

I. INTRODUCTION

During the period from 22nd March to 14th April, 1980, Geoterrex Pty. Limited conducted induced polarisation resistivity surveys, on behalf of the Electrolytic Zinc Company, on the Mt. Colebrook Prospect near Roseberry, Tasmania.

The nature of the survey was to investigate the possibility of mineralisation along strike or at a deeper depth than that known from old 'diggings'. To achieve this the dipole-dipole array using a dipole length of 40 metres and n - separations of $n = 1$ to $n = 6$ was employed on 100 metre spaced lines running east - west across Mt. Colebrook.

The surveys completed are part of the continued exploration of Electrolytic Zinc Company to find ore-bodies in the immediate vicinity of Roseberry to supplement the existing mining operations.