Geochemistry.

Rock samples collected along the coastal section of Elliott Bay to the south and east of the Voyager 3 prospect resulted in peak values of 350 ppm Cu, 3850 ppm Pb and 6500 ppm Zn. Complete analytical results for Cu, Pb, Zn, Ag, Mn, Fe, Cd, As, Sn and Au from the Voyager 3 rock geochemistry are tabulated on Sheet KT 27/76 8A and presented in Appendices No's 7,8,9 and 10.

During the 1977-78 field programme, C-horizon geochemistry was carried out at 50 metre centres on the Voyager 3 Area grid traverses. The geochemical survey was planned to evaluate the base metal potential of an area of approximately 10 square kilometres showing irregular mineralization during coastal geological mapping.

Augering was carried out using a Jacro 200 rig mounted on the rear of a Muskeg Bombardier and C-horizon samples were obtained from an optimum depth of 2.0 metres or refusal. In areas inaccessable to the rig, augering was completed by hand auger techniques.

A total of 233 holes were augered, producing 263 samples (including duplicates) for a total depth 451.60 metres. The 1 in 10 duplicate sampling procedure acts as an assaying check.

The analytical results for Cu, Pb and Zn are presented in contoured form on map numbers:

KT 27/76 V3 A - 5,	C-horizon Geochemical Results,	Copper Contours
KT 27/76 V3 B - 6,	C-horizon Geochemical Results,	Copper Contours
KT 27/76 V3 A - 7,	C-horizon Geochemical Results,	Lead Contours
KT 27/76 V3 B - 8,	C-horizon Geochemical Results,	Lead Contours
KT 27/76 V3 A - 9,	C-horizon Geochemical Results,	Zinc Contours
KT 27/76 V3 B -10,	C-horizon Geochemical Results,	Zinc Contours

Complete analytical results for Cu, Pb, Zn, Ag, Mn, Fe, Ba and Sn from the Voyager 3 Area grid C-horizon geochemical programme are presented in Appendices No's 11, 12 and 13.