

Celeste Copper Corporation

TSX VENTURE: [C](#)



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Celeste Copper Corporation: RC Drilling Intersects 0.49% Copper and 25.75 G/T Silver Over 10 Metres

CALGARY, ALBERTA--(Marketwire - June 24, 2009) - Celeste Copper Corporation (TSX VENTURE:C) ("Celeste" or the "Corporation") is pleased to announce that the analytical results for the Reverse Circulation ("RC") drilling completed on the Celeste I-III and Manto Medio mineral concessions located in the Cabeza de Vaca mineral district, approximately 30 kilometres East from Copiapo, Chile.

Mr. Elmer Stewart, President and CEO of Celeste stated, "The RC drilling intersected multiple intervals of significant copper mineralization which demonstrates the down dip and lateral extensions of the oxide copper mineralization exposed in outcrop. These results support our exploration model and additional exploration of these targets is warranted".

Manto Medio Target:

A total of 7 RC holes (860 metres) were completed over an area that measures 450m by 450m. The weighted average grade for the significant intervals of copper-silver mineralization from the Manto Medio is set out below. The average grade was estimated using a 500 parts per million ("ppm") cutoff.

RC Hole #	length (m)	dip (degrees)	azimuth	from (m)	to (m)	interval (m)	copper (ppm)	silver (g/t)
MMO-R C-01	100	-90	0	no significant mineralization				
MMO-RC-02	160	-60	255	6.00	30.00	24.00	1,494	1.79
				48.00	60.00	12.00	2,352	1.83
				96.00	112.00	16.00	1,640	1.19
MMO-RC-03	100	-90	0	36.00	44.00	8.00	2,096	2.75
MMO-RC-04	100	-90	0	no significant mineralization				
MMO-RC-05	120	-60	255	88.00	114.00	26.00	1,282	1.15
MMO-RC-06	120	-60	90	44.00	48.00	4.00	649	1.00
				72.00	86.00	14.00	1,158	1.71
MMO-RC-07	160	-90	0	92.00	100.00	8.00	558	0.63

RC holes MMO-RC-02, -05 and -06 all intersected multiple significant intervals of copper mineralization. The data from the RC drilling is currently being interpreted to better understand the distribution of the mineralization and associated alteration halos.

Celeste I-III Target:

A total of four RC holes (400m) were completed in an area that measures 750 m long by 400m wide on the Celeste I-III mineral concessions. The weighted average grade for the significant intervals of copper-silver mineralization from the Celeste I-III target is set out below. The average grade was estimated using a 500 parts per million ("ppm") cutoff.

All RC holes intersected significant intervals of copper mineralization. CST-RC-02 was terminated in copper mineralization and the last two metre sample (from 98m to 100m) assayed 0.578% copper and 50.10 g/t silver. The bottom 10 m interval in this hole averaged 0.489% copper and 25.75 g/t silver.

RC Hole #	length (m)	dip (degrees)	azimuth	from (m)	to (m)	interval (m)	copper (ppm)	silver (g/t)
CST-RC-01	100	-90	0	18.00	28.00	10.00	2,532	2.88
				90.00	100.00	10.00	4,892	25.75
CST-RC-02	100	-90	0	10.00	18.00	8.00	611	0.53
CST-RC-03	100	-90	0	10.00	24.00	14.00	796	0.59
				54.00	74.00	20.00	873	0.42
CST-RC-04	100	-90	0	68.00	78.00	10.00	485	0.20
				84.00	90.00	6.00	413	0.30

The data from the RC drilling is currently being interpreted to better understand the distribution of the mineralization and associated alteration halos.

Drilling and Sampling Procedures:

The RC drilling was completed using a 75 mm diameter rod. Sample weights ranged from 7.0 to 7.6 kilograms and sample interval was 2.00 metres. All samples were mechanically split at the site and a quarter sample was collected to be sent to the lab for sample preparation and analysis. All samples collected were visually logged and stored as chip samples. All samples were prepared by ALS Chemex laboratory in La Serna, Chile using ME-ICP41, AA23 for gold and AA62 for silver. ALS Chemex's quality system complies with the requirements for the International Standards ISO 9001:2000 and ISO 17025:1999.

Quality Control:

Celeste follows a rigorous Quality Assurance/Quality Control program consisting of inserting standards, blanks and duplicates into the sample stream submitted to the laboratory for analysis.

Elmer B. Stewart, MSc. P. Geol., President of Celeste, is the Corporation's nominated Qualified Person pursuant to National Instrument #43-101, Standards for Disclosure for Mineral Projects, has reviewed the technical information disclosed in this news release.

***Forward Looking Statements:** This news release contains forward - looking information including but not limited to comments regarding the timing and content of upcoming exploration programs including disclosure regarding possible future events and therefore, involves inherent risks and uncertainties. For any forward looking information given, management has assumed that the analytical results it has received are reliable, and has applied geological interpretation methodologies which are consistent with industry standards. Although management has a reasonable basis for the conclusions drawn, actual results may differ materially from those currently anticipated in such statements. For such statements, we claim the safe harbor.*

Neither TSX Venture Exchange nor its Regulation Services Provider (as that term is defined in the policies of the TSX Venture Exchange) accept responsibility for the adequacy or accuracy of this release.

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