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## July Operating Results Excellent

*July production at the Marsman gold producers resulted in an output of ₱1,223,384.90 from 56,826 tons of ore milled and 352,055 cubic yards of gravel dredged. The total was but slightly under the record set in April. A new monthly all-time record was set again by the United Paracale Mining Company, with an output of ₱226,539.14 from 9,572 tons of ore treated.*

*Operations went ahead normally with excellent progress being recorded in general plant efficiency and development work.*

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### ITOGON MINING COMPANY

Itogon treated 31,042 tons of ore during July, from which ₱354,301.62 in gold and silver were recovered. Recovery per ton was ₱11.41, and extraction was 87%. Development work amounted to 3,985 feet, of which 2,626 feet were operating and 1,359 capital advance. Of the capital footage, 105 feet were in ore, as were 706 feet of the operating development.

The 875 level Drain Tunnel, which is now being driven as a counterdrive along the Sesame vein, was advanced 218 feet. The cross section of this heading is large enough for the installation of double track.

The 500 level 96 vein crosscut was advanced 213 feet during July, and should reach its objective within 3 months. This heading is also of sufficiently large cross section to permit the installation of double track.

The 523 Sesame winze was sunk 22 feet during the month. This is ac-

tually an interior vertical shaft which is being sunk from the 500 level to the 875 elevation. It will be a standard 3-compartment shaft; a double-drum electrically operated hoist has been ordered for service in this shaft. In addition to the 22 feet of actual sinking, the hoist station, the ore pocket, and the raise to the sheaves have been completed.

Several stopes in both the Taka and Sesame vein systems were finished during the month, and new stope preparations were started.

Tonnage milled during the month was reduced by a broken main shaft in No. 1 50-foot tray thickener which was consequently out of action for 4 days. However, prompt service by the Manila office purchasing department and good work by the company's mechanical department kept the breakdown period to an absolute minimum.

*(Please turn to next page)*

Milling operations were normal. Slime tails were lower this month owing to improved filtration.

Total expenditures at Itogon for the month of July reached an all-time low record of ₱7.70 per ton.

It has been decided to reopen the old Taka workings above the present Zero level. Definite plans are now being formulated, and some work is already under way on the 3 level. It is hoped that a large tonnage of ore can be secured in this area from old fills and unmined blocks which were too low grade to mine when gold was \$20.67 per ounce.

### MINDANAO MINING COMPANY

A 95-horsepower tractor has been purchased for Mindanao Mining to be used for stripping ahead of the drag-line. It has been delivered and is now in operation. This will allow the drag-line to work continuously on production. Changes have been made in the delivery hopper, screening and stacker belt which will increase yardage handled and it is expected that 2,000 yards per day can be treated in the future.

Considerable difficulty was experienced early in August with large boulders which reduced the yardage handled, but the equipment is now in more favorable ground and values and recovery improved very markedly during the first two weeks of the month. Production for August is expected to be the highest on record to date for the operation.

### SUYOC CONSOLIDATED MINING COMPANY

During July Suyoc Consolidated treated 6,674 tons of ore from which ₱144,491.45 was produced, an average recovery of ₱21.65 per ton with an extraction of 85.83%.

The development advance was 1,312 feet, of which 936 were capital and 376 feet operating advance. Of the capital development 92 feet were in ore, as were 93 feet of the operating advance.

On the 220 level, the vertical 2-compartment raise coming up to connect with the bottom of No. 1 shaft was advanced 133 feet during the month, and will be connected before the end of August. Sinking operations in No. 1 shaft are expected to start by September 1.

A streak of alteration and quartz was cut in 2201 South which showed free gold, good assays resulting from samples over a width of 2.5 feet. No drifting has been done on the feature, so that its extent cannot be determined at this time. An effort will be made to make more progress in this heading to the South.

2042 crosscut East has cut what is believed to be the projection of the similar showing on the 1800 level. This showing, although the samples were very erratic, is expected to be slightly above average grade and of normal mineable width.

No repairs in the milling plant were necessary during the month, thus resulting in lower cost and increase in tonnage milled.

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