

APLICACIÓN DEL MÉTODO IP EN LA PROSPECCIÓN Y EXPLORACIÓN DE DEPÓSITOS DE ARCILLAS EN LOMA DEL PIOJO, PROVINCIA DE BUENOS AIRES.

Por J. Ainchil*, E. Domínguez**, R. Etcheverry*, M. Tessone* y A. Lugones*.

* Universidad Nacional de La Plata (inremi@infovia.com.ar)

** Universidad Nacional del Sur (edomin@criba.edu.ar)

Abstract

Several problems in exploring for clays in Buenos Aires province are linked to the continuity and thickness of the clay beds covered by different types of overburdens, quartzites and loose sediments. This method was tested in clay deposits localized in Loma del Piojo. On clays, the electrical resistivity is relatively low and permits its distinction from others materials of higher resistivity like quartzites. The geoelectrical method is suitable for determining the continuity of the clay layers differentiating them from the overburden. This method is rapid and non-destructive.