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evaluation of the known mineralized outcrop zone the auger hole spacing was closed up to 12.5 metre centres on line 00 N between 200 E and 300 E.

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

A total of 31 holes were augered, producing 35 samples (including duplicates) for a total depth of 26.95 metres. The 1 in 10 duplicate sampling procedure acts as an assaying check.

The Cu, Pb and Zn results are presented in profile form on Sheet KT 27/76 1G. Lines 00 N and 500 S show coincident anomalous Cu, Pb and Zn results. Peak values of 1,140 ppm Cu, 160 ppm Pb and 140 ppm Zn were obtained on traverse 500 S approximately 550 metres south east of the old workings. This brief reconnaissance survey indicated an significant extension to the Voyager 2 mineralized zone.

Complete analytical results for Cu, Pb, Zn, Ag, Mn, Fe, Ba and Sn for the C-horizon samples at Voyager 2 are tabulated in Appendices No's 4, 5, and 6.

Peak values obtained from rock samples of the mineralized zone at Voyager 2 were 4200 ppm Cu, 740 ppm Pb and 510 ppm Zn. Complete analytical results for Cu, Pb, Zn, Ag, Mn, Fe, Cd, As, Sn and Au from Voyager 2 rock geochemistry are tabulated on Sheet KT 27/76 6A and presented in Appendices No's 7, 8, 9 and 10.

During the 1977-78 season, C-horizon geochemistry was carried out at 25 metre centres on the Voyager 2 grid traverses. The geochemical survey was planned to evaluate the base metal potential of the Lewis River Volcanics in the vicinity of the Voyager 2 mineralized zone, with special reference to along strike extensions.