

PE-119-6

6/2/38. (HGW.)

Flagstaff Group:

K* 119-3

(18.3.9.6)

55°32'N

132°40'W

The Flagstaff group of eight claims is located on the southeast side of Granite Mountain, which lies about four miles west of the head of Karta Bay, Prince of Wales Island. Four claims of the group are located on a vein which strikes N. 30° W. and lie at an elevation of 2,500 to 2,600 feet. Two claims are located on a vein striking N. 65° W. This vein outcrops in a creek and the lowest exposure is at 1,350 feet elevation and the upper exposures are several hundred feet higher. A mill site has been located on Granite Creek about a mile above its mouth.

This property was originally located as the "Treasure Mine" by Anton Diminue in 1900. Dr. Agrisick and associates spent \$40,000 on the property and then abandoned it. Tom Stevens staked the property in 1912, and Tom Stevens and Mrs. B. Annett are the present owners. The property was taken under bond and lease by the Flagstaff Mining Company last fall (1937) after it had been called to the attention of one of the partners by the Department of Mines field engineer.

A 4½-mile cat road has been built from Karta Bay to the mill site. A sawmill was put in operation and lumber sawed for mill building, bunk-houses, etc., and a 25-ton mill has been installed. The ore will be ground in a ball mill and recovery made by gravity concentration, amalgamation and flotation. Installation of a bucket tram from the mine to the mill, a distance of approximately 1,600 feet, is under way and it is expected the mill will be in operation about June 5.

The upper vein on this property is covered by four claims known as the Orion claims. The vein strikes N. 20° to 30° W. and dips approximately 25° W. and is exposed on both sides of a southwest trending ridge at elevations ranging from 2,550 to 2,700 feet. The vein is traced along the strike for approximately 500 feet. Three tunnels have been driven on the vein on the south side of the ridge, the longest being 155 feet. A tunnel has been driven 66 feet on the vein on the north side of the ridge and the vein is exposed by trenches where it crosses the ridge. The vein is a fissure vein in diorite in which post mineral movement has broken the quartz filling into small irregularly spaced remnants which are mixed with considerable gouge. The width of this vein varies from 1 foot to 3 feet and the percentage of quartz varies from 25% to 70%. Some high grade ore was reported to have been found in this vein and the high grade was mortared and panned. Tom Stevens' most recent work had been the driving of a 66-foot drift at elevation 2,660 feet on the north side of the ridge. Five samples were taken in this tunnel and the values ranged from 27 cents to \$3.72 and the vein width from 1 foot to 2 feet. Two samples were taken from the vein outcrop on the crest of the ridge. A sample across 4 feet of quartz at the highest exposure assayed \$1.40 in gold and a sample across 3 feet of quartz in the opencut above the upper tunnel on the south side of the ridge assayed \$1.40 in gold. The portal to the upper tunnel, north side, had been shot out. The lower tunnel on the north side is 165 feet long and follows the vein on an irregular course

NOTED

JUL 6 -

B. D. STEWART
Commissioner of Mines

No. 1 as described by Rockman in his Prelim. Report - 1928 (23)

NOTED

JUL 6 - 1938

B. D. STEWART

115° 20' W
N 20° E

Per
W. H. B. 13-000
Rockman = N 25° E

Slip. pad
molecular
map - 4-20-20
1224

Play stopped. The
understand turned on the

Quote
Night Bros. 100
Night 50

- Mary M
 Bros -
 Day 6 (1911)

- Mary M
 Bros -
 Day 6 (1911)