

The Metallogenic Map of South America Project

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As agreed by the Association of the Geological and Mining Survey of Iberoamerica, after its meeting held in Buenos Aires (November 1998) a new version of the Metallogenic Map of South America will be prepared under the auspices of the Commission for the Geological Map of the World (CGMW), by the Geological and Mining Survey of South America, under the general coordination of the Geological and Mining Survey of Argentina (SEGEMAR). For that coordination was designated Dr. Eduardo Zappettini, and each country has nominated a local coordinator.

Up to now the list designated of local coordinators comprises Ing. Vitaliano Miranda (SERGEOMIN-BOLIVIA), Geólogo Inacio Delgado de Madeiros (CPRM-BRASIL), Ing. Geóloga Rosalba Salinas E. (INGEOMINAS - COLOMBIA), Dr. Waldo Vivallo (-SERNAGEOMIN-CHILE), Ing. Guillermo Aguilera Parreño (-CODIGEM-ECUADOR), Ing. Oscar Palacios Moncayo (INGEMMET-PERU) and Dra. Rosario Bajo de Osuna (SERVIGEOMIN-VENEZUELA)

In order to produce the Map in the most effective way and in a short period of time, the general methodology established for the Metallogenic Map of Africa was adopted.

The 1:5.000.000 Map is divided in two sheets (as in the original 1983 map). The map will depict the more important mineral deposits and describe the essential characteristics within their tectonostratigraphic context. A descriptive information will be included in the explanatory text, which will accompany the map.

As part of the project, a comprehensive mineral deposit database will be created and included in the digital version.

The base map will be prepared from the new Geological Map of South America with a reinterpretation of the mapped units, from a tectonostratigraphic point of view.

The mineral resources database will include the compilation and capturing information on mineral deposits, that will be responsibility of each country in a standardised database. The final compilation will be made at SEGEMAR, and the legend will be made in accordance with the legend devised by CGMW for the Mineral map of Africa.