

050

7. MT. BLACK (I. McNaught)

7.1. Introduction

The Mt. Black area is located immediately north of the summit of Mt. Black and is accessible by a road east of the Rosebery Mine open cut. (See Figure 1).

Previous exploration by EZ Company had indicated sediments, anomalous Cu-Pb in soil and minor gradient array IP chargeability anomalies. One of these anomalies lies along strike from a broad area of concealed geology which had not been explored.

The recent DIGHEM survey indicates a broad and intense low resistivity zone, containing several DIGHEM conductors over the Mt. Black area. (See Appendix D.1. and Figure 6).

Following reconnaissance geology, rock chip geochemistry and VLF EM traversing, the existing grid was re-established and in-filled. Detailed evaluation is in progress and final results will be presented and illustrated in the next report.

7.2. Previous Work

The Mt. Black area had been initially gridded by EZ Company with one kilometre spaced lines and explored with soil geochemistry, gradient array IP and geological mapping.

Based largely on the results of the IP, small follow-up grids were cut. Subsequent exploration included geological mapping, soil sampling and, where required, pitting on anomalous zones to establish the nature of the bedrock.

7.3. Work Completed

Reconnaissance Traverses: 6.4km of existing grid lines and compass and tape in-fill lines were traversed with VLF EM, geological mapping and rock chip sampling over 1.5km of strike length.