

Grand Forks, continues to ship ore of a sufficiently high grade to leave a good margin of profit above freight and treatment charges of approximately \$30 a ton. The ore occurs in what is described as a vein of dark blue silica containing small quantities of iron pyrites. In an open cut the vein is about 8 ft. in width. While consisting largely of silica it does not appear to be a true quartz vein, but is rather a complete replacement of limestone, probably along a fissured zone. The vein matter is about three-quarters quartz, the remainder being calcite and iron pyrites, with a little hematite and garnet. The gold value is probably associated with the iron pyrites, while the silver seems to occur as silver sulphide, and possibly in part as ruby silver. The ore is deceptive in appearance, as it shows very little mineralization and would hardly be taken at first glance as high-grade ore. The ore as shipped to the smelter in carload lots assays about \$60 a ton. The district was visited late last autumn by Mr. J. D. Galloway, assistant provincial mineralogist, whose report on it has been published, and now another engineer is reporting on the camp for the Department of Mines.

years of age, was born at Woodstock, Ontario. He went to Phoenix from Michigan. Tatham's native place was Magog, Province of Quebec. He was 61 years of age and had been 14 years with the Granby Co.

COAST.

Vancouver Mining Division.

The Britannia Mining and Smelting Co. has well on for 100 men at work prospecting and developing mineral claims in the mountainous country surrounding its Britannia group of mines. Two properties in particular are being developed under option of purchase, namely, the Red Mountain group, at the head of Stawamus river, which flows into Howe Sound at its head near Squamish, the present tidewater terminal of the Pacific Great Eastern Railway, now in course of construction northward through Lillooet and Cariboo districts to Fort George, and the Bank of Vancouver group, near the head of Seymour creek which flows in the opposite direction and enters Burrard inlet across the water from the City of Vancouver. On the latter group there are known to occur two parallel



Granby Smelter, Granby Bay, B.C.

Phoenix.

Three men were killed by a fall of rock at the Granby Consolidated Co.'s Knob Hill mine, near Phoenix, on July 5. They were J. F. McDougall and Wm. Tatham, shift bosses, and Frank Riordan, motorman. According to evidence adduced at an inquest held by the district coroner, the fatality occurred in No. 2 adit of the mine, near where the cars enter and leave the big "gloryhole," in which an electrically operated Bucyrus shovel had recently been installed. A mass of rock, estimated at more than 1,000 tons, came down without warning, burying the three men and the electric motor, of which Riordan was in charge. The accident happened shortly after nine o'clock in the morning. When it was found that three of the morning shift were missing, as many men as could work with expedition and the big shovel were employed removing the fallen rock, but it was not until late at night of the following day, after about 37 hours' work, that the last of the bodies was recovered. A verdict of "unavoidable accident" was returned. McDougall's body was sent East, for burial near his old home on Prince Edward Island, while the bodies of Riordan and Tatham were buried near Phoenix. Riordan, who was about 38

veins, between 200 and 300 ft. apart, traced for a distance of fully 1,000 ft. One of these has been cross-cut 25 ft. without reaching the other wall; it is a massive body of copper ore, running about 4 per cent. copper with some gold. A crosscut adit is being driven to cut this ore body at approximately 300 ft. lower down the mountain. This adit was in 250 ft. at the end of June, and was believed to be nearing the ore-body, it is about 6 ft. wide by 7 ft. high, and is intended to be used as a working tunnel until much more development shall have been done. The showing of ore on the Red Mountain group is not so large, but this is also a promising property. The ore runs 4 to 5 per cent. copper and \$3 to \$4 a ton in gold. This has also been opened by adits, but there is also quite a big bluff in which there is a fairly good showing of ore.

Texada Island.

The Provincial Department of Mines has published a report by Mr. Donald G. Forbes on a number of mining properties in the lower Coast district. One of these is the Marble Bay mine, owned by the Tacoma Steel Co., of Tacoma, Washington, and situated near Van Anda on the east side of Texada island about five