

more or less, and would prove payable if a process of saving the gold cheaply were adopted. It is to be hoped that the alteration by using the water over and over again may prove a good plan. The continuous overflow-pans that have been in use are not adapted for saving fine gold, which is held in suspension by the water."

Just in Time Mine, 9 acres (Just in Time Gold-mining Company, owner; Mr. A. H. Richards, manager).—Six tributers and three wages-men have been employed. The owners crushed 128 tons of quartz for 103oz. 4dwt. of gold, and the tributers 344 tons for 373oz. 16dwt. of gold. The workings were stoping out the blocks of reefs opened from the low level to the surface, a depth of 89ft. The rock is of a hard nature, and the workings are easily secured. A short tramway conveys the quartz from the mine to the new road made by the County Council.

Kapai Mine, 11 acres (Kapai Gold-mining Company, Limited, owner; Mr. James R. S. Wilson, manager).—Four men have been employed, and 120 tons of quartz crushed for 103oz. of gold. The chief work has been done in the low level on the reef, which is from 3ft. to 6ft. in thickness, and is a continuation of the Try Fluke reef, and resembles it in appearance. It is the intention of the owners to amalgamate with the Vermont licensed holding, and continue the drive on the reef to the southward. They have also been negotiating for the purchase of a battery, as the quartz is not rich enough to be profitably worked while paying the present crushing charges.

Mariposa Mine, 4 acres 2 roods 6 perches (Mariposa Gold-mining Company, Limited, owner; Mr. John Primrose, manager).—Four men have been employed, and 380 tons of quartz crushed for 239oz. of gold. The reef, which is from 3ft. to 6ft. in thickness, is well opened up. A self-acting ground tramway 500ft. in length, conveys the quartz from the mine to the main road. The owners have resolved to erect a crushing-mill of their own at an early date.

John Bull Mine, 5 acres (John Bull Gold-mining Company, Limited, owner).—Two men have been employed driving a low-level cross-cut 90ft. One hundred and five tons of quartz yielded 20oz. 2dwt. of gold.

Irene Mine, 10 acres (Irene Gold-mining Company, Limited, owner; Mr. C. McDonald, manager).—Five men have been employed, and 389 tons 10 cwt. of quartz crushed yielded 234oz. of gold. The workings have been chiefly on the reef, which is from 2ft. to 4ft. in thickness. The rock is of average hardness, and is easily secured. The company have ceased operations on their own account, and have let the mine on tribute.

Otama Mine, 10 acres (Otama Gold-mining Company, Limited, owner; Mr. James McGregor, Jun., manager).—Twenty-two tons of quartz crushed yielded 214oz. 16dwt. of gold. The chief work done has been stoping out on the leaders, which are of small size.

Black Jack Mine, 10 acres (Black Jack proprietary, owners; Mr. Henry T. Rowe, manager).—Two men were employed. This mine, which is situated near the beach, has only lately been occupied. Seventy-six tons of quartz from near the surface yielded 60oz. 16dwt. of gold.

Waitara Mine, 25 acres (Waitara Gold-mining Company, Limited, owner; Mr. C. H. Bennett, manager).—This mine is situated on private property (Comer's). Four men have been employed, and 158 tons of quartz crushed for 1,993oz. 16dwt. of gold. The chief work carried on was stoping out 240 fathoms on a reef about 1ft. in thickness, and driving a low-level cross-cut 310ft.

A considerable amount of prospecting and work has been carried on in various claims and licensed holdings—namely, Mary Ann, Invicta, Iona, Vermont, Brilliant, Surplus, Secret, Pride of the Hills, Napier, Lucky Hit, Maori Dream, Golden Gate, and Hidden Treasure, and parcels of gold have been obtained from small crushings.

THAMES COUNTY.

TAPU DISTRICT.

Sheridan's Mine, 20 acres 3 roods 4 perches (D. Sheridan, owner).—Five men were employed, and 23 tons of quartz was crushed for a yield of 185oz. of gold. The chief work was stoping on the reef, which varies from 2in. to 1ft. in thickness. The rock is hard, and the workings easily secured.

Broken Hills Mine, 98 acres and 15 perches (Bull and party, owners).—Two men have been employed, and 50 tons of quartz crushed yielded 34oz. 12dwt. of gold.

Kelly's Claim, The Centennial, and Marquis of Hastings Claims have all been worked for moderate results.

WAIOMO DISTRICT.

Golden Gem Mine, 20 acres (Hansen and party, owners; Mr. P. C. Hansen, manager).—Two men have been employed. A considerable amount of work has been done in prospecting the various reefs, and a large paddock of quartz has been got ready for the mill. The ores require special treatment.

Monowai Mine, 28 acres (Hansen and party, owners; Mr. P. C. Hansen, manager).—Two men have been employed. A large reef from 6ft. to 16ft. in thickness has been worked on, and three levels have been driven. The mine is now well opened, and a large paddock of quartz stacked in readiness for the mill. The ore in the mine is of a refractory nature. The owners of this and the Golden Gem Mine have erected a crushing-mill, consisting of a stone-breaker, four McKay pans, two settlers, and one berdan. It is intended to reduce the quartz by the stone-breaker to a size fit for grinding in the pans. The method of treating the ground quartz will be by amalgamation—Cassell's process or other process. No crushing has yet been done on account of scarcity of water, the plant being driven by a Pelton wheel. As rich assays have been obtained from the Golden Gem and Monowai reefs, good returns may be expected next year from these mines.

Mount Zeehan Mine, 29 acres (Joshua Jackson and party, owners).—This mine is situated on the northward side of the range, about half a mile from the Monowai. A large reef was opened up, and good assays of gold and silver were obtained. The owners leased a small three-stamp mill, situated at the Bonemill Creek, on the Tararu-Waiomo Road. This mill was fitted to crush dry, and solution or percolating tanks have been constructed for the purpose of treating the ore by the cyanogen process,