

ANNEXURE A.

SUMMARY OF REPORTS BY INSPECTORS OF MINES.

NORTHERN INSPECTION DISTRICT (E. J. SCOBLE, Inspector of Mines).

QUARTZ-MINING.

Martha Gold-mining Co. (Waihi), Ltd. (W. Morrison, Manager). — The following is a summary of the principal work carried out — No. 15 level: Work suspended, now used for water-storage purposes. No. 14 level: On the Edward lode 6,443 tons were drawn from Trout block, in which a good deal of ore remains. Stopping is in progress, but is almost completed, on Gin block, Martha lode. It will take more than twelve months to truck out the contents of this stope. No. 13 level: Stopping of the ore in Cow block on the Martha lode was completed. This stope contains twelve months' supplies also. No. 12 level: Broken ore is being drawn from the Bath-Fahy block, on the Empire lode. All the available ore has been drawn off Fax block, while stopping is in progress on Webb East block, Martha lode. Royal lode: Stopping is being carried out on Reptile block, and the quartz is being drawn from Lizard stope. No. 11 (75 ft.) sub-level: Shrinkage stopping is in operation on Schnapper block, on the Edward lode. No. 11 level, Martha lode: The south-east crosscut, east of No. 2 shaft, was advanced from 16½ ft. to 44 ft. in low-grade, very hard quartz. No wall was seen, and work was suspended. North section, Empire lode: Stopping east of the rise on A. Harvey block was completed. No. 10 level: Most of the broken ore has been drawn off from Ulster block, on the Ulster lode. Piper arch, Edward lode, was broken down, and 2,409 tons of good-grade ore obtained. All the ore in Shark block was broken out and trucked. No. 10 (44 ft.) sub-level: All ore was broken and trucked from Evesham block, on the north section of the Empire lode. No. 10 (67 ft.) sub-level, Martha lode: Shrinkage stopping was in operation in Bulltown and Britannia blocks. No. 9 (35 ft.) sub-level: Ore was won by square sets from Tubman arch, on the Welcome lode. No. 9 level, Martha lode: Stopping was in progress, and 8,704 tons were lying in the stope. Foal north crosscut was driven a total of 91½ ft. from the Martha lode, and, at 82 ft., intersected a north branch of the same lode 2 ft. wide, and worth £1 8s. 6d. per ton. This was driven on westward for 13 ft. and eastward for 105½ ft. Payable values were met with in both directions. No. 9 (23 ft.) sub-level, Welcome lode, centre or middle section: A considerable quantity of payable stone has been proved in this section, and the Iris stopping block, about 95 ft. in length, is now being developed. Ore that has fallen from Crocodile block on the Royal lode is being drawn off No. 1 Pass block in the Grand Junction area, and 1,839 tons have been obtained. No. 9 (73 ft.) sub-level, Martha lode, north section: Driving, east of Pile pass along the north wall, was done for 120 ft., and, from 50 ft. to 120 ft., the quartz was payable for a width of 5 ft. North branch of Martha lode: One hundred and twenty-five feet were driven east of Mule pass on ore of good average value. At 90 ft. east Jamieson winze was sunk to a depth of 60½ ft. From 14 ft. to 38 ft. the ore was of payable grade, but decreased in value with depth. No. 8 level: In Pile and Deer arches, on the Martha lode, a total of 4,255 tons were caved. Edward lode: Stopping was finished at 72 ft. up in Roach north block, and 1,079 tons of ore were drawn leaving 1,083 tons yet to be extracted. No. 8 level: A shrinkage stope is being prepared in Adder cast block, Royal lode, which is estimated to contain 1,740 tons at £1 18s. per ton. No. 7 (105 ft., 80 ft., and 60 ft.) sub-levels: The caving area on the Martha lode had a total output of 42,186 tons for the year. No. 7 level: The Whittaker north-west crosscut was advanced from 206 ft. to 571½ ft., measuring from the south part of the north branch of the Martha lode, with unsatisfactory results. At 395 ft. a reef formation was met. This was tested by Diamond Drill "C" about half-way between this crosscut and surface. White quartz was cut, 2 ft. 9 in. wide, of which 16 in. of core were recovered assaying 1s. per ton. North branch of Martha lode, south part: Denby rise, situated 275 ft. west of Payne N.W. crosscut, was risen 74 ft. on reef averaging 12 in. in width, and worth £1 10s. 3d. per ton. Giddens rise, situated 235 ft. west of a point 318 ft. west of No. 2 shaft north-west crosscut, on a 4 in. vein which had values, was risen a total of 59½ ft. The vein reduced to 3 in. wide and values ranged between £3 15s. 8d. and 11s. 4d. per ton. At 50 ft. up a crosscut was driven to the south-east for 61½ ft., and, at the 50 ft. point, it intersected a sulphide vein of very good value, 13½ in. wide. It is evident from its dip that this is not the same reef, as Giddens winze was sunk on for 10 ft. below No. 6 level, where the reef is vertical, but corresponds with the lode driven on in No. 7 level to the south side of Giddens rise, where the values were low. Rising will be done on this lode to locate the bottom of the good values met in the crosscut at 50 ft. up. No. 7 (88 ft.) sub-level: Shrinkage stopping of Osten block on the No. 2 reef was completed. No. 6 level: Giddens south crosscut, situated 100 ft. west of Espir west crosscut (measuring south from the 3 in. leader, that was formerly driven on and thought to be the north branch of the Martha lode), was projected a total of 70½ ft. Good values were met with at 39 ft. and 49 ft. On the north branch of the Martha lode, at 39 ft. in Giddens south crosscut, a drive west was advanced for 161 ft. on good-grade ore. Driving east of Giddens south crosscut was done for a total of 124½ ft. with satisfactory results. This drive was connected to Espir west crosscut on the north side, with 4 ft. of country between the leader and the crosscut. At 11 ft. east, Giddens winze was sunk 10 ft., and a reef of more than 12 in. was exposed (the north wall was not seen) worth £3 11s. 6d. per ton. The stopping of Munro block is in operation. The block extends from 120 ft. east to 140 ft. west of Giddens south crosscut, and, taking a stopping width of 3½ ft., contains 6,193 tons of payable stone. Stopping is in operation in Payne block, which contains 5,163 tons of broken ore. No. 6 (30 ft. sub-level): On the Edward lode stopping was completed in Carp block, which contains 1,631 tons of broken ore. Royal lode: Driving east of the Edward lode junction was done for 129 ft. in payable ore. At 79 ft. east the lode is 7 ft. wide and worth £1 9s. 6d. per ton. At 125 ft. east Asp winze was sunk and connected to the top of Python block in payable ore. No. 5 level, Edward lode: Shrinkage stopping was completed in Eel block, which now contains 3,092 tons of broken ore. The west part of this lode was driven on 54 ft. north of Eel west crosscut to the junction with the Edward lode in payable ore, and from 85 ft. to 128 ft. south of Eel west crosscut in low-grade ore about 2 ft. wide. Former driving, to 85 ft. south, was payable. In McEnteer block stopping was completed. The top stope averaged 11s. per ton over a stopping width of 3½ ft. North branch of Martha lode: Giddens winze was sunk 61 ft. in reef, about 2 ft. wide, of very good value, and connected to a rise from No. 6 level. Munro winze was sunk 63½ ft. in reef, about 2 ft. wide, of good value, and connected to a rise from No. 6 level. Denby winze was sunk 71½ ft., the first 56 ft. in ore of good value, and connected to a rise from Payne block. Cornes rise was put up and connected to a winze from No. 4 level in payable ore. The stopping of Giddens and Cornes south blocks is in progress. No. 4 level, Edward lode: Roach block contains 6,794 tons of broken ore, which is being drawn off. North branch of Martha lode: The drive west of the Gordon north-west crosscut, which was stopped in low-grade ore in 1934 at 506½ ft., has been extended west to 668 ft., good ore being intersected at several points. At 641 ft. a crosscut was put out in a north-westerly direction for 42 ft. At 38 ft. in, quartz 9 in. wide, worth £7 14s. 11d. per ton, was met. At 641 ft. Gardiner south-east crosscut was extended for 22 ft. North branches of Martha lode: Stopping operations were carried out in Cropp, Fallon East, Dutton, and Worth blocks. All the broken ore was drawn from Fallon block. O'Bryenne winze was sunk 10 ft. on reef 12 in. wide, and worth £4 9s. 7d. per ton. No. 3 level: The broken ore was drawn from Wallace