

Line which runs north-south through the centre of the gridded area was also cut out.

All lines were pegged at 20m intervals and geologically mapped. The original anomaly was detailed with gradient array I.P. (20m potential electrodes) and lines 5,372,400N, 5,372,300N and 5,372,200N were surveyed with dipole-dipole I.P. (40m electrode spacing).

5.4.3. GEOLOGY

(refer to 1:10,000 Geological Sheet 7 Ref. No. AO-525-0006 Appendix 1 - C.M.S. reports 80/5/46)

Mapping of the detailed grid revealed that the rocks were a monotonous sequence of porphyritic andesites and trachyandesites which interfinger with pyroclastics (probably ashflows and ashflow agglomerates) of similar composition. The green cleaved chloritic "shale" originally mapped on line 5,372,000N proved to be a greenschist altered porphyritic dacite with slaty cleavage. Fine grained pyrite (up to 1%) was observed in the rock.

5.4.4. GEOCHEMISTRY

(refer to 1:10,000 Soil Geochemistry contour plans Sheet 7 for Pb, Zn & Cu Ref. No. AO-525-0026,-0027 & 0025)

Soil sampling of the follow-up grid has been completed. The samples were treated the same way as those collected from the reconnaissance grid.

For Pb and Cu, backgrounds were low and only a few isolated values rose above background. The highest Cu value was from an isolated sample which analysed only 25 ppm Pb and 140 ppm Zn. There was no evidence of significant down hill dispersion. Similarly the highest Pb assay was 235 ppm from an isolated sample