



**UNITED URANIUM**  
LIMITED

ACN 123 920 990

## **Quarterly Activities Report**

**For the quarter ending  
31 March 2010**

### **HIGHLIGHTS**

- **Field work to assess target areas at McArthur River (EL25839), Pine Creek (EL24815), Dunmarra (EL25838) and Wiso (EL25835) completed in late 2009.**
- **Base metal anomalism (Pb-Zn) within a limestone sequence identified at the Stray Creek West deep conductor target at Pine Creek.**
- **No surface geochemical anomalism identified at the T1 deep conductor target at McArthur River due to masking effect of flat lying younger sediments.**
- **Ground based electrical geophysics planned for late 2<sup>nd</sup> quarter in the 2010 field season at McArthur River and Pine Creek, together with a low level detailed aeromagnetic survey at Pine Creek.**
- **Positive outcomes from the follow up geophysical surveys at McArthur River and Pine Creek are expected to result in first pass drilling of these targets in the third quarter of calendar year 2010.**

### **Projects**

#### ***McArthur River (EL25839)***

Interpretation of the data from the airborne electromagnetic survey completed at McArthur River in 2009 identified four target areas; T1 to T4. T1 and T4 represent deep conductors that may represent massive sulphide targets beneath flat lying sandstone sequences. T2 and T3 are broad shallow conductive zones that possibly represent uranium targets.

Field based exploration completed over the T1 to T3 targets consisted of soil sampling (T1 only), prospecting, scintillometer and XRF surveys for a total of 154 scintillometer and XRF points, 22 soil samples and 2 rock chip samples. The flat lying fine grained sandstone beds overlying the T1 coincident deep airborne EM conductor and magnetic anomaly appear to have masked any potential geochemical anomalism associated with the target zone, with no visible signs of mineralisation or alteration observed. Wide spaced scintillometer and XRF traverses were completed across the T2 and T3 broad conductive zones, with results indicating that potential for significant near surface uranium and / or base metal mineralisation is limited.

A program of ground EM has been recommended to provide enhanced definition of the deep conductors defined at the T1 and T4 airborne EM targets. The T4 target is adjacent to the T1 target on the southern edge of the survey grid. The top of the T1 conductor has been interpreted from the airborne EM survey data to be about 90m below ground within the basement rocks.

It is expected that the ground EM survey at McArthur River will take place toward the end of the 2<sup>nd</sup> quarter of the 2010 field season, subject to contractor availability. The ground EM data will be used to assist in the planning of potential follow up drilling, which would be expected to be completed in the third quarter of calendar 2010.

### ***Pine Creek (EL24815)***

Data from the airborne electromagnetic survey completed in 2009 at Pine Creek identified a deep conductive zone coincident with an aeromagnetic anomaly at the Stray Creek West target area, which was interpreted to represent a palaeochannel. The October / November 2009 field program was designed to ground truth the interpreted palaeochannel in the Stray Creek West target area, with work undertaken consisting of an XRF survey on four east – west trending traverses across the target area, for a total of 364 XRF data points.

Field observations of the geology identified outcropping limestone in the majority of the target area and there was no field evidence to support the presence of the interpreted palaeochannel. The XRF survey identified a coincident Pb – Zn zone mid way along the second traverse, with values up to 251 ppm Pb and 546 ppm Zn. A number of sporadic anomalous uranium values, peaking at 26ppm, were also returned.

A low level detailed aeromagnetic (radiometric) survey will be conducted for the greater Stray Creek West area extending east to the Stray Creek radiometric target, to assist in the mapping of structures and the identification of potential uranium accumulations.

The Company intends to complete some infill XRF traverses and prospecting on the Pb – Zn zone prior to committing to a gradient array IP survey to cover the anomalous Pb – Zn zone and extending east to the Stray Creek radiometric target. A positive outcome from the gradient array IP survey will result in the completion of follow up dipole – dipole IP.

This work is intended to provide enhanced definition of the potential Pb – Zn mineralised zone as well as potential uranium mineralised zones to enable the planning of potential follow up drilling. Contractors have been appointed for the low level detailed aeromagnetic survey with the expectation that the magnetic survey will commence around mid May 2010. It is proposed that if the Company commits to the IP surveys they would potentially be tied in with the McArthur River ground EM survey. Timing for this geophysical work will be subject to contractor availability.

#### ***Dunmarra (EL25838) and Wiso (EL25835)***

The field exploration programs completed at Dunmarra and Wiso were both designed to complete reconnaissance prospecting over regional radiometric anomalies defined from the reprocessing of the NTGS regional radiometric data. Work completed consisted of soil sampling, prospecting, scintillometer and XRF surveys for a total of 25 soil samples, XRF and scintillometer data points at Dunmarra and a total of 57 scintillometer points, 91 XRF points, 38 soil samples and 7 rock chip samples at Wiso. The results from both programs indicate that there is limited potential for the definition of significant near surface uranium, gold or base metal mineralisation. The Board is currently reviewing its options in regards to both tenements.

#### **New Projects**

The Company will continue in its search for new projects with the focus remaining on uranium; however other commodities are being considered.

**- ENDS -**

***For more information please contact:***

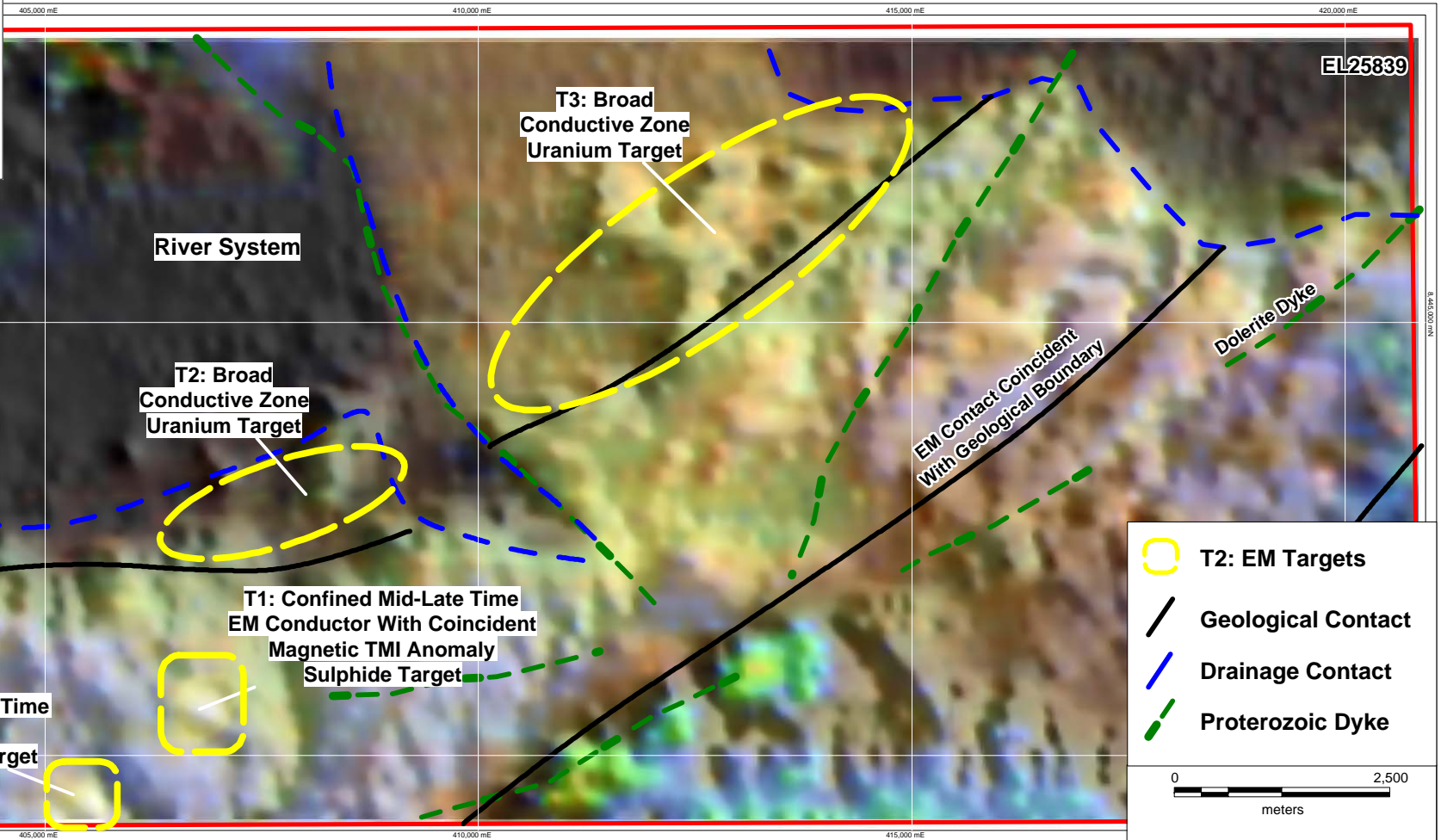
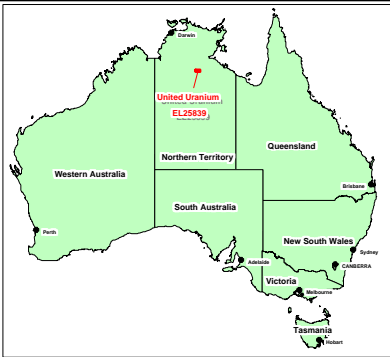
**George Lazarou**  
**Executive Director**  
**T: +61 8 6436 1888**

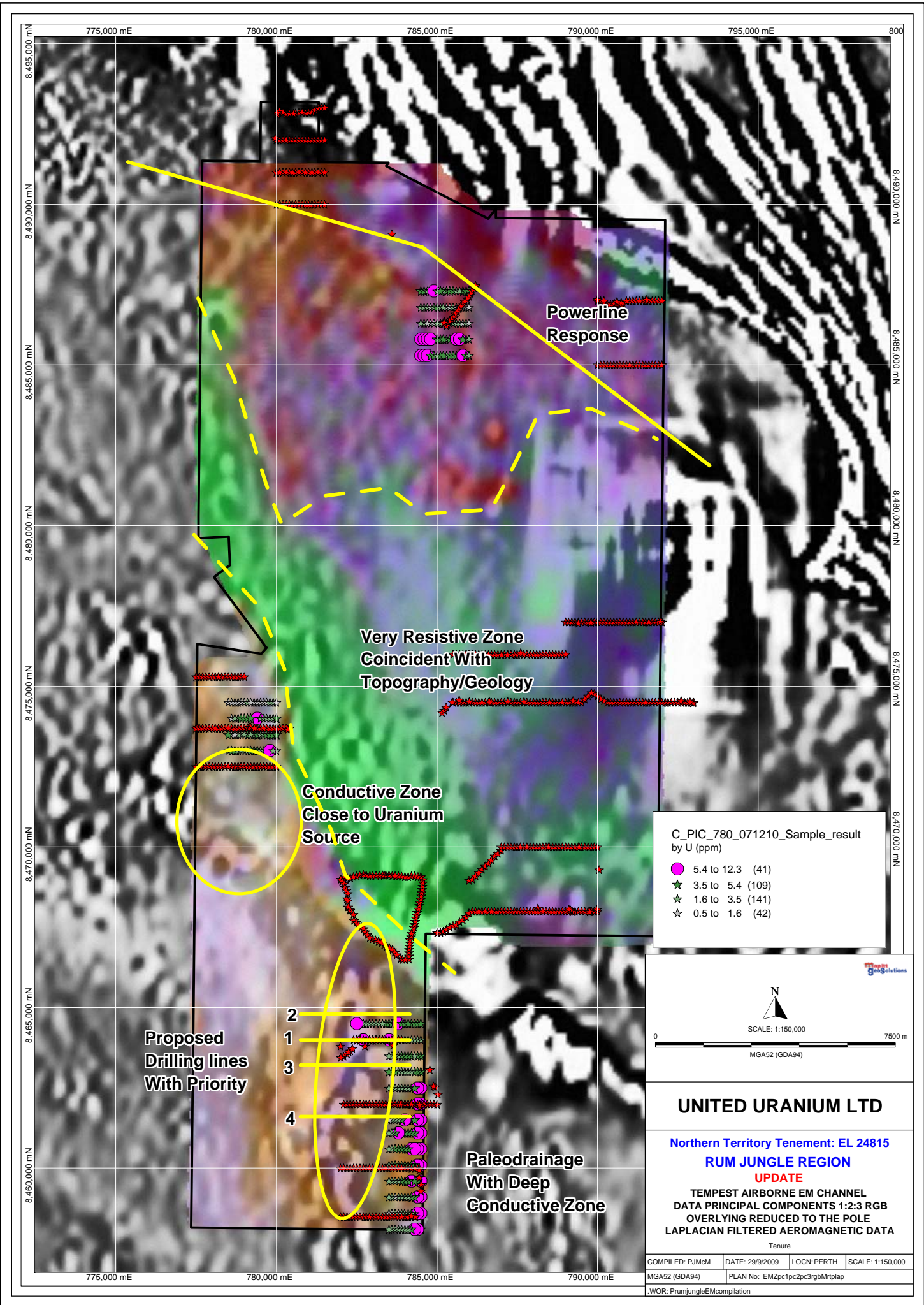
*The review of exploration activities contained in this report is based on information compiled by Ian Prentice, a Director of independent consultants Zephyr Consulting Group Pty Ltd, and a member of the Australian Institute of Mining and Metallurgists. He has sufficient experience which is relevant to the style of mineralisation under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the December 2004 edition of the Australian Code for reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). Ian Prentice has consented to the inclusion in this report of the matters based on his information in the form and context in which it appears.*

# McARTHUR RIVER PROJECT



## VTEM AIRBORNE ELECTROMAGNETIC SURVEY TARGETS





Powerline Response

Very Resistive Zone  
Coincident With  
Topography/Geology

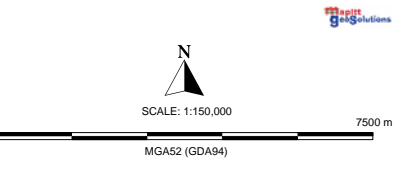
Conductive Zone  
Close to Uranium  
Source

Proposed  
Drilling lines  
With Priority

Paleodrainage  
With Deep  
Conductive Zone

C\_PIC\_780\_071210\_Sample\_result  
by U (ppm)

- 5.4 to 12.3 (41)
- ★ 3.5 to 5.4 (109)
- ★ 1.6 to 3.5 (141)
- ★ 0.5 to 1.6 (42)



**UNITED URANIUM LTD**

**Northern Territory Tenement: EL 24815  
RUM JUNGLE REGION  
UPDATE**

TEMPEST AIRBORNE EM CHANNEL  
DATA PRINCIPAL COMPONENTS 1:2:3 RGB  
OVERLYING REDUCED TO THE POLE  
LAPLACIAN FILTERED AEROMAGNETIC DATA

|                 |                                 |             |                  |
|-----------------|---------------------------------|-------------|------------------|
| COMPILED: PJMcM | DATE: 29/9/2009                 | LOCN: PERTH | SCALE: 1:150,000 |
| MGA52 (GDA94)   | PLAN No: EMZpc1pc2pc3rgbMrtplap |             |                  |

.WOR: PrunjungleEMcompilation