

## SUYOC CONSOLIDATED MINING COMPANY

January's production at Suyoc Consolidated was ₱141,337.32 from the treatment of 6,363 tons of ore. Average recovery was ₱22.22 per ton and extraction was 86.34 per cent.

Total development advance during the month amounted to 1,758 feet of which 1,089 feet were in capital and 669 feet in operating development. Of the capital advance 283 feet were in ore. Operating advance resulted in 126 feet in ore.

Sinking was continued in No. 1 shaft during January and 54 feet of advance was made. This shaft is 20 feet above the 2200 level.

Crosscut 2201-S was advanced 45 feet. A turnout was made for the 2215 crosscut. An advance of 125 feet was made in crosscut 2201-N. This heading will be stopped temporarily and an orepass-ventilation raise started to connect with the 2000 level.

Crosscut 2001-N continued in the altered andesite zone which carries some quartz and sulphides. Some low grade ore was developed.

Intermediate headings 1900 and 1901 were pushed for slope preparation during the month. Some average ore was developed in 19242 intermediate north and south, 19242 north, 19130 intermediate north and south. Stopping will be started during the current month.

Crosscut 1862 east cut the projection of the 16154 north veins, and showed commercial ore. Drifting on the vein has been started. Crosscut 1848 west cut a two-foot quartz vein of low grade ore. Drifting to the south was started. Crosscut 1856 east cut a two-foot gouge zone with some quartz. This is probably the southern extension of the vein cut in 1862 crosscut east. Values were erratic.

Crosscut 16154 north has been temporarily stopped to await development of the vein on 1800. Crosscut 1654 east was started.

Winze 1662 was advanced 40 feet in ore during the month. An intermediate level will be started at 60 feet from the 1600 level. Winze 14254 south ad-

## PHILIPPINE SMELTING COMPANY

The Smelter treated 1,836.66 tons of material during January, of which 141.64 tons were high grade ore.

Operations were normal during the month. All material on hand was smelted by January 25, when the smelter was shut down temporarily for periodical repairs. During the month 90.4 tons of smelter products were produced, containing 8,273.52 ounces of gold, 15,515.35 ounces of silver, 76,812 pounds of copper. The ratio of concentration was 14.73 to 1.

## MOUNTAIN MINES

Preliminary work at Mountain Mines is well under way, under the supervision of Frank Erno. Grass houses for the laborers have been completed, and foundations for a combination mess house, office, and bodega building completed. A prospect tunnel has been started, and was advanced 26 feet during the month. The portal of the tunnel was located in the middle of the outcrop zone, and the tunnel will be advanced 100 feet, upon which crosscuts to the east and west will be driven to explore the formation. Work on another promising outcrop will be started during February.

R. P. Barnes has been engaged in the capacity of accountant and also to assist in assaying and engineering work.

While continuous rains have somewhat hampered operations to date, better headway will be made when the temporary construction program is completed, and with the coming of dry weather.

vanced 46 feet during the month and resulted in nine feet of ore.

The headframe on winze 1350 was completed and sinking will be started in February.

Mine operations were normal during the period under review, and the mill operated steadily and satisfactorily.