

Figure 1. Geologic map of the main part of the Punta del Cobre belt (geology modified from Tilling, 1976; a) lamprophyre, b) meladiorite, c) diorite, d) leucodiorite, e) tonalite, f) quartz monzonite, g) albite granite). The Stratigraphy of the Punta del Cobre Formation east of the Copiapó river (Punta del Cobre and Ladrillos districts) and west of the river (Ojancos Nuevo district, Quebradas Nantoco, Los Algarrobos, and Los Toros) is summarized in two schematic sections.

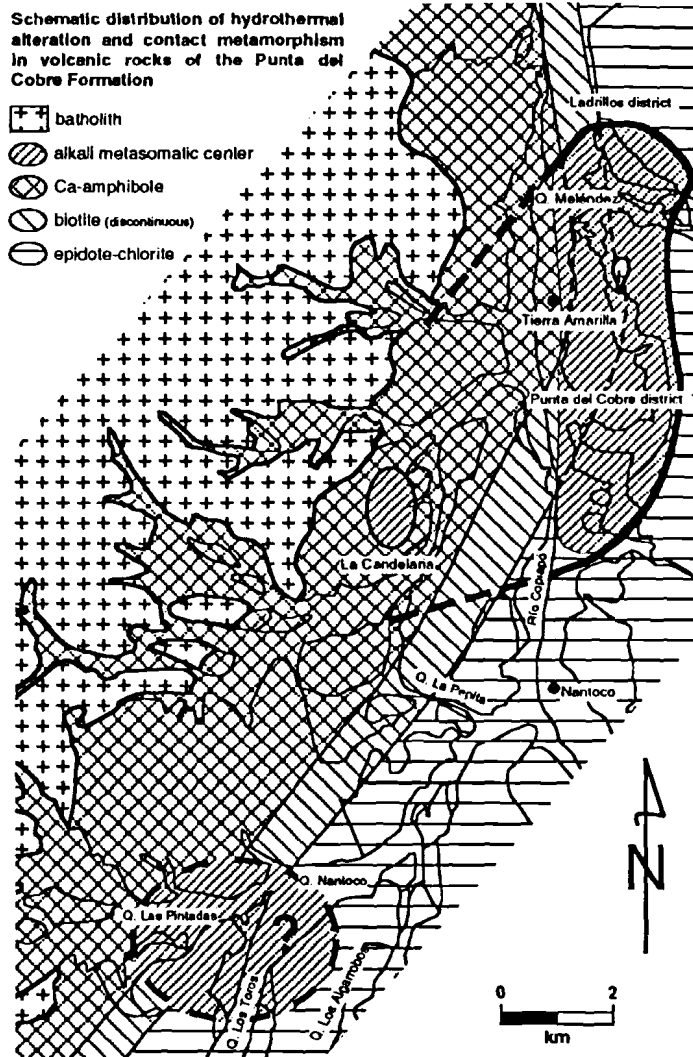


Figure 2. Limits of diagnostic minerals in the volcanic rocks of the Punta del Cobre Formation marked on the geologic map of Figure 1. Outlines of alkali metasomatic centers are also shown.

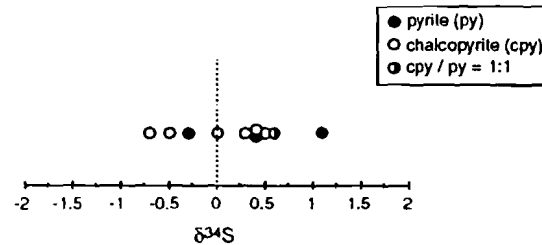


Figure 3. Sulfur isotope ratios of chalcopyrite and pyrite from the mines Santos and Socavón Rampa, Punta del Cobre district.

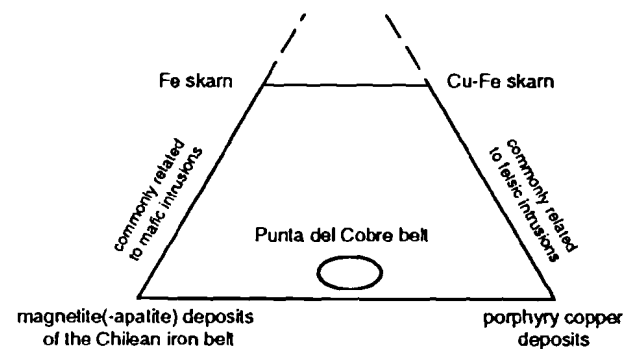


Figure 4. Schematic representation of the Punta del Cobre belt in comparison to other Andean intrusion-related deposit types.

