

arrangements are being made for the separation of the zinc. This will remove the penalty and make the zinc an asset. The zinc content is about 17 per cent. On a complete recovery this would make its value \$16 to the ton on a basis of five cents a pound for the metal.

Development is being pushed on three levels. The deep tunnel is being advanced at the rate of 280 feet a month with two shifts, using a machine drill, and the other two at the rate of 120 feet a month with hand steel. The company breaks 620 feet of ground a month.

The advance of development at a threefold pace is to be made possible by the installation of a 125-horsepower semi-Diesel engine of Fairbanks-Morse type, which is in transit. The engine will make possible the continuous operation of a six-drill compressor. The plant is at present driven by water, and its operation is limited to six months of the year. Hand drilling is resorted to in the period of low pressure.

Tom Wall, of La France Creek, has bonded one of his properties there to a Spokane syndicate. Another of Mr. Wall's La France Creek properties, known as the Celebration group, has been examined by a Butte engineer in the interests of capitalists from that city.

Greenwood smelter of the Canada Copper Corporation resumed operations with one furnace two weeks ago, and will blow in a second furnace as soon as sufficient coke is arriving.

The company is smelting ore from the Mother Lode mine at Greenwood and the Lone Star mine, just across the boundary in the State of Washington. Lone Star ore is trammed to Boundary Falls, B. C., and taken thence by train to Greenwood.

The Florence Silver Mining Company, operating at Ainsworth, earned \$20,000 net in July. Shipments for the month aggregated 320 tons valued at \$30,000, with operating expenses of \$10,000. Considerable additional ore taken out and shipped in July will be credited to the August record.

The Burton copper mine, which has lately come to the front as a shipper and taken over by a Calgary syndicate headed by J. L. Parker, mining engineer of that city, is to continue shipping, and a contract has been let to William Woods, of Elko, for hauling the ore.

D. A. MacKenzie and Walter Newton, of Sandon, have acquired a lease from the Ferguson Mines, Ltd., of the Silver Cup mine, near Ferguson, and have a small crew at work on the property.

According to reports, one foot of ore in No. 8 level west of the Slocan Star has widened out to 6 feet of galena and siderite. This is in virgin ground with 700 feet of backs above it and 200 feet below it, and the lowest level of the mine. R. H. Stewart, formerly general manager of the Consolidated M. & S. Co., has recently been making a thorough examination of the Star.

A dividend of \$17,500 has been declared by the Rambler-Cariboo, at the rate of a cent a share. Payment will be made on September 1, and it will raise the disbursements of the company to \$242,500. The last verbal report, made several days ago, indicated that the resources in money and ore at the smelter were well in advance of dividend requirements. The movement of ore on a steady basis is expected now that the smelters are being supplied with coke.

J. M. Wolbert and associates, of Spokane, announce that they intend to push forward as rapidly as possible the

development of the Princess Patricia group of three claims on the east fork of Anderson Creek.

The workings are less than half a mile from the Great Northern Railway. There are two parallel veins on the property, and the development now being carried on by a tunnel which is drifting on one of these at a depth of several hundred feet from the original tunnel and already two feet of silver-lead-zinc ore has been struck, giving values of \$78.

The associates of Mr. Wolbert in the group and the bonders expect to make shipments in the near future. It is the intention of the owners to equip the property with a concentrator and other necessary machinery. T. Colton Smith is the superintendent.

The Trail News says:—

"On Monday last the second of the four copper furnaces at the Trail smelter was blown in, owing to an improvement in the supply of coke that is being received from the Crow's Nest ovens. The first furnace was placed in operation on August 1st, after the battery had been cold for many weeks, due to the strike of the coal miners. It is hoped that in short time the receipts of coke will have been increased so that the entire group of copper furnaces may be utilized.

"An immediate result of there being two copper-gold furnaces in blast here will be a proportionate increase in the shipment of copper-gold ores from Rossland—something that our good friends of the city in the hilltops will appreciate. This year Rossland shipments have been greatly curtailed because of coke troubles, in turn necessitating the laying off of many miners for weeks or months. It is hoped that condition is now definitely past, and that shortly maximum shipments of ore will be maintained."

Mr. Frederic Keffer, of Spokane, president and general manager of the Highland Valley Mining & Development Company, operating a copper mine in Ashcroft mining division of Yale district, states that last month his company shipped to the smelting works at Ladysmith 132 tons of copper concentrate that averaged about 24 per cent. copper and gave a net return of approximately \$14,000. Net returns from shipments made this year to other smelteries totalled \$41,860, this total including net proceeds from one car of 42 tons, which averaged 29.2 per cent. copper, and brought in \$6,226.32. The company's mill is concentrating about 60 tons of ore a day. Flotation has been successfully adopted as part of its concentration process.

The Standard Silver-Lead Mining Company, operating at Silverton, Slocan mining division, earned \$34,293 net in June, according to a report issued from the office in Spokane on August 13. This is compared with \$36,434 in May.

The receipts were \$77,636, as compared with \$83,606 in May. They include \$44,458 in preliminary settlement on 261 tons of ore and \$22,795 on zinc sales.

The disbursements were \$36,697, as compared with \$28,477. They include everything from ore production to workmen's compensation. The relative operating profit was \$40,939, as compared with \$43,202; and the actual operating profit \$34,685, as compared with \$36,809. The difference between relative and actual operating profit is the cost of development. For development, \$6,254, of which \$1,993 was for supplies and \$4,261 for labor.

The surplus was \$301,247 on June 30. The cash in bank was \$261,345. A credit of \$79,815 is taken for ore shipped but not settled for. The obligations were \$39,910 on payroll and vouchers.

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