



## Australian Securities Exchange Announcement

Thursday 14 October 2010

Company Announcements Office  
Australian Securities Exchange Limited  
PO Box H224  
Australia Square NSW 1215

### ROVER 1 INTERSECTION OF 26 METRES AT 3.87% COPPER

- Rover 1 Prospect drillhole R1ARD35 has intersected **26 metres at 3.87% copper and 0.22 g/t gold** from 445 metres downhole.
- The intersection includes intervals of exceptional copper grade including **3 metres at 8.37% copper and 0.47g/t gold, and 2 metres at 8.36% copper and 0.95g/t gold.**
- The R1ARD35 intersection is from a body of high grade mineralisation on the company's tenement which is demonstrating continuity and persistent attractive grades, and consequently has excellent potential for conversion into a resource which could ultimately contribute to any mining operation at Rover 1.
- Yet to be assayed drillhole R1ARD36 has intersected a zone of visible copper sulphide 50 metres west of R1ARD35 interpreted to be from this same body, thereby significantly expanding the resource potential.

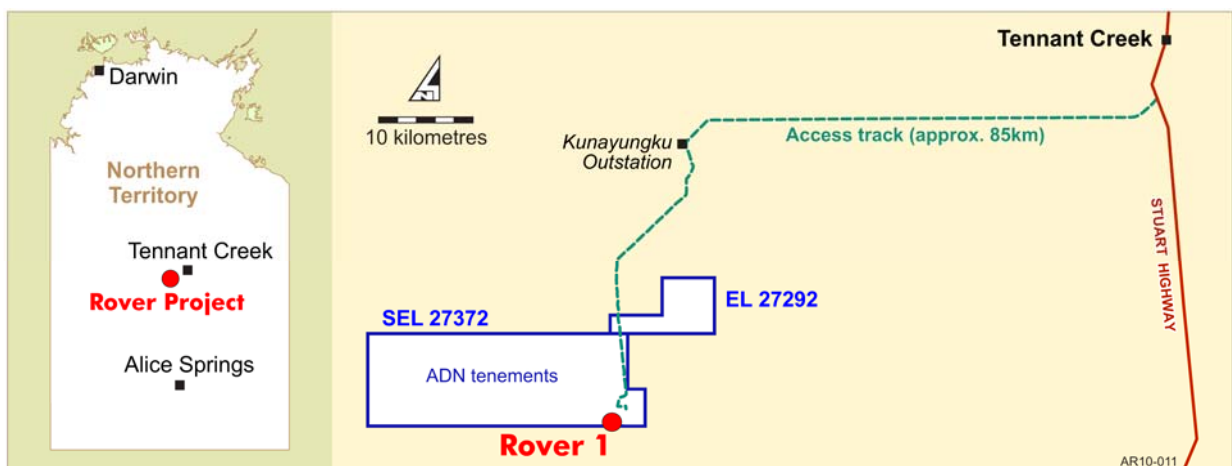


Figure 1: Rover Project Location

## Drillhole R1ARD35 Results

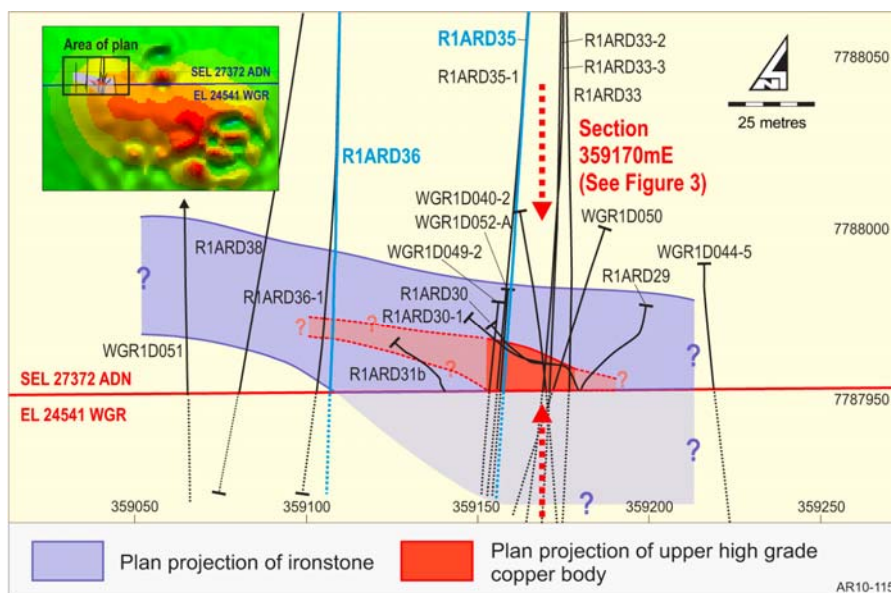
Another significant copper and gold intersection has been achieved at the Rover 1 prospect on Adelaide Resources' wholly owned Rover Project, located 85 kilometres southwest of Tennant Creek in the Northern Territory (*Figure 1*).

Drillhole R1ARD35 tested for the continuation of a body of high grade copper mineralisation approximately 20 metres to the west of previously reported drillholes R1ARD30 (55 metres at 3.36% copper and 0.16g/t gold) and WGR1D050 (19.75 metres at 3.31% copper and 0.16g/t gold). R1ARD35 is shown in plan in *Figure 2*, and on section in *Figure 3*.

R1ARD35 intersected 26 metres at 3.87% copper and 0.22 g/t gold from a downhole depth of 445 metres. Narrow intervals of exceptional copper grade are present within the broader intersection. These include 3 metres at 8.37% copper and 0.47g/t gold from 448 metres, and 2 metres at 8.36% copper and 0.95g/t gold from 457 metres downhole. Analytical results are listed in *Table 1*.

The mineralisation is hosted in a sequence of ironstone and highly altered sediments, and persists to the southern tenement boundary of Adelaide Resources' licence.

Five further holes have been completed at Rover 1, while a sixth is underway. R1ARD36 intersected an interval of visible copper sulphide approximately 50 metres west of R1ARD35. Assaying of R1ARD36 is now in progress.



**Figure 2: Rover 1 Plan**

**Table 1: Drillhole R1ARD35 Significant Assays**

Drillhole Name	Easting (mga94)	Northing (mga94)	Dip	Grid Azimuth	Final Depth	From (m)	To (m)	Interval (m)	Au g/t	Cu %	
R1ARD35	359168	7788193	-61	179	471	439	440	1	0.02	1.39	
						445	471	26	0.22	3.87	
						<i>incl.</i>	448	451	3	0.47	8.37
						<i>and</i>	457	459	2	0.95	8.36

Gold determined by fire assay with AA finish. Copper determined by mixed acid digest followed by ICP-AES or AA finish. Assays based on 1 metre cut half core samples of HQ core. Core recovery for reported intervals is very high. Intersections are downhole lengths with grades weighted for specific gravity. True widths are not known. \* Final depth for R1ARD35 is the depth where the hole departed ADN's tenement.

## Significance and Comment

The confident interpretation that intersections in individual drillholes are from the one body of mineralisation, and the demonstration that potentially economic grades persist within that body, are very important steps in the progression of a prospect from its initial discovery towards the point when a resource for the body can be estimated and feasibility studies on its economic extraction conducted.

Drillhole R1ARD35 is an important hole in this regard. It demonstrates that the body of copper-dominant mineralisation intersected by it and previous drillholes R1ARD30 and WGR1D050 can be correlated over a 20 metre strike distance, and that the high copper grades returned in the previously reported drillholes also persist for at least that distance.

The zone of copper sulphide mineralisation intersected in R1ARD36, located 50 metres west of R1ARD35, is interpreted to also be from the same body of mineralisation, indicating a strike extent of at least 75 metres and remaining open to both the east and west (Figure 2).

This body of mineralisation is therefore demonstrating excellent potential to have the dimensions and grade characteristics that would warrant resource estimation, and ultimately development if the project economics prove positive.

Of particular significance in this regard is the announcement, made on 11 October by Westgold Resources Limited, that a mining scoping study completed on its maiden Rover 1 resource, located immediately south of Adelaide Resources' tenement, had produced positive results.

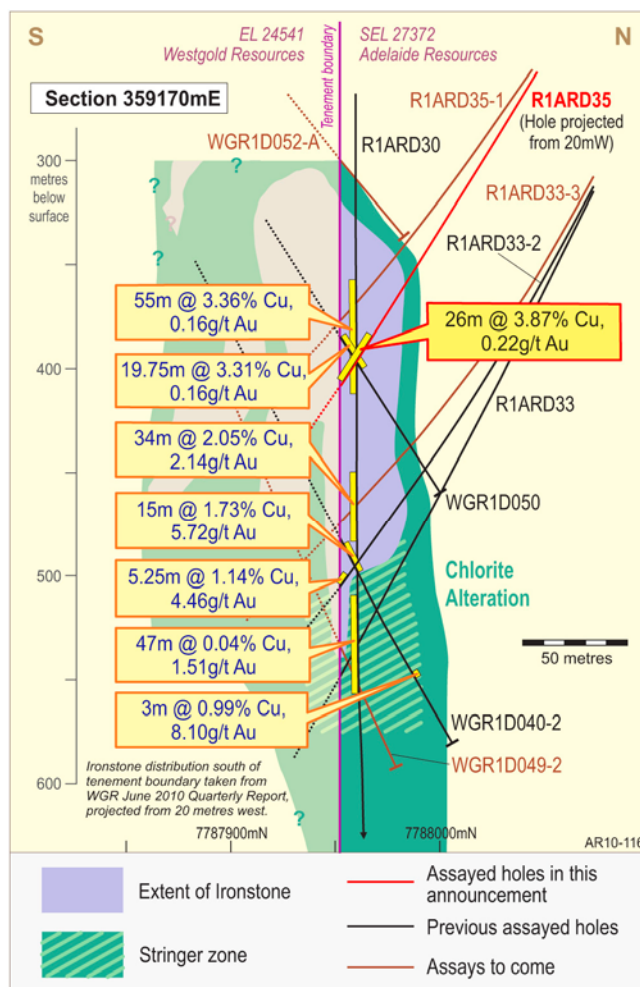


Figure 3: Rover 1 Section 359170mE

In its 11 October announcement, Westgold advises that “a significant development proposal at Rover 1 is viable and likely”, and also confirms that the economics of a mining operation at Rover 1 would be positively impacted by an increase in resources.

The confirmation that Adelaide Resources has discovered mineralisation in its part of the deposit that has the continuity and grade characteristics to warrant resource estimation, together with the fact that the addition of a resource of any size would be strongly accretive to the economics of any mine development at Rover 1, is of great significance.

**Chris Drown**  
Managing Director

*The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Chris Drown, who is a Member of The Australasian Institute of Mining and Metallurgy and who consults to the company on a full time basis. Mr Drown has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration, and to the activity 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'. Mr Drown consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.*

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