

- (1) On the summit of Black Hill and on a smaller summit to the north of there
- (2) South of Kapi Creek
- (3) On the summit of Carbine Hill
- (4) South of Confidence Saddle associated with tourmalinization of conglomerate

5.3 Geochemistry

5.3.1 Work Completed

Contractors, G. and M. Freeman, J. Horak and P. Dorney, collected C horizon soil samples at 25m intervals over both grids, except for the area previously covered by sampling on the Kapi Grid. Samples were dried, sieved to -80 mesh and assayed for Cu, Pb, Zn by A.A.S. and Sn, As by X.R.F. at the Renison laboratory.

Assay results are shown on contoured plans (Figures 3-22) and line profiles (Figures 26-63). Detailed sample descriptions and assays are given in Appendix 4.

5.3.2 Results

Background values were below detection limit (10 ppm) for Sn and As, 10-40 ppm for Pb and Cu, and 20-60 ppm for Zn.

Broad areas anomalous in Sn occur in the Grand Prize Mine area and in the vicinity of Pine Hill. These reflect, respectively, the outcropping tin-rich gossan of the Grand Prize Fault and