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Property File

092F 372

November 29, 1939.

The Board of Directors,  
Cariboo Consolidated Mining Co. Ltd.  
Vancouver, B. C.

Re: PRIDE OF THE WEST Prospect,  
Toquart Harbour, B. C.

Gentlemen:-

The following notes cover the work at the Pride of the West property from the time of my last visit, Aug. 4th 1939, to November 24th.

**DEVELOPMENT:** The tunnel has been advanced 15 feet to a total length of 230 feet. A side-swipe has also been taken off the south side of the drift at 215 feet, exposing about three feet additional width of vein.

A winze was started at 115 feet from the portal of the tunnel and sunk to a total depth of 41 feet. There was also a little work done on the tunnel level in order to provide room at the collar of the winze.

**The VEIN:** The WINZE was started on the showing of telluride-bearing quartz in the tunnel, and followed the vein down. At the time of my visit no work had been done in the winze for several days and it was about half full of water, therefore I did not see the bottom half; the total depth as given above is Mr. Bradley's measurement.

Immediately below the tunnel level the strand of solid quartz on the footwall, which contains the telluride, begins to narrow, and the remainder of the width of the vein becomes less thoroughly silicified with depth. At about 20 feet depth the quartz pinches out, and the vein is a crushed mass of more or less silicified and decomposed rock. This condition, according to Mr. Bradley, continues to the bottom of the winze, where the vein shows no quartz and only weakly silicified rock with very little pyrite. Both foot and hanging walls are smooth and strong to the bottom of the winze, and about 4 feet apart.

Mr. Bradley stopped work on the winze on account of the barren appearance of the vein, and an increasing amount of water coming into the winze (mostly from above).

Mr. Bradley reports finding several pieces of quartz showing telluride in the first few feet of the winze, but no evidence of ore below 10 feet depth.

The following samples have been taken in the winze:-

	Inches Wide	Oz. Gold						
#543	12	0.07	At 6 ft.	below	Level.	Best quartz	on east end.	
Aug. 28	7	0.22	" 8 "	" "	" "	Center of winze	on F-W.	
Sept. 6	38	0.04	" 9 "	" "	" "	On east end of winze		
"	6 14	0.03	" 12 "	" "	" "	Center of winze,	on F-W.	
"	6 16	0.04	" 12 "	" "	" "	East end,	on F-W.	
"	6	0.05	Grab of best quartz					on dump.

There was also a picked sample of quartz with telluride from ore exposed about 8 feet above the level in making room for sinking; this assayed 1.36 Oz. gold and 6.56 Oz. silver.

All the above samples were taken by Bradley, except #543 which is by Starr.

At the time of my August visit the face of the tunnel was in the cross-dike and no vein showed, although the hanging-wall slip of the vein continued through the dike as a strong gouge seam. This was followed across the dike, where the vein was again picked up, showing quartz, silicified rock, and scanty pyrite. This material was not ore, so the tunnel was stopped and the winze started.

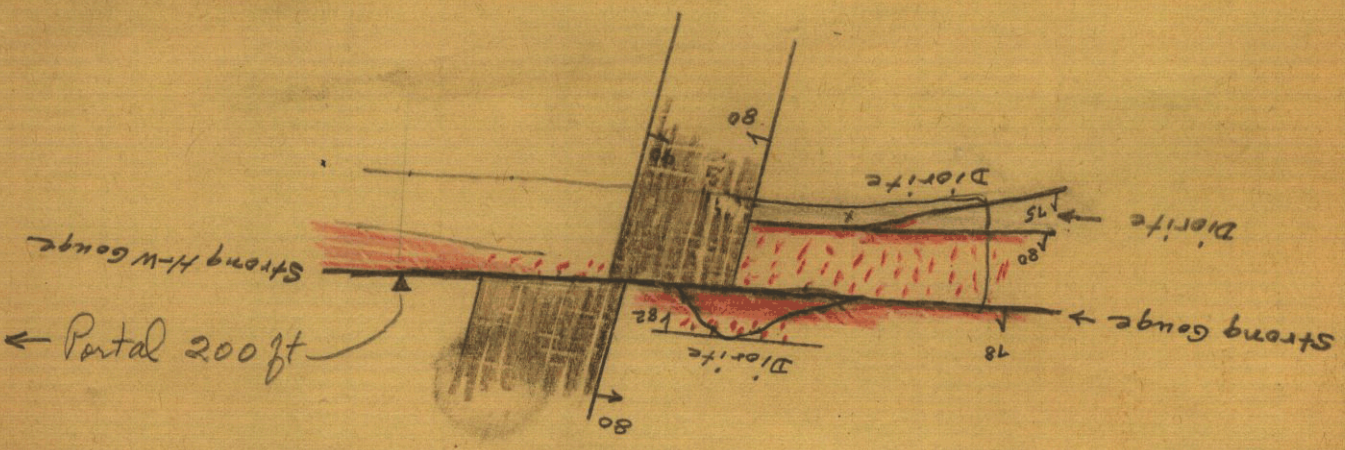
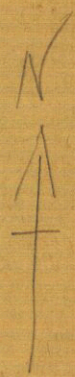
Later, Mr. Bradley noted that there were traces of quartz south of the hanging-wall gouge which, west of the dike, is the limit of the vein. A few holes slabbed some of this off exposing from 10 to 20 inches of quartz with strong pyrite, followed by 12 to 18 inches of silicified rock with weak pyrite, then a few inches of crushed rock and gouge to a diorite wall.

A small lense of quartz was also noted in the back of the drift against the footwall, extending from the dike for about four feet east and having a maximum width of about four inches. This lense contains small seams and grains of telluride and occasional specks of free gold.

The sketch on a separate sheet herewith shows conditions here.

A section across the vein east of the dike at 220 feet from the portal is as follows:-  
 Diorite foot-wall \*  $\frac{1}{2}$  inch gouge \* 1 to 4 inches quartz with tellurides and free gold \* 26 inches quartz and silicified rock with scanty pyrite \* 4 inches mud gouge \* 15 inches solid quartz with strong bands and spots of pyrite \* 12 inches of silicified rock with scanty pyrite \* 12 inches crushed rock and gouge \* diorite hanging-wall.

39 — \$ 3.15 .090  
 40 — .1907  
 41 — ~~1.48~~  
 42 — .01  
 43 — .07



Solid Red Qtz  
 Dot Red Silicif vein matter  
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1" = 10'

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36

Pride of the West  
 Nov 24, 1939.

I took the following samples from the drift:-

No.	Feet Width	Oz. Au.	Ft. from Portal	
541/1	to.3	1.40	221-225	Large sample from lense on footwall.
542	1.7	0.01	216	quartz with strong pyrite on N-W Side of main gouge, near floor.
540	0.7	0.19	222	quartz with pyrite, full width not exposed. Near floor on N-W side of main gouge.
539	0.6	0.09	224	quartz with pyrite near roof and full width not exposed. On N-W side of Main gouge.

Sample #542 assays surprisingly low, since it appears entirely similar to Nos. 539 and 540 over most of its width. The assay of the highgrade lense is disappointingly low, since both tellurides and free gold were found in it.

The showing near the face of the tunnel is wider, stronger, and more heavily mineralized than any previous exposures; while, as usual, the assays of the pyritic ore are low, they are slightly better than heretofore.

Highgrade has now been found at three points, at 75, 115, and 225 feet from the portal, but thus far has been very spotty and limited in extent. There are undoubtedly many more of these highgrade spots in the vein, but much larger and more consistent ones must be found in order to produce commercial ore. There would seem to be a fighting chance of finding such commercial concentrations of values, perhaps better chances at further depth.

The failure of the winze to show ore is discouraging but does not necessarily mean that the ore does not go down. There are barren spots in all veins, and there is some suggestion that here the ore may rake strongly to the east in going down.

The showing near the face of the tunnel encourages further drifting to the east, and I have instructed Mr. Bradley to drive eastward at the face, swinging to the right into the best part of the vein.

Work in the tunnel will be continued up to Dec. 15th, when work will cease for the holidays. All supplies, including food, are on hand for this period. A decision should then be made as to the advisability of exploring the vein further.

Everything seems to be running smoothly, and a good amount of work has been accomplished, considering conditions and the small crew.

Yours very truly,

*Chas. C. Starr*