

**ASX
ANNOUNCEMENT**

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Thundelarra Exploration Ltd

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THUNDELARRA
EXPLORATION

THUNDERBALL PROSPECT DRILLING UPDATE

Thundelarra is pleased to report that good progress has been made on the drilling program currently underway at the Thunderball Uranium Prospect. To date 12 reverse circulation (RC) holes have been completed for total length of 1,572 metres.

No assays are available as yet, but elevated levels of radioactivity were recorded in most holes, with intensity ranging from 1,000 counts per second (CPS) to off-scale (>10,000 CPS).

Visible uranium mineralisation in hole TPCRC008 was more abundant than any previous hole drilled at Thunderball. The photograph below shows the results from panning a "handful" of drill cuttings from 123 metres down hole in TPCRC008. The black mineral within the pan has been identified as uraninite (pitchblende), a primary uranium mineral.



Hole TPCRC008 was collared approximately 50 metres north east of diamond drill hole TPCDD006 that returned 3.1 metres at 2,447 ppm U_3O_8 from a depth of 96 metres, including 0.5 metres at 8,992 ppm U_3O_8 (20lb/t U_3O_8) (ASX 21 July 2009).

Five of the holes just completed did not appear to intersect the targeted structure where it had been projected. The drill crew is currently on break. All holes completed to date will now be surveyed and the mineralised intercepts modelled in 3D to improve estimation of dip and strike prior to drilling recommencing. A number of diamond holes are also planned for the current program to further assist structural and geological interpretation.

Thunderball was discovered by Thundelarra in 2008 and is one of several new uranium occurrences identified by the Company since it commenced exploration in the Pine Creek region of the Northern Territory in 2007. The prospect is situated on exploration licenses EL23509 and EL23431. Thundelarra has an option to acquire a 100% interest in EL23509 and holds a 70% interest in the uranium rights on EL23431 in joint venture with Crocodile Gold Australia Pty Ltd.

Hole TPCRC008 was drilled on EL23431 with collar co-ordinates of 772 771 mE, 8 501 463 mN at an azimuth of 134° and dip of -70°. Datum is MGA Zone 52 GDA94 and the collar position was recorded using GPS.

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.