



FOR IMMEDIATE RELEASE

CELESTE ACQUIRES ADDITIONAL MINERAL CONCESSIONS

CALGARY, Alberta – September 10, 2009 - Celeste Copper Corporation (TSXV:C) (“Celeste” or the “Corporation”) is pleased to announce that it has finalized the acquisition of two mineral concessions located in the Cabeza de Vaca mineral district, approximately 30 kilometres East from Copiapo, Chile. In addition to the acquisition, Celeste has also acquired by stacking two mineral concessions in the area around the Negrita Mining Concession.

Mr. Elmer Stewart, President and CEO of Celeste stated, “Our exploration work to date has increased our understanding of this mineral district. In order to complete a meaningful exploration program, the acquisition of additional mineral exploration concessions was necessary”.

The four mineral concessions total approximately 260 hectares and are either contiguous with, or and in the immediate vicinity of the Negrita mining concession. Celeste continues to look for opportunities to increase it’s exposure in this area of Chile and is actively looking at new opportunities, including land acquisitions.

The recently completed geophysical survey over the Negrita area has outlined several areas of widespread anomalous Induced Polarization, resistivity and magnetic susceptibility responses. Celeste has completed its review of these results and is in discussions with its option partner regarding the testing of these geophysical responses. Celeste has received the preliminary results from a 10 kilometre geophysical survey (Induced Polarization and Resistivity) over the Celeste I-III concession and the Manto Medio concession. The interpretation of these results is expected to be received by mid-September.

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.

For more information on Celeste please visit our website at www.celestecopper.com or contact:

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Forward Looking Statements: This news release contains forward - looking information including but not limited to comments regarding the timing and content of upcoming acquisitions, 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.