It appears unlikely that these westerly magnetic anomalies can be explained by outcropping geological features. The chlorite-magnetite alteration described by Poltock (1981) is restricted to a small area west of the base line on 9200N and may be the cause of the two minor magnetic anomalies centred on 9700E and 9925E respectively (see fig 7).

In general there is little coincidence between magnetics and geochemistry. The relief on the Voyager 16 gridded area suggests that the source of the magnetic anomaly lies at depth. This is somewhat re-inforced by the continuity of the geology across and beyond the area of the magnetic anomaly.

v) Conclusions

Additional work is warranted at Voyager 16 particularly in the south-west of the grid to explain the Cu-Pb-Zn-Fe ± Au geochemistry. Infill gridding and soil sampling is recommended.

At this stage the magnetic anomaly on the eastern part of Voyager 16 appears to be similar and possibly genetically related to the Voyager 9 magnetic anomaly. Any further work should await the outcome of the proposed drilling at Voyager 9.