

Fault, the carbonate could become thicker towards the south. If this is so, there is a real possibility that mineable widths of carbonate replacement mineralization are present in this area. In this regard, it may be relevant to note that GP6 intersected some carbonate replacement mineralization in the Grand Prize Fault adjacent to the ultrabasic.

7. CONCLUSIONS AND RECOMMENDATIONS

7.1 Black Hill and Carbine Hill Grids

Reconnaissance geological, geochemical and ground magnetics surveys on these grids have highlighted the prospectivity of four separate areas, apart from the Grand Prize Mine area:

- (1) Great Northern Mine. There is a potential here for stanniferous fracture controlled and carbonate replacement pyrrhotite mineralization in the general vicinity of a large magnetic anomaly and some old workings developed on base metal sulphide vein mineralization.
- (2) South Confidence Saddle. This area has potential for fracture controlled tin mineralization in the vicinity of a hydrothermally altered (tourmalinized, hornfelsed) conglomerate.
- (3) Pine Hill. This area is characterized by strong Sn-As soil geochemical anomalies and is prospective for stanniferous fracture controlled and carbonate replacement pyrrhotite mineralization as well as tin skarns.