



## ASX RELEASE

2 June 2011

**Major  
Diversified  
Western Australian  
Minerals Explorer**

- **Manganese**
- **Base metals**
- **Uranium**
- **Gold**
- **Iron ore**
- **Nickel**
- **PGE**

**40% owner of  
Diversified Minerals  
Explorer  
Desert Energy Ltd  
(ASX Listed)**

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## EXPLORATION DRILLING UPDATE

Aurora Minerals Limited (ASX:ARM) is pleased to announce results of the latest reverse circulation drilling campaign at its large Capricorn Southeast Manganese Project (“Mango Project”) and an update on drilling at its Glenburgh project, both in central Western Australia.

### Highlights

- **Best results Mango Project (from Isles Bore Prospect)**

- CSRC0549: 8m at 24.5% Mn (from 48m)
- CSRC0554: 4m at 19.3% Mn (from 44m) and  
8m at 21.3% Mn (from 70m)
- CSRC0555: 8m at 16.3% Mn (from 38m)
- CSRC0560: 14m at 10.9% Mn (from 6m)

*For details refer to Table 1*

- **Glenburgh Drilling**

- 3,100m drill program completed minor visible copper minerals noted in RC chips - assays awaited
- Airborne VTEM survey completed – initial analysis highlights several conductors for follow up

### Capricorn Southeast Project

#### *Isles Bore*

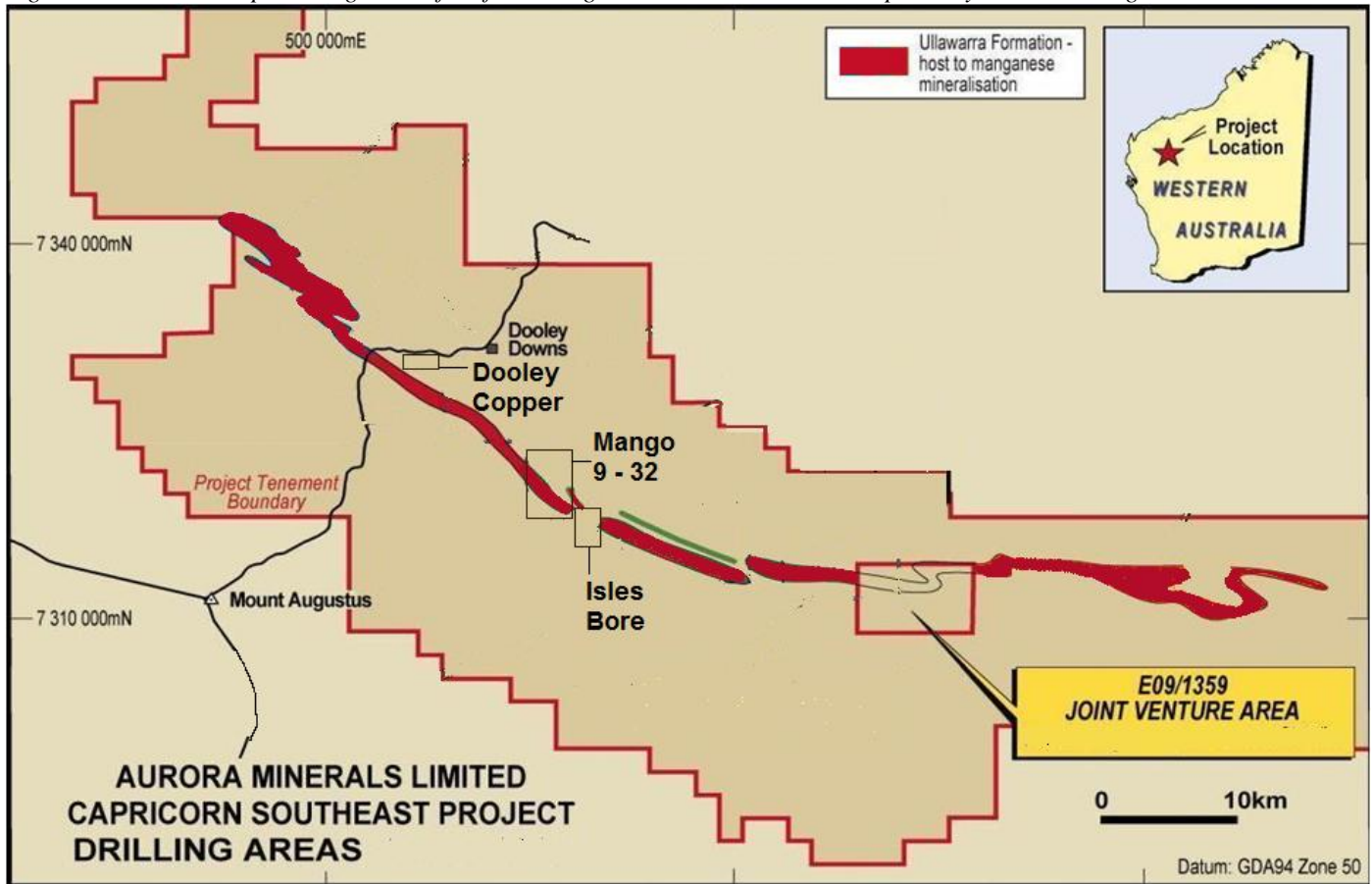
Approximately 1,100m of reverse circulation (RC) drilling on a nominal 50m by 50m grid was conducted at Isles Bore during April/May 2011 (Figure 1). The target was manganese mineralisation discovered in earlier drilling and which was considered to represent strike extension of the “Ridge” mineralisation buried under a shallow alluvial paleo-channel, possibly with secondary enrichment. Good thicknesses of up to 14m of manganese mineralisation were encountered showing a broadly east-west trend over some 200m of strike.

A ground based gravity survey has recently been completed over the Isles Bore Prospect to test whether the manganese intersected in the drilling can be correlated with a gravity response. Results of this survey are pending.

The buried portion of the Ridge mineralisation below the Isles Bore paleo-channel is estimated to be some 2km in strike and remains largely untested.

Similar paleochannels, bisecting and possibly obscuring buried Ridge mineralisation, have also been noted at Pikers Creek and Fox Bore which may form part of follow-up drilling programs later this year.

Figure 1: Location Map showing trace of surface Manganese Mineralisation and April/May 2011 drill targets



Approximately 680m of drilling was undertaken in the Mango 9-32 prospects (Figure 1) to follow up previous manganese intersections of Ridge mineralisation in this area. Due to access difficulties not all planned holes in this program were drilled; however no significant intersections were reported from the holes drilled.

## GLENBURGH PROJECT, DRILLING UPDATE

The first reverse circulation (RC) drill program has now been completed at Aurora's Glenburgh Project in central Western Australia. Glenburgh is located in the Gascoyne Metamorphic Province, approximately 100kms south of Aurora's Mango Project. A total of 31 holes were completed for 3098m drilled, with depths ranging from 53 to 176m.

The target is a 6.5km long section of the East-West Knotmi Fault where previous sampling and prospecting had identified anomalous copper-gold-uranium values in rock samples, and secondary surface copper minerals. Detailed work suggests that copper mineralisation is related to sets of steep-dipping to vertical, thin (5 to 30cm wide) quartz veins; individual sets being up to 10m wide with a NW-SE trend. Other vein sets on NNE and East-West trends (including the Knotmi Fault) appear to contain iron oxides after pyrite. Host rock is sericitic sandstone, bleached and with iron oxide after pyrite adjacent to the vein sets, and pale green-grey elsewhere with disseminated magnetite and biotite specs.

Fifteen holes intersected quartz vein sets with disseminated sulphides and these were sampled on 1-meter intervals. Minor copper mineralisation (confirmed by Niton XRF analysis onsite) was noted in several of

these intervals. The rest of the hole and the other holes were sampled as 2-meter composites. Samples will be analysed for a range of base metals plus gold. Results are expected late-June.

Elsewhere in the Glenburgh Project, prospecting and sampling has re-commenced over the Knotmi Fault zone, east of the drilling area, and along the NE-SW trending Deadman Fault, about 8km to the ESE. Results from this and processing/interpretation of the recently completed VTEM airborne survey are expected to define further targets for drill testing.

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*The information in this presentation that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Dr Robert S Taylor, a Member of The Institute of Materials, Minerals and Mining and Mr. John Jordan, a corporate member of the Australasian Institute of Mining and Metallurgy. Executive Director of Aurora Minerals Limited and Desert Energy Limited, Robert Taylor, and John Jordan, consultant, consult to the Companies through their respective consulting companies Able Kids Pty Ltd and Churchlands Consulting Pty Ltd.*

*Robert Taylor and John Jordan have sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which they are undertaking to qualify as Competent Persons as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Robert Taylor and John Jordan consent to the inclusion in the presentation of the matters based on this information in the form and context in which it appears.*

*The Companies' websites (www.auroraminerals.com and www.desertenergy.com.au) are recommended reading for interested market watchers, brokers and investors. The websites contain information on the Companies' projects, project maps, a list of the Companies' announcements to ASX, information on Native Title (including the tenement grant process and heritage surveys) including in the Desert Energy Prospectus, the legislative environments under which the Companies operate, Corporate Governance, a section on risks, many of which are common to exploration companies, and other useful information. A list of the Companies' announcements is also obtainable from the Australian Securities Exchange.*

*If you would like copies of announcements emailed to you please contact Ken Banks.*

*Table 1: Drill Intercepts – Isles Bore Drilling Program April/May 2011.*

Hole_Id	Northing_MGA	Easting_MGA	Azimuth	Dip	(from) m - (to) m	Interval m @%Mn
CSRC0546	7318603	517800		Vertical	24-28	4m@13.5%
CSRC0549	7318648	517853		Vertical	48-56	8m@24.5%
CSRC0554	7318705	517806	180°	60°	44-48	4m@19.25%
<i>and</i>					54-56	2m@12.2%
<i>and</i>					70-78	8m@21.3%
CSRC0555	7318754	517603	180°	60°	38-46	8m@16.3%
CSRC0558	7318704	517749	180°	60°	50-52	2m@16.3%
CSRC0559	7318699	517700	180°	60°	36-40	4m@10.2%
CSRC0560	7318647	517708	180°	60°	6-20	14m@10.9%