

Starr.

Property File

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REPORT
OF BRIEF
EXAMINATION
OF THE
VICTORIA GROUP
(Formerly called the Dago Group)
HEDLEY, B. C.

*See also "Milton Group"
for notes etc.*

To
Mr. Harold J. Bailey, et Al.
543 Granville St.
Vancouver, B. C.

By
Charles C. Starr,
June 24, 1936.

INTRODUCTION:

A brief examination was made of the two tunnels, accompanied by Mr. T. C. McAlpine who also furnished the sketch of the claims. The accompanying sketch of the tunnel workings is based on a rough compass survey and must not be taken as entirely accurate. Neither the legal status of the claims, nor the position of the tunnels on them were checked.

LOCATION & ACCESSIBILITY:

The property is situated across Sixteen Mile Creek in the Hedley district, Osage Mining Division, B. C. about two and a half miles by trail from the Hedley-Keromeos highway. This trail from the highway to the tunnels rises about 2000 feet; the upper end of it will require considerable repairs, or rebuilding, before pack animals can be taken over it. The principal workings are on the south side of the creek at an elevation of about 3800 feet. The group is about four miles in an airline southeast of the Nickle Plate mine.

PROPERTY:

There are seven claims in the group, as follows: Victoria Lot 2464, Victoria No. 1, Victoria No. 2, Two Brothers Nos. 1, 2, 3, and 4. Except the Victoria which is Crown Granted, the claims are held by location. The Two Brothers Lot 2463 is a Crown Granted claim which is owned by other parties.

TIMBER & WATER:

There is ample timber of good quality for mining use. Sixteen-mile Creek crosses the property 750 feet (vertically) below the lower tunnel and has ample water for milling, and probably for power for preliminary development. There is no water in the immediate vicinity of the tunnels.

TOPOGRAPHY:

The vein outcrop and the tunnels are situated on a steeply sloping hillside (30 degrees, and upwards) and there is good opportunity for development by adit tunnels for a depth of 700 feet below the present lower tunnel.

EQUIPMENT: There is no equipment or buildings whatever.

GEOLOGY:

The property lies outside of the area covered by the detail maps of the Geological Survey, but there is no doubt that the Cache Creek Series of sedimentary rocks, including some volcanic flows and tuffs, extend to this area from the central part of the Hedley district. In the absence of detailed study it is not certain which formation of the Cache Creek series occurs on the Victoria property, but it is probable that it is the Redtop formation, which underlies the Nickle Plate formation.

The vein walls at the tunnels are very fine grained

dark rocks, mostly silicious argillites, with some beds of igneous rock. No diorite or other intrusive rocks were noted. Several small faults occur between the tunnels, and probably elsewhere.

DEVELOPMENT:

Development consists of two tunnels, the upper at 3875 feet elevation is 85 feet long, and the lower at 3700 feet elevation is 195 feet long. (See sketch map)

These tunnels are located close to the dividing line between the Victoria and Two Brothers claims and a survey will be necessary to determine whether the tunnels are entirely on the Victoria claim, or partially off the property. It seems probable that a part of the vein is on ground not owned by the Syndicate.

THE VEIN:

The vein is a quartz filled fissure-vein striking N 55° W into the hill, dipping 75° southwest, and crosscutting the rocks. It will average about two feet in width, though somewhat narrower in the outer part of the lower tunnel.

There is generally a good gouge seam on both walls and on the whole the vein appears quite strong. Arsenopyrite and a little pyrite in a quartz gangue were the only minerals noted.

In the Upper tunnel the vein is quite uniform throughout and the face is in ore. Just at the portal of the tunnel the vein is cut by a fault striking N 65° E and dipping 80° southeast; the throw is evidently but a few feet, probably to the left.

In the Lower tunnel the vein is narrow for a short distance in from the portal, and then for some feet the vein leaves the drift entirely, but is picked up again at a distance of 100 feet from the portal. From there to the 140 foot point the vein was followed and shows a width of one, to one and a half feet with fair mineralization. From 140 to 155 feet the tunnel is in a faulted zone showing irregular bunches of quartz. From the 155 foot point to the face at 195 feet the vein is strong, two feet or more in width, and well mineralized.

SAMPLES: One sample, only, was taken during this examination. It is from the face of the upper tunnel over a width of 2.2 feet of quartz with arsenopyrite, and omits the three inch gouge on the footwall which is said to be highgrade; it assayed Gold 0.36 Oz., Silver 3.61 Oz, Value \$13.90.

Other sample results given me by Mr. McAlpine, which I presume to be correct but cannot definitely vouch for, are as follows:-

	Oz. Gold	Oz. Silver	Value
Face of Upper tunnel	0.77	2.0	\$27.08
Gouge only, face of Upper tunnel	0.93	4.4	33.60
Channel sample, Upper tunnel	0.25	0.9	8.90
Face of Lower tunnel	0.28	2.0	10.42
Channel sample, lower tunnel	0.09	3.0	4.41

ORE DEVELOPED:

While there is undoubtedly a certain amount of semi-developed ore, there is not enough data at hand to make any definite estimate of the tonnage or value. The tunnels have not been adequately sampled and, so far as known, there has been no attempt to sample the surface above the tunnels; therefore any estimate that could be made would be of no real value.

CONCLUSION: So far as known to me, no vein of this type has produced ore commercially, nor has any been extensively developed in the Hedley district. However, this vein is strong, though small, shows encouraging values, and is well worth further development.

Both tunnels should be extended along the vein into the hill, and the vein should be traced and sampled as far as possible down the hill below the lower tunnel, by means of cross-trenching and open-cuts before a lower level tunnel is started. It is necessary first, however, to be assured that the vein is wholly on the Victoria group, or else to acquire the Two Brothers claim. If any considerable part of the vein should prove to be on the Two Brothers and it cannot be optioned at a low price it would be inadvisable to initiate any work in its vicinity.

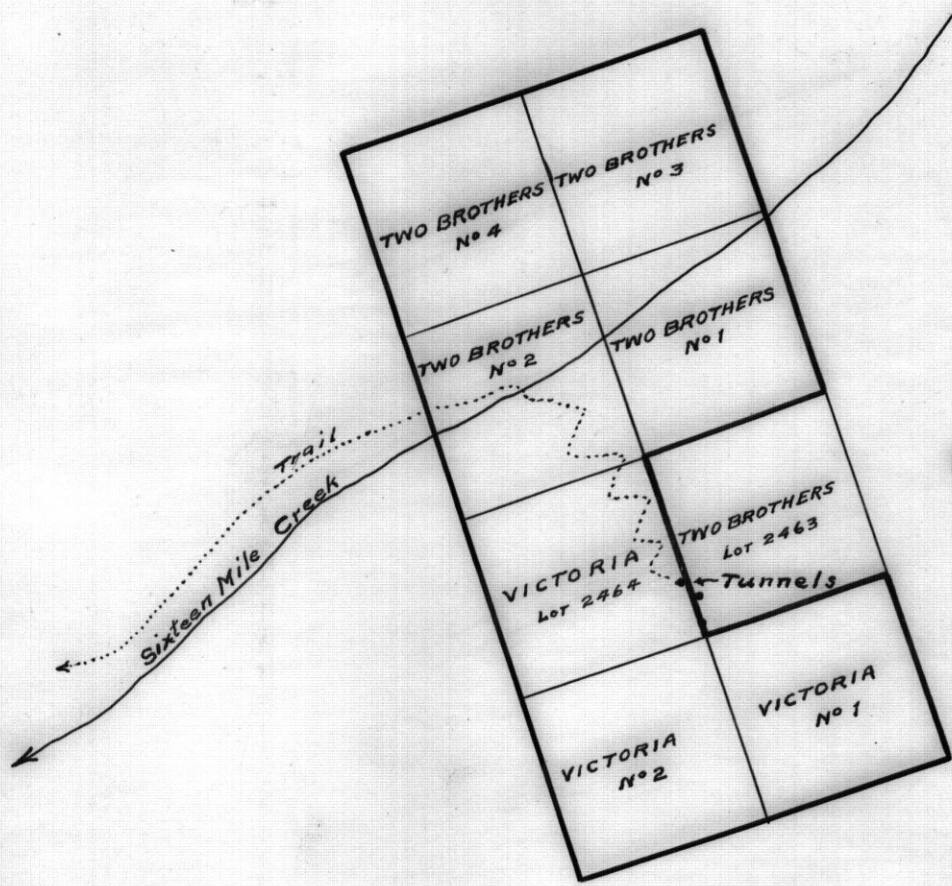
Subject to this reservation, it is my opinion from the data at hand that the property has a sufficiently good chance of developing into a small but profitable mine to fully justify further development. I would however advise that expenditures be kept as low as possible until a considerable further amount of ore is proven.

Respectfully submitted,

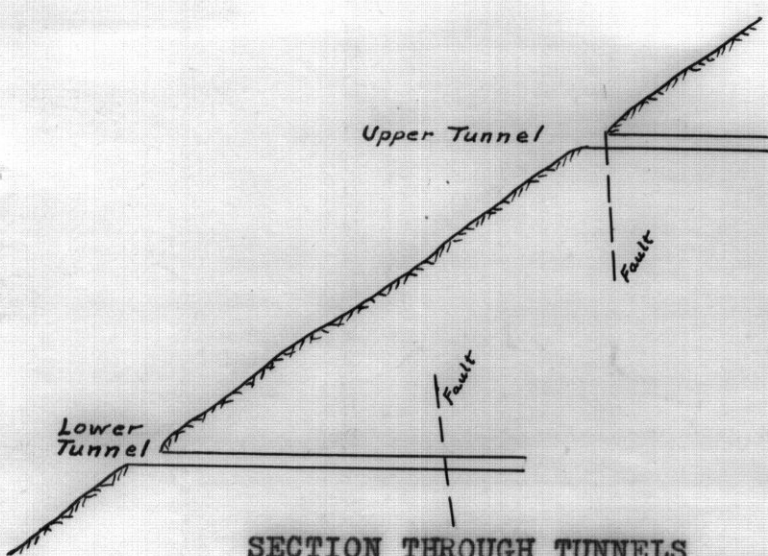
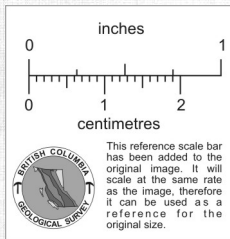
Chas. C. Starr

P. O. Box 514,
Vancouver, B. C.
June 24, 1936.

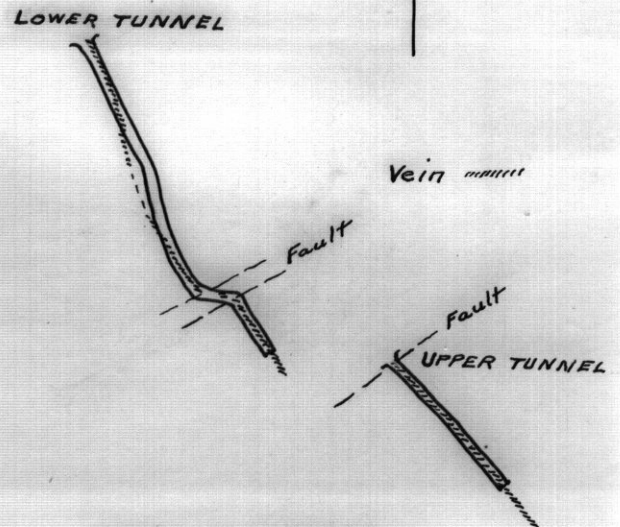




SKETCH SHOWING
MINING CLAIMS
Scale: 1" = 1000'.



SECTION THROUGH TUNNELS



PLAN OF TUNNELS

Scale: 1" = 100'.

VICTORIA GROUP OF MINING CLAIMS
Hedley, B. C.

(Formerly called Dago Group)

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