

(18,425)

Petersburg

132706
5/22/28
UNITED STATES

PE-117-2

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

The Lake Virginia Mining Co. *RX117-28*
Wrangell Precinct.

Examined by J.G. Shepard.
Oct. 1925.

The Claims of the Lake Virginia Mining Co. are reached by following the route which leads to the Ground Hog Basin Country. After crossing Lake Virginia to the mouth of Porterfield Creek, the trail is followed for about two miles, at which point, a branch trail strikes east a matter of three quarters of a mile to the claims. They are located on the steep hillside, at an elevation of 1500 feet above sea level. Timber is abundant.

Geology is described by A. S. Buddington in Mineral Resources of Alaska, Geological Survey Bulletin #39.

Surface equipment consists of some tent buildings, the frame work for a small mill building, a partially completed aerial tramway, and a gasoline driven air compressor of one drill capacity.

Mine workings consist of an adit tunnel which cuts the vein at a depth 75 feet below the surface. About 125 feet of drift has been driven along the vein. This drift discloses an ore shoot 35 feet long and from 4 to 6 feet in width. About 1000 tons of ore ~~has~~ developed between the adit level and the surface. An additional 300-foot depth could be obtained by driving a 700 foot crosscut. A picked specimen from the dump returned 26% lead and 5 ounces of silver.



Skeleton of Mill.

Considerable money has been spent on the moving of machinery to the property. This expenditure, together with the money invested in the mill installation is not warranted at the present time. Future development may warrant the mill installation but the development work should certainly be done first.