

to assist in outlining some of the structures. The sequence of faulting is not clear and dips of the structures are unknown except in the Grand Prize area. Faults can be separated into three groups:

- a) N.E. trending. Apparent strike slip displacement of up to 900m (e.g. Razorback North). These faults appear to be more extensive towards the east and are associated there with Pb-Zn mineralization in the Godkin Ridge and Great Northern Mine areas. These structures probably occur in conjunction with, and are partly offset by, N.W. trending faults.
- b) E-W trending. Apparent dip-slip displacements of up to 300m occur (e.g. serpentinite-Dundas Group boundary in the southern part of the mapped area). The E-W and N.E. trending faults are sub-parallel to strike in the Grand Prize Mine area and difficult to recognize. N.E., or E-W trending faults have offset the anticlinal axis in the Kapi Creek Area.
- c) N.W. trending. Locally mineralised (e.g. Grand Prize and Grand Reward Faults) with apparent strike slip displacements of up to 200m.

5.2.4 Discussion

Geological features which were observed during the course of the recent mapping and which are relevant to exploration include: