

quent considerable reduction in freight and treatment rates admitted of ore sorting at the mine being discontinued, with the result that the value of the ore shipped in 1902 was lower—averaging 1.75 oz. silver per ton and 4.1 per cent copper.

Mr. S. F. Parrish, M.E., late general manager for the Le Roi Mining Co., Rossland, B.C., and now of Los Angeles, California, U.S.A., who was manager of the B. C. mine for several years, thus described the ore: "The ore itself is chalcopryite, pyrrhotite, and some pyrite, with a small quantity of gold and silver. On the edges of the main ore body bunches of specular iron and zinc blende occasionally occur, but never in

ore to result from systematic and extensive prospecting, especially as good showings of ore have been found on neighbouring claims.

The B. C. mine is equipped with a power plant sufficient to break and hoist 200 tons of ore a day through the present working shaft. This plant includes four steam boilers, together about 225 h.p.; a Rand straight-line 4-drill air compressor and half of an Ingersoll-Sergeant compressor, rated at 10 drills; one large and two small hoisting engines, two Cameron sinking pumps, etc. An electric light engine and dynamo have also been installed. The mine buildings are substantial and comfortable, and up to 115 men



Surface Works at B. C. Mine, Boundary District—Showing Covered Tramway to Shipping Ore Bins.

the ore mass. The specific gravity of the ore is 3.65 to 4.00. Garnet rock is the mineral most intimately associated with the ore, occurring round the edges of the ore body and occasionally in masses in the midst of it. A noticeable feature is the entire absence of oxidation of the ore body, at the outcrop or elsewhere."

Practically all the important development work done on the group is on the B. C. The deepest shaft is down about 400 ft. Of the 7,000 lin. ft. of work about 1,500 ft. consists of sinking and raising and 5,500 ft. of drifting and cross-cutting. The group comprises eleven adjoining mineral claims, with but little of the total area of 268 acres thoroughly prospected, so that it is quite reasonable to look for new discoveries of

have been employed on the property at one time. A spur to the mine from the Canadian Pacific Railway Co's Eholt-Phoenix branch of the Columbia and Western railway provides transportation facilities.

The American Institute of Mining Engineers will meet in London, England, in July in joint session with the Iron and Steel Institute of England.

A discovery of anthracite coal was recently announced by the minister of mines for Ontario. The report is that extensive beds of anthracite exist on the Hudson Bay slope in the neighbourhood of Albany River, which forms the dividing line between Ontario and the Northwest Territories.