



20 April 2009

Manager of Company Announcements  
ASX Limited  
Level 6, 20 Bridge Street  
Sydney NSW 2000

By E-Lodgement

---

**QUARTERLY REPORT**  
Period Ended 31 March 2009

---

***MARCH 2009 QUARTER – KEY ITEMS***

**Exploration**

- Ongoing evaluation of historic exploration drilling and radiometric logging at the recently acquired Ponton uranium project
- Initial discussions held with the WA Department of Mines and Petroleum in order to progress review of the Ponton exploration licence application
- Further assessment and prioritisation of drill targets at the Gardner Range uranium project

**Corporate**

- Sam Middlemas appointed as Company Secretary
- Cost saving plan implemented: reduction in payroll, fees and other overheads
- Acquisition of Coal of Madagascar Limited terminated

## URANIO LIMITED

ACN 123 156 089

## QUARTERLY REPORT FOR PERIOD ENDED 31 MARCH 2009

### Summary of Exploration Activity

Uranio continues to compile and evaluate the historic exploration data and radiometric drill logs from previous exploration by PNC Exploration at the Double 8 prospect within the Ponton project area in WA. The objective of this data review is to assess the potential uranium resource at the Double 8 prospect, to determine the geological and mineralogical characteristics of the known sandstone hosted uranium mineralisation and to plan future potential drilling programs in the area.

The majority of Uranio's EL application over the Double 8 prospect area lies within the Queen Victoria Spring Nature Reserve. The Company has held initial procedural meetings with representatives of the Department of Mines and Petroleum in order to progress the review of this application.

Ongoing interpretation of recent airborne magnetic, radiometric and VTEM surveys over the Gardner Range project in WA has allowed Uranio to further assess and prioritise drill targets for ground follow up and survey prior to a proposed drill program later in 2009.

### Summary of Corporate Activity

Robert Samuel (Sam) Middlemas has been appointed Company Secretary of Uranio Limited ("**Uranio**", "**the Company**"), effective 1 March 2009.

In February 2009, and with regard to the ongoing difficult global financial conditions, Uranio implemented a cost saving plan in order to significantly reduce administrative overhead and preserve its cash position. As part of this initiative, non-executive directors' fees have been reduced by 35% and the Managing Director's salary has been reduced by 10%, effective 1 March 2009.

As noted in the December Quarter Report, Uranio announced on 22 January 2009 that it would not be proceeding with the proposed acquisition of Coal of Madagascar (Guernsey) Limited.

## MARCH QUARTER 2009

### Activities Report and Review of Projects

During the quarter Uranio continued exploration activities on its four Australian uranium projects. The projects are located in South Australia and Western Australia, as shown in Figure 1.

**Figure 1: Location of Uranio Limited's Exploration Projects**



The projects are:

1. **Ponton:** This project consists of seven contiguous exploration tenements (six granted and one under application) in the eastern Goldfields of Western Australia (approx 200km northeast of Kalgoorlie) surrounding the Mulga Rock uranium deposits and covering a series of associated palaeochannels. This project area includes both the Double 8 and Shelf uranium prospects.
2. **Gardner Range:** This project consists of four exploration licences in the Tanami Region of Western Australia covering both the Don and Deva unconformity related uranium prospects and the Venus gold prospect.
3. **Siccus Joint Venture:** This uranium exploration project consists of an exploration licence (EL 3288) in the highly prospective Frome Basin uranium province of South Australia.
4. **Anketell:** This uranium exploration project consists of eleven tenements currently under application approximately 350km inland from Port Hedland, on the northern edge of the Pilbara Craton. The target is sandstone hosted roll-front uranium mineralisation similar to the Oobagooma deposit further to the north.

1. Ponton Project (Western Australia)

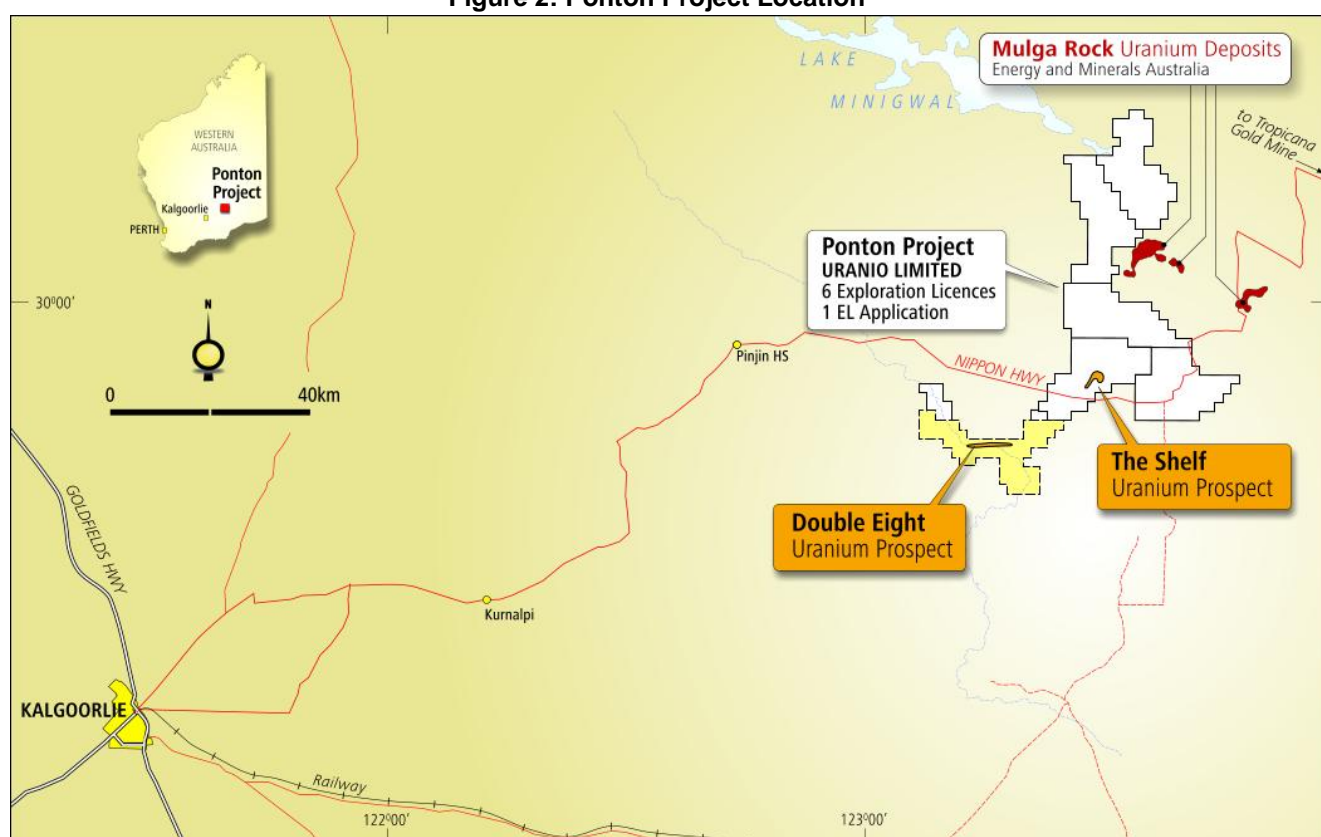
Interest: Licences E39/1140-44: Uranio Limited 70%, Deep Yellow Ltd 30%

Licences E28/1523 and ELA28/1898: Uranio Limited 100%

Manager: Uranio Limited

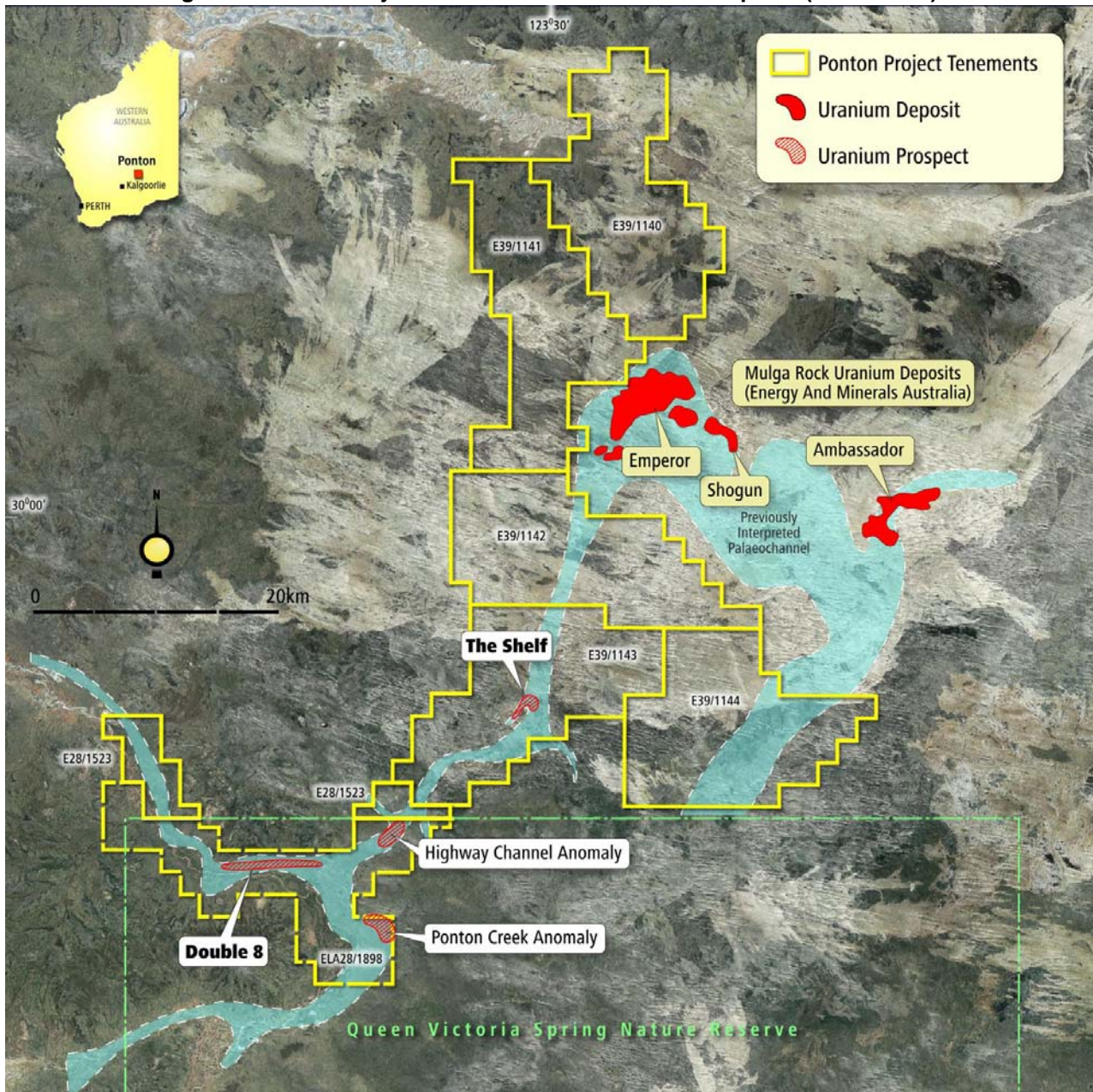
The Ponton project is located approximately 200km east-northeast of Kalgoorlie on the edge of the Great Victoria Desert in Western Australia (see Figure 2). The target is sandstone or lignite hosted uranium. The project area covers 1,286km<sup>2</sup> and is underlain by tertiary palaeochannels within the Gunbarrel Basin that are considered highly prospective for uranium. These channels connect to the Mulga Rock uranium deposits which are surrounded by Uranio's tenements to the north, south and west. Energy and Minerals Australia has recently released an initial JORC inferred resource estimate for the three Mulga Rock uranium deposits of 24,520 tonnes (54 Mlbs) U<sub>3</sub>O<sub>8</sub>.

Figure 2: Ponton Project Location



The southwestern (Ponton Creek) area, acquired from Paladin Energy Ltd in October 2008, contains the Double 8 uranium prospect that lies within the Cundeelee palaeochannel, part of the same palaeochannel system as the Mulga Rock deposits. Uranio has an application (ELA28/1898) over the main area of interest, the majority of which lies within the Queen Victoria Spring Nature Reserve (see Figure 3).

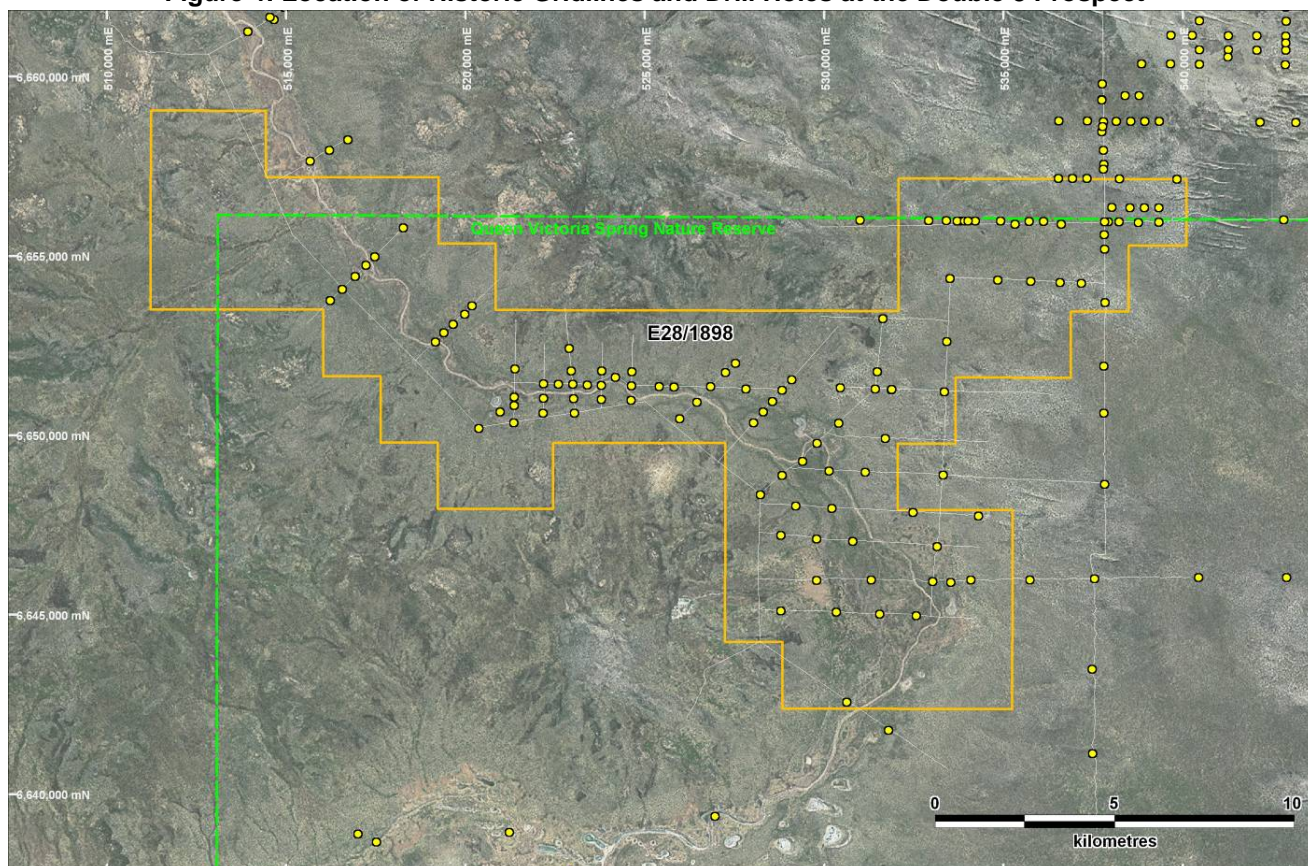
Figure 3: Ponton Project Tenements and Uranium Prospects (on Landsat)



**Analysis of Historical Data from the Double 8 Prospect Area**

Drilling by PNC Exploration (“PNC”) within the Queen Victoria Spring Nature Reserve in 1983 discovered sandstone hosted uranium mineralisation at the Double 8 prospect. Additional drilling within the palaeochannel system identified the Ponton Creek, Highway Channel and Shelf prospects (as per Figure 3). Approximately 100 holes were drilled and logged in the Ponton Creek area between 1983 and 1986, of which 36 were at the highly prospective Double 8 area, as shown in Figure 4.

**Figure 4: Location of Historic Gridlines and Drill Holes at the Double 8 Prospect**



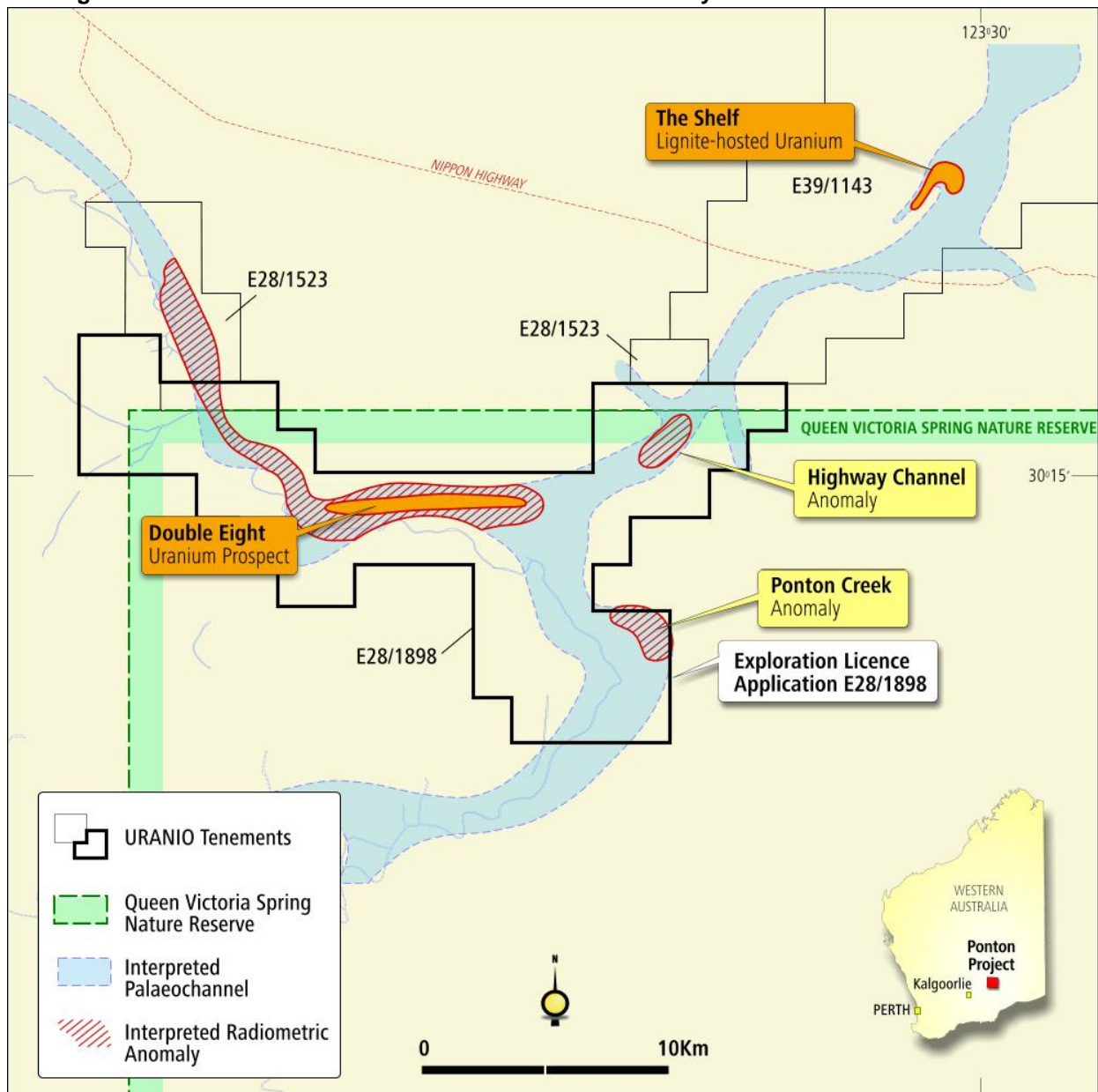
Source: Open file WAMEX reports from PNC Exploration and Uranerz 1983-86

The Double 8 prospect was found to host roll-front or tabular type uranium mineralisation in the lower parts of the palaeodrainage (50-75m depth) in reduced sands potentially amenable to an in-situ leach (ISL) recovery method. The uranium mineralisation, with radiometric counts of 30 times background and above (up to 320 times background), was intersected in drill holes spaced along eight kilometres of palaeodrainage, at widths of approximately 500m and downhole thicknesses of 3 to 20 meters.

Due to the unconsolidated nature of some of the host formation sands and core losses in drilling, PNC considered downhole gamma logging to be a more effective indicator of uranium mineralisation in this area. Only 11 holes were assayed at Double 8. These results were highly encouraging, assaying up to 0.11%  $U_3O_8$  over 1 metre.

Figure 5 shows the areas of radiometric anomalism within the interpreted palaeochannels around the Double 8 prospect. The area at Double 8 shown in orange denotes the interpreted area of approximately 8km in strike that yielded downhole gamma readings over 30 times background (over 750 counts per second).

**Figure 5: Location of Radiometric Anomalism within Tertiary Palaeochannels near Double 8**



Sources: Downhole gamma logs from PNC Exploration and Uranerz reports 1983-86, Gamma log interpretation taken from PNC WAMEX reports and Paladin's 1999 Proposed Exploration Program to DME

During the quarter Uranio has continued to digitise and evaluate the historic exploration data and radiometric drill logs from previous exploration by PNC at Double 8. The local grid coordinates have been transformed to an AMG coordinate database and historic correlations have been obtained for the PNC logging tools in order to convert counts per second (cps) readings to equivalent uranium oxide ( $eU_3O_8$ ) grades. The objective of this data review is to assess the potential uranium resource at the Double 8 prospect and enable a comparison with the brief estimates of uranium potential at Double 8 quoted by Paladin Resources NL in its 1999 and 2001 annual reports.

The data review will also enable a determination the geological and mineralogical characteristics of the known sandstone hosted uranium mineralisation and help to plan future potential drilling programs in the area.

The majority of Uranio’s EL application over the Double 8 prospect lies within the northwest corner of the Queen Victoria Spring Nature Reserve thus grant of the exploration licence requires approval from the Western Australia Departments of Mines and Petroleum (DMP), Environment and Conservation (DEC) and the Minister for the Environment in order to secure access for continued exploration. The Company has held initial procedural meetings with representatives of the DMP in order to progress the review of this application. There is no guarantee that the exploration licence will be granted.

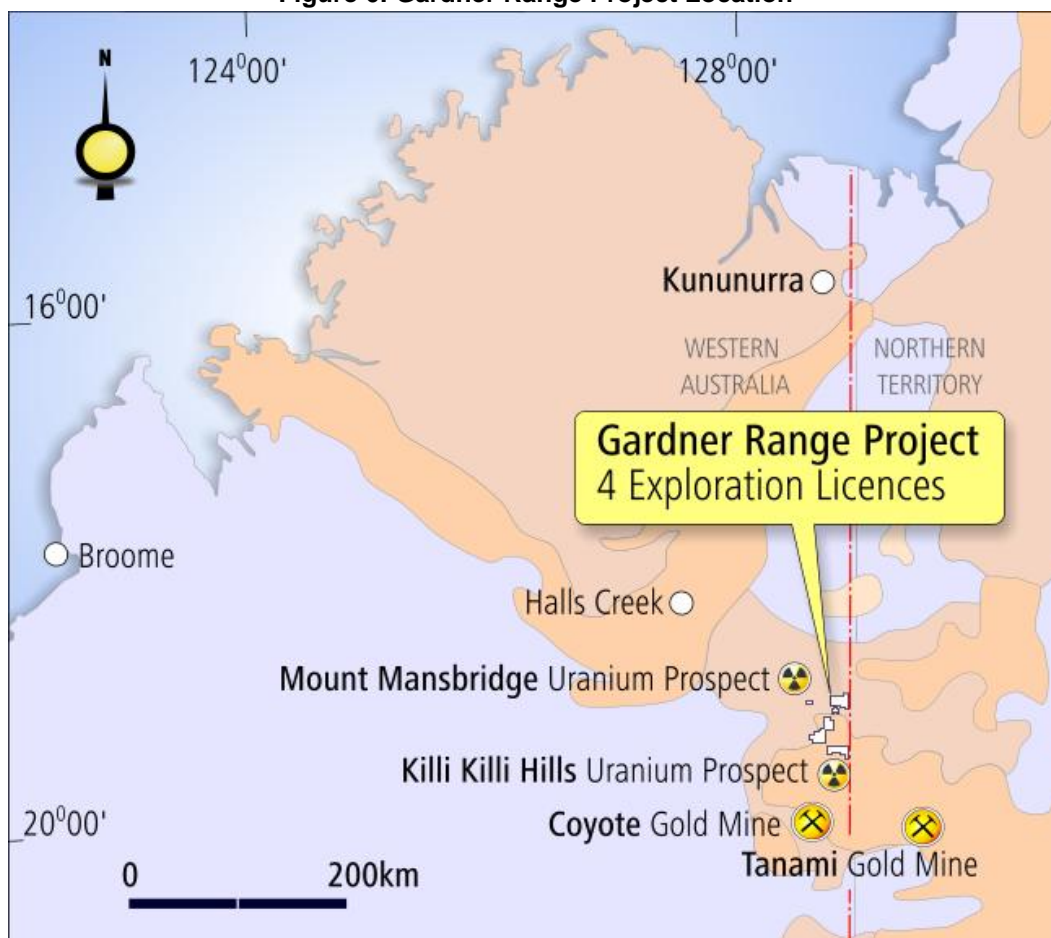
2. Gardner Range Project (Western Australia)

Interest: Uranio Limited 70%, Deep Yellow Ltd 30%

Manager: Uranio Limited

The Gardner Range project is located in the Tanami region of the Kimberleys, 150km southeast of Halls Creek and 120km northwest of the Tanami gold mine in Western Australia. The four granted licences border the Northern Territory and cover 542km<sup>2</sup>. Exploration focus to date has been on two of the licences, Mt Junction (E80/3275) containing the Don uranium prospect and Slaty Creek (E80/1735) containing the Deva uranium prospect.

Figure 6: Gardner Range Project Location



The Gardner Range area is known to host unconformity related uranium and gold mineralisation, similar to the uranium deposits at the Ranger and Jabiluka mines in the Northern Territory. In 1980, drilling at the

Don uranium prospect by Mineral Reserve Group Inc intersected 0.44m of 1.5% U<sub>3</sub>O<sub>8</sub> (as uraninite) and 1.7g/t gold (Au) at a depth of 40m within associated graphitic shale beds.

Uranio's 2008 airborne radiometric survey found patterns of significant uranium responses including a response at the Don prospect area. The uranium anomalies were parallel to the lithological layering of the Killi Killi Beds and were also coincident with the zones of airborne hyperspectral mapped illite clay. Illite alteration is often associated with hydrothermal mineralisation events and thus the coincident anomalies represent excellent targets for significant, unconformity related uranium deposits.

In addition, a recent VTEM survey located a conductive unit located directly below the Don prospect, further supporting the unconformity model of mineralisation and giving depth extent to the project.

During the quarter, interpretation of these recent airborne magnetic, radiometric and VTEM surveys over the Gardner Range project in WA has continued and allowed Uranio to further assess and prioritise drill targets for ground follow up and survey prior to a proposed drill program intended for later in the year.

### 3. Siccus Joint Venture (South Australia)

Interest: Uranio Limited 70%, Deep Yellow Ltd 20%, Signature Resources NL 10%

Manager: Uranio Limited

The Siccus Project is located approximately 450km north of Adelaide and some 25km to the southwest of the Lake Frome shoreline in South Australia. The exploration licence EL 3288 covers an area of 672km<sup>2</sup> within the highly prospective Frome Basin uranium province. The target at Siccus is roll-front or tabular sandstone-hosted uranium mineralisation within the Namba and Eyre formations, similar in style to the nearby uranium deposits at Beverley, Four Mile and Honeymoon.

A first pass drill program in February 2008 intersected both the Namba and Eyre formations, the host lithologies for the known uranium deposits in the Frome Basin. In addition, historic radiometric anomalies of 14 times background were replicated in the Namba clays.

No ground exploration activity was undertaken at Siccus during the quarter. Uranio continues to review its Frome database and other information sources on previous exploration activity around this project area in order to target potential follow up drilling at Siccus.

### 4. Anketell Project (Western Australia)

Interest: Uranio Limited 70%, Deep Yellow Ltd 30%

Manager: Uranio Limited

Anketell is located in the northern Paterson region, 350km ESE of Port Hedland in WA. The target is roll-front uranium mineralisation hosted by sandstones within the Waukarlycarly Embayment. The region is also prospective for base metals. The project consists of eleven tenements currently under application covering an area of 2,332km<sup>2</sup>. Neighbours include the Nifty copper mine and the Telfer gold/copper mine.

The Anketell tenement block was taken up based on the concept of roll-front uranium in sandstones on the northern edge of the Pilbara Craton. The known uranium deposit at Kintyre is 100km to the south of the Anketell project boundary and Oobagooma is 400km to the north. A uranium showing has been documented at Waukarlycarly adjacent to the Anketell project and indicates the mobilisation of uranium from basement rocks during the current weathering cycle.

As the Anketell project tenements are still under application, no exploration activity has occurred in the past quarter. Geoscience Australia has recently completed an airborne electromagnetic survey of the Paterson region at 1, 2 and 6 km line spacing, with the information made available in April 2009. Uranio intends to review this data in order to gain further insight into this prospective ground position.

## **CORPORATE AND GENERATIVE**

### **1. Change of Company Secretary**

Robert Samuel (Sam) Middlemas has been appointed Company Secretary of Uranio Limited, effective 1 March 2009.

### **2. Implementation of Cost Savings Plan**

In February 2009, and with regard to the ongoing difficult global financial conditions, Uranio implemented a cost saving plan in order to significantly reduce administrative overhead and preserve its cash position. As part of this initiative, non-executive directors' fees have been reduced by 35% and the Managing Director's salary has been reduced by 10%, effective 1 March 2009.

### **3. Debt Repayment**

Uranio repaid \$250,000 of debt principal and \$85,238 of accrued interest to Deep Yellow Ltd on 22 January 2009 as per the terms of the Tenement Sale Agreement between the two companies.

### **4. Termination of Coal Project Acquisition**

As noted in the December Quarter Report, Uranio announced on 22 January 2009 that it would not be proceeding with the proposed acquisition of Coal of Madagascar (Guernsey) Limited.

### **5. Outlook**

Uranio will continue to concentrate resources on exploring and managing its prospective uranium projects in Australia. Gold is also targeted, notably at the Gardner Range project.

Uranio continuously monitors the performance of certain commodities, target areas and competitor activity to develop opportunities that may upgrade or complement its strategic tenement holdings and exploration portfolio. All opportunities to advance Uranio's interests and add value for its shareholders are assessed as they present themselves.

For and on behalf of the board,



Dr Robert Wrixon  
**Managing Director**  
**Uranio Limited**

*The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Peter Robinson, who is a Fellow of The Australasian Institute of Mining and Metallurgy, a Member of the Mining Industry Consultants Association and a Chartered Professional Geologist.*

*Mr Peter Robinson is employed by Peter F Robinson & Associates Pty Ltd.*

*Mr Peter Robinson 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 Peter Robinson consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

***For more information please contact Uranio Limited or visit [www.uranio.com.au](http://www.uranio.com.au)***

# Appendix 5B

## Mining exploration entity quarterly report

Introduced 1/7/96. Origin: Appendix 8. Amended 1/7/97, 1/7/98, 30/9/2001.

Name of entity

Uranio Limited

ABN

61 123 156 089

Quarter ended ("current quarter")

31 March 2009

### Consolidated statement of cash flows

	Current quarter \$A'000	Year to date (9 months) \$A'000
<b>Cash flows related to operating activities</b>		
1.1 Receipts from product sales and related debtors	-	-
1.2 Payments for		
(a) exploration and evaluation	(48)	(523)
(b) development	-	-
(c) production	-	-
(d) administration	(177)	(688)
(e) business development	(61)	(81)
1.3 Dividends received	-	-
1.4 Interest and other items of a similar nature received	19	112
1.5 Interest and other costs of finance paid	(85)	(87)
1.6 Income taxes paid	-	(1)
1.7 Other – Net GST and other refunds	-	(86)
	<b>(352)</b>	<b>(1,354)</b>
<b>Net Operating Cash Flows</b>		
<b>Cash flows related to investing activities</b>		
1.8 Payment for purchases of:		
(a)prospects	-	-
(b)equity investments	-	-
(c) other fixed assets	-	-
1.9 Proceeds from sale of:		
(a)prospects	-	-
(b)equity investments	-	-
(c)other fixed assets	-	-
1.10 Loans from other entities	-	-
1.11 Loans repaid to other entities	(250)	(250)
1.12 Other – Security deposits	-	-
	<b>(250)</b>	<b>(250)</b>
	<b>Net investing cash flows</b>	
1.13 Total operating and investing cash flows (carried forward)	<b>(602)</b>	<b>(1,604)</b>

**Appendix 5B**  
**Uranio Limited March Quarterly Report**

1.13	Total operating and investing cash flows (brought forward)	(602)	(1,604)
	<b>Cash flows related to financing activities</b>		
1.14	Proceeds from issues of shares, options, etc.	-	-
1.15	Proceeds from sale of forfeited shares	-	-
1.16	Proceeds from funds held on trust	-	-
1.17	Repayment of borrowings	-	-
1.18	Dividends paid	-	-
1.19	Other (share issue costs)	-	-
	<b>Net financing cash flows</b>	-	-
	<b>Net increase (decrease) in cash held</b>	(602)	(1,604)
1.20	Cash at beginning of quarter/year to date	2,553	3,555
1.21	Exchange rate adjustments to item 1.20	-	-
1.22	<b>Cash at end of quarter</b>	1,951	1,951

**Payments to directors of the entity and associates of the directors**

**Payments to related entities of the entity and associates of the related entities**

		Current quarter \$A'000
1.23	Aggregate amount of payments to the parties included in item 1.2	(122)
1.24	Aggregate amount of loans to the parties included in item 1.10	Nil

1.25 Explanation necessary for an understanding of the transactions

1.2 (d)

- Managing Director salary and superannuation of \$65,854 paid during quarter.
- Non Executive Director fees and superannuation of \$20,437 paid during quarter.
- Payments to director related companies for legal and advisory fees \$35,990.

**Non-cash financing and investing activities**

2.1 Details of financing and investing transactions which have had a material effect on consolidated assets and liabilities but did not involve cash flows

N/A

2.2 Details of outlays made by other entities to establish or increase their share in projects in which the reporting entity has an interest

-

**Financing facilities available**

Add notes as necessary for an understanding of the position.

		Amount available \$A'000	Amount used \$A'000
3.1	Loan facilities	-	-
3.2	Credit standby arrangements	-	-

+ See chapter 19 for defined terms.

### Estimated cash outflows for next quarter

		\$A'000
4.1	Exploration & Evaluation	100
4.2	Development	-
<b>Total</b>		<b>100</b>

### Reconciliation of cash

Reconciliation of cash at the end of the quarter (as shown in the consolidated statement of cash flows) to the related items in the accounts is as follows.	Current quarter \$A'000	Previous quarter \$A'000
5.1 Cash on hand and at bank	10	46
5.2 Deposits at call	1,941	2,507
5.3 Bank overdraft	-	-
5.4 Other (money held on behalf of shareholders)	-	-
<b>Total: cash at end of quarter</b> (item 1.22)	<b>1,951</b>	<b>2,553</b>

### Changes in interests in mining tenements

	Tenement reference	Nature of interest (note (2))	Interest at beginning of quarter	Interest at end of quarter
6.1	Interests in mining tenements relinquished, reduced or lapsed	Nil		
6.2	Interests in mining tenements acquired or increased	Nil		

**Appendix 5B**  
**Uranio Limited March Quarterly Report**

**Issued and quoted securities at end of current quarter**

*Description includes rate of interest and any redemption or conversion rights together with prices and dates.*

	Total number	Number quoted	Issue price per security (see note 3) (cents)	Amount paid up per security (see note 3) (cents)
7.1 <b>Preference +securities</b> <i>(description)</i>	Nil			
7.2 Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs, redemptions				
7.3 <b>+Ordinary securities</b>	39,279,379	39,279,379		
7.4 Changes during quarter (a) Increases through issues (b) Decreases through returns of capital, buy-backs				
7.5 <b>+Convertible debt securities</b> <i>(description)</i>	Nil			
7.6 Changes during quarter (a) Increases through issues (b) Decreases through securities matured, converted				
7.7 <b>Options</b> <i>(description and conversion factor)</i>			<b><u>Exercise Price</u></b>	<b><u>Expiry Date</u></b>
	5,000,000	Nil	\$0.20	30/06/2010
	3,849,379	Nil	\$0.20	21/01/2012
	1,000,000	Nil	\$0.20	23/06/2013
	1,000,000	Nil	\$0.30	23/06/2013
	1,000,000	Nil	\$0.40	23/06/2013
7.8 Issued during quarter				
7.9 Exercised during quarter				
7.10 Expired during quarter				
7.11 <b>Debentures</b> <i>(totals only)</i>				
7.12 <b>Unsecured notes</b> <i>(totals only)</i>				

+ See chapter 19 for defined terms.

## Compliance statement

- 1 This statement has been prepared under accounting policies which comply with accounting standards as defined in the Corporations Act or other standards acceptable to ASX (see note 4).
- 2 This statement does give a true and fair view of the matters disclosed.



RS (Sam) Middlemas  
Company Secretary

17 April 2009

## Notes

- 1 The quarterly report provides a basis for informing the market how the entity's activities have been financed for the past quarter and the effect on its cash position. An entity wanting to disclose additional information is encouraged to do so, in a note or notes attached to this report.
- 2 The "Nature of interest" (items 6.1 and 6.2) includes options in respect of interests in mining tenements acquired, exercised or lapsed during the reporting period. If the entity is involved in a joint venture agreement and there are conditions precedent which will change its percentage interest in a mining tenement, it should disclose the change of percentage interest and conditions precedent in the list required for items 6.1 and 6.2.
- 3 **Issued and quoted securities** The issue price and amount paid up is not required in items 7.1 and 7.3 for fully paid securities.
- 4 The definitions in, and provisions of, *AASB 6: Exploration for and Evaluation of Mineral Resources* and *AASB 107: Cash Flow Statements* apply to this report.
- 5 **Accounting Standards** ASX will accept, for example, the use of International Accounting Standards for foreign entities. If the standards used do not address a topic, the Australian standard on that topic (if any) must be complied with.