

# TANTALUM

A U S T R A L I A   N L



30 June 2006

The Announcements Office  
Australian Stock Exchange Ltd  
Level 3, 20 Bridge Street  
SYDNEY NSW 2000

By ASX Online Transmission

Dear Sir,

Please find attached ASX/Media release regarding Exceptional Uranium Mineralization.

Yours faithfully

**Timothy King**  
**Company Secretary**

# TANTALUM

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30 June 2006

ASX CODE: TAA

## ASX ANNOUNCEMENT /MEDIA RELEASE

### EXCEPTIONAL URANIUM MINERALIZATION

As previously announced on 29 March 2006 and 9 November 2005, Tantalum Australia is continuing its program to explore for uranium on its tenements in the Gascoyne District of Western Australia centered about 70km northeast of Gascoyne Junction. A contract has recently been awarded for a detailed airborne survey of more than 4000 line-kilometers of radiometry and magnetometry.

Two samples, already in the possession of the company and taken from the company's previous rare metal operation at Arthur River in 2003, were recently assayed and revealed significant levels of uranium and rare earth elements, as follows:

| Sample | U     | Ta     | Nb     | Th    | Ti    | W     | Gd     | Pr     | Nd     | Ce    | Y     |
|--------|-------|--------|--------|-------|-------|-------|--------|--------|--------|-------|-------|
| GR01   | 6.66% | 3.63%  | 36.84% | 0.91% | 0.94% | 0.62% | 379ppm | 131ppm | 530ppm | 0.15% | 0.24% |
| GR02   | 0.20% | 12.80% | 9.42%  | 1.68% | 1.91% | 0.22% | 0.38%  | 0.68%  | 2.49%  | 6.34% | 0.57% |

Sample GR01 is a prospecting rock sample and was collected from the over size stockpile of the jig plant, generated from the processing of a nearby pegmatite and consists, largely of columbite and probably, pyrochlore. Sample GR02 is a jig concentrate of alluvial material from a nearby watercourse. Whilst these samples as yet do not represent measurable resources they do indicate the presence of a mineralized system enriched in uranium and associated elements.

The highly anomalous nature of the assays supports the company's decision to continue its exploration and as a result, a systematic geological mapping and surface sampling program will be carried out in the near future.

However it is important to be aware that the assays to date represent only two samples and that the planned mapping and sampling program will need to be completed before any definitive comments can be drawn on the prospectivity of the area.

Imants Kins  
Managing Director

Timothy King  
Chairman/Company Secretary

The information in this Report that relates to Exploration results is based on information compiled by Barry Rees who is a member of the Australasian Institute of Mining and Metallurgy. Barry Rees is a consultant geologist with over 40 years experience as geologist.

Barry Rees has sufficient experience which is relevant to the style of mineralization and type of deposit under consideration and to the activity for 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. Barry Rees consents to the inclusion in the report of the matters based on his information and the context in which it is used.