

**FERMI URANIUM PTY LTD**

ABN 14 120 807 267

## **BRUMBY DAM**

**EXPLORATION LICENCE EL25700**

### ***ANNUAL REPORT FOR THE PERIOD ENDED AUGUST 2009***

Tenement(s):	EL25700
Owner:	Fermi Uranium Pty Ltd (100%)
Operator:	Fermi Uranium Pty Ltd
Date:	November 2009
Distribution:	Fermi Uranium (1) NT Department of Regional Development, Primary Industry, Fisheries and Resources (1)

## **1.0 SUMMARY**

EL 25700 (the "Tenement") occurs north east of Alice Springs on the Alice Springs (SF5314) 1:250,000 map sheet. Fermi Uranium Pty Ltd ("Fermi") acquired the tenement through application as per the table below.

**Table 1:** Tenement Schedule.

<b>Permit</b>	<b>Area km<sup>2</sup></b>	<b>Application Date</b>	<b>Grant Date</b>	<b>Comments</b>
EL 25700	35	6-Nov-06	24-Aug-07	100% Fermi

The permit was part of a joint venture arrangement with Newera Uranium Limited ("New era") until March 2009. At this point, New era ceased exploration activities and withdrew from the joint venture.

Field work for the 2009 exploration program (permit year 2) comprised a brief rock chipping program and field reconnaissance visit. Results are included in this report. Total expenditure was \$26,248.

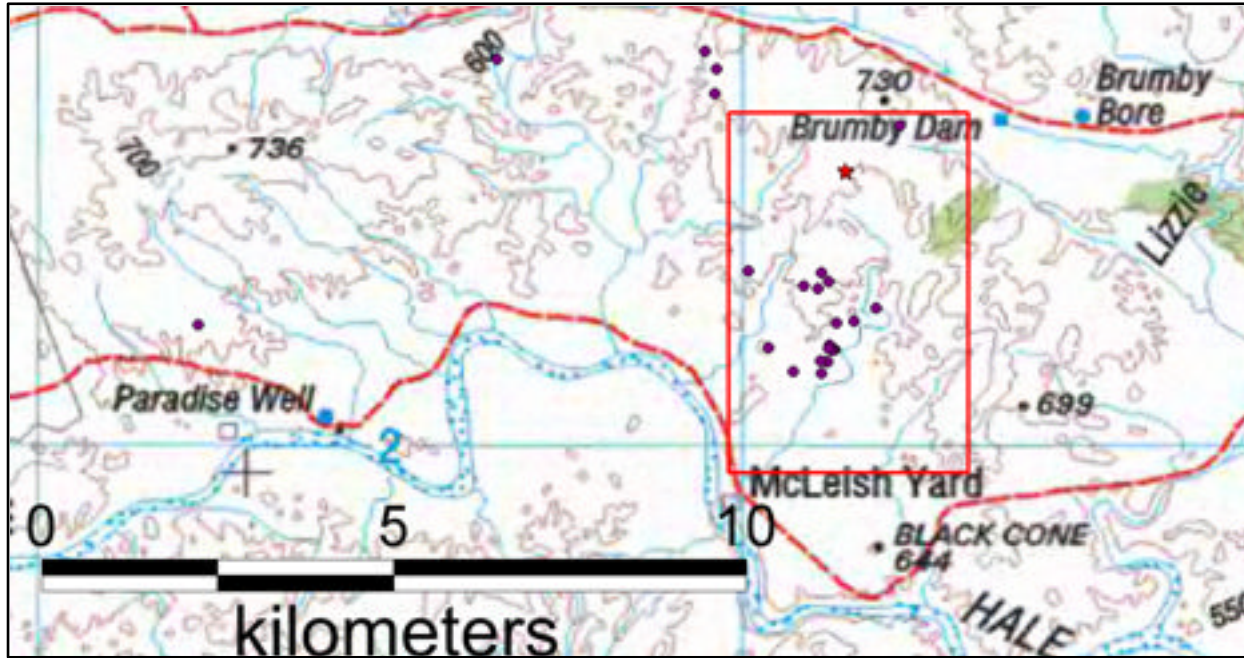
## **2.0 LOCATION and ACCESS**

The Tenement is located approximately 115 km north east of Alice Springs (Figure 1). Access is via the Arltunga road and local tracks.



Figure 1: Location Map for EL25700.

### 3.0 GENERALISED EXPLORATION CONCEPT



**Figure 2:** Local uranium-rare earth occurrences from the NTGS.

The occurrences highlighted above in Figure 2 are hosted in pegmatitic dykes and mylonites. The occurrences above were taken from *Hussey, K.J., 2003, Rare earth element mineralisation in the eastern Arunta Region. Northern Territory Geological Record, 2003-004.*

The previous operator acquired two rock chip samples as tabulated below while investigating the area for base metals potential. Samples appear to have been selected on the basis for having potential for potassic alteration and are marked with red stars above.

Sample ID	Project	Project Area	Easting	Northing	V ppm	P2O5 %	K %	Sr ppm	Th ppm	U ppm	S %	Ca %	Al %
NR111	Brumby	B1	491444	7424203	13	0.06	0.38	297	3	1	0.48	1.94	7.8
NR112	Brumby	B1	491433	7424240	6	0.03	0.53	443	2	<1	<0.01	1.99	7.5