

The Western Engineering & Construction Company, of San Francisco, is about to install, in the territory south of the Yukon District, a power transmission plant for the operation of a gold dredge which will be erected at Atlin, B.C., two miles distant from the power plant. This is a new development in the methods of mining in this region, which is a very important placer district, and much gold that would otherwise be lost will be saved by the use of electrically operated dredges. The work to be done here is similar to that carried on at Oroville, Cal., although the gold is coarser in the Atlin District.

We have received an interesting description of the improved Parker Rotary Mill from the manufacturers. This mill apparently differs in no respect from the stamp mill of the ordinary type except that by the introduction of an ingenious device, better results are obtained. This device succeeds, we are told, in securing the advantage of the "grinding, scouring process of the old arastra" and combining with it the "crushing, pulverizing methods of the modern stamp mill."

Messrs. F. W. Braun & Co., of Los Angeles, Cal., issue a new catalogue in which a very complete list of assaying appliances and assayers' supplies is given.

COMPANY NOTES AND CABLES.

NICKEL PLATE. (Camp Hedley.)—A thirty drill has been ordered for this mine, which it is reported has recently been acquired by the Yale Mining Company.

TYEE, Mt. Sicker.—Official returns issued by the Tyee Mining Company show that the result of twenty-five days' smelting of ore from the Tyee is \$52,336. In that time in March, 3,632 tons of ore were smelted, and 370 tons of matte were produced, the record for 28 days' smelting during the month of February being \$47,050. During the months of February and March, therefore, the Tyee produced an aggregate of \$99,386, or over \$1,875 for each smelting day.

VELVET, Rossland.—The following cable has been received at the London office of the Velvet Mines: "Have received the following returns from smelters: 450 tons second-class ore yielded 364 ozs. gold, 35,400 lbs. copper; net returns from smelters, \$7,877, or an average of £2 12s. 6d. per ton."

HIGHLAND, Ainsworth.—Nearly 500 tons of ore were shipped last month.

YMIR.—Cablegram from the company's representative at Ymir: "Level No. 5 west has been extended 25 feet. The ore in the drift has improved. Assays now average \$10 (£2 1s. 4d.) per ton of 2,000 lbs., width 8 feet."

LE ROI.—Cable from the manager: "Ore has been found 1,050 feet level west of the shaft, probably Mulligan shoot; gold assays average \$16 per ton of 2,000 lbs., copper \$2.80, small amount silver; extent at present unknown, but present appearances most encouraging." Cabled returns for March: "Shipped from the mine to Northport smelter during the past month 17,008 tons of ore, containing 5,417 ozs. gold, 10,511 ozs. silver and 480,300 lbs. copper. Cannot form any reliable estimate as to profits; cost per ton for treatment cannot be determined at present."

TRUE BLUE (Kaslo).—At a general meeting of the shareholders of the True Blue Mining Company it was decided to give an option of purchase on the property for \$75,000 cash. Last February the representative of the purchasers made an examination of the mine and expressed himself as thoroughly satisfied with the showings in the underground workings. He so reported to his principals in New York, who have now secured the option pending an examination to be made of the surface ground when the snow goes off. The holders of the option will examine the group in June, so as to prove the continuity of the vein. If satisfactory, as is expected, the purchase money will be paid at once.

MONITOR (Sandon).—The Monitor mine, Sandon, shipped 150 tons of high-grade ore last month, the largest amount sent out from the property for some time. Shipments are only being made from the stopes between levels 1 and 2 at the present time, and it is only a fraction of what could be mined

and shipped, when it is understood that the ore reserves from the third to the fifth levels have practically not been mined. The Monitor is one of the best managed properties from a paying and system point of view in the camp, and the present manager, M. Gintzberger, is keeping the development work far in excess of the actual shipments.

LE ROI.—Report for February: "The ore shipped during the month amounted to 15,824 dry tons, containing 4,006 ozs. of gold, 12,314 ozs. of silver, 525,970 lbs. copper; average value per ton, \$11.06. The cost of breaking and delivering the ore on the railroad cars was \$2.64 per ton, while the cost of development was equal to 54 cents per ton. The east drift, south cross-cut, which is being driven on the 500-foot level, is intended to cut the south vein on the east end of the property. Exploratory work was continued on the 1,350 level, but no discoveries of ore were made. At the end of the month the west drift had been run 593 feet from the main shaft, but the Josie dyke had not been met with. It is thought probable, as this drift has already passed through several small dykes of varying widths, that the Josie dyke may have changed the dip and form it bore on the upper levels, and become 'forked,' and that it has already been passed through. The diamond drill has not revealed the presence of any ore bodies of value.

"The expenditure for the month on mine account was \$57,017. Northport smelter.—The expenditure for the month was \$100,037. The public ores purchased during the month amounted to 2,453 dry tons, containing 2,240 ozs. gold, 4,721 ozs. silver, 178,294 lbs. copper. The tonnage treated during the month was 7,282, segregated as follows: Roasted ores, 4,994 tons; raw ore, Le Roi, 1,370 tons; raw ore, public, 918 tons. The strike which has taken place at the collieries of the Crow's Nest Coal Company compelled smelting operations to be suspended on 12th February—a circumstance which has already been reported by cable. The smelting costs for the twelve days during which the furnaces were in operation were equal to \$3.88 a ton. Although the smelter force was cut down to the lowest notch, the company was still under much expense, as, besides the management staff, men had to be retained to weigh and sample the ores received from the public, and to perform such work as was necessary to keep the plant in condition for starting up at any time. The February smelting costs, if reckoned on the basis of the entire expenses for the month, would amount to approximately \$5 per ton. As to February profits—As, practically, none of the February ore has been smelted, it will be impossible to make an estimate of the profit which may accrue from the month's operations."

LE ROI No. 2.—The following report of the Le Roi No. 2, Ltd., for the month ended 28th February, has been received from the manager at Rossland: "Output—From 27th January to 16th February 1,434 tons shipped, average value per ton less smelting charges, \$21.63. Value \$31,020, from which mining charges have to be deducted. In addition to the above the following ore was shipped and paid for in January: 427 tons, average value per ton, less smelting charges, \$16.35. Value \$6,980. Exploration and development—Josie mine (1) On 500-foot level west drift, 68 feet were driven in ore. No other development work done except with the diamond drill. Number One mine (1)—On the 200-foot level 33 feet were driven by the timbering gang, who filled in odd shifts in this way, the object being to catch the upper continuation of ore in stope (have since met with some ore). Stopping operations—Ore has been raised from the stopes in the following quantities:

Josie Mine—	Tons.	Totals.
No. 19 stope, 300-foot level	729	
No. 5 stope, 400-foot level	
No. 20 stope, 500-foot level	419	
No. 8 stope, 600-foot level	702	
No. 11 stope, 700-foot level	
	—	1,850
Number One Mine—		
No. 2 stope, 200-foot level	153	
No. 4 stope, 300-foot level	392	545
Total		2,395

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