

**ASX  
ANNOUNCEMENT**

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**Thundelarra Exploration Ltd**

ABN 74 950 465 654

ACN 085 782 994

For further information  
regarding Thundelarra  
Exploration Ltd contact:

**Brett Lambert**  
Managing Director

or

**Brian Richardson**  
Executive Director

Phone: + 61 8 9321 9680

Fax: + 61 8 9321 9670

**Website:**

[www.thundelarra.com](http://www.thundelarra.com)

**Email:**

[info@thundelarra.com.au](mailto:info@thundelarra.com.au)

**Registered Office:**

Suite 2, Level 3,  
IBM Building  
1060 Hay Street,  
West Perth  
Western Australia 6005

PO Box 7363, Cloisters  
Square Perth Western  
Australia 6850



## **DRILLING INTERSECTS HIGH GRADE URANIUM AT THE THUNDERBALL PROSPECT N.T.**

Assay results have been received for the first two holes from a diamond drilling program currently underway at the Thunderball Uranium Prospect in the Pine Creek region of the Northern Territory. Both holes intersected a broad zone of strong uranium mineralisation with a narrower high grade core.

Hole TPCDD001 returned **10.0 metres at 556 ppm U<sub>3</sub>O<sub>8</sub>** including **2.0 metres at 1,204 ppm U<sub>3</sub>O<sub>8</sub>**. Hole TPCDD002 returned **9.0 metres at 518 ppm U<sub>3</sub>O<sub>8</sub>** including **1.2 metres at 1,848 ppm U<sub>3</sub>O<sub>8</sub> (4 lb/t)**. The final metre sampled from each of the two holes assayed 472 ppm U<sub>3</sub>O<sub>8</sub> and 330 ppm U<sub>3</sub>O<sub>8</sub> respectively, suggesting that the mineralised zone may possibly be wider than the extent of current sampling.

Visible uranium mineralisation has been observed in drill core from all five holes completed to date. All of the drill intercepts are interpreted to be within the same zone of mineralisation with an estimated true width of eight to nine metres.



### **Secondary Uranium Mineralisation in Thunderball Drill Core**

The mineralisation observed in the drill core consists of secondary uranium minerals coating partly oxidised pyritic-hematitic fractures within a sequence of bedded carbonaceous shales, tuffs and cherts. The mineralised fracture system appears to be related to a late stage fault-zone which strikes north-north east and dips moderately-steeply to the west. This fault is likely to have been the conduit for the uranium mineralisation and is thought to be associated with the regional Hayes Creek Fault Zone.

The five completed diamond holes were drilled at the south west extension of the Thunderball prospect on EL23509 over which Thundelarra has an option to acquire a 100% interest. Channel and rock-chip sampling at this location had previously returned assays of up to 8,153 ppm U<sub>3</sub>O<sub>8</sub> (18 lb/t) (ASX release 10 February 2009).

The diamond drill rig has been relocated 500 metres to the north east to follow up RC drilling that returned intersections of up to 3 metres at 2,964 ppm U<sub>3</sub>O<sub>8</sub> (ASX release 21 January 2009). The mineralisation at both locations is very similar in style and there is potential for continuity between the two sites, however scree cover limits the ability to evaluate this through surface mapping and sampling. Following completion of the diamond drilling program a more extensive RC drilling campaign is planned to test the extent of uranium mineralisation at greater depth and along strike.

### Thunderball Diamond Drillhole Details

Hole Number	East	North	Dip/Az	From-To	Interval	Est. True Width	U <sub>3</sub> O <sub>8</sub> ppm
TPCDD001	772302	8501003	-55/100	24-34m	10.0m	9.0m	556
including				27-29m	2.0m	1.8m	1,204
TPCDD002	772301	8501003	-65/100	27-36m	9.0m	8.0m	518
including				30-31.2m	1.2m	1.0m	1,848
TPCDD003	772303	8500964	-60/100	Assays Awaited			
TPCDD004	772302	8500964	-85/100	Assays Awaited			
TPCDD005	772310	8501027	-80/90	Yet to be Sampled			

Note: Datum is MGA Zone 52 GDA94. Collars position recorded using GPS. Intercepts calculated using 200ppm U<sub>3</sub>O<sub>8</sub> lower cut.

The details contained in this report that pertain to ore and mineralisation are based upon information compiled by Mr Brian Richardson, a full-time employee of the Company. Mr Richardson is a Member of the Australasian Institute of Mining and Metallurgy (AUSIMM) and 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 December 2004 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves" (JORC Code). Mr Richardson consents to the inclusion in this report of the matters based upon his information in the form and context in which it appears.