

Self-potential, magnetic and VLF-EM surveys were completed over all grids in this prospect (DRG No. K555-37). The results of the South Broken Hill I.P. survey were also studied and plotted.

Anomalies in these geological, geochemical and more particularly, geophysical surveys resulted in the drilling of two holes adjacent to the Comet mine (C1-2) and two holes in the North Comet Grid (NC1-2). The North Comet drilling was very disappointing with no significant mineralisation being intersected (Appendix XVII). Although the results of the Comet mine drilling were disappointing the loss of core in dolomitic (possibly mineralised) zones caused the drilling to be inconclusive (Figures 65 and 66). Further drilling to test the dolomitic horizons around the Comet mine was recommended.

No further work was considered warranted on the Comet Prospect.

Kosminsky-South Comet Prospect. The target in the Kosminsky-South Comet Prospect was a continuation and enlargement of the Kosminsky-South Comet lead/zinc mineralisation (Figure 67). This prospect was the area of Geophoto's initial and most concentrated interest during the term of E.L. 7/68 (Rattigan & Paterson, 1969).

Initial work comprised detailed mapping along 177,500 feet of grid lines during the collection of 190 soil samples from line 20S and 196 samples from line 26S of the Comet-Kosminsky grid. These were analysed for Cu, Pb, Zn, Ni, Co, Ag and Sn. Rock samples from old dumps and outcrops in the Comet-Kosminsky (80) and South Comet (200) areas were analysed for Cu, Pb, Zn, Ni, Co and Ag with selected samples analysed for Cr.

Later 36 soil samples from a traverse along the surface projection of DDH-SC2 were analysed for Cu,

/....