

11.6,3.07

PE-112-12

58°10'N  
134°45'W

NOTED

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PRELIMINARY REPORT OF ALASKA RAND GROUP, KX 112-96  
HAWK INLET, ADMIRALTY ISLAND, ALASKA,  
April 30, 1938.

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Geologist

Location and Accessibility:

The Alaska Rand group of claims is situated at the north end of Hawk Inlet, five and one-half miles from the outlet and three and one-half miles north and east of the cannery. The claims extend from the beach north for a length of 4,500 feet. The claims are accessible to ocean going boats to within half a mile or the margin of deep water.

Owner:

The group consists of seven lode claims held by J. J. Thomas.

History:

The gold discoveries on this group were found by Dr. M. Damourette and J. J. Thomas in 1922. The short tunnel and cuts shown on the following sketch were started in 1923. A road was built from the beach inland for a distance of 400 feet. The property was known as the Brown Bear. Following the above work the property remained idle and was later restaked by J. J. Thomas under its present name. Since restaking only assessment work has been done.

Geology and Showings:

The formations that occur over this entire group consist of folded and highly altered phyllite schists with inclosed schisted greenstones. The greenstones occur as large lenses, and with the intense pressure to which they were subjected during the folding, they, along with the phyllites, were highly schisted and sparsely mineralized. The general strike of the schist is N. 25° W. and has a general dip of 60° W. Both large and small masses of quartz occurring as lenses in the schist comprise the showings.

The lower showing is located along the road at a point 300 feet back from the beach at an elevation of 125 feet. Here a trench 100 feet in length cuts across the formation against the slope of the hill. At the east end of this cut a tunnel approach into the hill has been advanced 30 feet. This tunnel approach was an endeavor to pick up the quartz showings above. The first quartz outcrop is vertically 90 feet above and is exposed a few feet with a 4-foot width. The quartz is glassy to white, contains inclosed schists, and is nearly void of mineralization. Twenty feet above this outcrop another lense of quartz

of the same character outcrops a few feet in length and varies from 4 to 6 feet in width. These upper showings were not sampled. A grab sample of loose material was taken at the face of the tunnel approach which gave negative results.

The upper showing, note sketch, is located two-thirds of a mile via trail inland from the beach. The workings consist of a 25-foot crosscut tunnel and two opencuts. The cut of the tunnel approach cuts phyllite-schist with 5 feet of black curly schist on the footwall of the quartz lense. Thence 25 feet of massive white quartz shows in the tunnel, becoming banded on the hanging wall in contact with greenstone schist. The hanging wall strikes N. 25° W. and dips 85° W. Two channel samples across this lense gave \$.70 and \$1.05 per ton in gold.

Cut No. 1, located 40 feet northwest of this tunnel, exposes the contact of greenstone schist and phyllite schist. The lower end of this cut is filled. The upper end, exposing the contact and greenstone schist, shows small stringer quartz veins paralleling the schist. These are slightly mineralized.

Cut No. 2, located 65 feet northwest of cut No. 1, shows 20 feet of massive white quartz on the contact of the greenstone and phyllite schist. Sample No. 364 was taken across 13 feet of this quartz and nil results were obtained.

Mineralization:

The only metallic minerals noted, both in the quartz and in the schist, were pyrite and a little arsenopyrite. This mineralization is very weak and irregularly scattered. The gangue minerals consist of a milky white to glassy crystalline quartz containing numerous altered pieces of wall rock. A small band of highly banded gray quartz was noted on the hanging wall in the face of the tunnel. Calcite and possibly ankerite were noted in association with the altered phyllite schist. Within the schist mica and graphite were noted.