

## THE STIRLING MOLYBDENITE SHOWING

(82M/8W)

By G.P.E. White

The Stirling property (MDI No. 082M/087), owned by CJC Explorations Ltd. of Revelstoke, was optioned by Newmont from July 1980 until July 1981. The property is located approximately 54 kilometres north of Revelstoke at latitude 51 degrees 23 minutes, longitude 118 degrees 25 minutes. Most of the showings are easily accessible from the old or new Mica Dam Highway.

Molybdenite occurs in concordant pegmatite-like sills in Lardeau Group metasediments. The sills consist of quartz, albite, pyrite, pyrrhotite, with carbonate, fuchsite, galena, occasional sphalerite, and rare allanite. Sericitic impure quartzite, quartz-chlorite-muscovite schist, graphite schist, crystalline limestone, and chlorite-muscovite-magnetite schist have a general strike of 015 degrees with a 30-degree northwest dip.

During the 1980-1981 season Newmont collected 252 rock, 28 soil, and 10 trench samples for alteration studies and geochemical assaying, did 23 kilometres of magnetometer surveying, and drilled 45 overburden and 10 BQ diamond-drill holes, the latter totalling 1 320.8 metres.

One of the better intersections in diamond-drill hole 81-8 comprised 2 metres of 4.67 per cent  $\text{MoS}_2$ . In diamond-drill hole 81-2 there was 0.39 per cent  $\text{MoS}_2$  over 2.4 metres.

The above information for the most part was taken from reports by Denis Bohme of December 29, 1980 and July 10, 1981, personal communication with Denis Bohme June 17, 1981, and a report by D.M. Hausen of Newmont dated June 2, 1981.

John Kwong of the Analytical Laboratory identified the allanite.