



RENISON CONSOLIDATED MINES NL

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ASX ANNOUNCEMENT

6 SEPTEMBER 2004

DRILLING SUCCESS AT AGATE CREEK OUTLINES INITIAL 154,000 OUNCE GOLD RESOURCE

The Directors of Renison Consolidated Mines NL are pleased to advise that an interim inferred resource of **3.7 million tonnes at 1.3 g/t gold for 154,000 ounces** has been estimated at the Company's Agate Creek epithermal gold project in North Queensland.

The Agate Creek estimate increases the Company's current resource base to over 650,000 ounces of gold in both the Agate Creek project and the AuQuest project portfolio in the Northern Territory.

The resource estimate takes into account the results from the 18 reverse circulation drill holes completed in May. These were the first stage of a two stage, 50 hole program. The second stage of the drilling program is planned to commence around the end of September subject to rig availability.

The resource was estimated by consultants, Hellman and Schofield, using a computer based multiple indicator kriging method at a cut-off of 0.5 g/t Au. The estimate is based on the first 18 drill holes of the 50 drill hole program being undertaken by the Company this year together with earlier drill hole data.

The resource occurs in sub-horizontal thick zones within a hill which is approximately 75m high. The resource estimate extends to a depth of approximately 75m – 100m below ground surface and is expected to have a relatively low strip ratio due to the benefits of the topography.

A further resource estimate will be made after completion of the next stage of the drilling program and geological modelling. Based on interpretation of the modelling and other geological data, the Company is targeting a doubling of the resource to over 300,000 ounces with the second phase of drilling. An increase in resource grade is also targeted as the program will be testing for extension of higher grade areas as indicated by interpretation of drilling data, surface mapping and rock chip samples.

The Company has an agreement with Barrick Gold to earn a 65% interest in the Agate Creek Project in North Queensland. The project is located in a highly mineralised gold province containing the Pajingo, Kidston, Mt Leyshon, Red Dome, Ravenswood and Charters Towers gold mines.

This first stage of the drilling program and initial resource estimate confirms the potential for the Sherwood prospect to host a bulk tonnage ore body (over 5 million tonnes) that would be amenable to an open cut mining and heap leach development. The current inferred resource

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grade of 1.3 g/t is typical of better margin heap leach developments. A pre-feasibility study for an open cut mining and heap leach gold operation at Agate Creek is targeted for completion after years end.

The Company considers that the near surface mineralisation that has been identified from the recent drilling program and previous drilling has the potential for development within a short timeframe into a low capital, open cut mining and heap leaching operation producing over 50,000 ounces of gold per annum and this is the Company's initial focus on the project.

In addition, the Company considers that there is also potential for the occurrence of "bonanza grade" style mineralisation beneath the near surface mineralisation. None of these deeper targets have been drilled in this initial phase of the drilling program although there have been a number of significant higher grade intercepts near surface which have indicated the occurrence of multi phase mineralisation. These have included from the recent programme **12m at 6.9 g/t** gold from 25m, **8m at 8.4 g/t** gold from 59m, **2m at 5.6 g/t** gold and **2m at 5.3 g/t** gold and from previous drilling 18m at 20.7 g/t from 14m; 8m at 24.3 g/t from 56m; and 7m at 7.2 g/t from 86m.

The advancement of the Company's mining assets through this significant increase in the Company's gold resource inventory, ongoing progress towards completion of the feasibility study at Tom's Gully and recent drilling programs at Tom's Gully, Steve's Hill and Agate Creek, continues the Company's rapid development as an emerging gold producer.

For and on behalf of the Board

JPK Marshall
Company Secretary
Brisbane, 6 September 2004

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The information on ore reserves and mineral resources contained in this report is based on information compiled by Mr Chris Creagh who is a member of the Australian Institute of Mining and Metallurgy. Mr Creagh has relevant experience in relation to the mineralisation being reported on to qualify as a Competent Person as defined by the Australasian Code for Reporting of Mineral Resources and Reserves.

Company's Inferred Category Gold Resources:

	Tonnes	Grade g/t Gold	Ounces Gold
AuQuest:			
Tom's Gully			
Underground	1,720,000	7.3	405,000
Tailings	250,000	2.4	19,300
Quest 29			
Koolpin Formation	105,000	1.3	4,400
Zamu Dolerite	1,050,000	2.3	77,300
Agate Creek			
Sherwood Prospect	3,700,000	1.3	154,000

* Tonnes rounded to nearest 5,000t and 0.1 g/t Au. Ounces of gold based on calculation pre-rounding and then rounded to nearest 100 ounces.