Titleholder: Uranium West Ltd (50%), Rum Jungle Uranium Ltd (50%)
Operator: Rum Jungle Uranium Ltd
Tenement Manager: Ross McColl
Tenement: EL24834
Project Name: Warrego North
Report Title: Fourth Annual Report for EL 24834, Warrego North, Tennant Creek NT, period ended 04/04/2010
Author: Nigel Doyle and Jenna Nowland
Corporate Author: Rum Jungle Uranium Ltd
Target Commodity: Uranium, gold, base metals
Date of Report: 29/4/2010
Datum/Zone: GDA94/ Zone 53
250K mapsheet: Tennant Creek SE5314
100K mapsheet: Short Range 5659
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SUMMARY
During the fourth year of tenure, rock chip sampling and ground radiometric prospecting was carried out. Two samples were taken and analyser by hand held XRF. No interesting results were obtained. Geophysical interpretation of the gravity data was undertaken to try and reveal any targets in the south east corner of the tenement.

A total of $17,593 was spent against a covenant of $22,000.

INTRODUCTION
EL 24834 was granted to Uranium West Pty Ltd on April 4 2006. In August 2007, an Exploration Joint Venture Agreement (JVA) was signed with Rum Jungle Uranium Ltd over two EL’s in Rum Jungle (EL 24866 and EL 24898) and two in Tennant Creek (EL 24835 and EL 24834). Rum Jungle Uranium Ltd is operator of the Joint Venture and has now earned 50% of the venture after spending $600,000. RJU will earn another 25% by spending $500,000 over the four tenements during 2009-2010. EL 24834 has been partially relinquished and now consists of six blocks of land.

EL 24834 is located 50km north west of Tennant Creek. It is located on the Short Range 1:100,000 map sheet and the Tennant Creek 1:250,000 map sheet. The tenement was pegged to explore for IOCGU mineralisation, vein type and unconformity type uranium mineralisation. The tenement is underlain by the “hot” Warrego Granite.
EL24834 is part of Rum Jungle’s Tennant Creek Project which consists of thirteen granted tenements.

**GEOLOGICAL SETTING**

EL24834 is located in the Flynn Sub Group of the Palaeoproterozoic Churchill’s Head Group of rocks which consist of relatively undeformed and un-metamorphosed sedimentary rocks and volcanics. The Flynn Sub Group overlies the older deformed Warramunga Formation which hosts the Tennant Creek goldfield. The younger Warrego Granite intrudes the Wundirgi Formation of the Flynn Sub Group and outcrops throughout the tenement.

Outcrop on the tenement is limited with a large proportion of the tenement overlain by recent Cainozoic scree and colluvial fans of sand, soil and regolith. The recent sediments overlie the Warrego Granite that can be seen outcropping in parts of the tenement (Pgw).

Figure 2. Local Geology
PREVIOUS EXPLORATION
The area has historically been explored for Tennant Creek style IOCG mineralisation with limited ground work conducted by Uranium West during the first year of tenure.

Exploration during the second year of tenure was limited to an airborne geophysical survey flown at 100m line spacing by UTS Geophysics. The airborne survey was approximately 600 line km in total as part of a larger 5800 line km survey flown over the Tennant Creek project area in early 2008.

During the third year of tenure a reconnaissance field trip by helicopter was undertaken and three rock chip samples taken. Subsequent work included additional interpretation of airborne magnetic and radiometric datasets to generate additional field targets. Nine sites were investigated using vehicular access to the EL and limited geological mapping was undertaken due to poor outcrop and difficulty of access. Eight regolith samples and two further rock chip samples were taken and analysed using Rum Jungle’s recently acquired Niton hand held XRF. Of interest is a quartz porphyry outcrop coincident with a mild radiometric anomaly TC049. A ground gravity survey was also undertaken by Fugro Ground Surveys at 200m station spacing in the SE portion of the tenement.
CURRENT EXPLORATION
A reconnaissance trip was undertaken to further investigate magnetic and radiometric targets with regolith/soil sampling. Two rock chip samples were assayed by hand held Niton XRF and results are displayed below (Table 1).

Table 1: Results from Niton XRF May 2009

<table>
<thead>
<tr>
<th>FIELDNAME</th>
<th>NOTE</th>
<th>As</th>
<th>Cu</th>
<th>Zn</th>
<th>U</th>
<th>Th</th>
<th>Ni</th>
<th>Cr</th>
<th>Fe</th>
<th>Mn</th>
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<tr>
<td>TC054SL01</td>
<td>orange sand plain over granite 140cps</td>
<td>7.20</td>
<td>18.63</td>
<td>16.59</td>
<td>6.31</td>
<td>4.10</td>
<td>55.19</td>
<td>99.83</td>
<td>17960.28</td>
<td>247.24</td>
<td>81.54</td>
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<tr>
<td>TC052</td>
<td>ironstone nth of qtz porph not so good</td>
<td>59.26</td>
<td>-1.00</td>
<td>-1.00</td>
<td>-1.00</td>
<td>-1.00</td>
<td>266.91</td>
<td>-1.00</td>
<td>2095079.75</td>
<td>1087.94</td>
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</tr>
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Figure 4: Sample locations on radiometric background

PROPOSED EXPLORATION ACTIVITY YEAR 5
Further geophysical interpretation of the ground gravity data will be undertaken to see if deeper targets are evident in the data and if an infill survey at 50m spacing is warranted to detect targets or structure.
PROPOSED EXPENDITURE YEAR 5

Wages $3000
Geophysics Interpretation $3000
Office Costs $2000
Total Expenditure $8000

CONCLUSION
No drill targets have yet been defined on the tenement. Infill gravity surveys will be considered to try and define drill targets in the south east corner of the tenement to find a northern Warrego extension or look-alike target.