4. EXPLORATION UNDERTAKEN 5TH MAY, 1982 TO 20TH NOVEMBER, 1982
(Refer to Plan A2-504-0016 "Work Completed 5.5.'82 - 20.11.'82")

4.1. West Murchison

4.1.1. Work Completed

Cutting of the small detail grid over the West Murchison soil anomaly commenced. Progress has been slow due to the very steep slopes in the area and to the lack of access. The grid can only be reached after an approximate one and a half hours walk from the nearest vehicle access.

At the close of the reporting period 2.1km of a total 4.8km cutting had been completed. The 600m baseline had been pegged.

4.2. Dobsons Creek

4.2.1. Work Completed

Grind and split core sampling of DDH DCP 235, which was commenced in the last period was completed in this period. Samples were sent to Analabs and analysed for Cu, Pb, Zn, Ag, Fe and Mn by A.A.S. after leaching by nitric-perchloric acid.

4.2.2. Results Received (Refer to Appendices C & D & plan A1-504-0178)
The assay results reported are generally low but there are sufficient samples of elevated Pb and Zn to account for the original soil anomaly which peaked at 1,500 ppm Pb and 525 ppm Zn. The highest assay reported is:-
67.0 - 67.7m 0.7m at 1.45% Pb, 2.20% Zn, 11 ppm Ag; from a fault zone with poor core recovery of broken siltstone and quartz and carbonate veins.

Pyritic and carbonate veined dark grey siltstones reported the following assay:
52.80 - 57.0m 4.2m at 2,157 ppm Pb, 2,350 ppm Zn.
The thin section from 61.0m describes post-cleavage sphalerite films and veinlets. Similar mineralisation probably accounts for the above assay values. It would appear that all the Pb, Zn mineralisation encountered is secondary shear-located sulphides.