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Copper Reef's MN-08-46 returns 3.64% Copper over 33.5 Feet

Toronto, Ontario, April 2, 2008....Copper Reef Mining Corporation ("Company") (CZCC.CNQ) is pleased to announce assay results of 3.64% copper over 32.5 feet core length for drill hole MN-08-46 (see March 17 news release) on the Copper Reef massive sulphide deposit on its Mink Narrows Property, Manitoba. The true width of this sulphide intersection is estimated to be approximately 24.8 feet. Drill hole MN-08-46 can be viewed on our Website copperreef.com.

MN-08-45, which was drilled on the same section above MN-08-46, intersected 1.66% copper over 12.6 ft. (core length) from 80.7 to 93.3 in both stringer and near solid sulphides. The massive sulphide or near solid sulphide portion from 80.7 to 86.3 assayed 2.57% copper over 5.6 ft (core length).

MN-08 46 lies 540 ft above MN-08-55 with intersected 92.3 ft (core length) of sulphide mineralization composed of near solid sulphides (35.5 ft), stringer and semi massive to disseminated sulphides. Assays for MN-08-55 are pending.

Hole No.	From (ft)	To (ft)	Width (ft)	Cu%	Zn% & Ag g/t	Comments
MN-08-45	80.7	93.3	12.6	1.66	pending	Massive and stringer sulphides
includes	80.7	86.3	5.6	2.57		Massive sulphides
MN-08-46	147.0	180.5	33.5	3.54	pending	Massive sulphides

Drilling continues down plunge to the east-south- east of MN-08-55.

The Company is a Canadian junior mineral exploration company currently focused on the discovery of new zones and further expansion of known resources on its mineral properties in Northwest Manitoba and Northeast Saskatchewan, Canada.

Descriptions

"Near solid sulphides" is defined here: as massive sulphides (90-98% sulphides) with country rock inclusions within the sulphides or where the sulphides contain small granitic dikes. Generally the country rock inclusions are extensively altered (chloritic) and veined with the copper mineral chalcopyrite with minor pyrrhotite and pyrite (iron sulphide minerals). "Near solid sulphides" is also used to describe vuggy (containing crystal cavities) portions within the massive sulphides. This vuggy material is characteristic of some portions of the Copper Reef body of massive sulphides where the iron sulphide mineral pyrite predominates over pyrrhotite sulphide. The vuggy nature precludes calling it massive sulphides in a strict sense, and generally there may be 1%- 5% rock material and other minerals like magnetite (a magnetic iron mineral) within the sulphides, so it is never 100% sulphides, although in some of the larger sections it is commonly over 98%.

Quality Control

The Company employs QA/QC protocol on all aspects of its analytical procedures. Core samples are sawn and one half of the NQ core is restored to the core boxes for future reference and one half sent for analysis. Samples of mineralization are taken in approximately 3.5 ft intervals or less. Sample preparation and assaying is conducted by TSL Laboratories Inc. in Saskatoon, Saskatchewan using multi-acid digest/ ICP-AES and AAS techniques. Samples suspected of containing more than 0.5% copper are carried out with a straight copper assay method as well as a Fire

Assay-AA for gold. Commercially prepared standards representing 3 ranges of Copper, Zinc, Silver and Gold grades are inserted at intervals of 1 in 20 samples. No check assays were carried out in the 2000 drilling of MN-00-37 and 38, but Dr. Robert Stevens (who wrote the qualifying report on the property) reviewed the core and was confident that assays reflected the mineralization observed.

The Quality Control and all aspects of the exploration program are supervised by Copper Reef's Exploration Manager, Stephen Masson MSc. PGeo. who is the qualified person, under National Instrument 43-101 and has reviewed this press release.

On Behalf of the Board of Directors

“signed”

Robert N. Granger QC
President and CEO

No securities regulatory authority has reviewed or accepts responsibility for the adequacy or accuracy of this release. Some of the statements contained in this release are or may be considered forward-looking statements, such as estimates and statements that describe Copper Reef's future plans, objectives or goals, including words to the effect that Copper Reef or its management expects a stated condition or result to occur. Since forward-looking statements address future events and conditions, by their very nature, they involve inherent risks and uncertainties.