

Experience at Elliott Bay, particularly at Voyager 19, has shown that the upper soil horizons and even the upper part of the C-Horizon are strongly leached of base metals. There is evidently no development of a secondary geochemical dispersion (halo) around even near surface mineralization. It also is apparent that the Voyager 19 high grade massive sulphide mineralization is very discrete and is not associated with extensive lateral or footwall geochemical dispersion patterns.

Under these conditions, it must be recognized that soil geochemistry surveys may not be effective in detecting buried mineralization, especially on a 200x25m sampling grid.