

# ASX ANNOUNCEMENT

25 September 2013

URANIUM EQUITIES LIMITED ACN 009 799 553



**URANIUM**  
EQUITIES

ASX Market Announcements Office  
via electronic lodgement

## Chalice Gold Mines Limited to farm into Oodnadatta & Marla Projects

*Chalice to fund exploration for IOCGU deposits in Gawler Craton*

### Highlights:

- **Farm-in joint venture agreement** over Oodnadatta and Marla Projects
- **Chalice Gold Mines Limited** (Chalice) right to earn 51% in both Projects by funding **\$2.5 million** including at least **2,000 metres** of drilling
- **Chalice** can elect to **earn 70%** of both projects by sole funding a total of **\$5.5 million** of exploration expenditure
- **Drilling** of high priority IOCGU targets on Marla Project to commence in the October 2013 quarter

Uranium Equities Limited (ASX: **UEQ**) is pleased to announce that Chalice Gold Mines Limited (ASX: CHN), has entered into a farm-in joint venture agreement over the Company's Oodnadatta and Marla Projects in South Australia.

The projects consist of 16 granted exploration licences totalling 7,746 km<sup>2</sup> situated at the underexplored northern margin of the Gawler Craton (*Figure 1*). The Company considers the tenements to be highly prospective for the discovery of economic Iron-oxide – Copper – Gold ± Uranium (IOCGU) deposits.

The farm-in agreement gives Chalice the right to earn up to 70% of both projects by sole funding a total of \$5.5 million in exploration expenditure. Chalice may earn an initial 51% by sole funding \$2.5 million. The initial program will include approximately 3,000 metres of combined rotary mud and diamond drilling on the Marla Project and a ground gravity survey over the Oodnadatta Project. The Projects will be managed by UEQ in the first 12 months.

Bryn Jones, Managing Director of UEQ said *"Uranium Equities is delighted to be working with a group of Chalice's experience and ability on our South Australian tenement package. The Chalice team has a strong track record of moving projects quickly from discovery to development."*

### Our Strengths

- Nabarlek – rare near mine exploration portfolio
- Multiple near term growth opportunities

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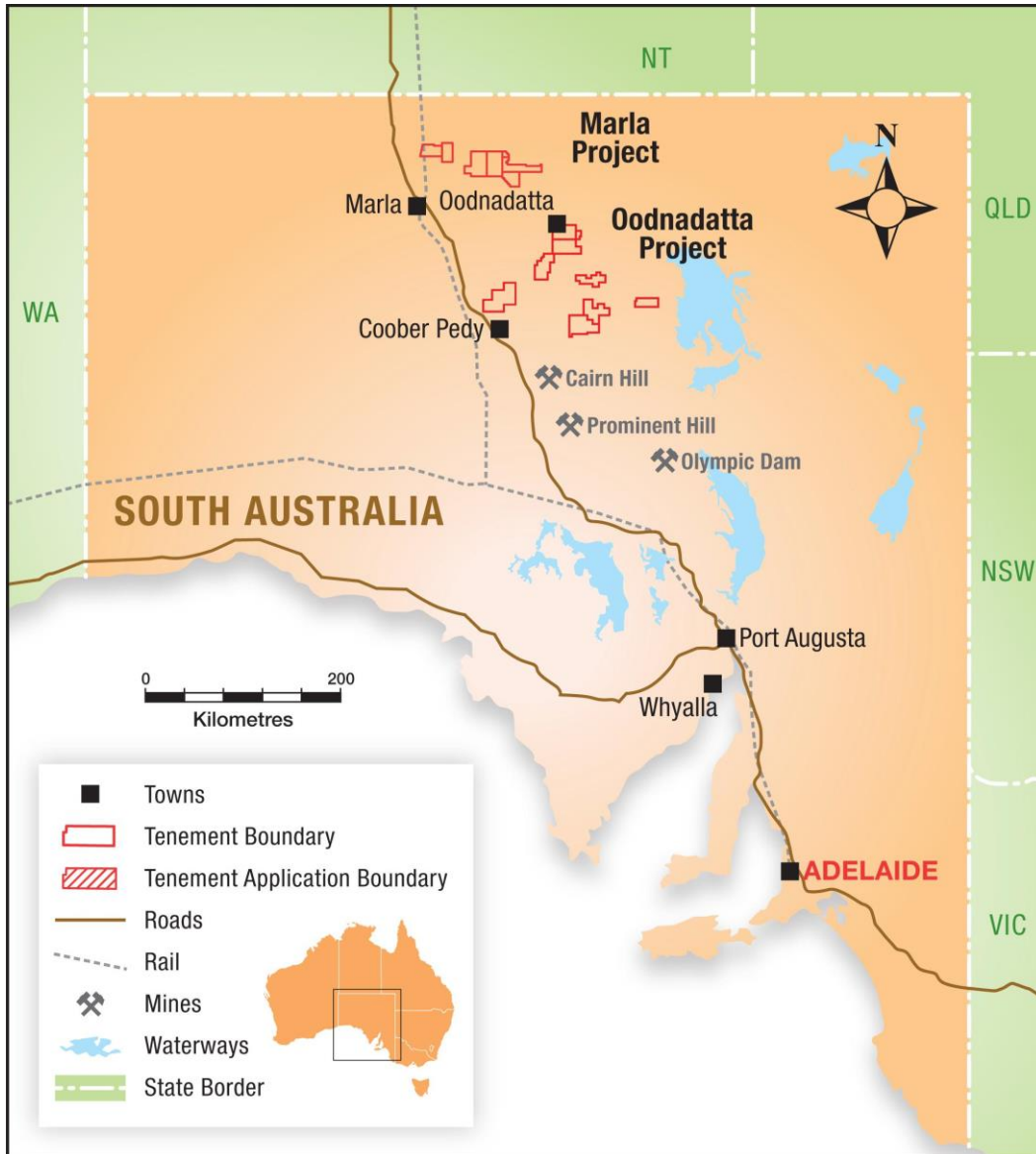


Figure 1 Project Location Map

## Exploration Potential

Both project areas are located on the Gawler Craton which is the premier region for Iron-oxide Copper – Gold ± Uranium (IOCGU) mineralisation and hosts deposits such as Olympic Dam, Prominent Hill and Carrapateena.

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The Marla Project is situated on the northern margin of the Gawler Craton and straddling a major suture zone between the Gawler Craton and Musgrave Block. Significant coincident magnetic and gravity features have been identified within a west-northwest trending structural corridor.

A detailed ground gravity survey was completed in 2011 comprising 2,000 stations over an area of 1,612km<sup>2</sup> at between 500m and 1km spacings. A \$40,000 co-funding grant was awarded as part of the South Australian Government's PACE 2020 Initiative to co-fund the gravity program.

The gravity survey identified several high priority target areas where gravity and magnetic anomalism coincide in areas of complex structural interactions. The stand out Todmorden Target area identified from the geophysics is a large fold-type magnetic feature with a coincident gravity response. Depth modelling of the highest priority Marla coincident gravity and magnetic targets has indicated the anomalies sit at less than 400m depth which makes these targets very compelling compared to other parts of the Olympic Dam Province.

The highest priority targets have all necessary drilling permits including heritage clearances and drilling is expected to commence in the October quarter. Drilling is planned to consist of 7 rotary mud – diamond core drill holes totalling 3,000 metres across the Todmorden, Rochdale, Smithybridge and Bacup Targets.

A further \$90,000 PACE co-funding grant was awarded in 2012 to undertake drilling at the Todmorden Target area.

The **Oodnadatta Project** tenements lie along and adjacent to the Peake – Denison Ranges which include the Peake Metamorphics and the Wirriecurrie Granite.

A review of existing geophysical data over the Oodnadatta Project has identified a number of significant coincident magnetic and gravity features with only limited gravity coverage over the highest intensity magnetic anomalies. An initial ground gravity program covering the most prospective targets is planned for completion in Year 1 to provide depth and targeting information for a drilling program.

Well defined large scale structural lineaments, known mineral occurrences and comparatively shallow basement depths make these two projects highly prospective for the next IOCGU discovery.

A handwritten signature in black ink, appearing to read "Bryn Jones".

Bryn Jones  
Managing Director

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## Competent Person Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr. Grant Williamson, Geology Manager - Exploration of Uranium Equities Limited, who is a Member of the Australian Institute of Geoscientists. Mr. Williamson has sufficient experience in the field of activity being reported 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, and consents to the release of information in the form and context in which it appears here.

## About Uranium Equities

Uranium Equities Limited (UEQ) is a uranium explorer with exploration activities directed at high quality exploration assets in Australia's premier uranium districts.

UEQ's key asset, the Nabarlek Project, provides a rare near mine exploration opportunity surrounding the historical Nabarlek uranium deposit (previous production: 24 Mlbs @ 1.84%  $U_3O_8$ ). The deposit lies within an extensive uranium mineral system which extends over more than 50 square kilometres within the Mineral Lease and the surrounding tenements. The mineral system which contains widespread anomalous uranium geochemistry and ore grade mineralisation at several locations remains largely untested.