

ASX and Media Release: 29 April, 2008
ASX code: RXM

Rex acquires rights to gold and silver Resources at Mt Carrington

The Directors of Rex Minerals Limited ("Rex") are pleased to announce that the Company has acquired the rights to purchase 100% of the Mt Carrington Gold-Silver Project ("Mt Carrington"), which is situated in north-eastern New South Wales near the township of Drake (Figure 1) and 100km from the major regional centre of Lismore.

In summary, key attributes of the Mt Carrington project include:

- **Shallow Resources of 240,000 ozs gold equivalent (146,000 ozs of gold and 4.6 million ozs of silver).**
- **Drill defined extensive gold and silver mineralisation beyond the existing Resources.**
- **Immediate open pit development opportunities and future multi-mine potential.**
- **Epithermal system with potential for large scale, high grade gold mineralisation at depth.**
- **Close to infrastructure, suppliers and workforce at Lismore.**

Rex's Managing Director Steven Olsen said "The agreement to acquire the Mt Carrington project is a significant milestone for Rex. We are excited by the potential at Mt Carrington because of the evidence that this is a giant mineralised epithermal system. This style of deposit hosts some of the highest grade and most profitable gold mines in the world. Mt Carrington already has 240,000 ozs of gold equivalent resources and these are likely to be significantly upgraded which would make for a great start to any development option."

Rex now has ownership of projects covering the commodities of Gold, Silver, Copper and Iron. They are located in three states (SA, Vic and NSW) and within geological terrains that are known for their endowment in these commodities. The strategy at Rex is to acquire highly prospective projects with the potential to host large high grade and hence profitable deposits. Rex then applies its extensive technical experience and existing drilling capacity to progress these projects.

Rex has moved quickly to advance its exploration projects in South Australia and Victoria over the past 6 months, and has ongoing diamond drilling capacity for the next 18 months through its alliance with Titeline Drilling Pty Ltd. The exploration portfolio is dramatically enhanced with the acquisition of Mt Carrington as it provides Rex with a more immediate development opportunity to complement the exciting potential for new discoveries in South Australia and Victoria.

Mt Carrington

Gold was first discovered at Mt Carrington in 1886 and saw various gold and silver mining activities through 1908. In 1988 Mt Carrington Mines Ltd established an open pit mining operation which produced 22,591 ounces of gold and 434,870 ounces of silver before closing in May 1990. In 2003, Kanowna Lights produced a JORC compliant Inferred Resource of 146,000ozs of gold and 4.6 million ounces of silver (table 1), which is the most recent reportable Resource estimate at Mt Carrington.



Figure 1: Location diagram of the Mt Carrington Gold-Silver Project.

MT CARRINGTON INFERRED RESOURCES						
Gold Resources						
Deposit	Tonnes	Gold grade (g/t)	Gold ounces	Silver grade (g/t)	Silver ounces	Gold equivalent ounces
Strauss	262,500	3.7	31,000	4.7	40,000	32,000
North Kylo	224,000	3.9	28,500	6.0	43,000	29,000
Carrington	9,000	3.0	1000	6.8	2,000	1,000
Kylo	280,500	3.6	32,500	0.4	3,500	33,000
Red Rock	104,000	3.9	13,000	36.1	121,000	15,000
Guy Bell	131,500	4.0	17,000	5.7	24,500	18,000
Sub-Total	1,011,500	3.8	123,000	7.2	234,000	128,000
Silver Resources						
Deposit	Tonnes	Gold grade (g/t)	Gold ounces	Silver grade (g/t)	Silver ounces	Gold equivalent ounces
Lady Hampden	403,000	1.7	21,500	148.5	1,924,500	60,000
Silver King	34,500	0.3	500	198.4	219,500	5,000
Lead Block	1,000	0.0	0	166.6	5,500	0
White Rock	339,500	0.1	1,500	207.1	2,259,500	47,000
Sub-Total	778,000	0.9	23,000	176.2	4,409,000	112,000
Total	1,789,500		146,000		4,643,000	240,000

Table 1: Summary of the Mt Carrington Inferred Resource estimate. This Resources estimate was produced by Kanowna Lights Ltd in 2003. The gold equivalent ounces are calculated using a ratio of 1:50, based on a gold price of US\$900 and a silver price of US\$18.

Drilling at Mt Carrington also show extensive gold and silver mineralisation beyond the high grade shallow Resources. A clear example is recent diamond drilling at the Strauss deposit which confirmed the presence of thick high grade gold mineralisation and extensive additional gold mineralisation (Figure 2).

Since 1990, the geological understanding of “epithermal style” deposits like Mt Carrington has increased substantially. This followed the discovery of several epithermal deposits in north-eastern Australia, including Pajingo (+4Mozs gold), Cracow (+1.2Mozs gold) and Wirralie (+0.8Mozs gold). This style of deposit commonly hosts high grade gold mineralisation underneath a series of smaller shallow gold deposits. Therefore, it is considered that the greatest potential at Mt Carrington exists at depth beneath the extensive shallow gold and silver mineralisation.

The improved geological understanding since 1990 and more recent increases in the gold price (US\$350 to over US\$900) and silver price (US\$5 to over US\$18) have transformed the outlook and economics of Mt Carrington. Accordingly, Rex considers that a well targeted drilling program could lead to the development of a large scale gold and silver operation at Mt Carrington.

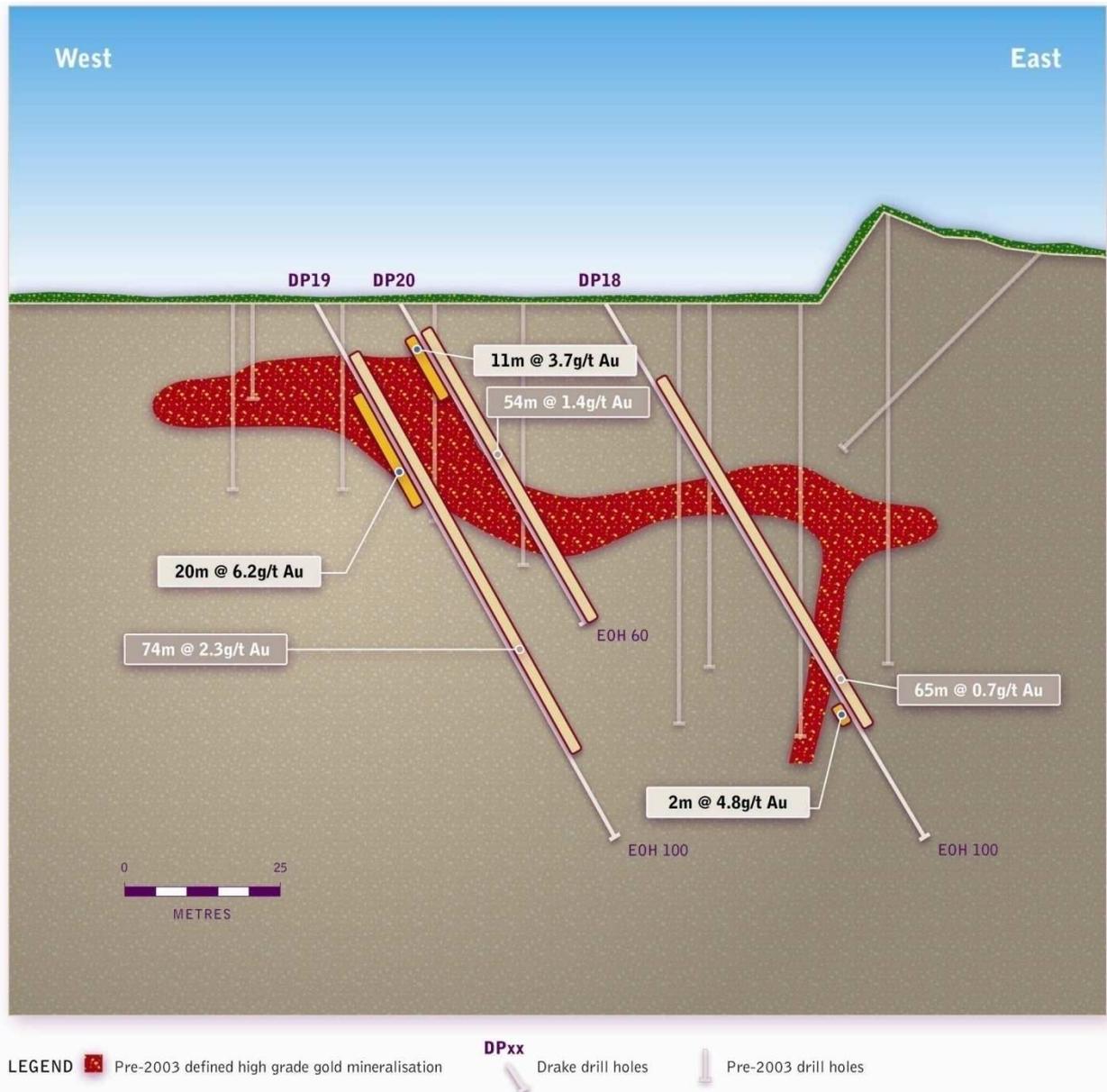


Figure 2: Strauss section 10230N, showing the pre-2003 drilling, and more recent diamond drilling.

To realise the potential value at Mt Carrington Rex will immediately begin an extensive review of the existing database and create a 3D geological model. This should lead to an upgrade the existing Resource estimate and identify areas of shallow potential that could form part of a new open pit development strategy. The regional geological model will be combined with modern geophysical methods to identify the larger scale gold potential that Rex believes exists beneath the shallow mineralisation at Mt Carrington. Metallurgical and mining options will be investigated soon after an updated Resource estimate and a review of the further potential is completed.

Mt Carrington Option Agreement

An option to purchase the Mt Carrington project has been entered into between Rex and the current owners of the project, Drake Resources Limited (“Drake”), Cazaly Resources Limited (“Cazaly”) and Mount Carrington Mines (“MCM”) the details of which are summarised below.

The Mt Carrington project comprises 3 Exploration Licences currently held by Drake and 22 Mining Leases currently held by MCM. Cazaly has a 10% interest in the Mining Leases and one of the exploration licences.

The terms of the Option Agreement are summarised as follows:

- Rex has a 12 month period to exercise an option for the purchase of a 100% interest in the Mt Carrington project.
- Total consideration for the option is \$150,000, which is in the process of being paid.
- After exercising the option to purchase, the total consideration for the Project is:
 - \$850,000 cash
 - \$1,500,000 in the form of Rex Shares, based on VWAP of Rex Shares during the 30 trading days prior to completion or alternatively Rex can elect to pay in cash.
 - Assumption of the bond and liabilities associated with the mining leases and exploration licences

The sale is conditional upon Rex obtaining the renewal of the Mining Leases, and the consent from the Minister to the transfer of the Mining Leases from MCM to Rex.

During the option period Rex, has the right to explore on the Mining Leases and Exploration Licences and will submit a new mine operating plan with the NSW department of Primary Industries for the future maintenance and exploration of Mt Carrington.

For more information about Rex Minerals and its projects please visit our website www.rexminerals.com.au or contact:

Steven Olsen (Managing Director) or Amber Rivamonte (Company Secretary)

Phone: 03 5337 4000

E-mail: info@rexminerals.com.au

Background

Rex listed on the ASX in September 2007, raising \$7 million and entering into a drilling alliance with Titeline Drilling Pty Ltd, which has secured the services of at least one drill rig for a period of two years.

Rex now has ownership of projects covering the commodities of Gold, Silver, Copper and Iron. They are located in the Eastern states (SA, Vic and NSW) and within geological terranes that are known for their endowment in these commodities. The strategy at Rex is to acquire highly prospective projects with potential to host high grade and hence profitable deposits. Rex then applies its extensive technical experience and existing drilling capacity to progress these projects.

Rex is searching for the Iron Oxide Copper Gold (IOCG) style of mineralisation at its 100% owned Moonta South (including the Hillside Project) and Wandearah projects in South Australia. IOCG mineralisation and alteration is the typical of the Olympic Dam and Prominent Hill deposits. Rex also owns an Iron Ore project near the township of Cowell in South Australia. The Cowell Iron Ore Project is interpreted by Rex to host the extension of the Middleback Range iron formation which has recorded production of over 200Mt of high grade (>60%) iron ore.

Rex also has 100% ownership of two gold projects in Victoria, which are the St Arnaud Project and the North Creswick Project. The St Arnaud Project produced over 360,000ozs historically at an average recovered grade of over 15g/t. Rex is looking for geological repeats of the historical mineralisation at St Arnaud. At the North Creswick Project, historical mining produced 1.7Mozs of gold, from ancient river channels under a cover sequence of more recent rocks. Rex is looking for new structures underneath the large gold deposits at North Creswick in an attempt to discover new large quartz hosted gold deposits similar to what has been identified at Ballarat.

Rex has an option to acquire the Mt Carrington Gold-Silver Project. Mt Carrington has 240,000 ozs of gold equivalent resources with large scale high grade gold potential. The style of deposit defined at Mt Carrington hosts some of the highest grade and most profitable gold mines in the world. This means that there is a significant opportunity to discover high grade mineralisation at depth beneath the extensive shallow gold and silver mineralisation which would be a capable of large scale mining.

Rex currently has 53 million fully paid ordinary shares on issue and 7.5 million unlisted options.

The information in this report that relates to Exploration Results or Mineral Resources is based on information compiled by Mr Steven Olsen who is a Member of the Australasian Institute of Mining and Metallurgy and is a full time employee of Rex Minerals Ltd. Mr Olsen 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 Olsen consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.