

properties ceased when they were apparently doing so well, for the Dorothea Morton was turning out gold bricks regularly each month to the tune of about \$10,000. I have never heard a satisfactory answer to this question and doubt if any but those immediately interested in the syndicate can, but it has been reported that the ore was becoming no longer susceptible to economical treatment by cyanide, there being too large a percentage of copper. Another claim on this lead, or I should perhaps say, supposed to be, on which quite a large amount was done, is the property owned by the Cuba Silver Mining Co., and situated at the north east of the Dorothea Morton, but it is understood that the ore here is not sufficiently rich to pay smelting charges, and carries too high a percentage of copper to be economically treated by cyanide.

Two.—The Blue Bells lead. This lead extends from the shore on the west side of Frederick's Arm, across the peninsular to Phillips' Arm, from thence across Phillips' Arm to Hewett's Point and from here it can be traced on over three claims, the entire length being about three and a-half or four miles, and in width varying from two to 100 feet. The vein filling is a glassy white quartz impregnated with pyrrhotite, and small amounts of copper-pyrites, zinc blende and galena. Very high values have been obtained from the Blue Bells mine, the principal property on the lead, which is situated just above the west shore of Frederick's Arm. A large amount of ore has been mined from this property, but so far none has been shipped, the owners confining their attention to development work. Two tunnels have been driven to cross-cut the lead, one at about 75 feet from the surface, in which two winzes were sunk, 15 and 30 feet respectively; the other to tap the lead at a depth of about 150 feet, in which an upraise was run to connect the two tunnels. This lower tunnel is about 200 feet long. Besides this there are several open cuts, and surface strippings exposing the lead on the surface for hundreds of feet. There are several other claims on this lead on which more or less work has been done, and on some merely the annual assessment work, but in nearly every instance where work has been intelligently prosecuted satisfactory returns have been had.

Three.—The Douglas Pine lead. This lead extends merely across Thurlow Island, or to be more accurate, from Nodales Channel on the east side of Thurlow Island, and runs diagonally across the island to Shoal Bay, a distance on the horizontal of about two and a-half miles. The vein filling is quartz impregnated with pyrrhotite and small amounts of copper pyrites, occasionally. The ore is massive unmined with any gangue. The gold values in this lead are very high, especially on the Douglas Pine and Morning Star claims. The property on this lead on which most work has been done is the Douglas Pine, situated on the hills overlooking Shoal Bay. A shaft 125 feet has been sunk with several drifts extending from the same, and another about 50 feet, besides a considerable amount of "gophering." Seventy-five tons of high-grade ore have been shipped to the smelter across the line, and to Van Anda. Several other claims on this lead have been worked, giving good values in gold and silver, but so far no ore has been shipped from these.

There are several other properties in this district that merit attention. The principal of these is the Colossus, owned and being worked by the B. C. Ex-

ploration Syndicate, better known as Cobledick's, which is situated on the Mainland in Estero Basin. This property was acquired by the present owners in 1898, but work had been already commenced the previous year. It is a copper property of great promise, and from present indications bids fair to become the copper mine of British Columbia. The management have been endeavouring for the past two or three years to locate the lead in the lower levels, and lately have been successful in doing so, exposing a splendid lead of almost solid chalcopyrite. Two tunnels have been driven, the upper over 100 feet long, with cross-cuts aggregating about 185 feet, and a 40 foot upraise. In this tunnel was encountered a lead 24 feet wide of quartz heavily impregnated with copper pyrites, and carrying fair gold values; it is about 100 feet from the surface. The lower tunnel, 100 feet lower, is also over 100 feet long, and about half way in the lead of almost solid chalcopyrite above referred to was encountered. It is understood that it is the intention of the syndicate to install a compressor plant at an early date to further hasten the development of this promising property.

Then there is the Ajax mineral claim, situated on the west shore of Valdez Island, in Deep Water Bay, Discovery Passage, a high grade copper property. Several tons of high-grade copper ore (chalcocite) have been taken out running 40 per cent. in copper, and \$12 in gold. A tunnel 65 feet has been driven in on the lead, besides a large open cut. It is strange that with the present demand for copper, that a property like this should be lying idle, for the owners have done nothing, except annual assessment work on it, for some time now. But the time will come when this claim will be amongst the big copper producers of British Columbia.

Just across Discovery Passage from the Ajax is another copper (bornite) property on which a great deal of work has been done by the owners, and which is showing up well, the Summit mineral claim. The owners deserve great credit for the steady and intelligent way in which they have gone about to develop this property, having worked continuously for the last two years. Two tunnels have so far been driven, the upper 45 feet in length, and the lower an 8x8 about 75 feet, in which two winzes have been sunk each 30 feet, and so satisfactory are the results of their work that they are about to drive another tunnel to tap the lead 100 feet lower.

#### KAMLOOPS.

(From Our Own Correspondent.)

A strong movement in Kamloops mining business appears to have set in. Last month I informed you of the consummation of two important mining deals and the successful organization of a local syndicate to develop the Tenderfoot mine. Of other deals which were under consideration one has materialized this month. The Iron Mask mine, from which nearly

100 tons of ore was shipped some time ago, has been bonded by the B. C. Exploring Syndicate of London, Eng., the purchase price being \$40,000. The first payment was made on April 21st, the next being due in two months. This syndicate has now secured an extensive and promising area of mineral lands on Coal Hill and operations on a considerable scale will shortly be inaugurated.