

92 I / 16W
92 I / NE - 88

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By J.S. Stevenson
1936

Bear Cat. -- The Bear Cat group includes 8 mineral claims,

Bear Cat Nos. 1 to 8 inclusive, staked in 1934 and owned by G.P.

Miles and associates of Kamloops and Vancouver.

The only working, an adit, is at an elevation of 2500 feet on the north-east side of a small creek, the second upstream flowing eastward into Jamieson Creek. The working may be reached from the dam on Jamieson Creek by 4 miles of trail which partly follows the old/road up Jamieson Creek; and then by another half a mile of steep trail up the tributary creek. The topography in the immediate vicinity of the adit consists of partly wooded steep hillsides and of bluff gullies leading into the narrow creek bed.

The adit has been driven south-easterly for 80 feet, 70 feet of this being on a lenticular quartz vein, dipping steeply eastward, and ranging in width from 14 inches at the portal, to 6 feet at the top of winze, 40^{feet} in, which has been sunk 16 feet on the vein, to a knife edge at 70 feet and then disappearing as a joint in the wall-rock. The vein-quartz is sparingly mineralized with pyrite, chalcopryite, sphalerite and galena, sampling of which showed only

traces in gold and silver. The wall-rocks comprise limy phyllites and schists that strike north 25 degrees east and dip steeply south-eastwards, but near the portal they are highly contorted and 15 feet in, a small indefinite anticlinal structure occurs.

Numerous cross-joints in the wall-rocks have been filled by $\frac{1}{2}$ -inch quartz-calcite stringers.