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RAINY HOLLOW AREA - (114P/9W)

Three high-grade replacement skarn prospects (Adams, Lawrence, State of Montana) were visited in the Copper - Butte - Inspector Creek area located approximately 65 km west of Skagway, Alaska. The replacement deposits occur in sedimentary rocks of Permo-Carboniferous age that have been intruded and metamorphosed by a large body consisting mainly of granodiorite and quartz diorite. At the Adams prospect lead-zinc mineralization occurs near the contacts of skarn, graphitic argillite, quartzite and marble and gangue minerals include wollastonite, green garnet, epidote and calcite. The widths of mineralization range from 15.3 cm to 50 cm with attitude of 030° steep NW. At the Lawrence prospect lead-zinc mineralization occurs in skarn mainly near the contact between marble and quartz-feldspar-porphry and between marble and mica schists. Attitudes are 030°/steep NW. At the State of Montana prospect, located on the west side of Copper Butte, the dump in front of the portal displayed high-grade bornite-chalcocite mineralization which lies in mainly yellowish-green garnitite. An irregular band of skarn with a general northeast strike and dipping steeply to the north with widths between 3 metres and 18 metres lies between marble and quartzite. Malachite is conspicuous on cliff faces. Underground workings total 115.8 metres.

[Ref.: B.C.D.M. Bull. No. 25].