

W.A. No.

NAME

BOWEN ISLAND

SUBJECT

REPORTS

PROPERTY FILE

008274

9295 v 1006-07

MEMORANDUM REPORT ON THE BOWEN ISLAND COPPER COMPANY'S
PROPERTY, BOWEN ISLAND, BRITISH COLUMBIA.

I examined this property on the 28th Nov. 1907. It is situated on the west side of Bowen Island and the strongest outcropping of copper bearing ore is on the beach below high tide mark. At this point the outcropping is about 7 feet wide and occurs as a vein between greenstone walls. The ore body has been traced from this point on the beach in a south easterly direction for a distance of about 500 feet. On the surface though the outcroppings are not continuous or at least not have been opened up by stripping so that the measurement given is that between the occurrence on the beach and the furthest point to the south east that any outcrop has been located.

All the work has been concentrated on the "Islander" Mineral Claim and consists of one shaft sunk from a point just above high tide mark to a depth of about 60 feet which includes 10 feet of sump, another shaft sunk at a point 80 feet south easterly from the first named to a depth of 175 feet which includes 15 feet of sump, a drift run from the 50 foot level of the first named shaft has been driven on the ore a distance of 117 feet, or 37 feet along the strike to the south east beyond the second named shaft.

The second named shaft which is really the main working shaft was started on the foot wall side of the ore body and sunk through the ore about 30 feet below the collar of the shaft. At a depth of 90 feet a station was cut and cross cuts run both towards the north east and south west. To the north east 30 feet of cross cutting was done in barren rock (This cross cut was run through a mistake). The cross cut to the south west was run 14 feet from the shaft at which point the ore body was exposed and cross cut. It is on this level where the drift has been run on the ore between the two shafts and for a distance of 37 feet to the south east beyond the main working shaft.

The main working shaft was then sunk to a depth of about 85 feet below the 90 foot level. At the 160 foot level or 70 feet below the upper level a cross cut has been driven towards the south west and the

ore exposed at a distance of 41 feet from the shaft. This ore was exposed on the day that I made my examination and the Management now propose to cross out through the body and drift both ways on it.

Although the outcropping on the beach shows the ore body to be about 7 feet in width yet the drift between the two shafts shows 4 feet of ore maximum width and narrowing down towards the south east so that in places it is hardly a foot wide, and in the south east face of the drift the body shows to be broken up into 3 or 4 narrow strings.

From this level a limited tonnage of ore has been stoked and was shipped to the Tye Copper Company for treatment (see Smelter Statement).

This stope was about 30 feet long from the old shaft and has been carried up about as high as is safe towards the surface. From the main working shaft towards the north west on this level for a distance of about 50 feet no stoping has been done, in fact that portion of the ore body is so narrow that it is doubtful if it will pay to stope it from this level.

I took an average sample from the ore body where it is broken into on the 160 foot level, which sample represents about a foot in width of ore, and apparently the hanging wall has been exposed but until another round of shots has been made it is hardly safe to say for certain that this is the full width of the ore body at this point.

The sample has been sent to the Tye Copper Company's Smelter and a certificate will be furnished in due time showing the assay value.

This same Company owned two claims situated about three miles southerly from the group referred to in this report. These are situated on the same Island and the Manager informs me that he has exposed a body of copper sulphide ore in an adit at an elevation of about 400 feet above sea level and at a distance of about 1200 feet from the water front.

As he informed me that only very little work had been done and it was too stormy to go there in a small boat with safety I did not make any examination of these claims.

Respectfully submitted

J. M. Brewer