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2. Farrell Group

This group occurs on the extreme eastern side of the area mapped and consists of shale, greywackes, sandstones and reworked tuffs. The relationship between the Mt. Read Volcanics and the Farrell Group was not observed in the field.

7.3.5. Geochemistry (Refer to 1:5,000 Soil Geochemical Plans Pb/Zn & Cu/Fe Reference Nos. AO-504-0025-0028 and AO-504-0031-0034)

All three lines were soil sampled at 20m intervals. No anomalous results were obtained.

7.3.6. Geophysics (Refer to Appendix VII and Induced Polarisation Sheets Reference Nos. AO-525-0054 & 0037)

An I.P. survey was conducted over all three lines using the Scintrex time-domain system. An initial electrode spacing of 100m was chosen for the reconnaissance stage. Two second order anomalies were located and will be detailed next field season.

The anomalies occur on line 5,383,500N at 335,500E - 385,600E and on line 5,383,500N at 382,800E - 382,900E. No other significant responses were obtained from the survey.

7.3.7. Recommendation for 1979/80

The two I.P. anomalies located by the reconnaissance survey will be detailed with 40m dipole-dipole I.P., soil sampled and geologically mapped during the 1979/80 field season. Further work, to be carried out at a later date, will include a small programme of pitting to test soil profiles over the I.P. responses and a detailed stream sediment survey.

7.4. Mt. Sale

7.4.1. Introduction

The Mt. Sale area (named after Mt. Sale in the NE section of the area) is bordered by the Pieman River to the north, the Murchison River to the east, the Murchison Highway to the south, and the Rosebery Mining Leases and the Cutty Sark area to the west. Previous exploration has been limited to