



UXA Resources Limited

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The Manager
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ASX ANNOUNCEMENT

Dome 5 infill drilling reveals widest zone of high grade lead-zinc-silver mineralisation to date

**High grade lead zinc silver intersection from DF12:
3.0m grading 15.8% Pb (lead) + Zn (zinc),
including 0.36m grading 31.4% Pb, 12.0% Zn and 435 ppm Ag (silver)**

Additional drilling also confirms second zone of mineralisation

UXA Resources Limited ("UXA Resources" (ASX:UXA)) is pleased to announce very encouraging high grade lead- zinc- silver assay results from 3 diamond drill holes at the Dome 5 zinc-lead-silver prospect, located 50km northwest of Broken Hill on the Mundi Plains, NSW.

Infill drilling results from diamond drill hole DF12 has intersected **3.0m** of high grade sphalerite and galena mineralisation grading **15.8% Pb + Zn from 315.0m**. This includes a high grade zinc zone of **0.69m** grading **0.45% Pb, 29.9% Zn and 34 ppm Ag** and a **0.36m** zone of very high grade silver-rich galena mineralisation grading **31.4% Pb, 12.0% Zn and 435ppm Ag**.

A second zone of mineralisation, 5m below the high grade zone, returned 1.29m grading 6.88% Pb + Zn and 20 ppm Ag from 322.76m.

Managing Director of UXA, Dr Russell Penney said, "In comparison with assay results from the initial Dome 5 discovery, UXA's infill drill hole DF12 has recorded the best result to date in terms of the intersection's width and the high grade content and this is located within 250m of previously intersected high grade zinc-lead-silver mineralisation."

Assay result details are included in Table 1. DF 12 is situated approximately 250m in between holes DF02 and DF06, previously drilled by Teck Australia Pty Ltd ("Teck"), both of which had mineralised intersections (see Figure 2) in the same limestone horizon and along with UXA's DF09 (see ASX release 06 May 2011) appear to define a higher grade area of mineralisation.

Drill holes DF02 and DF09 also show a second, lower zone of mineralisation.

Results of step-out holes DF10 and DF11 appear to show a tapering of the mineralisation to the north and southwest (Figures 2,3), with 0.2m @ 6.92% Pb + Zn from 334.6m in DF10 and 0.32m @ 5.73% Pb + Zn from 333.61m in DF11.

Of the planned seven hole program three holes remain to be drilled, with step-out hole DF13 (Figure 1) currently nearing completion and the other two holes should be completed in the next 10 days.

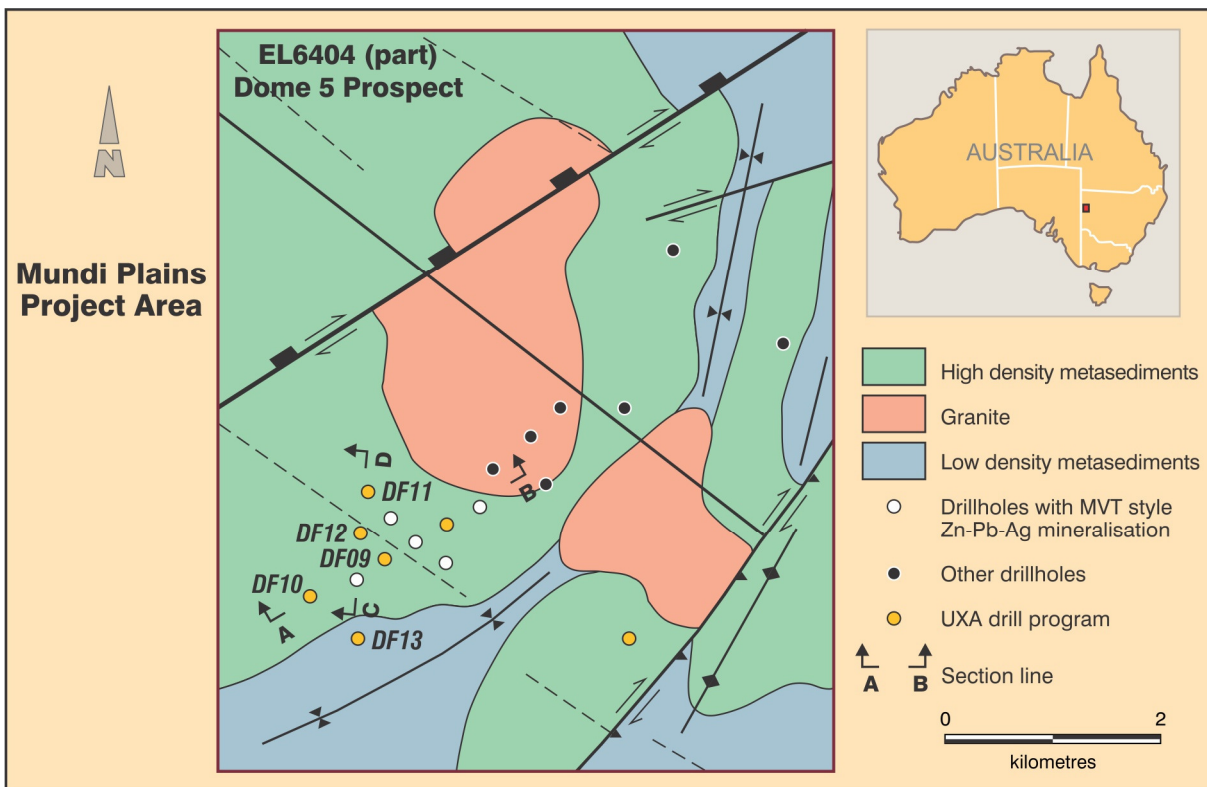


Figure 1. Dome 5 MVT zinc-lead-silver prospect with current (DF09 - DF13) drill hole locations

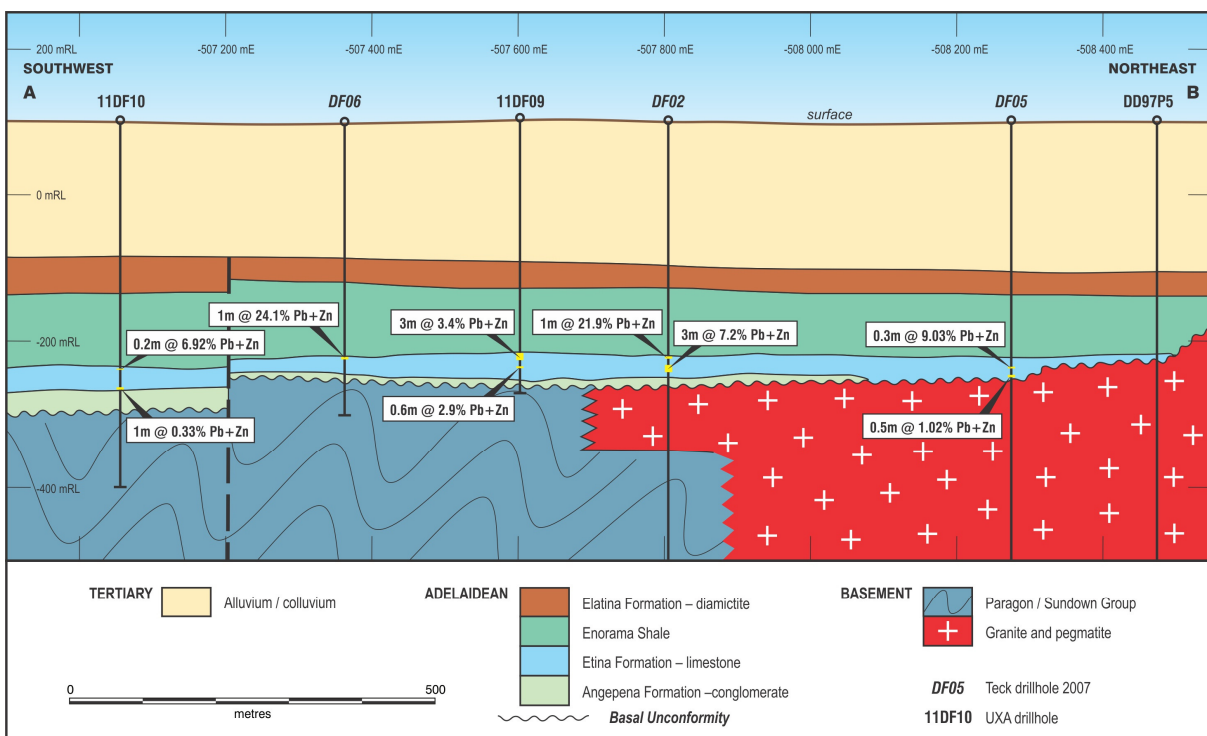


Figure 2. Cross section A-B showing drill results (refer to Figure 1 for location).

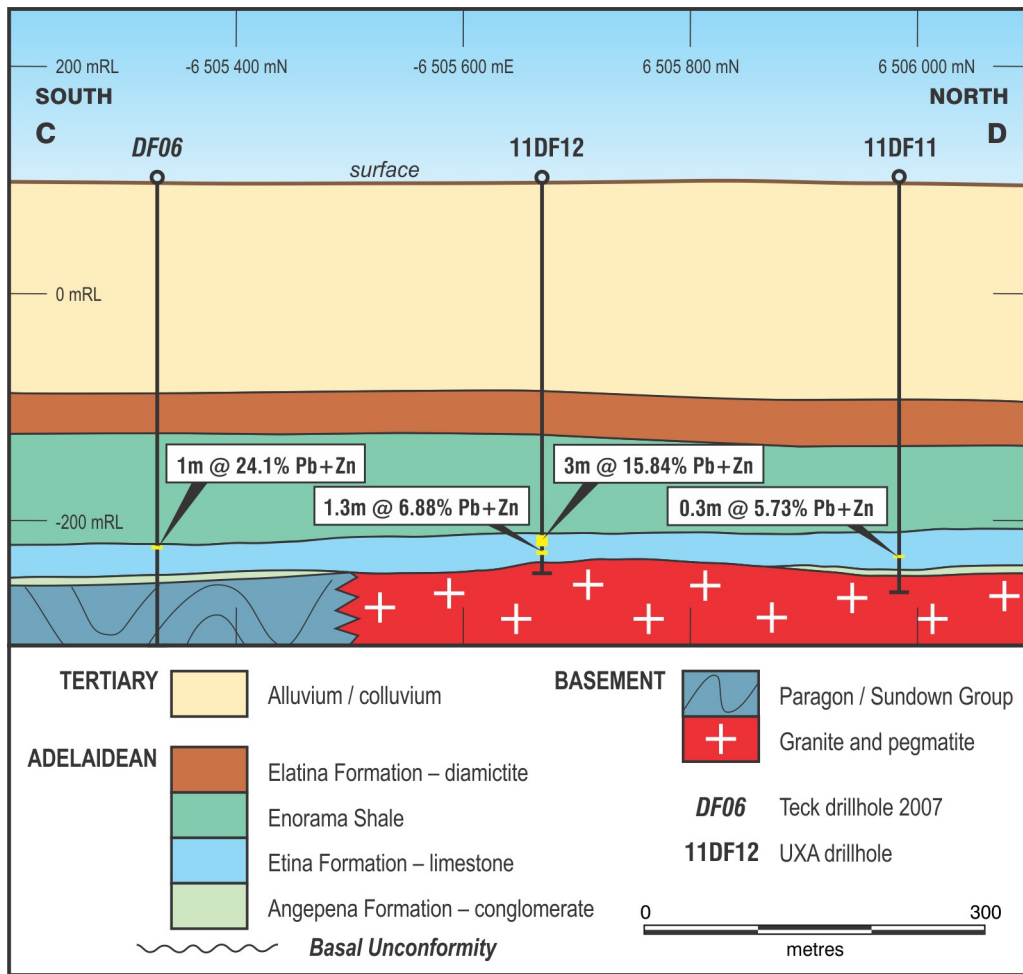


Figure 3. Cross section C-D showing drill results (refer to Figure 1 for location).



Figure 4. Photographs of high grade silver-rich galena (at 317.25m) and high grade sphalerite (at 316.25m) mineralisation from DF12.

Hole	Easting	Northing	From (m)	To (m)	Interval (m)	Pb+Zn (%)	Pb (%)	Zn (%)	Ag (ppm)	
11DF10	507042	6505187	334.6	334.8	0.2	6.92	0.1	6.82	5	
			348	349	1.0	0.33	0.01	0.32	<2	
11DF11	507491	6505976	333.61	333.93	0.32	5.73	2.86	2.87	27	
11DF12	507426	6505663	315	318	3	15.84	4.04	11.80	62.91	
			includes	315.59	316.25	0.66		0.49	15.1	9
				316.25	316.94	0.69		0.45	29.9	34
				317.25	317.61	0.36		31.4	12	435
				322.76	324.05	1.29	6.88	0.7	6.18	19.71
			includes	322.76	323.0	0.24		2.92	12	72
		323.5	324.05	0.55		0.25	9.14	13		

Table 1. Dome 5 - Diamond Drill Results, May 2011

Sampling and Assay method: sawn half drill core samples were crushed and milled to 85% passing 75um in accordance with Amdel's PREP2,3 sample preparation procedure, prior to assay using metallurgical grade digest with ICPOES finish in accordance with Amdel's MET1 process. All holes drilled vertically – GDA94 (Zone 54).

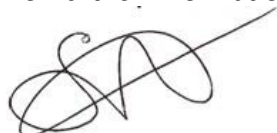
About Dome 5

The initial Dome 5 zinc discovery at Mundi Plains was made by Teck, a wholly owned subsidiary of the major Canadian mining company Teck Resources Limited, in joint venture with PlatSearch NL in 2007.

The discovery was of Mississippi Valley Type (“MVT”) mineralisation in a flat lying zone at approximately 320 metres depth. The mineralisation lies close to the base of the Adelaidean sedimentary sequences where they on-lap onto a granite dome (“Dome 5”). All of the 5 holes drilled within a one square kilometre area encountered sphalerite-galena mineralisation, with two high grade mineralised intersections returning up to 0.85m @ 19.15% Zn, 4.9% Pb, 83ppm Ag.

UXA has an option agreement to earn up to 100% of Teck's joint venture interest subject to certain earn-back rights to a 65% UXA interest retained by Teck (see 14/9/10 ASX release for terms of the agreement) and has agreed to an initial A\$1.2M spend on exploration, targeting MVT style zinc-lead-silver mineralisation and IOCG-style copper gold mineralisation.

For further information, contact.



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Technical Information in this report is based on information compiled by Dr Russell Penney who is employed by UXA Resources Limited and who is a Fellow of The Australasian Institute of Mining and Metallurgy. Dr Penney has sufficient exploration 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 2004 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (“JORC 2004”). Dr Penney consents to the inclusion in this release of the matters based on his information in the form and context in which it appears.

About UXA Resources Limited

UXA Resources Limited is actively exploring for base metal, uranium and Heavy Rare Earth Element (HREE) deposits in world class mineral provinces in Northern Territory, Western Australia, New South Wales and South Australia. UXA has also secured strategic joint venture partners which include RIL Australia Pty Ltd, a subsidiary of Reliance Industries Limited, the largest private sector company in India and Straits Resources Limited to advance a pipeline of exploration assets.

During 2010 UXA has successfully commenced exploration on its Nabarlek exploration licences in the Northern Territory and signed an agreement with Teck Australia Pty Ltd to explore the Dome 5 MVT style zinc-lead-silver discovery in New South Wales and adjacent areas for iron oxide copper gold (IOCG) type Cu-Au deposits.

In the Canning Basin, Western Australia, UXA has assembled a package of 5 tenements covering 885km² to explore for sandstone hosted uranium.

UXA's joint venture agreement with Straits Resources Ltd allows Straits to explore nine of UXA's Stuart Shelf tenements (South Australia) for IOCG(U) deposits. Straits have the right to earn a 70% interest in the tenements by spending \$10 million on exploration over seven years.

UXA has also completed the purchase of an operating borehole logging business in the USA, extending the reach of its wire-line logging service, GAA Wireline. The UXA Group owns the worldwide rights to the Prompt Fission Neutron uranium logging tool which has a unique role to play in uranium deposits discovery by overcoming disequilibrium problems through direct measurement of uranium content in boreholes.

More information on UXA can be found on our website at www.uxa.com.au