

## ITOGON MINING COMPANY

The production for Itogon Mining Company during September showed a marked increase over the previous month. From 28,628 tons of ore, Itogon recovered a total of ₱395,464.12. The average per ton was higher than the previous month, averaging ₱13.81 per ton. The percentage of extraction was 86%.

The total development advance for the month was 3,953 feet. Of the 2,814 feet of capital advance, 616 feet were in ore; and of the 1,139 feet in operating advance, 570 feet were in ore.

The most significant feature of the development work was the cutting of a very promising structure 1,100 feet south of Taka vein in the 300 level 21 crosscut South. This crosscut was purely exploratory in nature and the opening up of a new vein so far south of the Taka structure may be of great importance to the future of the mine. The vein has been named the Itoe. Free gold has been found in the head-

ings. Drifts east and west of the crosscut along Itoe vein are in ore averaging ₱28.00 over a width of 4 feet.

### *Sesame*

Work on the 23 vein has given satisfactory results, with drifting on the 200, 300 and 400 levels being in good ore. In the Gilkison split raises from the 600, 700 and 875 levels were advanced through good ore.

In the mine stoping operations are returning to normal as the quantity of water underground has decreased considerably. Repair work in the Taka shaft has been completed. A locomotive and repair station has been established at the 500 level Taka shaft station, and a machine repair shop for servicing drill equipment has been opened at the 500 level Sesame shaft.

Operations at the mine and mill were satisfactory during the period under review.

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## MARSMAN EXPLORATION CO. TWIN RIVERS PROJECT

The production for September at Twin Rivers was ₱12,245.83 from the treatment of 11,162 tons of tailings sand with average per ton of ₱1.097. The percentage of extraction was ₱0.42.

Additional sand was recovered from the Benguet River, however, as inclement weather caused a coarser grade of sand to reach the storage bins.

The re-building of the Balatoc dam sand trap was completed the latter part

of September. The trap wall will act as a retaining wall and will be relieved of the hydrostatic pressure.

Two Denver duplex jigs were installed at the head of tray thickeners. From these the tailings run into the thickeners and the concentrates are piped back to the ball mill scoop. This serves the effect to crowd out the less valuable products and allows the valuable products to stay in the ball mill longer.