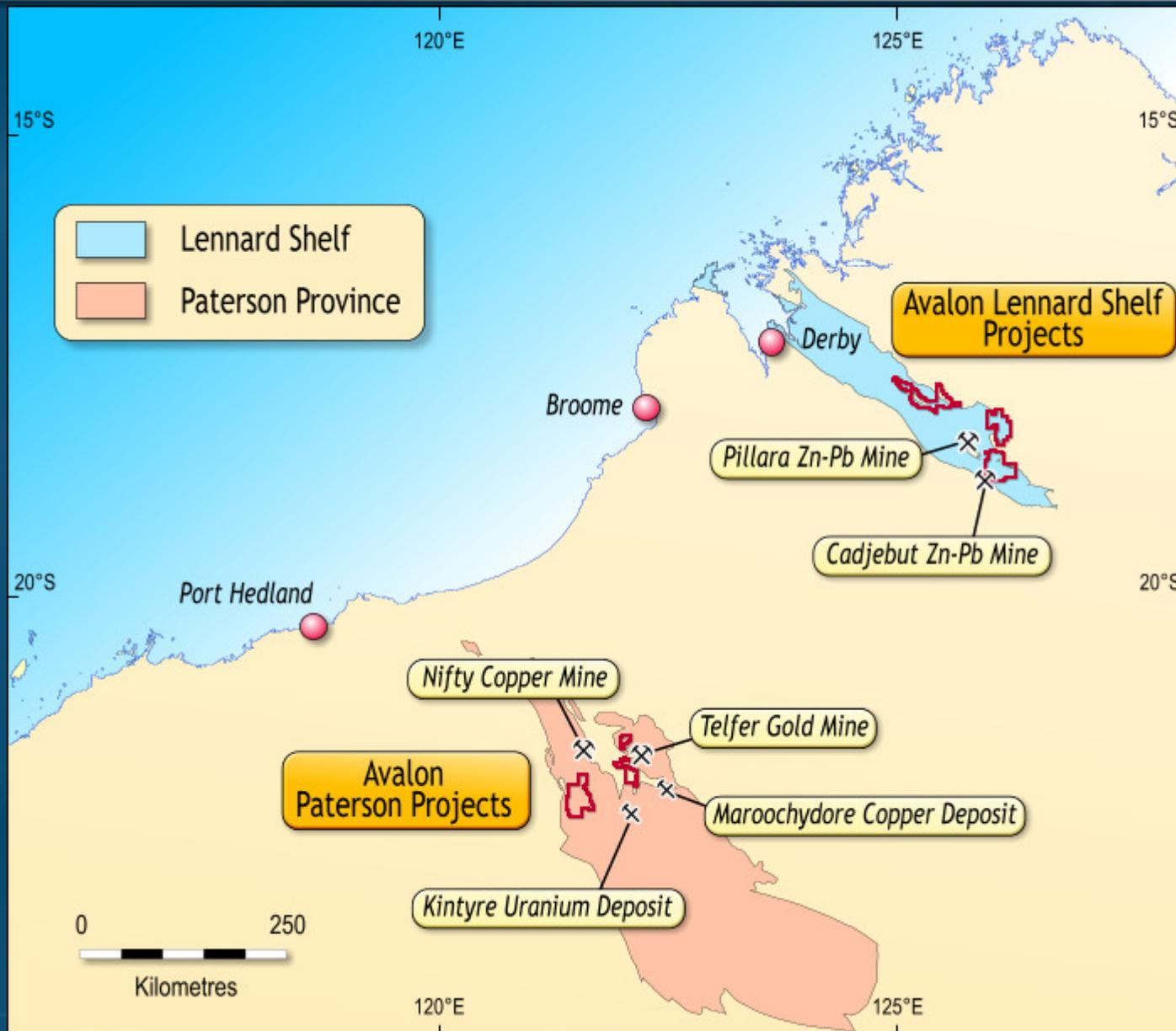


Queensland Projects – Empress Springs

- Survey data indicates large-scale magnetic signature
- Cracow-style gold target
- Potential for uranium mineralisation (historic drilling by ESSO in the 1970s)
- Prospective for roll-front and redox-style uranium deposits
- Walk-up drilling program to commence in 2007 field season after completion of data reviews



Western Australia – Lennard Shelf Zinc



Lennard Shelf - *Discovery History*

Early 1970's Trend Exploration

- | | |
|-------------|---|
| 1975-1978 | Shell and BHP begin exploration (Also: Esso, Geopeko, Pasminco) |
| 1978 | Pillara discovery - 23.2 Mt |
| 1984 | Cadjebut discovery - 5.2 Mt |
| 1985 | Goongewa discovery - 2.6 Mt |
| 1989 | Billiton put first pay hole into Fossil Downs |
| 1990 | Kapok discovery 4.6 Mt (East/West) |
| 1994 | Western Metals buys out BHP |
| 1995 | Western Metals commences exploration |
| 1997 | Kutarta discovery - 2.3 Mt |
| 2002 | Fossil Downs resource redefined - 2.1 Mt |
| 2002 / 2003 | South Footwall and Balgangari resources defined |
| 2003 | Teck Cominco buys LS from Western Metals Receivers |
| 2004 | Noranda joins Teck Cominco in JV |
| 2006 | Xstrata takeover of Falconbridge (Noranda) |

Lennard Shelf Projects

- World-class zinc province
- Classic MVT-style deposits
- Reported resources – 22.18Mt @ 6.9% Zn and 2.8% Pb
- Historical production 11Mt
- TeckCominco/Xstrata operating at Pillara
- CBH, Anglo, Territory Gold exploring, Kagara
- Good infrastructure



Lennard Shelf – Niton Sampling



Lennard Shelf Projects



- 2,600km² exploration tenements
- JV with Rox Resources Limited
- Rox can earn up to 60% by spending \$2.0M on exploration plus issuing \$300,000 worth of shares
- Key access clearances awaited
- Exploration program:
 - Niton soil sampling
 - Drilling commencing 2H 2007

The Immediate Future...

- ⚠ Define calcrete uranium drill targets in WA - 2007
- ⚠ Drill test priority calcrete targets - 2008
- ⚠ Commence field work in the Lennard Shelf - 2008
- ⚠ Define Uranium drilling targets at Marloo - 2008
- ⚠ Define drill targets at Empress Springs for H1 2008
- ⚠ Resource Project reviews continuing

Why Invest in Avalon?

- ⚙️ Experienced management & skilled geological consultants
- ⚙️ High-quality project portfolio
- ⚙️ Western Australian uranium projects in three regions
- ⚙️ JV with Independence Group NL for a 70% share in Empress Springs Project (Nth QLD)
- ⚙️ Lennard Shelf zinc exploration with Rox
- ⚙️ Vision to build an independent diversified Australian mining company
- ⚙️ Growth through acquisition – target \$50M market cap



Resources Rising Stars – Gold Coast

The information in this report relates to Exploration information reviewed by Mr Geoff Hewlett MSc DIC MAIG who is a Member of the Australasian Institute of Mining and Metallurgy and acts as a geological consultant to Avalon Minerals Ltd. Mr Hewlett has four years relevant experience in the style of mineralisation and types of deposit under consideration and consents to inclusion of the information in this report in the form and context in which it appears. He qualifies as a Competent Person as defined in the 2004 Edition of the "Australasian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves".