

A NEW ZINC OCCURRENCE IN THE REVELSTOKE AREA

(82M/8W)

By G.P.E. White

While searching for scheelite north of Revelstoke the Cameron-Jenkins-Campbell prospectors discovered zinc with secondary hydrozincite at an elevation of 835 metres, north of Mars Creek, latitude 50 degrees 21 minutes, longitude 118 degrees 22 minutes.

Sphalerite and pyrite in a manganese-dioxide-stained metamorphosed siliceous sediment occur in 1-metre bands with an exposed strike length of 10 metres. The host rocks are sericite-chlorite schist, sericite-quartz-albite schist, biotite-chlorite schist, and minor amounts of sericitic quartzite. The regional attitude is 170 degrees, 25 degrees east. Due to the incompetent nature of the schists many crenulations and minor folds are present.

Analysis by our Analytical Laboratory of a grab sample gave a 2.23 per cent zinc, 0.15 per cent lead, and 0.01 per cent cadmium; the cadmium was by spectrographic analysis.