

**COMPOSICION DE LAS INCLUSIONES FLUIDAS DE LOS DEPOSITOS DE ORO Y
COBRE CERRO CASALE Y REFUGIO, FRANJA DE MARICUNGA, COPIAPO. CHILE**

Cuitiño Lucia* ; Vivallo Waldo*; Broman Curt**.

*Sernageomin Casilla 10465 Santiago Chile

lcuitino@entelchile.net

**Dept. of Geology and Geochemistry

Stockholm University S-10691

Stockholm Sweden

Abstract

Fluid inclusions in Refugio and Cerro Casale Au-Cu porphyry deposits present I and III types, due to oxidized fluids. III type fluid inclusions with daughter minerals of anhydrite, hematite, halite, chalcopryrite are identified by Raman microspectrometry. The gas phase consists of pure water vapor. Gold deposition from chloride complexes.