

6.1.5. ROCK CHIP SAMPLE GEOCHEMISTRY

(Refer to 1:5,000 plan A4-521-0061) Appendix 7)

Twenty rock chip samples were collected from fresh rock exposed in the drill site access track for N.P.P. 213 and 214. They show good correlation with soil geochemical data, with the highest assay of 1250 ppm Pb and 465 ppm Zn coming from a sample adjacent to the highest soil geochemical sample location.

6.1.6. SOIL PROFILE TEST PITS

(Refer to Appendix 5)

The plots of the geochemical results show that the highest geochemical concentrations are near the base of the 'C' horizon, where a podzolic soil type occurs. Where soil development is poor, this may not be the case for example the profile at 378,970E on line 5,387,100N.

6.1.7. GEOPHYSICS

(Refer to 1:10,000 plan A0-525-0033 & Appendix 1.)

A number of geophysically anomalous zones, detected by a reconnaissance I.P. dipole-dipole (100m) survey, were detailed using a 40m dipole spacing. None of the responses located in the detailed survey were considered of prime interest in their own right. However, a number of them were coincident with soil geochemical anomalies. These coincident geophysical-geochemical anomalies were generally in bands adjacent to the eastern and western volcanic - sediment contacts although some occurred entirely within the Burns Peak Rhyolite.

Significant geophysical anomalies occur at:

Line	Easting of Anomaly	Depth
5,387,300N	379,080E	less than 100m
	378,480E	less than 20m
5,387,100N	378,940E; 379,140E; 379,420E	all within 40m