

have been necessary to cut the reef, but nothing was seen of it, and at the end of the year a rise was being put up to the upper adit. Some 14 tons of quartz from the mine, treated at the Moanataiari Battery at Thames, is reported to have yielded 23 oz. 19 dwt. bullion, valued at £47 9s. 11d. This is the total yield and value since commencing work.

*New Talisman Claim, Karangahake* (R. Schulzke, Owner).—A little prospecting was done on this claim, mainly on the Sheppard and Woodstock reefs, the latter being driven on for 40 ft. Some fair values were said to have been got, but no quartz was crushed.

*New Crown Claim* (H. A. Meagher, Owner).—This was the only other claim at Karangahake on which any mining was done during the year. An adit, 180 ft. in length, was driven with a view to striking the downward continuation of some leaders located at the surface, but nothing of a favourable nature was cut in it.

*New Zealand Crown Mines, Karangahake*.—No mining was done, but 9 tons of old tailings, disposed of to L. Thorburn, Thames, and treated by him at the Thames School of Mines plant, yielded 22 oz. 10 dwt. bullion, valued at £57 6s. 1d. Total yield since commencing work, 17,813 oz. 10 dwt.; value, £17,161 6s. 1d.

*Waiotahi Mine, Thames*.—This mine, which was formerly worked by the New Waiotahi Gold-mining Co., was forfeited during the year, and Mrs. M. Boyle became the owner. A tribute party of three men did about 150 ft. of driving, and some stoping, on a small leader, from which 7½ tons of quartz and 13 lb. picked stone yielded 16 oz. 16 dwt. bullion, valued at £54 8s.

*Caledonia-Kurawai-Moanataiari Consolidated Gold-mining Co., Ltd., Thames* (S. G. Baker, Manager).—Work was continued steadily during the year on the level opened from the foot of the incline shaft sunk from the Moanataiari tunnel in the Cambria section. Driving was done here on the No. 1 reef south, on which a stoping block about 120 ft. in length was opened, and on a small reef branching from this. These reefs just above the level carried fair values, but the values rapidly declined as stoping extended upwards. A winze was also sunk 20 ft. below the level, and a rise put up 43 ft. on No. 1 reef north. The quartz crushed amounted to 82 tons 1 cwt. 1 qr. 26 lb., which yielded 229 oz. 3 dwt. bullion, valued at £690 19s. 3d. On an average five men were employed. Towards the end of the year a good portion of the company's claims was forfeited on suit by R. Aitken, who purposes erecting a plant to treat the large amount of low-grade material known to occur there. Total yield since commencing work, 576 oz. 3 dwt.; value, £1,775 10s. 11d.

*Occidental-Uru Claim, Thames* (A. F. Sawyer, Owner).—The only work done consisted of repairing the main adit, and trying to get the lower part of the mine unwatered.

*Lucky Shot Gold-mining Co., Thames*.—Owing to the unsatisfactory nature of the developments in its mine, this company found itself unable to carry on, and went into liquidation early in the year. Work was carried on, however, in the mine by several parties of tributers. Working mainly on footwall droppers on the Golden Age reef below the Lucky Shot main adit, these parties won 32½ tons of quartz, which yielded 81 oz. 17 dwt. 9 gr. gold, valued at £309 8s. 5d. About six men on an average were employed. Total yield of bullion since commencing work, 527 oz. 14 dwt. 21 gr.; value, £1,671 17s. 2d.

*Waiomo Sulphide Corporation, Ltd.*—The only work done consisted of the clearing-up of several of the levels of the old Monowai Mine, and the taking-out of some small test parcels of ore from various parts. The return to hand shows that 46 tons, treated by the corporation in its own plant, yielded 47 oz. 4 dwt. 4 gr. gold, valued at £63 2s. 6d., and 117 oz. 3 dwt. silver, valued at £8 18s. 7d. Total yield of bullion since commencing work, 5,929 oz. 1 dwt. 7 gr.; value, £3,313 4s. 3d.

*Cambria Mine, Thames* (A. F. Sawyer, Owner).—The only work done on this claim was carried out by tribute parties, of which there were six or seven working, especially towards the end of the year, on various small leaders in the property. Only two parties, Kemp and Dunlop and Corbett and Cosgrove won any gold of consequence. The former party, working on Prescott's leader, mined 19½ tons of quartz, which yielded on treatment 50 oz. 1 dwt. bullion, valued at £157 14s. 9d. The yield of gold for 1931 totalled 73 oz. 10 dwt.; value, £287 0s. 10d. Total yield of bullion from this mine since commencing work, 105 oz.; value, £359 18s. 7d.

*North Star Gold-mining Co., Ltd., Thames*.—During the year this company acquired from the North Star Syndicate all its interests in the North Star claim. A winze was sunk from the North Star No. 4 level to a depth of 48 ft. on a small reef, at a point about 1,000 ft. from the portal. A rise was also put up from the adit with a view to holing through to No. 3 level to improve the ventilation, but owing to some miscalculation no connection was made. Several small parcels of quartz, aggregating 10 tons, mainly from the small reef in the winze, were crushed in the company's own battery for a return of 17 oz. 12 dwt. gold, valued at £62 8s. 10d. On an average two men were employed. Total yield of bullion since commencing work, 21 oz. 6 dwt.; value, £70 19s. 10d.

*Garbo Claim, Thames* (A. W. Jensen, Owner).—A little driving and stoping was done on this claim at Karaka Creek on several small leaders, 2½ tons from which were crushed for a return of 7 oz. 10 dwt. gold valued at £30 0s. 3d. Total yield of bullion since commencing work, 19 oz. 11 dwt.; value, £62 18s. 3d.

*Bright Smile Claim, Thames* (D. T. Dunlop, Owner).—From this claim a few pounds of picked stone crushed during the year returned 35 oz. 9 dwt. bullion, valued at £103 15s. 5d. Total yield of bullion since commencing work, 176 oz.; value, £474 2s. 5d.

*Tui Gold-mining Co., Thames*.—Owing to unsatisfactory developments, this company decided to go into liquidation, and part of its property passed into the hands of Taylor Brothers, who renamed their holding the Taniwha claim. Some 2 tons taken from a small leader by these owners were crushed for a return of 5 oz. 17 dwt. bullion, valued at £18 4s. 4d.

*Hauraki Mines Consolidated, Ltd., Coromandel*.—This company itself did no work during the year, but several parties of tributers worked leaders near the surface on various parts of the property. Altogether these parties treated 18 tons of quartz for a yield of 20 oz. 11 dwt. gold, valued at £82 2s. 2d. Total yield of bullion since commencing work, 468 oz. 14 dwt.; value, £1,413 4s. 1d.

*Long Trail Claim, Tokatea* (J. A. McNeil and Sons, Owners).—During the year this party, which had been assisted by Government subsidy for some time previous to prospect an area near Austral Hill, about six miles north of Tokatea Saddle, located a small reef showing promise. Cut in numerous places on the surface for a length of about 300 ft., this reef ranged from 1 ft. to about 3 ft. in width, and showed fair prospects wherever cut, the best values being at the southern end. Here a crosscut was put in which cut the reef about 20 ft. below the surface, at which point it was about 1 ft. wide, but carried good values. A winze was put down on it from the crosscut to a depth of 20 ft., when the water prevented further sinking. The reef, which was very flat, continued to carry good values to the bottom of the winze. A drive was also started at the north end at a point which would have given about 70 ft. of backs on the highest part of the reef. By the end of the year this had been driven nearly 200 ft. It was on a small vein, which, however, did not prospect very well, so there is a possibility it is not the same reef that was trenced on the surface. During the year, 13½ tons of quartz, mainly from the south end of the reef, were crushed at the Four-in-Hand battery for a return of 50 oz. 5 dwt. bullion, valued at £154 4s. 9d. Towards the end of the year another gold-bearing formation was found on the Red Trail claim, held by the same party, about a quarter of a mile east of the reef just mentioned, but insufficient work had been done on it to give any idea as to what promise it held.