

it slipped and fell down the ladderway so causing the accident. In the second case a man named Gordon Ladner was working an air-winch in the Blackwater Mine on the 24th August when he accidentally became entangled with the winding-rope and bucket. Wanting to take a kink out of the rope, he evidently turned the air on instead of shutting it off. His injuries consisted of a fractured arm (broken above and below the elbow) and a badly contused finger. The quarry accident appeared to be a simple one. E. Dudley, employed by the Golden Bay Cement Co., was working at the marl-quarry, Tarakohe, on the 10th May when a stone on which he was standing began to move. On jumping clear he fell and was overtaken by the falling debris and suffered injuries consisting of a broken arm and badly contused hand.

## GENERAL REMARKS.

*Mining*.—Alluvial mining showed a falling-off when compared with the previous year, the value of gold won being £9,029 19s. 11d., as against £11,856 19s. 2d. won during the former period. There was a considerable decrease in the number of men employed, the figures being 94 as against 132 in 1928. This statement is somewhat offset by the fact that a number of men were employed on part-time at the industry.

*Quartz-mining*.—Quartz-mining, on the other hand, showed a gratifying though slight increase, the amount recovered being 20,467 oz. as against 18,724 oz. for 1928. The increase is no doubt due to a resumption of operations at the Alexandra Mine, where crushing had been suspended over a lengthy period.

## SOUTHERN INSPECTION DISTRICT (MR. A. WHITLEY, Inspector of Mines).

## QUARTZ AND ALLUVIAL MINING.

*Waitaki County.*

*Livingstone and Maerewhenua*.—Returns from these localities show that six men were employed at ground sluicing in the greensand deposits. The gold won amounted to 210 oz., valued at £809.

*Waihemo County.*

*Ounce Mine, Stoneburn*.—The reefs in this mine are worked for gold and scheelite. During the year 135 tons of ore were crushed and concentrated for a yield of 19 oz. gold and 6 tons 15 cwt. of scheelite.

*Golden Point Gold and Scheelite Mining Co., Macrae's*.—This company was formed in Christchurch to reopen the low level of the old Golden Point Mine and prospect the reefs that were cut by former owners of the mine. Work commenced in October, and the level has been cleaned out and retimbered for a distance of 900 ft. from the surface.

*Macrae's*.—Three small parties of miners have been prospecting for scheelite in this locality. 28 tons of ore were treated at H. Fraser's battery for returns amounting to 1½ tons of scheelite.

*Maniototo County.*

*Kildare Consolidated Gold-mining Co., St. Bathans*.—Sluicing and elevating has been in progress on the Kildare lead throughout the year. Two elevators were in operation lifting the gravel to a total height of 162 ft. A small vertical shaft was sunk to a depth of 55 ft. in the hanging-wall of the Kildare lead at the southern end of the elevating-paddock. The lead was cut and driven on for a distance of 75 ft. to the south. The gold won for the year amounted to 320 oz. 4 dwt., valued at £1,230 11s. 8d.

*Cambrian*.—Sluicing operations in this locality were carried on by four parties of miners. The gold won amounted to 242 oz., valued at £909.

*Golden Progress Quartz-mining Co., Otirehua*.—The Progress reef was cut in a drive from the inclined shaft and driven on for a distance of 100 ft. to the east. It averaged 2 ft. in width, and samples taken from it gave payable results by assay. A vertical shaft has been sunk 40 ft. from the surface, and sinking will be continued to a depth of 160 ft. before opening out to drive on the reef.

*Naseby and Kyeburn*.—Twenty-one men were employed at hydraulic sluicing and elevating. The gold won amounted to 844 oz. 13 dwt., valued at £3,242. The largest producers were A. and G. Brown, with 260 oz., valued at £1,010.

*Tuapeka County.*

*Blue Spur*.—The Lawrence Sluicing Co. ceased operations in the early part of the year and sold all water rights and mining plant to the Dunedin City Corporation. The Gabriel's Gully Sluicing Co. sold the water rights from the Beaumont and Waipori Rivers to the Dunedin City Corporation, but retained the water right from a number of small creeks nearer to the claim, and is working the tailings on the north-west boundary. The yield of gold for the year amounted to 328 oz. 19 dwt., valued at £1,277 4s. 2d.

*Golden Crescent Sluicing Co., Wetherstones*.—Driving in the auriferous cement deposit on the schist bottom has been in progress during the year, and a distance of 530 ft. has been driven in an easterly direction for the purpose of proving if the cement carries sufficient gold to pay for working it by driving and blocking out. For the first 300 ft. of driving the cement was not payable, but it improved as the drive was extended, and the last 90 ft. driven gave a yield of 11 oz. 13 dwt., or at the rate of 9s. per cubic yard.

*Golden Rise Claim, Wetherstones* (W. R. Smyth, Owner).—A block of ground on the Lawrence to Waipori Road was worked by hydraulic sluicing and elevating, permission having been obtained from the Tuapeka County Council for the diversion of the road. The yield of gold amounted to 369 oz., valued at £1,422.

*Hogg and Eady, Evans Flat*.—This party purchased the Evans Flat Claim from Treacy Bros. and continued to work it by ground sluicing. Two men were employed.

*Paddy's Point Gold-mining Co., Forsyth*.—The water-race from the Waitahuna River formerly owned by the Havelock Sluicing Co. was repaired and extended to the claim, where sluicing operations commenced on the 4th December.

*Sailor's Gully Sluicing Co., Waitahuna*.—Ground sluicing was in progress throughout the year in the weathered portions of the cement deposit. Returns show that 359 oz. of gold, valued at £1,369, were recovered.

*Tallaburn Sluicing Co., Horseshoe Bend*.—This company's workings are close to the Clutha River at the north end of the old channel, and the claim will soon be worked out. Elevating was carried on during the year for a return of 187 oz., valued at £718.

*Holloway Bros., Commissioner's Flat*.—Sluicing operations were carried on in this party's claim on the east bank of the Molyneux River. The gold won amounted to 31 oz. 12 dwt., valued at £122.

*Murchison Bros., Fourteen Mile Beach*.—This party's claim is situated in the gorge of the Molyneux River about half-way between Roxburgh and Alexandra. The ground is very rough and can only be worked when the river is low. Returns show that 102 oz. valued at £395, were recovered.

*Vincent County.*

*Kawarau High Levels Mining Co., Waitiri*.—Sluicing operations were carried on in a deep channel on the north side of the company's claim up till May, but it was found that the ground could not be profitably worked owing to its rough nature and the difficulty in shifting the numerous large stones.

*Cornish Point Gold-mining Co., Cromwell*.—This company was formed to take over the Cornish Point syndicate's claim and plant, and further prospect the claim at the junction of the Clutha and Kawarau Rivers. An inclined shaft has been sunk 72 ft. on a grade of 1 in 2, but the bedrock was not reached. The pumping