

## MARSMAN EXPLORATION COMPANY (TWIN RIVERS)

The production for August was ₱13,049.09 in bullion from 9,758 tons of tailings sand with a recovered value of ₱1,336 per ton; extraction was 43.5%.

Only a small quantity of sand was recovered from the Benguet Creek sand trap, as the river was high throughout the month. Most of the sand milled was taken from the storage pile.

Repairing of the Benguet Creek sand trap was completed during August, and the rebuilding of the Balatoc Creek diversion works and sand trap should be finished by the end of September.

The tonnage milled during August was low because the plant was shut down the first 5 days when the roads were blocked by slides, preventing delivery of fuel and other supplies.

The feed end of this mill developed cracks which could not be repaired by welding, necessitating the shutting down of this unit until a new feed end can be cast by the Atlantic, Gulf & Pacific Company. The cracks developed because the mill was run without liners by the operators of the former company, and this resulted in undue wear of the feed end shell.

New pumps and jigs, a new compressor, and a new precipitation unit were installed during August. New Falk reduction gears have been installed for both ball mills, increasing the speed from 20-1/2 to 26 RPM. These improvements should result in finer grinding and better recovery.

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## ROYAL PARACALE MINES, INC.

The production at Royal Paracale Mines for the month of August was higher than the preceding month, with a total of 2,161 tons treated for a total recovery of ₱20,313.13. The average per ton was ₱9.40, with extraction at 82.24%.

The total development advance during the month was 1,419 feet; 1,160 feet were in capital development and 259 feet in operating. Of the capital, 72 feet were in ore, while of the operating 71 feet were in ore.

Stoping operations were carried on the following stopes: 150 hanging wall, 530 West, 200 West, 250 West, 75 West, 23 East, 684 West, 730 West, 135 West and 63 West.

The #5 level is being extended west

to prospect the area under stopes at the #4 level. The #1 prospect raise has been connected to the 1304 level.

The #5 crosscut tunnel at Luya has been cleared out and retimbered and a counter drift is now being driven. It is intended to drift both east and west along the vein into the old surface stopes.

The Denver mineral jig has arrived and will be installed at once. The fine ore crusher installation has proven a decided success. The construction department has completed the new cooling water tower and a new cooling water sump tank.

Operations in the mine and mill for the month were normal and satisfactory.