



GOLDEN CROSS RESOURCES LTD

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8 August 2006

Copper Hill Resource Increased to 136 million tonnes

Drilling at Copper Hill over the past three months has resulted in an increase in the resource estimate by 31 million tonnes.

Hellman & Schofield Pty Ltd has estimated a new Indicated and Inferred Resource at GCR's 100%-owned Copper Hill project. The new resource estimate is shown below. The May 2006 estimate is also shown, for comparison.

Copper Hill Resource – August 2006 and May 2006 - 0.2% copper cut-off

Parameter	August 2006	May 2006
Resource	136 million tonnes	105 million tonnes
Grade	0.33% Cu and 0.32 g/t Au	0.33% Cu and 0.33 g/t Au
Gold equivalent grade	1.09 g/t gold*	1.08 g/t gold*
Contained copper	455,000 tonnes	344,000 tonnes
Contained gold	1.4 million ounces	1.1 million ounces
Contained gold equivalent*	4.7 million ounces	3.6 million ounces

New assay results from 101 holes, comprising 10,400 metres of assayed intervals, were added to the database, increasing the previous estimate of 105 million tonnes to 136 million tonnes. The cut-off grade of 0.2% copper remains the preferred basis for reporting the resource estimate and reflects Copper Hill's positive infrastructure, metallurgical and mining attributes.

New zones of chalcopyrite mineralisation, currently being drilled at Copper Hill North, have not been included in this resource estimate and assays are awaited. The current 15,000m drilling program continues.

Details of the resource estimates are tabulated below, at a 0.2% copper cut-off.

Copper Hill Resource Estimates – August and May 2006 - 0.2% copper cut-off

Parameter	August 2006 Estimate			May 2006 Estimate		
	Indicated	Inferred	Total	Indicated	Inferred	Total
Tonnes (Mt)	79.9	56.1	136.0	26	79	105
Copper (%)	0.36	0.30	0.33	0.38	0.31	0.33
Gold (g/t)	0.35	0.27	0.32	0.42	0.30	0.33
Gold Equiv. (g/t) *	1.18	0.96	1.09	1.29	1.01	1.08
% of total tonnes	58.8%	41.2%	100%	25%	75%	100%

The new resource model is currently being used by AMDAD Pty Ltd for pit optimisation studies. Results are anticipated in mid-August.

GCR Managing Director, Mr Kim Stanton-Cook, said today

“The Copper Hill resource continues to grow as our systematic drilling progresses, and further additions will be made as a result of the current program. AMDAD's pit optimisations will allow us to model new copper and gold production rates but it is already clear that in the first few years over 25,000 tonnes of copper and 80,000 ounces of gold could be produced annually.”



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Golden Cross is a gold and base metals explorer holding tenements in the Lachlan Fold Belt and Curnamona Province of New South Wales. GCR is applying maximum effort to take the Copper Hill project forward.

Notes

The Resource Estimate was calculated by Dr Phillip Hellman, FAIG, a director of Hellman & Schofield Pty Ltd ("H&S"), specialists in resource estimation. Dr Hellman has more than five years' experience in the field of activity in which he is reporting and consents to his report being incorporated into this announcement in the context in which it appears above. He is a Competent Person under the meaning of the JORC (2004) Code. H&S has accepted the data provided by GCR in good faith. GCR takes responsibility for Table 1 issues (JORC Code 2004).

Subject to the above paragraph, the information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Kim Stanton-Cook, who is a member of the Australian Institute of Geoscientists, is a full-time employee of GCR, and has sufficient experience relevant to the style of mineralisation and type of deposit under consideration and to the activity 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". Kim consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Approximately 70% of the resource reports to an open pit based on preliminary pit optimisation studies which result in a lower economic cut-off Cu grade of slightly less than 0.2%. These studies are based on metal price assumptions of \$450/oz for gold (US\$0.70 = A\$1) and US\$1.80/lb for copper and a 10mtpa throughput. The resource includes approximately 6mt of oxide and 2mt supergene copper mineralisation. Assays of samples from open hole percussion drill holes have not been used for resource estimation. It is assumed that barren dykes of interpreted horizontal widths exceeding five to ten metres will not act as diluents during a mining operation. 206 density determinations were used for conversion of volumes to tonnages. Assays from Golden Cross holes GHCR001-107, 109-182, 184-188, 191 & 210 were available for the estimate reported here.

****Gold Equivalent: Gold grade g/t + (copper % grade x 2.3), using a gold price of US\$400 and copper price of US\$3000/tonne) with no allowance for differential metal recoveries. Quoted significant figures should not be interpreted to denote precision.***