

REDBANK TO EXPLORE NT URANIUM TARGETS

High grade copper developer Redbank Mines Limited (ASX: RBM) will expand its 2009 exploration campaign to include a program to test known uranium targets.

Uranium has previously been identified at encouraging levels on Redbank tenements, and new tenements currently under application are also prospective for uranium. The Company has included a specific program of first phase uranium testing as an adjunct to its \$2.5 million copper exploration program now underway.

Redbank has 3,600km² tenements in the McArthur South region in the Northern Territory, which the Company considers prospective for copper, cobalt, phosphate, manganese and uranium.

Redbank Managing Director Bruce Morrin said while the Company's exploration was primarily focussed on copper sulfide targets, it believed the uranium potential of the extensive tenement holding warranted serious attention.

"We are certainly interested in the uranium potential of our tenements. There are some significant uranium deposits within this region, and indications from the limited testing on our ground to date have been encouraging," Mr Morrin said.

"We know from a review of previous drilling that the copper breccia pipes contain anomalous levels of uranium with values up to 174ppm (equivalent to 0.021% U₃O₈) returned from XRF analyses of samples within the pipe geometries.

"More work is required to test the significance of these findings, and the aim of this exploration effort will be to confirm previous findings and generate possible targets," Mr Morrin said.

A key focus for Redbank's uranium testing will be the Copperado tenements, which are being explored in Joint Venture with the major international commodity trading group Glencore.

Radiometric data included in the Copperado airborne magnetic survey have indicated areas of significant uranium-thorium anomalism, especially associated with the Packsaddle Microgranite north of Woollogorang Station. As a radiometrically hot granite there may be some potential for contact related uranium mineralisation. Reconnaissance surface field XRF analyses of samples from the GC1 breccia pipe in the south east of the Copperado tenement found uranium values of 65 and 74ppm in two samples with associated thorium values of 185 and 484ppm.

"We have included soil geochemistry and ground spectrometer work on some of the uranium targets in the proposed Joint Venture program, as an adjunct to the copper focus," Mr Morrin said.

"We will also conduct spectrometer work in addition to the geophysical surveys on Redbank's ERL94 license area," he said.

Mr Morrin said our new tenements, as well as tenements currently under applications, offer uranium potential.

In February 2009, Redbank was granted five new exploration tenements close to the Redbank mine site and ERL94. The geology in the license area includes stratigraphic horizons in the Echo Creek sandstone known to be anomalous for uranium and phosphates elsewhere in the region.

"The uranium potential of the broader tenement area acquired recently will become clearer in the next couple of months, when the first comprehensive collation of previous exploration is completed," he said.

Redbank announced in March it is the sole applicant for the additional and contiguous tenements numbered EL 27240 and EL 27241. "These are in a known uranium region, and ground within these tenements has a strong radiometric signature," Mr Morrin said.

The two tenements are located 50km North West of the Westmoreland deposit owned by the Canadian uranium developer Laramide Resources Limited, through its Australian operating subsidiary Lagoon Creek Resources Pty Ltd.

Laramide (www.laramide.com) report that the Westmoreland deposits contain a Canadian 43101 compliant indicated mineral resource⁽¹⁾ of some 8Mt @ 0.09% U₃O₈ containing 15.6 Mlb of U₃O₈, and an additional inferred mineral resource of 16Mt @ 0.09% U₃O₈, containing 32.9 Mlb of U₃O₈, which places it in the top ten undeveloped uranium resources in Australia.

Historic uranium production occurred from the Cobar 2 (35km south of Redbank) and the Eva/Pandanus Creek mines (50km south of Redbank mine) uranium mines in the late 1950's and 1960's, where hand-sorted pitchblende ores were treated at Rum Jungle. Historic production from Eva was reported at 312 tonnes averaging 8.37% U₃O₈⁽²⁾. The Pandanus Creek area is currently held by Rio Tinto.

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Geological information contained in this announcement insofar as it relates to the Company's exploration results is sourced from information compiled by Dr James Searle, B.Sc, PhD, MAusIMM,. Dr Searle is a Director of Redbank Mines Limited and has sufficient expertise relevant to the styles of mineralisation and types of deposits 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 Mineral Resources and Reserves'. Dr Searle has approved the inclusion of the information in the form and context in which it appears.

Notes:

- (1) References to external projects that may contain an inferred and/or indicated mineral resource and/or have generated historical production do not guarantee that Redbank's tenements will also contain mineral resources of the type being reported.*
- (2) Ahmad, M & A S Wygralak, 1990, Murphy Inlier - Regional Geology and Mineralisation. In : Geology of the Mineral Deposits of Australia and Papua New Guinea, Ed. F E Hughes, pp 819-826. Published by the Australasian Institute of Mining and Metallurgy, Melbourne, VIC.*

About Redbank Mines

Redbank Mines is an Australian based ASX-listed resource company (ASX: RBM) focused on the development of the Redbank Copper Mine in the north east of the Northern Territory.

The project is located in the Redbank Mineral Field in the NT, where the Company holds a substantial ground position. The region hosts significant economic copper mineralization and is highly prospective for copper, cobalt, phosphate, manganese and uranium.

The Company acquired the Redbank Copper Mine in 2005, and has been generating some cash flow from the treatment of high grade oxide stockpiles to produce a high quality concentrate. The tenement package included numerous advanced copper targets.

In December 2007, Redbank secured an exploration joint venture with Glencore International, one of the world's largest commodity suppliers. The Company has also signed an off-take agreement with Glencore for the life of mine, based on marked based spot prices of copper.

Redbank's major shareholder is the Western Australian resource development group Stirling Resources Limited (ASX: SRE).

Additional information is available at www.redbankmines.com.au

