

(11.2.8.8)?

136°06'W

57°40'N

114 - 5

PRELIMINARY REPORT OF MIKE WALL PROSPECT, LAKE ANN,
WEST COAST CHICHAGOF ISLAND, SITKA MINING DISTRICT, ALASKA,
July 7, 1936.

KX 114-31

Location:

A small group of claims have been located across the narrow peninsula of land between Klag Bay and Lake Ann, one mile east of the outlet of the latter. The group extends in a northwest-southeast direction following the strike of a small greenish dike.

Geology:

The geology of the west coast of Chichagof Island has been reported and mapped by R. M. Overbeck and contents are found in U. S. G. S. Bull. 692, "Mineral Resources of Alaska, 1917," pp. 91-136. The formations in which this prospect is contained is graywacke and slate of upper Jurassic age. Two dike systems are evident in this vicinity, one striking northwest (the showing of this prospect is one of them) and the other series strikes northeast. They are fine grained, light greenish in color and weather brown. They are apparently the same age, but are earlier than the great parallel thrust faults that cut these sediments into large faulted blocks.

Showing:

Beginning on the beach on the north shore of Lake Ann, one mile east of the outlet, an 8-foot dike has been exposed by a short tunnel 10' in length driven along its strike. The strike is N. 69° W. and the dip is nearly vertical. This dike is contained in graywacke with free walls. It has been fractured and silicified. The fractures are filled with quartz and have the appearance of scattered gash veins. They are small, the widest seen was 5 inches and non-continuous. They contain some pyrite which has oxidized near the surface and free gold has been found in the quartz and also in the greenish dike material. Along the walls a thin gouge exists in places and other places small widths of quartz.

A rock trench 30' by 7' and 6 feet deep has exposed the dike at a point 150' northwest of the tunnel at an elevation of 80'. This trench contains some gash veins in the dike up to 5 inches in width. They are mineralized with pyrite and gold colors were reported seen in the quartz. Two smaller cuts make up the total of the work done on this property.