

**MINERALOGIA DEL NIVEL FERRUGINOSO DEL ÁREA EL SOMBRERITO,
BARKER, PROVINCIA DE BUENOS AIRES**

Gabriela Peñalva y Raúl Fernández
Instituto de Recursos Minerales (FCN y M-UNLP)-CICPBA, E mail:
inremi@infovia.com.ar

Abstract

This paper deals with the mineralogy of Precambrian ferruginous facies of La Juanita Formation, from El Sombrerito area, Barker, Buenos Aires province. Goethite and hematite are present in variable proportions. They are interbanded with illitic shales and cherty rocks and their textures vary from compact, irregular fine-bands, massive, botryoidal to porous masses. Cavities are filled with kaolinite and others clay minerals. Optical analysis, X-ray diffraction data and scanning electron microscopy analysis are given.