



ASX Announcement

11 August 2016

BRYAH BASIN DRILLING UPDATE

RNI NL (ASX: RNI) is pleased to announce the Company has completed drilling of a deep (~800 metre) diamond hole at the Cuba copper-gold prospect at the Doolgunna Project in Western Australia's Bryah Basin.

Uncut drill core from the deep diamond hole has been delivered to the assay laboratory in Perth. RNI will update the market once assay results have been received and interpreted.

The geology intersected in the deep diamond hole is considered extremely encouraging and includes a 133m zone of hydrothermally-altered turbiditic sediments containing patches of minor disseminated sulphide. This zone is surrounded by exhalative jaspers and hematite-rich sediments¹, which are key characteristics present in sedimentary rocks above, and peripheral to, the ore lenses at the DeGrussa volcanic hosted massive sulphide (VHMS) deposit, located within 3.5km of Cuba.

In addition to this alteration, quartz, carbonate and quartz-carbonate veining with occasional visible pyrite and lesser chalcopyrite is seen throughout the sediments from 360m to 650m. This type of veining is also present within the host sedimentary rocks at DeGrussa.

As previously announced, the deep diamond hole was designed to more accurately target the source of the VHMS anomalism previously encountered at Cuba and to provide the platform for a downhole electromagnetic (DHEM) survey.

Vortex has arrived on site at Cuba to commence the DHEM survey, the results of which will be released to the market when received and interpreted by RNI.

RNI is also pleased to announce the completion of Heritage surveys over key target areas within the Company's Cashmans Project in the Bryah Basin. This survey work is a pre-cursor to upcoming reverse circulation (RC) drilling programs, which will commence following receipt of Heritage sign-off and final access approvals.

The Cashmans RC drilling program will target the priority Orient-T10 area and proximal VHMS horizons, along with the Beatty Park prospect.

For and on behalf of the RNI Board.

MILES KENNEDY
CHAIRMAN

¹ *Margaret L. Hawke, Sebastien Meffre, Holly Stein, Paul Hilliard, Ross Large, J. Bruce Gemmell, 2015. Geochronology of the DeGrussa volcanic-hosted massive sulphide deposit and associated mineralisation of the Yerrida, Bryah and Padbury Basins, Western Australia. Precambrian Research 267 (2015) 250–284*

Hole ID	Easting	Northing	RL	Dip	Azimuth	EOH Depth
	(metres)	(metres)	(metres)	(°)	(°)	(metres)
CBDD001	736800	7170520	595	-70	315	801.90

Table 1: GDA94 Zone 50 Drill Hole Collar

Competent Person's Statement

Information in this announcement that relates to exploration results is based on and fairly represents information and supporting documentation prepared and compiled by Albert Thamm BSc (Hons) MSc, F.Aus.IMM (CP) who is a Corporate Member of the Australasian Institute of Mining and Metallurgy.

The information in this announcement that relates to previously released exploration was first disclosed under the JORC Code 2004. It has not been updated to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported and is based on and fairly represents information and supporting documentation prepared and compiled by Albert Thamm BSc (Hons) MSc, who is a Corporate Member of the Australasian Institute of Mining and Metallurgy.

Mr Thamm is a consultant to RNI NL. Mr Thamm 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 2012 Edition of the Australasian Code for Reporting Exploration Results, Mineral Resources and Ore Reserves. Mr Thamm consents to the inclusion in the announcement of the matters based on this information in the form and context in which it appears.

No New Information

Except where explicitly stated, this announcement contains references to prior exploration results and Mineral Resource estimates, all of which have been cross referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the results and/or estimates in the relevant market announcement continue to apply and have not materially changed.

Forward-Looking Statements

This announcement has been prepared by RNI NL. This document contains background information about RNI NL and its related entities current at the date of this announcement. This is in summary form and does not purport to be all inclusive or complete. Recipients should conduct their own investigations and perform their own analysis in order to satisfy themselves as to the accuracy and completeness of the information, statements and opinions contained in this announcement. This announcement is for information purposes only. Neither this document nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sale of shares in any jurisdiction.

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