

5. WORK COMPLETED AND RESULTS 1983-84

5.1 Access

Two bulldozed access tracks, totalling 110m, were established from existing tracks to drill sites GP6 and GP7.

5.2 Geology

5.2.1 Work Completed

Geological mapping was carried out in the area along creeks, tracks and the newly established grid lines of the Black Hill and Carbine Hill Grids. Interpretative geology is presented on Figure 2 and line profiles, Figures 26-63.

Rock chip samples collected during mapping were assayed for Sn, As, WO_3 , Cu, Pb and Zn. Assays and sample descriptions are given in Appendix 2 and on Figures 3-22. Petrological descriptions of some of these samples are presented in Appendix 3.

5.2.2 Stratigraphy

The mapped area is underlain entirely by Dundas Group sediments and basic and ultrabasic igneous rocks. The stratigraphic table established by Blissett (1962) correlates well with the stratigraphy in the Grand Prize Mine area. However a direct correlation cannot be made between the upper part of the Dundas Group in the Grand Prize Mine-Black Hill areas (Fernflow and Comet Formations) and the Carbine Hill area because of lithological variation along strike and a lack of outcrop in some critical