

however above average Zn and Cu values 200 to 400m west of the Carbine Hill summit and 200 to 400m S.W. of the Black Hill summit are not associated with Sn, As or Pb anomalies. High values of Cu are also recorded over spilites and mafic tuffs.

5.4 Geophysics - Work Completed

During 1983-84, V.L.F. and ground magnetic surveys were carried out by contractors G. and M. Freeman over both grids. Data for all the surveys is presented on line profiles (Figures 26-63). Corrected reading from the magnetic survey are tabulated in Appendix 5 and contoured values are shown on Figure 23. Readings from the V.L.F. survey are tabulated in Appendix 6 and contoured Fraser algorithm values are shown on Figures 24 and 25.

A description of the ground surveys and a discussion of the results by Dr. J.R. Bishop is presented in Appendix 7.

5.5 Diamond Drilling

5.5.1 Introduction

Three diamond drill holes were completed during 1983-84 for a total of 1,495m. The holes were drilled by Associated Diamond Drillers of Zeehan using a Mindrill F52 diamond drill rig.

Drill hole GP6 was designed to test the Grand Prize Fault at depth (1950m R.L.) below the mine workings near its intersection with the Grand Lottery Fault. GP7 was designed to test the Grand Prize Fault at 2000m R.L. at the