

(18.7.7.4)?

136°28'N  
56°25'W

MEMORANDUM ON RED TOP PROPERTY  
DUNDAS BAY, JUNEAU PRECINCT

Kx III-11  
III-2

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Prepared by B. D. Stewart  
Commissioner of Mines  
from notes taken in 1938.

The Red Top property, which in 1933 was held by "Doc" Silver, a resident of the area, is situated on the north shore of Dundas Bay, opposite the elbow, about 7 miles northwest of Point Dundas, where the upper bay splits into two arms.

The property held by Mr. Silver embraced two claims: Red Top No. 1 and Red Top No. 2.

On the Red Top No. 1 claim a quartz vein ranging from about 1 foot to 2 feet in thickness is exposed at the surface at a point on the west side of a stream in a rocky gorge and at an elevation of 440 feet above sea level.

The vein lies parallel to a distinct footwall that strikes S. 50° E. and dips 65° West. The bedrock of both walls is grayish-green diorite, tending toward gabbro in composition. The footwall bedrock, which is sheared along joint-planes, is silicified and pyritized; in places heavily in streaks up to 1/2 inch in thickness.

At the time of visit this vein had been developed at this point by a bedrock cut 55 feet in length leading to the portal of a tunnel 16 feet in length. The east wall of the cut ranged in depth from 0' at the mouth to 8 feet at the tunnel-portal, and the west wall from 0' at the mouth to 25 feet at the tunnel portal.

In the rock-cut the vein has a banded structure, somewhat shattered and with gray streaks in the central 6 inch section and iron-stained.

At the face of the tunnel the vein is split into two sections separated by a spindle-shaped horse, 3 feet in maximum width at 4-1/2 feet above the floor. The hangingwall split, which is 3 to 6 inches in thickness dips 51° west, the footwall split, from 3 to 4 inches thick, dips 43° west. The two splits join at the floor of the tunnel, where the combined width is about 2 feet.

On the Red Top No. 2 claim, a vein, which apparently is the extension of the one on the No. 1 claim above described, is exposed in a bedrock cut 6 feet wide and 10 feet long that has a depth of 9 feet at the face. This cut is situated about 40 feet south of the portal of the tunnel on Red Top No. 1 claim and at an elevation of 475 feet above sea level. At the face of the cut the vein is composed mostly of banded, crushed and pyritised milky quartz. It there consists of a footwall split, 18 inches in thickness and a hanging wall split 3 inches thick, separated from the hangingwall bedrock by a gouge streak one inch thick. The two splits are separated by a horse of sheared blocky, jointed diorite 2-1/2 feet in thickness that is interlaced with quartz stringers on the hangingwall split.

The vein can be followed from this cut along the west side of small stream for a distance of about 550 feet to a point where the two splits appear to be together.

At the time of visit the property was equipped with a 15 H.P. donkey steam-boiler and a Curtis compound compressor by which two drills were operated.