

PE-117-01

13 11 10 13  
132° 22' W  
56° 25' N  
UNITED STATES

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY

The Garnet Mine.  
Wrangell Precinct.

117-1  
117-23

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

The property known as the Garnet Mine is located at tide water, about 8 miles north of Wrangell, near the east shore of the mouth of the Stikine River. It is necessary to visit the property at high tide, because of the shallowness of the water on the river flats.

Geology is simple. Beds of mica schist about 10 feet in thickness are alternated with beds of a more consolidated schist. The fore-mentioned beds carry garnets of a fairly uniform size, approximately three quarter inch in diameter. The bed carrying the garnets most numerous, is owned by Miss Annie Durkee, of Arizona, and is under option to the Alaska Garnet Mining Co. Ltd. This company is a British Corporation, headed by Col. Harrison, of Victoria, B. C.

There are some buildings on the property, but no machinery. The work so far attempted, has been done by hand. Small shipments have been made from the property from time to time. It would necessitate a test of considerable size to determine specifically the amount of garnet contained, however, an estimate of 8 to 10 percent garnet to the ton of rock would be venture as being nearly correct, for the bed which has been partially opened up.

This garnet is a superior grade of abrasive material and at the present time is quoted at \$ 85.00 per ton f.o.b. mines.