

# MARSMAN MAGAZINE

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Manila, Philippines

VOL. IV  
NO. 9

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March  
1940

THE  
**MARSMAN**  
**MAGAZINE**

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Vol. IV  
No. 9

**MARSMAN TRADING TO START PHILIPPINE  
TOWN MEETING OF THE AIR**

A new radio program to be known as the "Philippine Town Meeting of the Air" will be sponsored by Marsman Trading Corp. This program will be held over radio station KZRM in Manila. It will be carried on from 9 to 10 P.M., Sunday evenings, for one year, and will start on Sunday, March 31st.

The main feature of the program will be debates between people of prominence in the Philippines who are especially qualified to debate on a given topic by reason of their knowledge of that particular subject.

Similar programs held in the United States have attracted much attention, and it is believed that the Philippine Town Meeting of the Air will soon become the most popular radio program in the Far East.

The debates will be held in the main studio of KZRM in the Insular Life Building, Manila. At each broadcast an invited audience of around 100 persons will be present. After each debater has expressed his views on the topic of the evening, there will be impromptu questions from the audience

to be answered by each debater. There will also be an interrogator to propound questions, and to act as mediator of the debate itself. In general, the program will follow the lines of the American Town Meeting of the Air.

The first debate, which will be held on March 31st, will be on the subject "Was President Quezon's suspension of eight members of the Manila city council justified?". This subject aroused much interest all over the Philippines at the time of the so-called city council scandal during February and March. Plans are being made for the engagement of one of the suspended councilmen to argue on the negative side of the question, while a former assemblyman will speak in justification of the President.

These programs will be broadcast from Manila over KZRM, long wave 485 meters, or 618.5 kilocycles, and short wave 9570 kilocycles.

Comments on the programs, and suggestions for new topics for discussion may be sent direct to Marsman Trading Corporation in Manila or to Station KZRM.

**GOLD PRODUCTION FOR FEBRUARY**

*Gold production for February from the Marsman managed mines was valued at ₱1,472,130, slightly lower than January because of the fewer number of operating days. Operations continued to be normal in both Baguio and Paracale districts, and outputs for March are expected to continue at the same pace.*

## ITOGON MINING COMPANY

During February, Itogon produced ₱429,364.82 from the treatment of 26,486 tons of ore, an average recovery of ₱16.21 per ton. Extraction was 81.19%.

Total development footage was 3,490, of which 2,665 feet were in capital and 825 feet in operating. Of the capital advance, 744 feet were in ore, as were 152 feet of the operating.

On the Sesame 23 Vein, total drifting on 8 levels amounted to 310 feet, 133 of which were in ore of better than average grade over a width of 4 feet.

Drifting on the 800 level of the Gilkison Split was 131 feet, 39 feet of which were in ore of a higher than average grade.

Drifting on 4 levels of the 31 Vein totaled 137 feet, of which 48 feet were in ore of average grade.

On the Sesame Vein, drifting on 3 levels totaled 280 feet, 80 feet of which were in ore of average grade.

The 23 Winze was sunk 24 feet during the month. Installation of the grizzly on the 875 level at the top of the ore pass is nearly completed; the measuring and loading pockets on the 1000 level should be completed in March.

On the Taka Vein about 136 feet of ore were developed on the 400 and 450 levels, the grade being higher than average, and the width 4 feet.

On the Itoe Vein, total drifting on 3 levels amounted to 323 feet, of which 284 feet were in ore of better than average grade.

On the 500 level, the 28 Crosscut South cut the vein; drifting to the West has advanced 75 feet through ore of good grade over a 5-foot width. A raise has been started from the drift West, and excellent values are being encountered.

A new high-tension line to the 1300 level drain tunnel is being installed by the Electrical Department, in addition to minor installations and repairs.

General conditions at the camp were normal throughout the month.

## SUYOC CONSOLIDATED MINING COMPANY

During February the Suyoc plant treated 6,176 tons of ore, from which ₱154,490.96 was recovered, an average recovery per ton of ₱25.02. Extraction was 88.37%.

The development advance was 1,684 feet, 952 feet of which were in capital and 732 feet in operating. Of the former, 139 feet were in ore, while of the latter 127 feet were in ore.

The No. 1 Shaft was sunk 29 feet. The 2244 Winze reached 2300 level and 1 station set has been placed, the vein running 2 feet wide and of better than average ore. The 2252 Crosscut East advanced 35 feet cutting the No. 2 Vein, ore being much better than average. The 2215-A Raise reached the 2100 level. The No. 3 Vein at this level is 1.9 feet wide and runs in much better than average ore.

The 2060 and 2062-A Raises, which will be used as ventilation and ore-pass raises, were advanced 22 and 49 feet respectively. The No. 2 Vein here is 2.5 feet wide and in ore of much better than average. The 1647 Crosscut East advanced 146 feet, leaving a distance of 800 feet to get under the No. 1 Vein.

Staff house No. 8 was completed and is occupied; likewise was the Hospital Apartment Extension completed. The new mine cage was installed, and the Mancha locomotive and No. 4 Allen diesel were overhauled. During March the engineering records will be transferred to the new vault which will provide protection in case of fire.

General conditions at the mine were normal during the month.

Suyoc defeated the University of the Philippines, Baguio Branch, in an athletic meet February 18, 1940. The meet was held under the auspices of the Suyoc Club.



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## UNITED PARACALE MINING COMPANY

Gold production at United Paracale for the month was P250,906.06, from the treatment of 9,257 tons, an average recovery of P27.10 per ton. Extraction was 90.64%.

Development footage amounted to 1,063, of which 687 feet were in capital, and 376 feet in operating. Of the capital, 133 feet were in ore, as were 107 feet in operating.

The 407 Drifts North and South, Kalaw 400 level, were advanced 51 feet and 45 feet respectively in low grade ore.

20 feet were advanced in the 401 Footwall Drift North, Baluarte 400 level, in ore of less than average grade, along a width of 5.8 feet.

The 42 North Crosscut West, Baluarte 650 level, was started and advanced 22 feet.

The 152 Drift North, Longos 150 level, was advanced 61 feet along the vein 1.8 feet wide assaying much better than average.

High grade was encountered in 201 Drift South, Longos 200 level, which was advanced 5 feet along the vein 7 feet wide.

Much better than average values were found in the Longos 300 level, the 301 Drift North being advanced 41 feet along the vein 7.2 feet wide, while the 301 Drift South was advanced 26 feet along the vein 7.8 feet wide.

The Longos Shaft No. 3 was sunk 46 feet, bringing it to a total depth of 93 feet below the 300 level.

The Baluarte No. 3 shaft station, 650 level, is more than half finished.

### *North Camarines-United Paracale*

The total development advance during the month was 129 feet, all of which was in capital. The 478 Drift South, Sindicato level 87, was started and advanced 112 feet along the vein 1.1 feet wide, with high assays. 115.3 tons of ore were milled during the month.

### *General*

The foundation for the new diesel at Longos was started and completed. Construction on both the Longos Power House and the exhaust fan building was nearly completed, the fan in the

## SAN MAURICIO MINING COMPANY

February production at San Mauricio was P516,729.41 from the treatment of 14,412 tons. Average recovery was P35.85, while extraction was 94.4%.

Development footage amounted to 2,118, of which 1,634 feet were in capital, and 484 operating. Of the capital advance, 625 feet were in ore, as were 158 feet of the operating development.

In the San Mauricio Mine the North Drift on the Spokane Vein, 200 level, was advanced 99 feet in ore of average grade over a width of 12 inches.

The South Drift on the Spokane Vein, 300 level, was advanced 124 feet in ore of better than average grade over a width of 13 inches.

High grade ore was encountered in the South Drift on the Tacoma No. 1 Vein, 300 level, which was advanced 69 feet in ore during the month.

The Spokane Shaft was sunk 73 feet, and the Shaft station on the 200 level was completed.

The Tacoma No. 3 Shaft was sunk 10 feet, and the 625 level station was nearly completed.

In the Sta. Ana Mine better than average values were developed in the North Drift on the 340 Vein, 300 level, which was advanced 33 feet in ore over a width of 12 inches.

The South Drift on the 340 Vein, 300 level, was driven 35 feet in ore, values being much higher than average, and extending over a width of 12 inches.

The North Drift on the 640 Vein, 425 level, was advanced 32 feet in ore of better than average grade over a width of 13 inches.

Building construction for the Diesel-driven compressor at Santa Ana was completed, as well as the foundation for Diesel No. 7 at the Main Power Plant. Excavation and concrete work for the crusher installation at the Main Shaft was nearly completed.

General conditions at the camp were normal during the month.

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latter building having been started, and which is operating satisfactorily.

The rest of the departments were occupied with routine work.



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## COCO GROVE, INC.

Operations for February resulted in production of ₱76,540.14, as follows:

The dredge "Mary Angus" handled 49,690 cubic yards of pay gravel from which ₱34,026.52 was recovered. Overburden removed amounted to 110,855 cubic yards. The total area dredged was 85,740 square feet, to an average depth of 50.5 feet.

The "Anne Petronella" dredged 123,865 cubic yards of pay gravel, from which ₱42,513.62 was recovered. Overburden removed amounted to 37,390 cubic yards. Total area dredged was 94,450 square feet to an average depth of 46 feet.

The dredge "Rotterdam" again resumed operations, handling 14,125 cubic yards, which were overburden.

During February the "Mary Angus" operated in virgin ground southwest of the Paracale Lighthouse. Drilling indicated that the gold is not uniformly distributed over the area. By the end of March this dredge should reach the tailing area. In the area where the dredge is now operating there is a layer of cemented sand which is exceedingly hard and has resulted in the slowing down of dredge operations.

During February the "Anne Petronella" operated mostly through old tailings, but also hit certain sections of virgin ground which yielded a satisfactory recovery. This dredge is heading for the foreshore where it will operate by the end of March or the beginning of April, weather permitting.

The mechanical performance of both dredges was satisfactory. Weather conditions in general have improved.

## TUBA MINES

During February the Tuba Mines plant produced ₱47,064.35 from the treatment of 1,441 tons of ore, the average recovery being ₱32.66.

During the month 1,087.50 feet of development work was completed, of which 770 feet were capital and 317.5 feet operating advance. Of the capital advance, 95 feet were in ore, as were 129 feet of the operating.

On the 250 feet level the grade of ore showed an increase and development results were good. On the 350 feet level the grade of ore increased in certain sections, although still being below that of the 250 level.

The power plant was overhauled during the month and power operations were normal by the first of March.

General conditions at the plant remained normal throughout the period.

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## NEW BRANCH IN DAVAO

A branch office of the Marsman Trading Corporation has been opened in Davao, thus adding to the service offered by the company to its patrons throughout the Southern Islands. Fred Hamp, formerly of Cebu, is in charge of the new branch. The mail address is P. O. Box 135.

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## NEW SEARS CATALOGS ARRIVE

The new spring and summer edition of the Sears, Roebuck, and Co. catalog has arrived in Manila, and Marsman Trading Corporation, representatives of Sears in the Islands, is now distributing them. The illustration at the right shows Miss Helen Mills, left, showing the catalog to Miss Carmen Miranda, in a background of 1,600 of the books. The new catalog, weighing over three pounds, has over a thousand pages, describing and illustrating many thousand of the



bargains for which Sears has become famous. The catalogs may be obtained from the Marsman Trading stores in Manila, Baguio, Paracale, Cebu, and Iloilo.

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## NEW MANGANI PLANT GOES INTO PRODUCTION

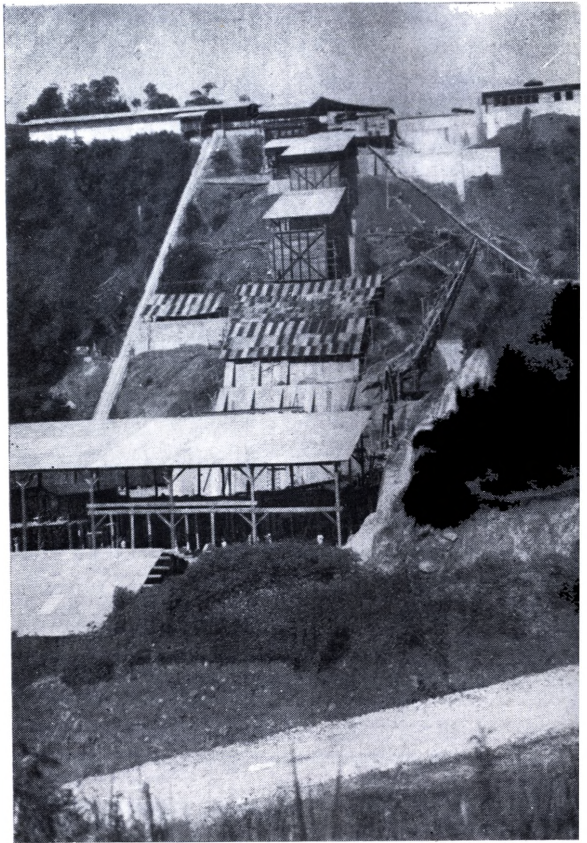
Milling operations at the Mangani Mine in Sumatra will start during the first week of April. This property will be the first gold lode operation to be brought into production by the Marsman interests outside of the Philippines.

The Mangani plant is located in the Barisan Mountains directly on the equator, longitude 100° 18' East. It is about 60 kilometers from Pajacombo and 190 kilometers from Padang, the nearest seaport. Access to the property is made either through Singapore, up the Siak river via Pakan Baroe, or, from Batavia up the southwest coast of Sumatra to Padang, and thence by automobile road via Pajacombo.

The old Mangani mine was worked primarily as a silver producer. The ore was high in manganese and was very refractory; from all accounts this ore taxed the metallurgical talents of all Europe and America in working out the economic method of treatment. The present ore bodies, however, contain approximately 2/3 their values in gold, and are not especially refractory.

The property was operated intermittently from 1912 to 1931, and treatment plants of many types and designs, and in various stages of preservation can still be seen in the vicinity. During these periods of operation around 832,000 metric tons of ore were treated, from which 176,064 ozs. of gold and 7,588,448 ozs. of silver were recovered, the value of both being about 25 million pesos.

The new mill is an all slime cyanidation plant. The ore is dumped from standard mine cars over grizzlies directly into two 10" x 18" Krupp crushers. The crushed ore and grizzly undersize unite and are conveyed to a Traylor washer. The washer oversize goes directly to a storage bin, and the washer undersize to a 30" Akins classifier. The sands from the classifier

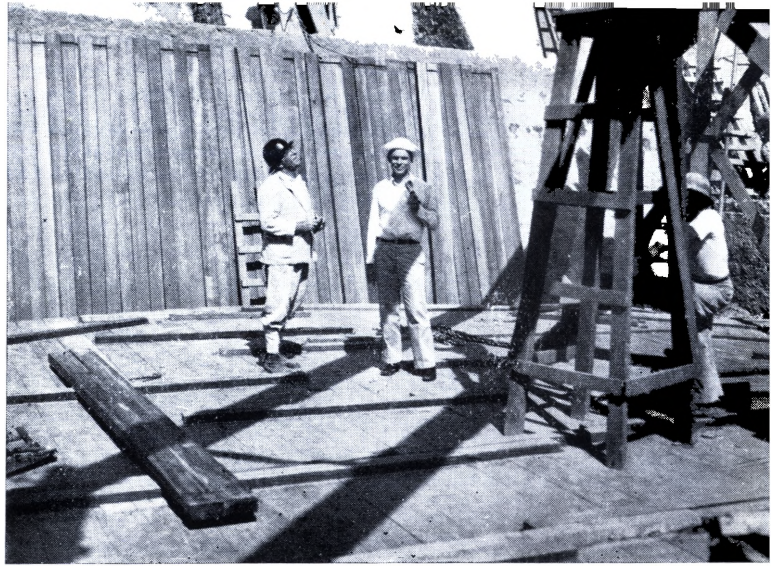


*The new Mangani plant*

join the washer oversize and the slimes go directly to the thickeners. All washing and grinding is done in cyanide solution. From the storage bin, the ore is crushed through a 1'-8" Traylor fine crusher to minus 1/2" and is conveyed to the ball mill ore bin ahead of a 6' x 8' Traylor ball mill. From here the usual practice of thickening, agitating, and filtering is followed, using three stages of thickening and two stages of agitation. The Crowe-Merrill bag type method of precipitation with zinc dust is employed, the solutions being clarified through Butter's type canvas covered frames prior to precipitation.

Recovery of 90% of the gold and 75% of the silver contained in the ore

*P. M. Matthyson, left, and  
J. P. Crowder at Mangani.*



is indicated. Test work was done on ore samples assaying approximately .20 ozs. of gold and 8.00 ozs. of silver per ton.

Power for the mine and mill is furnished by the Brani 1250 H.P. hydro-electric plant, while the Ramboetan 200 H.P. hydro-electric plant supplies the power for the camp and shops. Power is transmitted from Brani at 6,000 Volts, transformed and distributed through the plant at 1,000, 500 and 250 Volts. All motors are of the 50 cycle,

3 phase type.

Rainfall is in the neighborhood of 250 inches per year, thus insuring ample water for power and other purposes. The elevation of the mine is around 2,700 feet, and while the temperature during the day is often warm, the nights are cool and pleasant.

Mill construction was under the supervision of C. A. Weekley, general mill and smelter superintendent of Marsman & Company, Inc., while P. M. Matthyson is general superintendent.

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# ANNUAL MEETINGS

## ITOGON MINING COMPANY

The Itogon Mining Company is in the best position, both as to finances and as to future ore prospects, that it has ever enjoyed, stockholders learned at the annual meeting held Monday afternoon, March 4, at the Marsman Building, Port Area. Operations during 1939 were outstandingly successful, resulting in a resumption of dividends (₱1,000,000 in cash was paid during the year), while underground development added materially both to ore reserves and to grade of ore.

Benj. S. Ohnick, vice-president, presided at the meeting, which was well attended; 19,321,539 shares of the 25,000,000 issued were represented. The stockholders unanimously reelected the board of directors, as follows: J. H. Marsman, Mrs. Mary A. Marsman, Benj. S. Ohnick, H. M. Cavender, Judge Manuel Camus, Ernest Heybroek, Alf Welhaven.

R. W. Crosby, in charge of the Northern Division of Marsman & Company, Inc., general managers of Itogon, explained details of the 1939 operations and of plans for 1940. Production for 1939 was ₱4,573,560, from the treatment of 338,183 tons of ore. Compared with 1938 the 1939 mill head increased ₱2.29 per ton, extraction increased 1.26% and recovery increased ₱2.12 per ton.

Ore reserves as of January 1, 1940 were 465,000 tons with an average value of ₱16.94 per ton, a total contained value of ₱7,878,300. This represents an increase of 217,200 tons and ₱4,553,300, respectively as compared with 1938.

The attention of the stockholders at this time was called by Mr. Ohnick to the fact that the predictions of J. O. Enberg, chairman of the board of consulting engineers of Marsman & Company, at the 1939 annual meeting, as to ore reserves and general operating results during the year had been more than realized by the actual accomplishments.

Mr. Crosby explained how development work had exposed an entirely new vein, the Itoe, which has averaged bet-

ter than ₱20.00 per ton over 400 feet. Present indications are that this vein will continue to add ore of excellent grade to the reserves. The reopening of the upper levels of the mine has developed considerable ore, and stopping operations have been productive.

Most important project planned for 1940, in addition to the continuation of development work already started, will be the start of the 1300 level drain tunnel, 400 feet below the 875 level. This drain tunnel will intersect all known vein structures in the mine, and will provide haulage and drainage for the whole mine. It is expected that the new tunnel will be completed in 1942; its total length will be around 9,500 feet.

The stockholders unanimously passed a vote of thanks to Marsman & Company for its efficient work and excellent results during 1939.

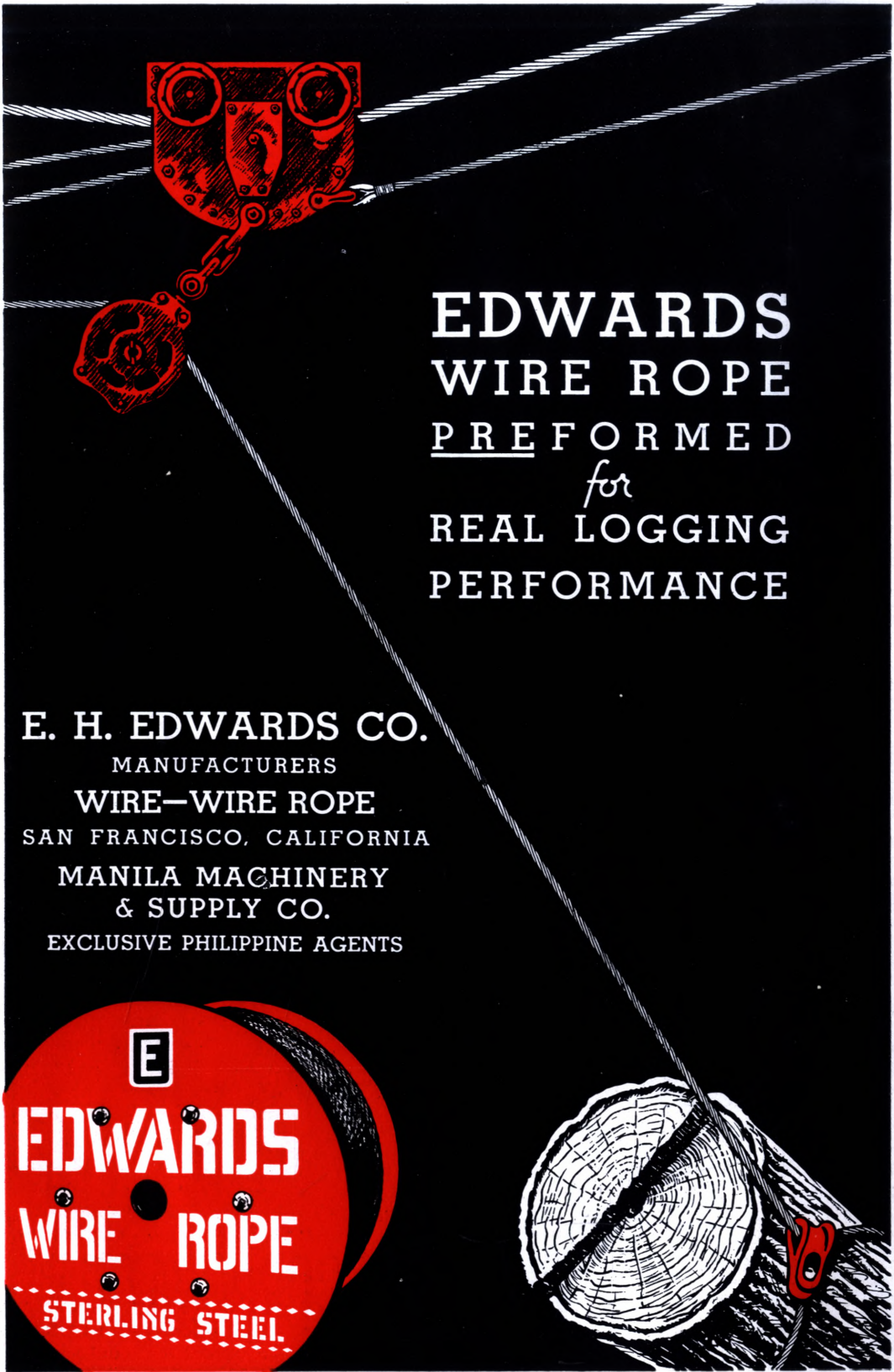
## SUYOC CONSOLIDATED MINING COMPANY

Excellent results from development work at depth, which brought about a sharp increase in ore reserves and unusually good prospects for the future, were outstanding features of the 1939 work of the Suyoc Consolidated Mining Company, stockholders learned at the annual meeting held Wednesday afternoon, March 6, in the Marsman Building.

As compared with 1938, the plant recovered more gold (₱1,792,401.74), while the 1939 average mill head increased ₱1.35 per ton, extraction increased 1.18 per cent, and recovery increased ₱1.47 per ton.

Amos G. Bellis, president, presided at the meeting, at which 7,941,187 of the 12,500,000 shares outstanding were represented. The stockholders unanimously reelected the board of directors: Amos G. Bellis, J. H. Marsman, A. Beckerleg, Benj. S. Ohnick, and M. H. Ruppel.

R. W. Crosby, head of the northern division of Marsman & Co., Inc., managers of Suyoc, explained details of 1939 operations and announced plans



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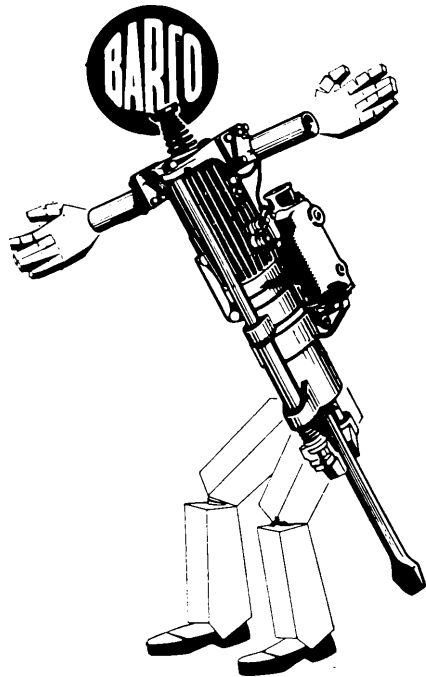
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for 1940. Mine development was most satisfactory, he stated, particularly in the 62 area on the 1800 and 2000 levels, and in the 42 area on and below the drain tunnel level. These developments are of extreme importance, he pointed out, since they prove the continuation of good values below the drain tunnel level and give promise of the extension of values to the north in hitherto unexplored country.

Ore reserves as of January 1, 1940 were 254,230 tons, averaging ₱26.60 per ton, a total contained value of ₱6,672,557—an increase of 42,382 tons valued at ₱1,520,632 over the reserve at the start of 1939. The average grade has increased from ₱24.74 to ₱26.60.

Mr. Crosby stated that during 1940 sinking of the main shaft would be resumed, the objective being the 2600 level, 400 feet below the 2200 level. The 2200 level will be developed by two shafts and a winze, and there is every reason to believe that a considerable amount of ore of better-than-average grade will be blocked out.

Major Beckerleg, director and member of the board of consulting engineers of Marsman & Co., pointed out that the company had expended more than ₱200,000 in extra supplies as a precaution against shipping difficulties and the company now has 18 months stock on hand.

At the conclusion of the meeting the stockholders unanimously passed a vote of thanks to Marsman & Co., Inc. for its highly efficient and successful work during the year.

## UNITED PARACALE MINING COMPANY

The activities of the United Paracale Mining Company during 1939 were a successful continuation of the orderly development and operation of the property towards the accomplishment of maximum efficiency in routine operations and full exploration of all potentialities, stockholders learned at the annual meeting held Tuesday afternoon, March 5, in the Marsman Building, Port Area.

Elmer Madsen, president of the company, presided over the meeting, at which 8,061,626 of the 13,000,000 outstanding shares were represented. The stockholders unanimously reelected the

board of directors, as follows: Elmer Madsen, J. H. Marsman, A. Beckerleg, H. P. L. Jollye, S. J. Wilson, Luis Perez Olaguer, and Alf Welhaven.

R. H. Canon, acting manager of the Southern Division of Marsman & Co., managers of United Paracale, gave a description of operations at the property during 1939, and of plans for 1940. Mining and milling conditions during the past year were normal and satisfactory, he reported. A number of new sections of the company's holdings are to be explored during 1940, and indications so far favor the development of more ore of good value.

The stockholders before adjournment unanimously passed a vote of thanks to Marsman and Company, Inc., managers, for their successful and efficient management of the property during the year.

## COCO GROVE, INC.

Operations of Coco Grove, Inc. were carried on during 1939 as planned, resulting in the production of ₱2,012,039 from the dredging of 3,930,000 cubic yards of gravel, stockholders were informed at the annual meeting held Monday afternoon, March 4, in the Marsman Building, Port Area.

H. P. L. Jollye, president, was in the chair. The stockholders unanimously elected the following board of directors: H. P. L. Jollye, A. Beckerleg, S. J. Wilson, G. W. Kerr, and A. de las Alas.

R. H. Canon, in charge of the Southern Division of Marsman & Company, Inc., operating managers of Coco Grove, explained operations during the year. Both dredges worked normally during 1939, he stated, with increased operating efficiency as compared to 1938. Operating costs were maintained at an average of ₱0.255 per cubic yard, and the company expects to hold to this figure in 1940.

Additional drillings during the year added 1,300,000 cubic yards to the reserve, with an estimated contained value of ₱450,000. The reserve as of January 1, 1940 was 18,218,224 cubic yards valued at ₱9,818,309.

A vote of thanks to Marsman & Company for the efficient management of the operation during 1939 was unanimously passed by the shareholders.

## UNITED PARACALE WINS SAFETY HONORS IN PARACALE DISTRICT

United Paracale Mine was the winner of top honors in safety for the Paracale district in 1939, according to P. K. Strong, Director of the Mambulao-Paracale District Mine Safety Association. The mines in the district were divided into two classes "A" and "B" according to their size. In class "A" were United Paracale, San Mauricio, Santa Rosa, North Camarines, and Paracale Gumaus. Class "B" included the remainder of the smaller mines and the Philippine Smelter. Malaguit Mining Company was the winner in Class "B", having had but one lost-time accident during the entire year.

United Paracale not only had the lowest fatality rate for the year, with but one fatality compared with six in 1938, but also excelled in frequency (number of accidents per million man-hours of labor), and severity (number of days lost per million man-hours of labor). This fine record was established after having started the year with a bad record in the first two months. From March onward throughout the year the accident rate showed a perceptible decline to place them in first place at the end of the year, showing the greatest improvement of all mines during the year.

This record places United Paracale in the position of winner in Class "A" of the Marsman Safety Trophy for the year of 1939. Safety training by the staff of the mine and by the Safety Director, and close attention to details on the part of the workmen resulted in the attainment of this signal honor. United Paracale is continuing its rigid safety campaign and present results indicate that it will find itself in the top bracket for the present year.

*Safety Training Class at United Paracale*



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## PERSONAL NOTES

Mr. and Mrs. J. H. Marsman are sailing from San Francisco on the "President Coolidge" early in April.

Major A. Beckerleg returned on March 5th on the "Conte Biancamano" after an inspection trip with J. B. Stapler to the Atjeh property in Sumatra.

J. B. Stapler returned on March 10th, after an inspection trip covering the Atjeh property, and the Mangani Mine.

Mr. and Mrs. J. O. Enberg arrived on March 8th on the "Honolulu Clipper." They are leaving on the 15th of March on the "Conte Rosso" for Singapore, enroute to Sumatra.

Leaving for the United States are Mr. and Mrs. H. G. Iverson of Twin Rivers. H. J. H. Maclean of Marsman Trading Corp. left this month for

a vacation trip to the United States and England. W. A. Vine, formerly of United Paracale is leaving for South Africa.

Messrs. D. van Eek, and J. J. Prins, formerly of Coco Grove and United Paracale respectively, have been transferred to the Atjeh property in Sumatra. Mr. Boomgaard, of Coco Grove has been transferred to the Mangani Mine in Sumatra. All three sailed on the "Tjinegara" on March 6th.

L. W. Buchanan of the engineering staff of Marsman & Company, Inc., is now on the staff of Suyoc Consolidated Mining Co.

H. A. Doornbosch has been transferred from Coco Grove to Twin Rivers, where he will supervise the taking

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## FRASER APPOINTED

The appointment of A. A. Fraser as sales manager of the Marsman Trading Corporation, in charge of all products, has been announced by Herman Yaras, vice-president and general manager. Mr. Fraser became affiliated with the corporation as manager of the Republic Steel-Truscon Division, and has been in the Islands for several years.

Mr. Fraser has spent many years in the construction and steel industry. In 1921 he went to Sto. Domingo as field engineer for the Barahona Sugar Company, remaining in construction work until 1924 when he entered sales engineering, becoming successively branch manager of the Indianapolis, Dallas, Texas and San Francisco offices of the General Fire-proofing Building



Mr. A. A. FRASER

Products Co., a subsidiary of the Truscon Steel Company. When that company was absorbed by the Truscon Steel Company, Mr. Fraser was made assistant manager of the San Francisco office, later being transferred to their Pacific Coast works at Los Angeles, in charge of sales of the Steel Window and Door Division.

Mr. Fraser came to the Philippines in January, 1938 as representative of the Republic Steel Corporation and its subsidiary companies: the Truscon Steel Company, Berger Manufacturing Co., Union Drawn Steel Co., Steel and Tubes, Inc., and the Nile Steel Products Co., for whose products the Marsman Trading Corporation have exclusive representation throughout the Philippine Islands.

down of the diesel plant, after which he will leave for Sumatra for the Atjeh property.

Bound for Sumatra also is C. A. Weekly, who sailed on the "Conte Rosso" on March 15th.

E. S. Geary, of the Machinery Department of Marsman Trading Corporation, is now in charge of the Paracale Branch of the Corporation, relieving H. J. H. Maclean who is abroad on leave.

Philip E. Wright of Sausalito, California, has just arrived to join the mine staff of San Mauricio Mining Co. A graduate of Stanford University, Mr. Wright spent some time in Korea working for the Oriental Consolidated Mining Co.

C. H. Hirst, manager of the Machinery Department of Marsman Trading Corp., is returning to Manila with his wife and daughter on the "President Cleveland", which arrives about April 2nd.

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COMPARATIVE PRODUCTION TABLE

	FEBRUARY			JANUARY		
	Tons	Per Ton	Value	Tons	Per Ton	Value
Coco Grove .....	321,800	P .24	P 76,540.14	328,900	P .42	P 139,020.14
Itogon .....	26,486	16.21	429,354.82	28,120	14.43	405,789.10
Tuba Mines .....	1,411	31.25	44,100.00	1,911	27.36	52,281.87
#Twin Rivers .....	—	—	—	17,682	1.20	21,256.00
S. Mauricio .....	14,412	35.85	516,729.41	15,147	36.80	557,420.93
Suyoc Cons. ....	6,176	25.01	154,490.06	6,624	24.51	162,342.59
U. Paracale .....	9,257	27.10	250,906.06	9,421	27.37	257,837.15
			<b>P1,472,130.49</b>			<b>P1,593,863.89</b>

#Mills closed in the latter part of January.

TWO-MONTH PERIOD  
(February-January)

	1940			1939		
	Value	Tonnage	Recovery Per Ton	Value	Tonnage	Recovery Per Ton
Coco Grove ....	P215,560.28	650,700	P .34	P257,072.32	667,855	P .38
Itogon .....	835,153.92	54,606	15.52	658,680.21	55,594	11.84
Tuba Mines ....	94,298.00	3,352	28.44	—	—	—
Twin Rivers ...	21,256.00	17,682	1.20	—	—	—
S. Mauricio ....	1,074,150.32	29,559	36.32	1,005,995.04	18,189	55.31
Suyoc Cons. ....	317,832.65	12,800	24.76	285,500.73	12,343	23.13
U. Paracale ...	508,743.21	18,678	27.24	473,145.82	18,327	25.82

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# EDITORIAL

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## MORE SAFETY

The accomplishment of United Paracale Mining Co. in winning first place honors in the safety competition for the Paracale District for 1939 is a tribute to the work of the recently organized Mine Safety Association. While all of the mines in the area showed improvement as a result of the training received and the precautions taken, United Paracale excelled in frequency and severity.

As more and more attention is being paid to safety work and to first aid training, safety records for the various companies will naturally improve. It is particularly fitting that United Paracale, as the first producer in the Paracale district since the revival of that area by the Marsman interests in 1933, should take the lead in reducing the accident rate and making working conditions better in general.

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## THE MARSMAN MAGAZINE

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*The magazine is sent to all stockholders of Marsman managed properties and to all staff members of the companies associated with the Marsman interests.*

*NOTE: All ore values, bullion figures, etc., given in this magazine are expressed in pesos based on gold at \$35.00 an ounce and silver at the market price. Figures given in monthly reports are based on mine assays, and may differ to some extent from final mint or smelter returns.*

**SUBSCRIPTION PRICE, ₱5 A YEAR.**

**RALPH KEELER, Editor and Business Manager**



## NEW RADIO EQUIPMENT FOR PHILIPPINE ARMY

Radio transmitting equipment for the Philippine Army has recently been installed by FEEDCO, which is operated by Marsman Trading Corporation. This equipment, which is shown at the left, consists of a 600 AG transmitter, 6 frequency, phone-Cw. Lt. A. D. Pexson of the Philippine Army, shown here with the transmitter, is the officer in charge of the radio for the Philippine Army offshore patrol.

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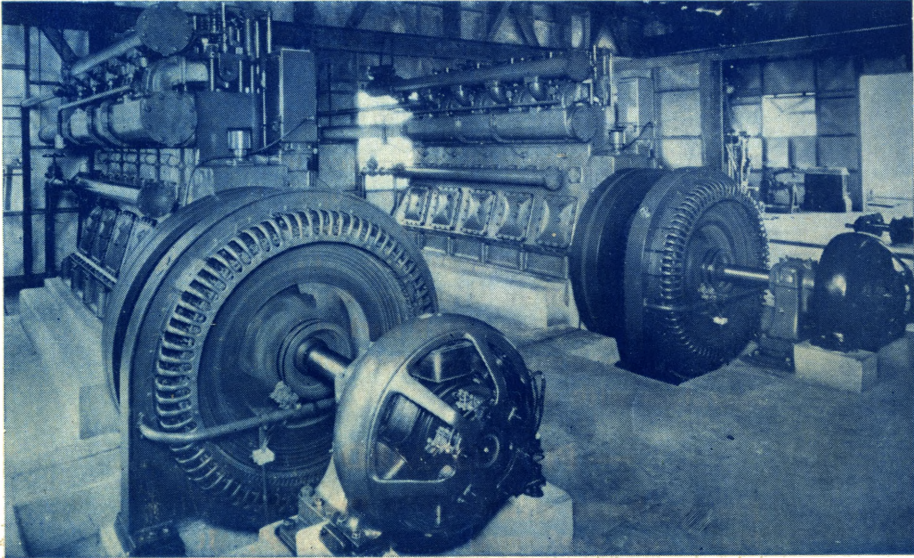
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