



## ASX RELEASE

23 June 2011

### Major Diversified Western Australian Minerals Explorer

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

### 40% owner of Diversified Minerals Explorer Desert Energy Ltd (ASX:ARM)

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## SIGNIFICANT COPPER MINERALISATION DISCOVERED IN MAIDEN GLENBURGH DRILLING

### Highlights

- **Broad zones up to 21m @ 0.5% Cu mineralisation in RC drilling**
- **Multiple copper intersections greater than 1% Cu**
- **Best one-meter copper interval of 2% Cu**
- **Mineralisation open along strike and with depth**
- **Approvals in place for approximately 15,000m of additional drilling**

Aurora Minerals Limited (ASX:ARM) is pleased to announce preliminary assay results from its Glenburgh Project.

The Glenburgh Project consists of twelve granted exploration licences and one application and is located in the Gascoyne Metamorphic Complex of central Western Australia (Figure 1).

The maiden Reverse Circulation (RC) drilling program was designed to test copper-in-soils anomalies as shown in Figure 2. These zones form semi-continuous anomalies over a strike length of some 6km situated immediately south of a prominent East-West fault zone that appears to cut basement and the overlying sediments. At the Western end of the soil anomaly rock chip samples have also been recorded displaying high-grade secondary copper minerals.

A series of broadly North-South oriented drill-lines with variably 1-4 drill-holes per section, were drilled into the anomaly for a total of 3,098m. Thirteen of 31 holes drilled reported significant copper mineralisation; results are summarised overpage and in Table 1. Copper mineralisation was encountered from near surface (e.g. in hole GRC0005) to a maximum depth of 145m down-hole (in hole GRC0013) representing the approximate depth limit of the Stage One RC drilling. Copper minerals reported from chip logging included malachite and chrysocolla from within the weathered zone transitioning to sulphide mineralisation typically associated with silicification +/- quartz veining within fresh rock. Variable gold grades up to 260ppb (0.26g/t) were recorded within the copper rich intersections.

Commenting on the RC drilling results Managing Director Martin Pyle noted: *"We are delighted with the early encouragement displayed by the Glenburgh Project. Considering this was our first drilling campaign in an area which has had little historical base metal exploration both the tenor and quantum of copper mineralisation is significant. We look forward to vigorously pursuing follow up drilling both at the Stage One targets and in new zones currently being delineated by prospecting and geophysics".*

## Commentary

Thirty-one RC drill holes were completed during the Stage One reconnaissance drilling program. Thirty of the 31 drill-holes were drilled to the north at a declination of 60°. Hole GRC0016 was drilled to the south (060° dip) as a scissor hole. Holes GRC0014, 15 & 16 were drilled on the one section and indicate that the mineralisation dips moderately to the south on this section.

Highlighted copper intersections include:

Hole ID	Interval from (m)	Interval to (m)	Significant Intersection (Cu)
GRC0005	22	23	1m @ 1.5%
	33	35	2m @ 1.5%
	55	62	7m @ 0.3%
GRC0006	55	56	1m @ 0.3%
	62	63	1m @ 0.5%
	68	70	2m @ 1.4%
GRC0007	87	94	7m @ 0.5%
	41	44	3m @ 0.6%
	36	40	4m @ 0.6%
		43	19m @ 0.6% (including 1m @ 2%)
GRC0014	64	65	1m @ 1.5%
	46	67	21m @ 0.5% (including 2m @ 1.7% and 2m @ 1.4%)
	44	51	7m @ 0.7% (including 2m @ 1.2%)
GRC0026	83	84	1m @ 0.4% Cu
	88	93	5m @ 0.5% Cu

*Details in Table 1*

Assay intervals were selected for 1m splits by visual assessment of prospective mineralisation. The balance of the drill-hole intervals were sampled as 2m composites. The results of the 2m composites for the remainder of the drilling are awaited. Copper minerals reported from chip logging included malachite and chrysocolla from within the weathered zone (the base of weathering is variable typically extending to around 30-50 meters below surface) transiting to sulphide mineralisation typically associated with silicification +/- quartz veining within fresh rock. Elevated gold, up to 100-260ppb, occurs sporadically within the copper mineralised zones assayed to date (results of 2m composites awaited).

## Follow up Work

The Stage One drilling campaign has delineated targets requiring high priority follow-up. Aurora will be seeking an RC drill rig to recommence drilling at Glenburgh as soon as possible. Approvals are currently in place for approximately 15,000m of additional drilling within the Stage One area. Meanwhile, processing of the airborne VTEM survey flown in April is nearly complete and when available will be used to refine targets within the Stage One area as well as generate additional targets with the broader Glenburgh Project area. Prospecting, mapping and sampling are also continuing.

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Figure 1: Location & Geology Sketch Map, Glenburgh Project

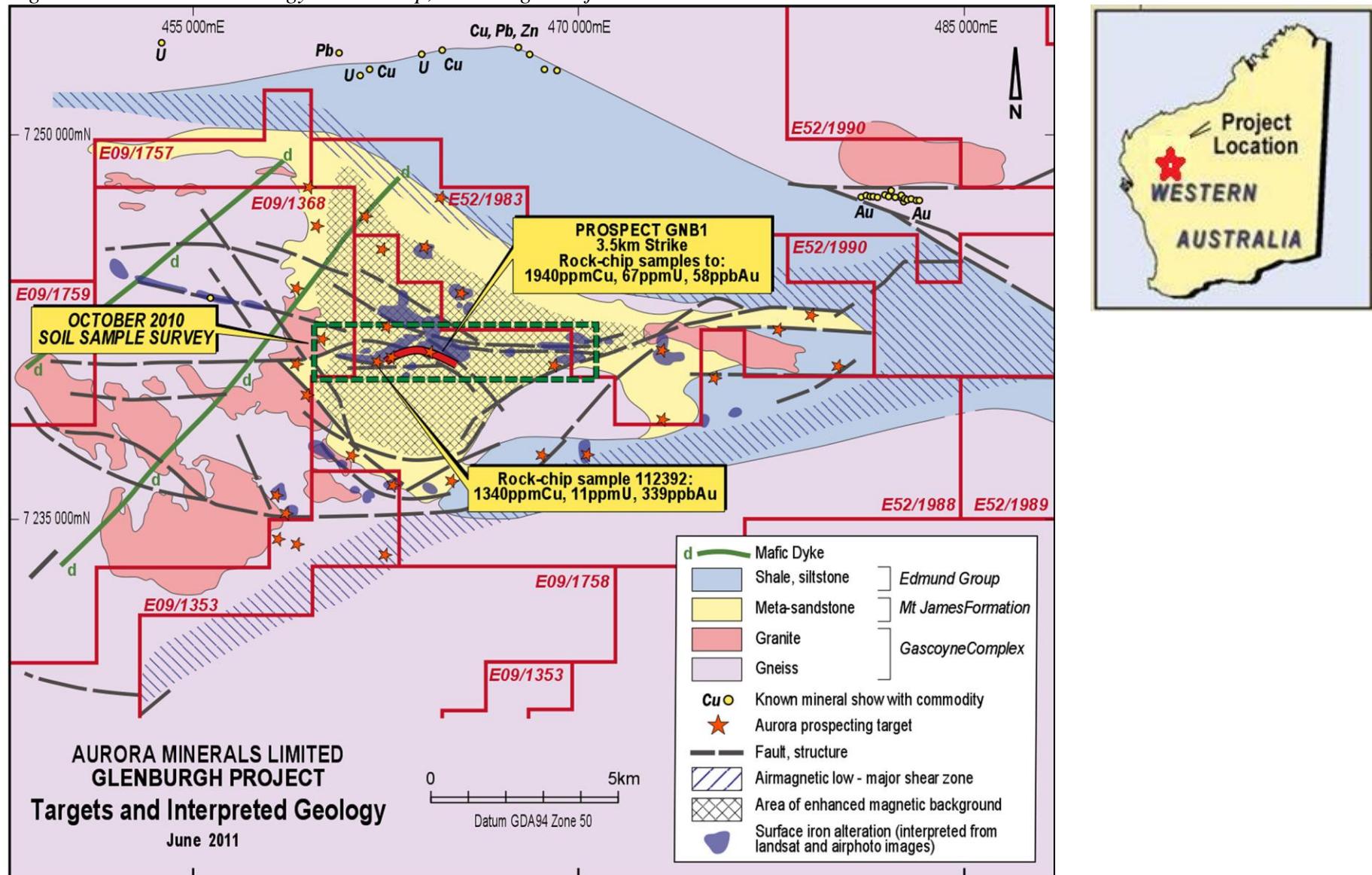
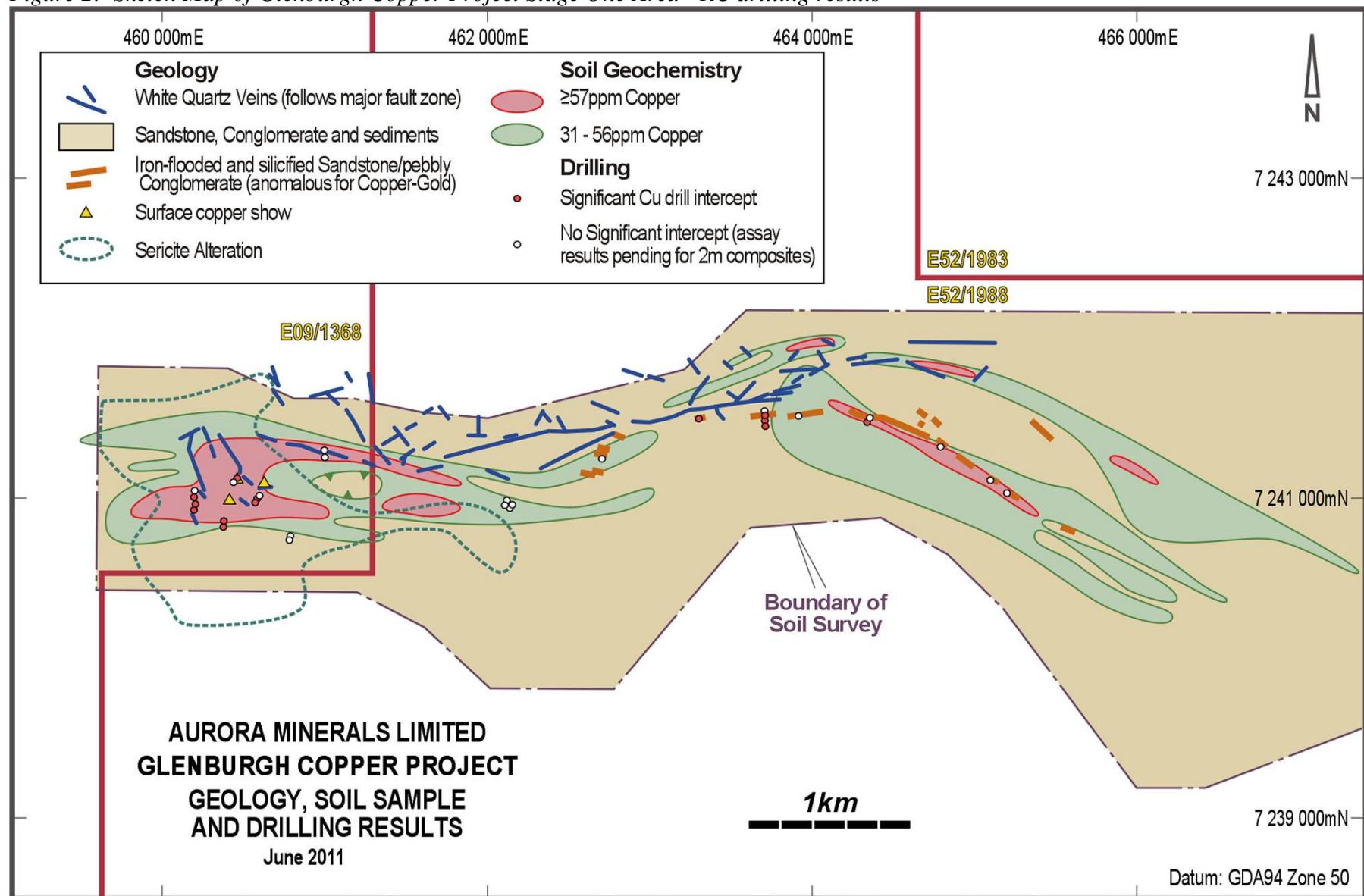


Figure 2: Sketch Map of Glenburgh Copper Project Stage One Area - RC drilling results



**Table 1: RC Drilling Results – Stage One Glenburgh drilling program**

Hole No. GRC-	CO-ORDINATES		Inclination	Direction	Final Depth	From	To	Significant Assay Intervals * = Oxide, + = mixed oxide/sulphide, otherwise sulphide	Significant Intervals From Visual Logging
	N	E	Degrees		m	m	m		
1	7,241,030	460,599	60	030	101				Trace malachite 24-25 & 43-44m
2	7,241,007	460,587	60	030	86	53 61	54 62	1m @ 0.69% Cu 1m @ 0.34% Cu	Minor sulphide 53-56m & trace/minor sulphide 58-62m
3	7,240,777	460,787	60	030	80				Nil
4	7,240,757	460,775	60	030	80				Nil
5	7,240,865	460,381	60	030	86	22 33 55	23 35 62	1m @ 1.49% Cu * 2m @ 1.47% Cu 7m @ 0.32% Cu	Common sulphide & minor malachite with VQtz 23-24m, Common/abundant sulphide with VQtz 33-34m, minor sulphide with VQtz 32-33m & 34-35m, trace/minor sulphide 53-54, 55-58, 59-60, 61-62 & 64-67m
6	7,240,837	460,368	60	030	113	55 62 68 87	56 63 70 94	1m @ 0.32% Cu 1m @ 0.50% Cu 2m @ 1.44% Cu 7m @ 0.45% Cu	56-64m Trace/minor sulphide, 68-71m Minor/trace sulphide, 85-89m Trace sulphide, 89-90m Minor sulphide, 91-92m Minor/trace sulphide.
7	7,241,135	460,461	60	030	74	41	44	3m @ 0.62% Cu +	43-44m Trace malachite, 44-45m Minor sulphide.
8	7,241,520	463,910	60	355	95				Nil
9	7,241,115	465,090	60	032	71				Nil
10	7,241,035	465,190	60	036	74				Nil
11	7,241,325	464,785	60	024	62				Nil
12	7,241,500	464,345	60	015	113				84-85m trace malachite/chrysocolla, 85-89m minor malachite with Fe stained VQtz.
13	7,241,476	464,339	60	015	152	144	145	1m @ 0.47% Cu	144-145m Common VQtz & trace sulphide
14	7,241,487	463,706	60	355	89	36 43 64	40 62 65	4m @ 0.62% Cu* 19m @ 0.56% Cu + (inc. 1m @ 1.97%) 1m @ 1.54% Cu	38-39m trace malachite & ironstone, 39-40m very minor malachite, 44-45m trace malachite & ironstone, 46-51m trace malachite, 53-55m trace malachite, 55-59m trace sulphide, 60-62m trace sulphide, 74-75m trace malachite.
15	7,241,461	463,708	60	355	131	72 83 95 102 106 111 118 120	80 84 96 104 108 118 121	8m @ 0.41% Cu (inc. 1m @ 1.39%) 1m @ 0.55% Cu 1m @ 0.23% Cu 2m @ 0.20% Cu 2m @ 0.24% Cu 7m @ 0.20% Cu 1m @ 0.22% Cu	69-70m trace sulphide, 71-80m trace sulphide, 82-84m trace sulphide, 93-98m trace/minor sulphide, 99-125m minor/trace sulphide.

**Table 1: RC Drilling Results – Stage One Glenburgh drilling program (continued)**

Hole No. GRC-	CO-ORDINATES		Inclination	Direction	Final Depth	From	To	Significant Assay Intervals	Significant Intervals From Visual Logging
	N	E	Degrees		m	m	m	* = Oxide, + = mixed oxide/sulphide, otherwise sulphide	
16	7,241,531	463,706	60	175	74	46	67	21m @ 0.53% Cu + (inc. 2m @ 1.65% Cu & 2m @ 1.40% Cu)	22-23m trace ironstone & malachite, 26-31m trace malachite/chrysocolla, 46-48m trace malachite, 49-50m minor malachite, 50-52m minor pyrite & malachite/chrysocolla, 55-56m minor malachite, 59-68m trace/minor malachite, 70-71m trace
17	7,241,552	463,705	60	355	106				100-106m trace/minor pyrite
18	7,241,499	463,303	60	340	123	44	51	7m @ 0.72% Cu (inc. 2m @ 1.22% Cu)	21-23m Minor Ironstone, 25-31m minor ironstone; 39-52m, 53-57m, 58-66m & 69-123m Trace or minor pyrite
19	7,241,255	462,710	60	337	176				96-99, 101-102, 109-110, 111-115 119-120, 133-137, 141-142, 144-145, 165-168, 172-173m Trace sulphide
20	7,240,966	462,149	60	040	53				Nil
21	7,240,949	462,135	60	040	107				Nil
22	7,240,991	462,118	60	040	56				Nil
23	7,240,973	462,103	60	040	101				Nil
24	7,241,310	461,000	60	000	83				Nil
25	7,241,270	461,000	60	000	83				Nil
26	7,240,985	460,573	60	030	110	83 88	84 93	1m @ 0.42% Cu 5m @ 0.54% Cu	80-84, 88-93m Minor sulphide
27	7,241,115	460,439	60	030	107				49-51m Trace-minor sulphide, 85-95m Trace sulphide, 97-98m Trace sulphide, 98-99m Minor sulphide, 99-100m Trace sulphide
28	7,241,060	460,200	55	030	116				40-41m Trace -minor sulphide, 41-44m Minor sulphide, 44-52m Trace sulphide, 52-53m Minor sulphide, 53-58m Trace sulphide, 68-73m Trace sulphide, 73-74m Minor sulphide, 74-75m Trace sulphide, 75-77m Minor sulphide, 77-116m trace sulphide
29	7,241,020	460,200	56	045	125	105	107	2m @ 0.25%Cu	40-42m, 46-53m, 55-63m, 68-69m, 70-71m, 72-106m trace sulphide, 106-107m Minor sulphide, 108-109m Trace/minor sulphide, 109-125m Trace sulphide
30	7,240,974	460,202	55	045	125	68 109	70 114	2m @ 0.33% Cu 5m @ 0.25% Cu	49-51 & 62-67m Trace sulphide, 67-68m Minor sulphide, 68-69m Trace sulphide, 69-70m Minor sulphide, 70-78m Trace sulphide, 78-79m Minor sulphide, 79-81m Trace sulphide, 81-84m Minor pyrite, 84-97, 100-103, 104-105 & 106-108m Trace sulphide, 108-112m Minor sulphide, 112-113m Trace sulphide, 113-115m Trace-minor sulphide, 115-125m Trace sulphide
31	7,240,940	460,200	55	045	146	129	132	3m @ 0.21%Cu	81-84m Trace sulphide, 101-104m Minor sulphide, 104-105m Common-minor sulphide, 105-106m Minor sulphide, 106-108m & 109-111m Trace sulphide, 111-112m Minor-common sulphide, 112-113m Minor sulphide, 113-115 Trace sulphide, 115-116m Minor sulphide, 116-120m Trace sulphide, 120-121m Minor sulphide, 121-122m Trace sulphide, 122-123m Minor sulphide, 123-124m Trace sulphide, 124-131m Minor sulphide, 131-132, 133-134, 137-138 & 144-146m trace sulphide
				TOTAL	3098				

Coordinates shown above are as planned. Survey pick-ups to follow.

Assays for 2m composites for intervals not included in above priority areas are expected to become available progressively in 2-4 weeks.

*The information in this report 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. Bruce Uren, a member of the Australasian Institute of Mining and Metallurgy. Executive Director of Aurora Minerals Limited and Desert Energy Limited, Robert Taylor, consults to the company through his consulting company Able Kids Pty Ltd. Mr. Bruce Uren is a consultant to the company.*

*Robert Taylor and Bruce Uren 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 Bruce Uren consent to the inclusion in the presentation of the matters based on this information in the form and context in which it appears.*

*The Companys' websites ([www.auroraminerals.com](http://www.auroraminerals.com) and [www.desertenergy.com.au](http://www.desertenergy.com.au)) are recommended reading for interested market watchers, brokers and investors. The websites contain information on the Companys' projects, project maps, a list of the Companys' announcements to ASX, information on Native Title ( including the tenement grant process and heritage surveys), 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 Companys' announcements is also obtainable from the Australian Securities Exchange.*

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