

# Investor Presentation Focused on the Future

November 2014

David Williams – Managing Director

# Important Information

## **Disclaimer**

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## **Cautionary Statement**

The estimates of exploration target sizes mentioned above should not be misunderstood or misconstrued as estimates of Mineral Resources. The estimates of exploration target sizes are conceptual in nature and there has been insufficient results received from drilling completed to date to estimate a Mineral Resource compliant with the JORC Code (2004) guidelines. Furthermore, it is uncertain if further exploration will result in the determination of a Mineral Resource.

## **Forward Looking Statement**

This report may contain forward looking statements that are subject to risk factors which are based on MEU’s expectations relating to future events. Forward-looking statements are subject to risks, uncertainties and other factors, many of which are outside the control of MEU, which could cause actual results to differ materially from such statements. MEU makes no undertaking to update or revise the forward-looking statements made in this report to reflect events or circumstances after the date of this release.

## **Competent Persons Statement**

Information in this report relating to Exploration Results and Mineral Resources is based on information compiled by Daniel Gray as Senior Project Geologist of MEU, who is a Member of the Australian Institute of Geoscientists. He has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activities being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the “ Australasian Code of Reporting of Exploration Results, Mineral Resources and Ore Reserves.” Mr Gray consents to the inclusion in this report of the matters based on his information in the form and context in which it appears.

# Corporate Snapshot

**Marmota Energy (ASX: MEU) is a diversified mineral exploration and development company with key projects across the Cu-Ni, Cu-Au, uranium and iron spaces.**

## Capital Structure<sup>1</sup>

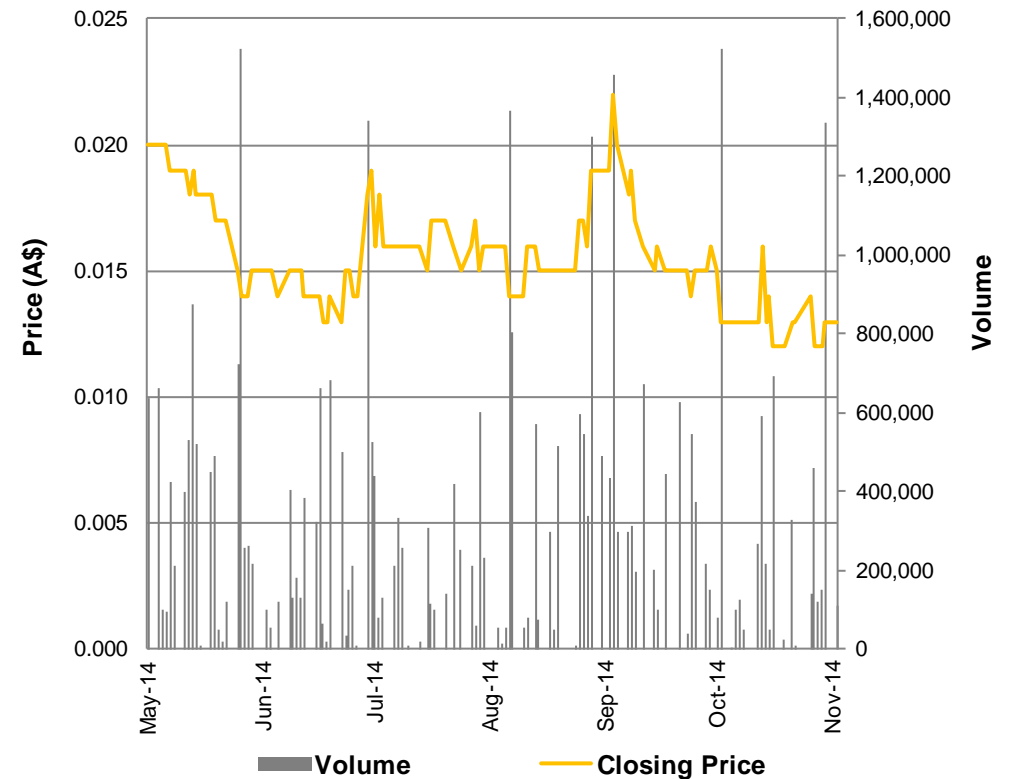
Shares on Issue	263M
Options	0.7M
Market Cap (at 1.3cps)	\$3.4M
Cash (as at 30 Sep 14)	\$1.12M

1) Current capital structure shown excluding non-renounceable rights issue that has been announced

## Board & Management

Chairman	Bob Kennedy
Managing Director	David Williams
Executive Director	Neville Alley
Non-Executive Director	Glenn Davis
CFO / Company Secretary	Virginia Suttell

## Trading History



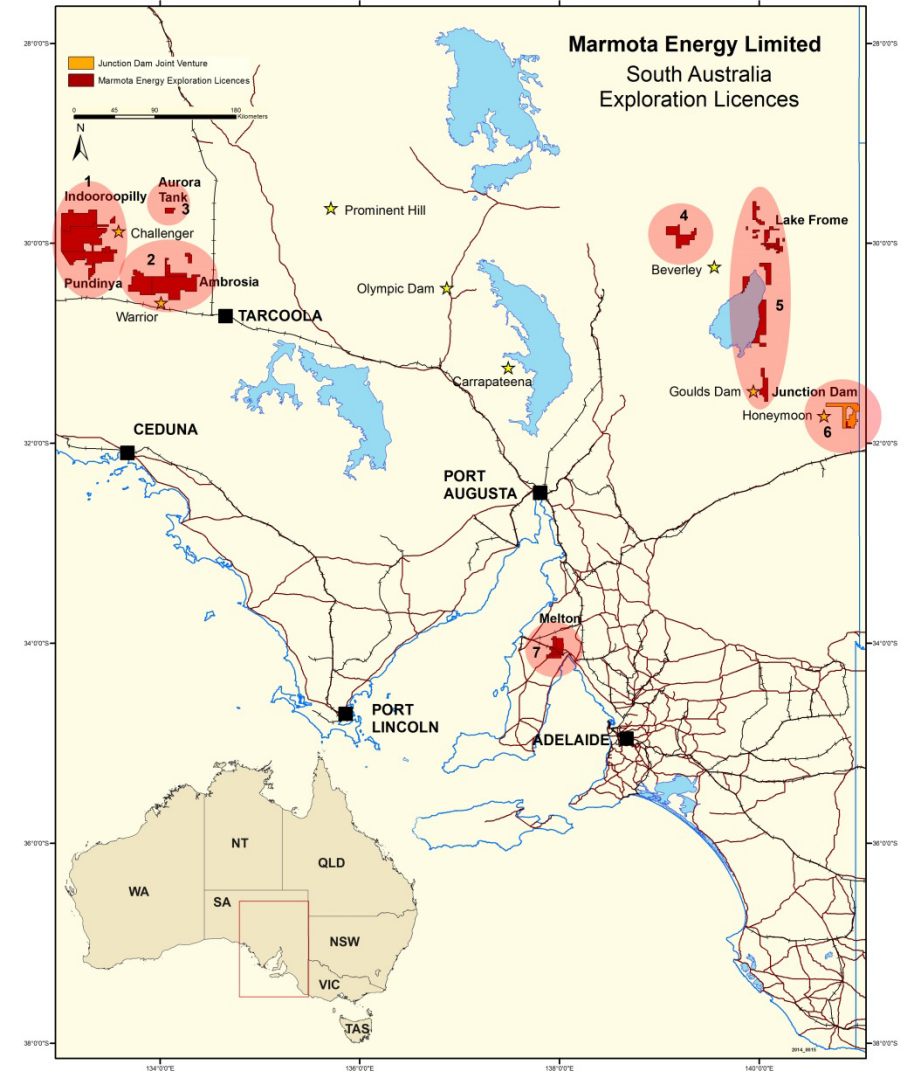
# Strategic Review

## Portfolio Overview

- Large portfolio covering 5,886 sq km across 26 tenements with multiplicity of targets but with high associated work commitments
- To ensure exploration expenditure is focused on highest priority targets, Marmota has recently conducted a strategic review

## Strategic Review Considerations

- Commodity – Is the tenement prospective for minerals that are attractive to the market?
- Resource – Are targets likely to produce a resource of a commercial size and grade?
- Commercialisation – Is there a realistic path to market?
- Timing – Can projects be commercialised within a reasonable timeframe?



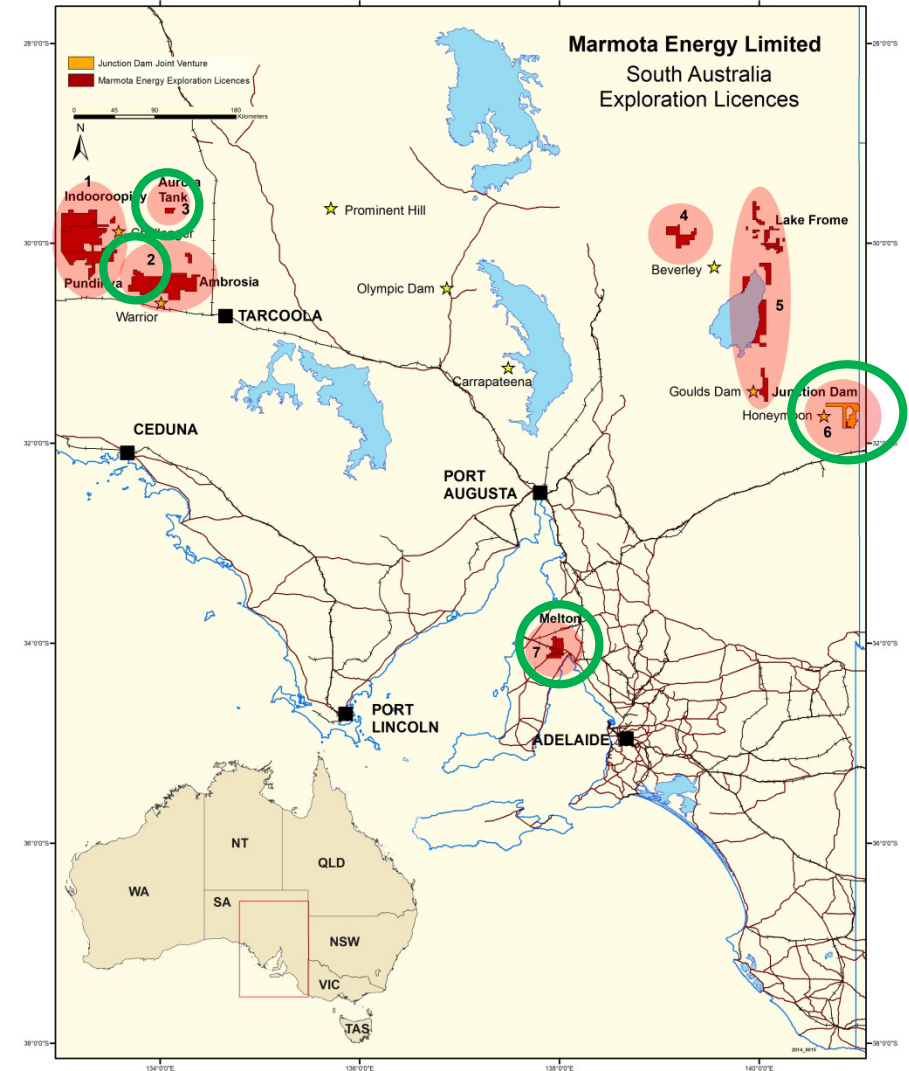
# Strategic Focus

## Review has resulted in a strategic focus on:

- 1) Junction Dam Uranium Project
- 2) Melton Copper Project
- 3) Aurora Tank Gold Project
- 4) Durkin Nickel (Pundinya) Project

## Rationalisation

- Market interest (acquisition, farm-in, JV) for non-core projects to be tested
- Failing market interest, non-core projects are to be relinquished
- Rudall East exploration applications in WA will not be pursued



# 1) Junction Dam Uranium Project

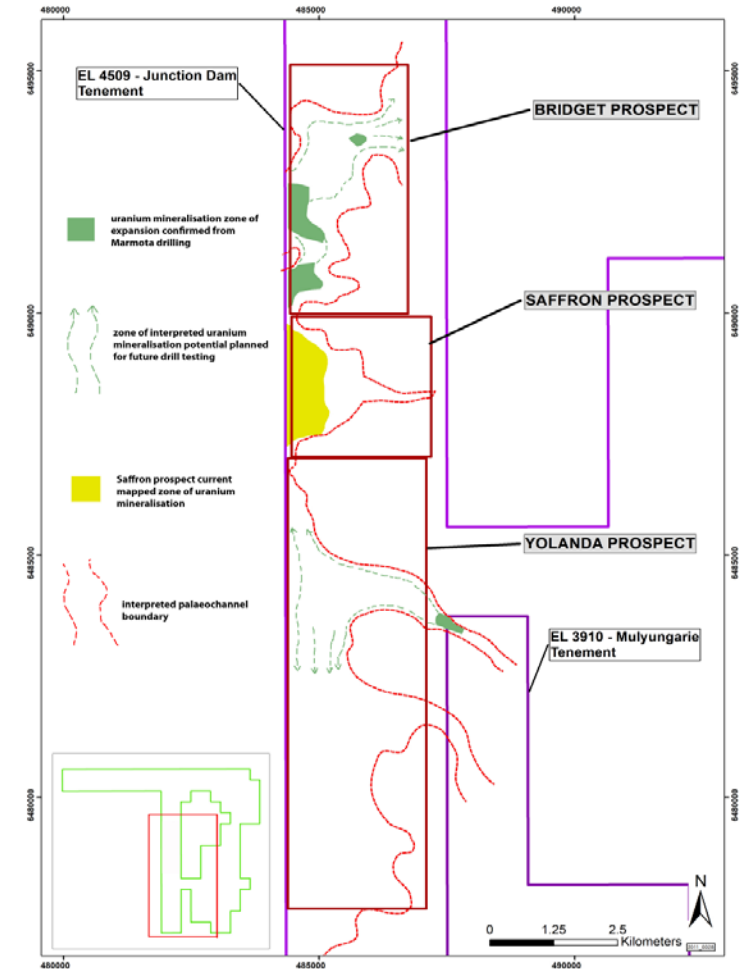
## Commodity: uranium

- Uranium prices starting to recover with industry cost curves forecasting commercially sustainable prices in 2-3 years

## Resource:

- Saffron deposit inferred resource of \*5.4 million pounds with average grade of 557ppm  $U_3O_8$  (see ASX Release of 18 July 2012)
- Overall exploration target (including Saffron deposit and Bridget and Yolanda prospects) of 22-33 million pounds  $U_3O_8$  (see ASX Release of 9 July 2012)

\* Upward revision of the Saffron deposit inferred resource size as indicated above follows the application of an average positive disequilibrium factor of 1.63. This is an indicative result and further assessment is underway.. It is uncertain if further exploration work or feasibility studies will result in the determination of an Ore Reserve



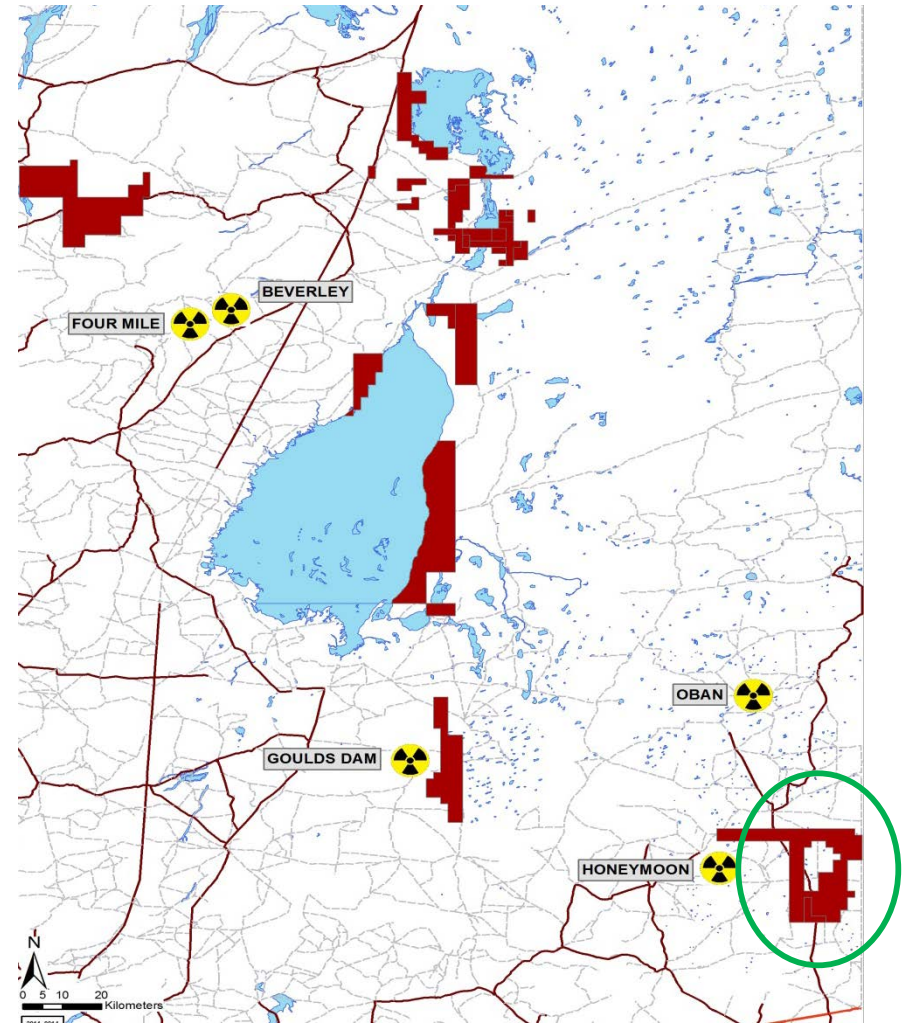
# 1) Junction Dam Uranium Project

## Commercialisation:

- Potential stand alone project
- Alternatively, located next door to Honeymoon Mine which could provide a route to market
- Can be extracted through in situ recovery which has low front end capex, quick production lead times and minimal impact to land surface

## Objective:

- Move Saffron deposit to a Retention Lease and develop understanding of potential of the entire Junction Dam project



# 1) Junction Dam Uranium Project

## Immediate forward exploration program next 6 months:

- Drill and install water monitoring wells, undertake pump tests to ascertain permeability and analyse water and flow;
- Undertake lithological logging and analyse extractability

## Next stage exploration program:

- Complete Saffron Retention Lease work;
- Drilling to expand size and extent of uranium resource at Junction Dam;
- Develop commercialisation options



Example of FLT unit



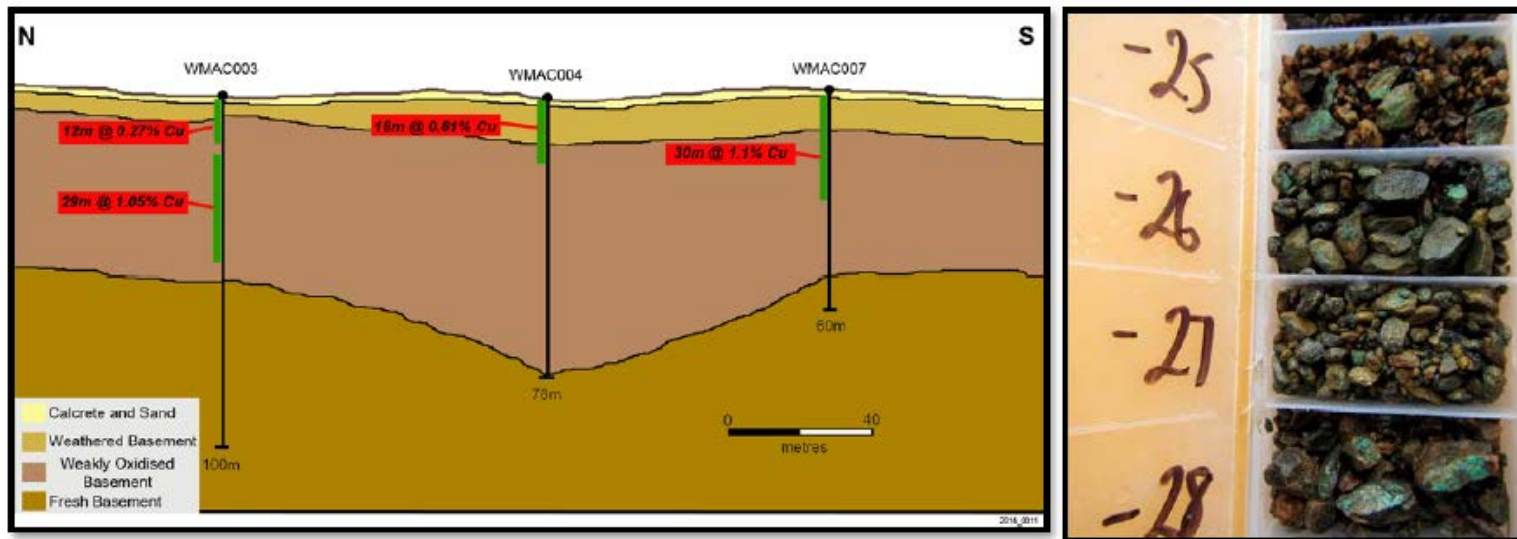
2009 drilling at Mulyungarie



## 2) Melton Copper Project

### Resource:

- High grade copper intersections up to 2.92% (see ASX announcement dated 7 May 2014) at Champion prospect with new target area, Melton Central, identified by the subsequent geophysical review



Champion Prospect drill holes, with examples of malachite logged in drill hole WMAC007

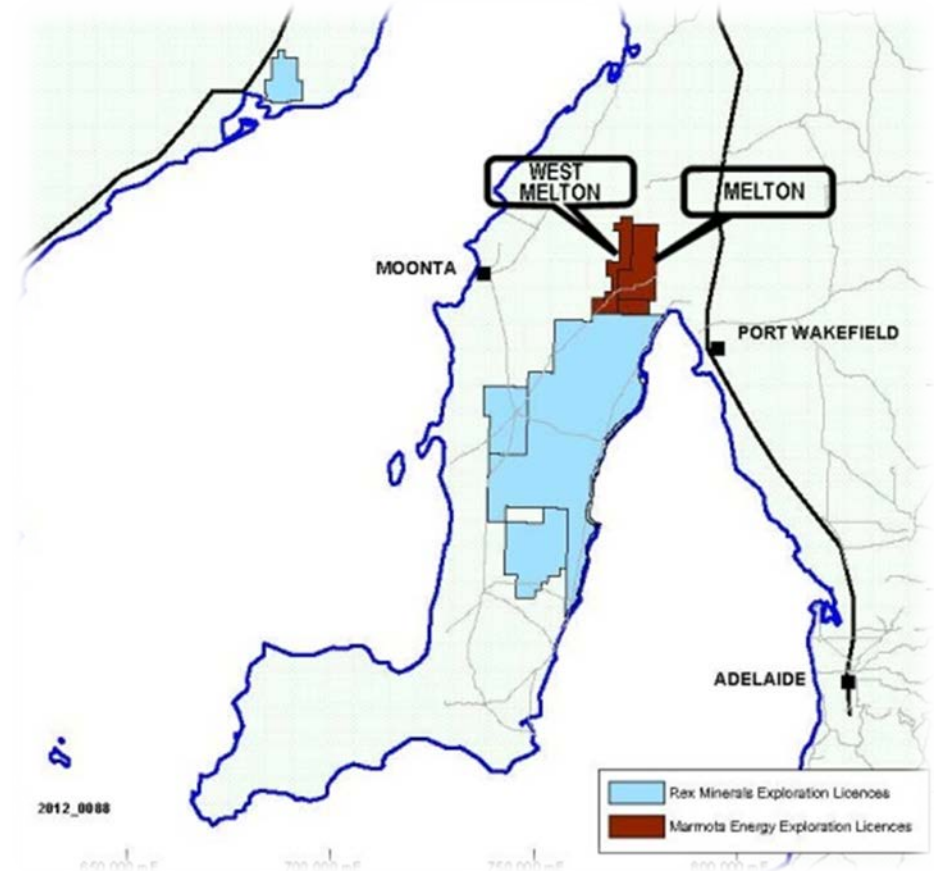
## 2) Melton Copper Project

### Commercialisation:

- Located adjacent to the Rex Minerals Hillside Project
- Rex Minerals has a mining lease, approvals to mine and now focusing on developing a mine for its shallow copper resource

### Objective:

- Develop exploration targets for the Melton project to demonstrate a sizeable shallow copper resource



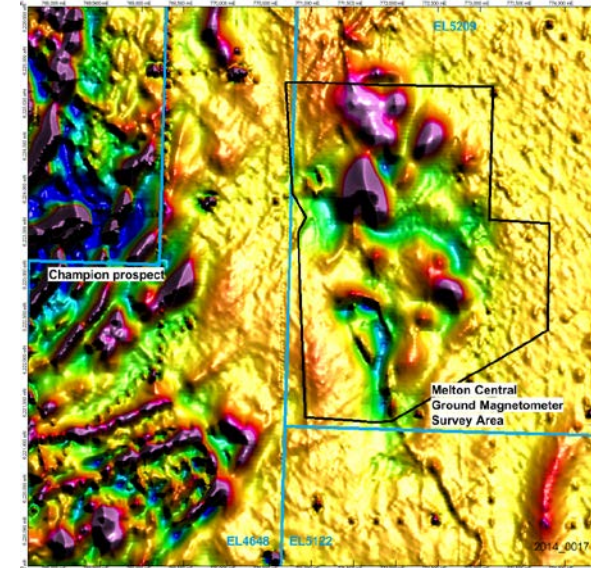
## 2) Melton Copper Project

### Immediate forward exploration program next 6 months:

- Complete ground magnetics over Melton Central
- Airborne EM over Champion and Central targets
- Targeted drilling on Champion and Central targets

### Next stage exploration program:

- Further drilling in and around Champion and Central
- Conduct downhole geophysics as part of that drilling



Magnetic image highlighting the geophysical anomalies at Melton Central



Drilling at Melton Project

## 3) Aurora Tank Gold Project

### Resource:

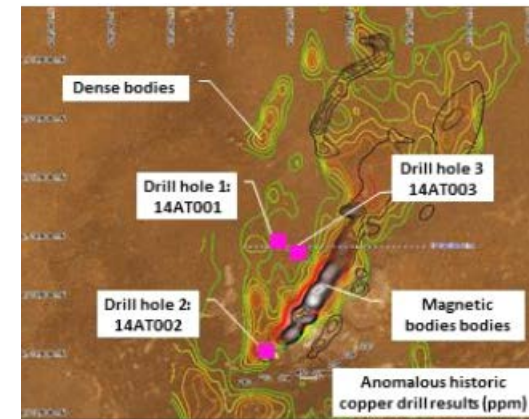
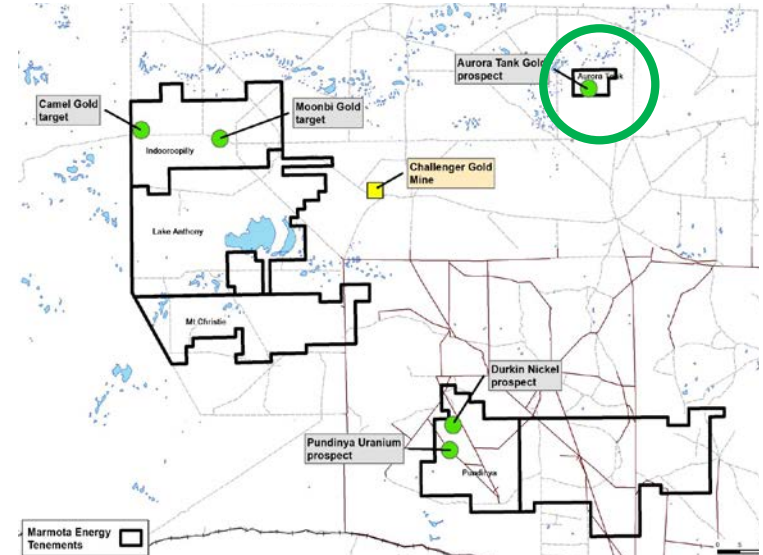
- Apollo Minerals reported initial drilling intersected high grade gold near surface including 5.0 g/t Au over 4 metres (see ASX Release by Apollo Minerals of 21 October 2014)

### Commercialisation:

- Early stage exploration but Marmota is 100% free carried by Apollo Minerals

### Objective:

- Retain whilst free carried by Apollo Minerals

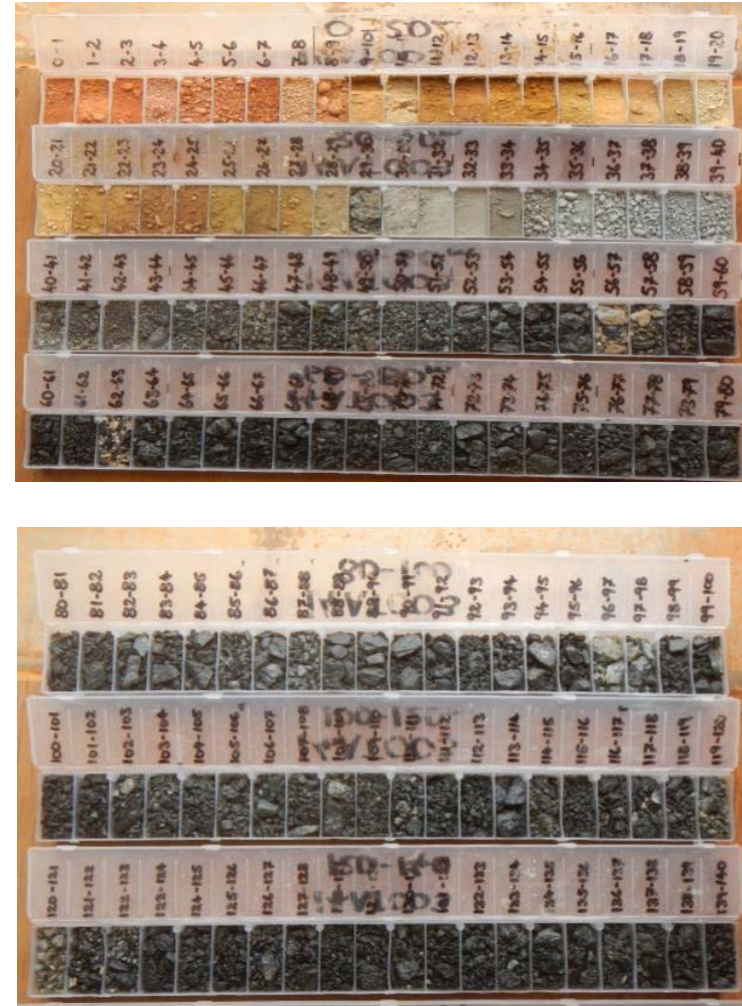


Drill collar location plan at the Mars Aurora Tank JV Project area

### 3) Aurora Tank Gold Project

#### Immediate forward exploration program next 6 months:

- Forward work program to be driven by Apollo Minerals
- Apollo Minerals have indicated that they will review induced polarisation data to help with targeting of follow-up drill holes designed to test for sulphide associated gold and copper mineralisation within the target zone (see ASX Release by Apollo Minerals of 21 October 2014).



Drill chips from 14AT003 drill hole

## 4) Durkin Nickel (Pundinya) Project

### Resource:

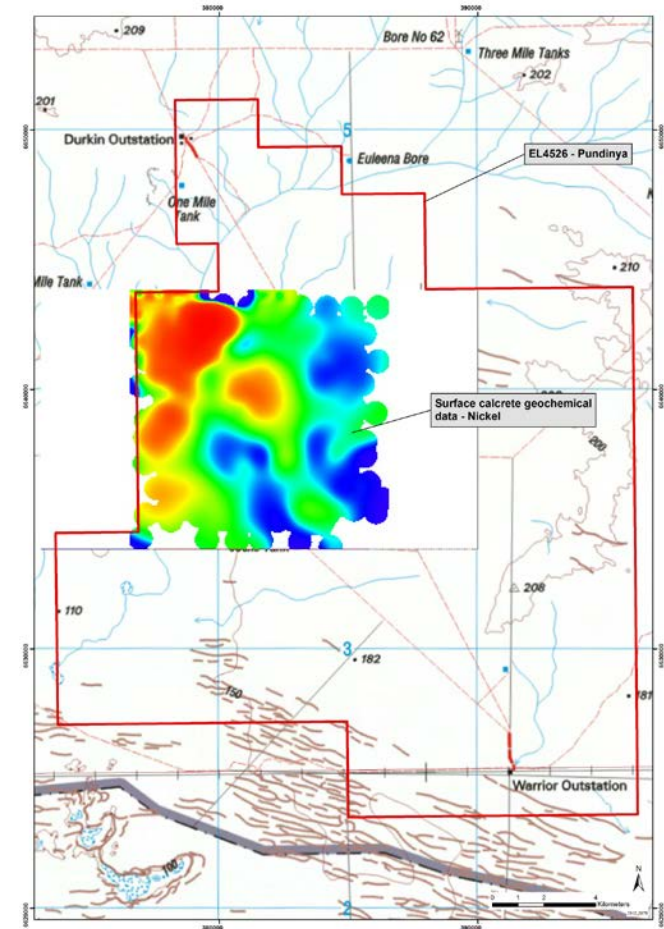
- Initial drilling produced significant grades of up to 1.38% nickel. Location provides potential for a reasonable resource

### Commercialisation:

- No similar mines in region, but with a good size resource can develop as in a good logistical location

### Objective:

- Test the nickel indications obtained to date to see if a larger resource exists



Nickel in calcrete anomaly

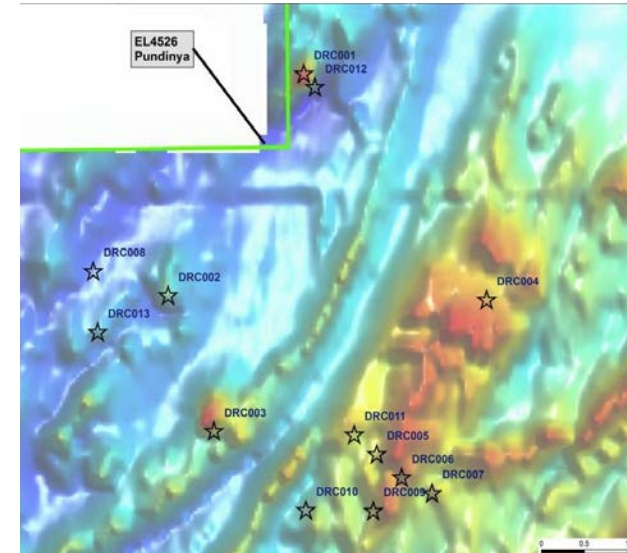
## 4) Durkin Nickel (Pundinya) Project

### Immediate forward exploration program next 6 months:

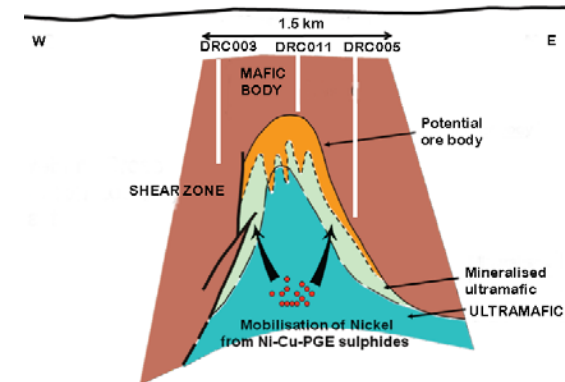
- Geophysics review to take into account the results from drilling
- Redrill selected holes and conduct downhole EM

### Next stage exploration program, if positive results from the above work:

- Further drilling and geophysics to determine size of resource
- Could involve testing other anomalies nearby



Location map of drill holes over magnetic image completed during Phase 1 at Durkin



Schematic illustrating generalised model for Durkin (diagram not to scale). Auebury model proposed as an analogue for Durkin

# Investment Proposition

## Strategy:

- ✓ Reduce focus to 3 core projects with 3 core commodities to ensure maximum value from investment dollar spend

## Commodities:

- ✓ Uranium's star is starting to turn so position key uranium asset to be at the front of the pack for commercialisation
- ✓ Copper and nickel provide good exposure in the meantime

## Management:

- ✓ Already had good explorationists, now have experienced commercial management and key uranium mining executives to develop the flagship Junction Dam Project

## Goal:

- ✓ Reduce the fragmentation of the spend and look to commercialise key projects



# Equity Raising Summary

- Marmota announced a non renounceable rights issue capital raising on 7 November 2014 to raise up to \$659,398 (approximately) before costs
- 1 new share for every 4 shares held, issue price \$0.01 per new share
- 1 free option for every 2 new shares subscribed for, exercise price \$0.02, expiry date 9 December 2015
- Funds raised focused on next 6 months' exploration work on the Junction Dam Project, Melton Copper Project and Durkin Nickel Project

## Indicative Timetable<sup>1</sup>

Prospectus Lodged with ASIC and ASX	7-Nov-14
"Ex" Date	11-Nov-14
Record Date	13-Nov-14
Prospectus and Entitlement and Acceptance Forms Dispatched	18-Nov-14
Opening Date	18-Nov-14
Closing Date	3-Dec-14
Shares quoted on a deferred settlement basis	4-Dec-14
Notification to ASX of under subscriptions	8-Dec-14
Issue date for New Securities	10-Dec-14
Trading of New Securities on ASX Commences	11-Dec-14

1) This timetable is indicative only and subject to change. The Company reserves the right to vary the dates of the Offer subject to the Corporations Act, ASX Listing Rules and other applicable laws.

# Contacts

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## Appendix – Uranium Market

- Spot price is on the rise – US\$42/lb for U<sub>3</sub>O<sub>8</sub> on 7 November 2014
- Approval given for the restart of first two reactors in Japan at Sendai
- *“Nuclear supporter Prime Minister Shinzo Abe is eager to return Japan’s idled reactors to service as replacement fuel costs, including expensive natural gas imports, continue to soar and contribute to an ongoing foreign deficit that began in June 2012” (TradeTech Nuclear Market Review, 7 November 2014)*

