

227-92

BC-227 92

LIBRARY
COLORADO SCHOOL OF MINES
GOLDEN, COLORADO

Quatsino King Mine
Quatsino Sound, B.C.

A R E P O R T
O N T H E
QUATSINO KING MINE, TEETA RIVER, QUATSINO SOUND,
VANCOUVER ISLAND, B. C.

JUNE 1904.

Geo. J. Bancroft, of
DENVER.

GENERAL REMARKS.

This property belongs to Chris Nordstrom and G. Sorenson, partners, of Quatsino Settlement, Quatsino Sound. It is an irregular deposit of quartz along a contact, carrying gold as its chief value.

For general conditions of operation see report on June Group in same locality.

CLAIMS.

There are three claims amply covering the entire outcrop which has no appreciable dip. Their names are QUATSINO KING, HILLSIDE and PEREMOUNT. They are unpatented but there are no known conflicts.

LOCATION.

The claims are on the South West side of the South East arm of Quatsino Sound near the mouth of the Teeta River, on the same side as the Yreka Wharf and Mine and about three miles distant.

The main tunnel is about 4000 ft. from the beach and 1100 ft. above it.

The vein trends Northerly and Southerly, directly up the hill, which has an average superficial slope of probably 35 degrees from the Hor. Hence tunneling is the rational way to work it.

There is plenty of water in the Teeta river for milling purposes but not enough for much power. Timber for fuel or lumber is as abundant as in most of this country on Quatsino Sound.

THE DEPOSIT.

The vein is quartz impregnated porphyry in an erratic manner but following in a general way a contact between eruptive conglomerate and coarse grained porphyry. There are evidences of dikes of closer grained rock in the vicinity of the vein also. The country rock and the vein are both comparatively soft and mining costs should be low.

The following is a list of the assays, beginning on the outcrop 300 ft. (on surface) below the tunnels and extending 500 ft. above.

300 ft. below tunnel 5 ft. Por. & quartz very soft	-trace
300 ft. below tunnels, croppings 3 ft.	\$6.40
120 ft. below tunnels, open cut 1 ft.	3.00
120 ft. " " " " porphyry	trace
Mouth of tunnel 3 ft streak	\$8.80
6" streak near breast old tunnel	14.75
Breast of old tunnel	trace
4ft. vein new tunnel	\$5.36
1" streak Breat New tunnel	\$122.84
Cut just above old tunnel 30ft quartz	2.20
Next cut above 7 ft vein	trace
300 ft. above tunnels 8 ft quartz	"
300 ft " " 3 ft other side creek	"
500 ft " " croppings	"

Better looking pieces of croppings and float picked up from
tunnels to highest point, mixed \$10.80

From these results and the foregoing description
it will be seen that not only is the quartz most erratic
in occurrence but that the country rock seamed with small
quartz fissures is uniformly barren and the quartz itself
carries values in a very erratic manner. All the quartz
that assayed at all also showed copper values and as most
of the copper has leached away from the surface, it is
the gold has leached also.

possible ~~that the quartz is a secondary product of the same~~
The two tunnels are at practically the same
elevation and neither one is more than 100 ft. long so
little depth has yet been gained. The new tunnel, however
shows unoxidized rock and it also shows a 1" streak of very
high grade ore. My averaged sample of the breast of this
tunnel has been lost but Mr. John Long, of Spokane, sampled
it and got \$15.00.

My terms call for \$40,000. at the end of 12
months development work, and I am not sure that it should
be passed by. It certainly is most favorably situated for
mining purposes.

The deposit is so very erratic as regards ore
bodies and values however that it does not strike me as
extremely attractive, and unless other interests called
for operations in the neighborhood it would probably be
better to drop it.