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of $400\Omega/m$ was recorded by the gradient array survey. Similar anomalies were recorded by the frequency domain survey. These anomalies were coincident with the Cutty Sark mineralisation contained in Units 3 & 4 described in Section 7.2.4.

A further broad gradient I.P. anomaly was detailed on lines 12,700N and 13,100N over glacial covered pyroclastics of Unit 2.

2. Ground Magnetics (See Sheet A1-508-0006)

A ground magnetic survey was conducted over the grid and the results plotted at 1:2,500 scale. Magnetic highs of up to 350 gammas above background were obtained from Units 3, 4 and 5. While the high magnetic responses are not generally coincident with I.P. anomalies it should be noted that they are semi-coincident on line 14,100N, near the Cutty Sark mineralisation.

7.2.7. Summary & Conclusions

No new mineralisation was outlined by work at Cutty Sark during the recent programme. Geochemical and I.P. anomalies were adequately explained by the known mineralisation, which does not appear to be of the Rosebery type. Except for Unit 1, which is west of the main mineralisation, no sedimentary units were observed within the volcanic sequence.

7.3. Farm Creek

7.3.1. Introduction

This area is named after Farm Creek which traverses the Murchison Highway in the northern section of the area. The irregular shape of the area relates to the shape of an EL (11/74) acquired by Cominco Exploration Pty. Ltd. in 1974 and surrendered in January, 1976. The ground was subsequently repegged as an extension of SPL 3 (Tullah) and later amalgamated into EL 1/62.

Previous activity on this area by E.Z. was limited to geological mapping of the Murchison Highway and the end of some