

which it is intended to cyanide about 1,200 tons of tailings near the battery. Should satisfactory results be obtained, a larger plant will be erected for the treatment of about 10,000 tons of tailings (estimated) now lying on the Lower Bendigo Flat.

OPHIR.

Clyde Enterprise Quartz Prospecting Company, Black's (J. Crombie, manager).—(7/6/1901): Area of claim, 50 acres, taken up under prospecting license. An old shaft originally sunk 100 ft. deep has been put in repair, and a platform put in at 70 ft. in order to drive towards the reef, which is expected to be met with about 6 ft. in. The country-rock stands well without timber. Three men employed.

ROUGH RIDGE.

Rough Ridge Quartz Reef, Rough Ridge (F. H. Perry).—(12/6/1901): No work has been done on this reef for some time. A few tons of mixed stone are stacked in the paddock behind the battery ready for trial crushing.

BALD HILL FLAT.

White's Reef, Bald Hill Flat (R. T. Symes).—(10/6/1901): Mr. Symes perseveres in looking for the main lode. The formation continues in regularity, and is 40 ft. between the walls. The level is now driven 400 ft. to the face. An uprise is driven 50 ft. to the intermediate level, providing good ventilation. Occasional veins of quartz are met with which carry good gold, and the owner is thereby encouraged to continue prospecting in the hope that the stringers of quartz will come together and good stone make in the solid spur, towards which the low level is being steadily advanced. Levels and rises well timbered. Stopes all carefully filled with material run in from the surface.

Excelsior, Bald Hill Flat (F. W. Gray).—(11/6/1901): The old mine on the south side is now abandoned. A shaft 40 ft. deep, 4 ft. by 3 ft., has been sunk on the reef-formation, which here runs from 8 ft. to 16 ft. in width. The gold is carried in veins of decomposed quartz, from 2 ft. to 3 ft. wide, with bunches up to 9 ft. in width. The level face is 100 ft. from shaft. Timber good.

WAIPORI.

O.P.Q. (Waipori) Gold-mines, Waipori (A. E. Inder, general manager).—(23/12/1901): The mine has been standing for some time, pending instructions from the London board of directors. The water is kept pumped out, and repairs effected throughout the mine where necessary. The levels and travelling-ways have been retimbered, and are in good order. Black's tunnel is kept in repair as a future road for conveying timber to the stopes from the 80 ft. level.

Bella Reef, Lammerlaw Range, Waipori (Stewart, McKeich, and Party).—(18/5/1901): Work has been suspended at this mine for some considerable time, pending its flotation into the hands of a larger syndicate. The stone being poor, and containing much antimony and arsenic, the present battery appliances are proving inadequate. Assays of tailings show that a large percentage of gold is being lost from the tables. Copper plates are being replaced by blanketing. (28/11/1901): The level has been extended to 800 ft. at the face. There is said to be 5,000 tons of stone in sight, but the trial crushings made have not returned working-expenses, and it is now feared that the stone is too poor to pay. Ladders are required in the far-in passes to provide second outlet to the surface. Ventilation excellent; a "digger's regulator" is being used on the upcast rise to reduce air-current. The reef in its course crosses a deep gully, and danger might arise from waterspouts which occur in the Lammerlaw Ranges, or from water-races breaking away, if the stone be taken out to the surface in the gully. I pointed this out to both Stewart and McKeich, and they appeared to realise the danger.

Cox's Reef, Lammerlaw Range, Waipori.—(18/5/1901): Not working for a considerable time. Not visited.

TUAPEKA.

Grey's Gully Reef, Tuapeka.—(26/10/1901): William Hogg and party are engaged prospecting on a reef in Grey's Gully. The drive is in about 100 ft., and has exposed a small block of stone underfoot. A crosscut to the hanging-wall met with no stone. The quartz is evidently not of a permanent character. (26/12/1901): The reef is now abandoned.

WAITAHUNA.

Table Hill Quartz-mining Company, Table Hill, Waitahuna (C. F. Meyer, general manager).—(22/5/1901): At present engaged driving a level to cut the line of reef behind the old workings. This level is dry and well timbered, and has been advanced about 2 chains. Three men are employed at present. At the time of my visit no work was going on, owing to the manager having met with an accident on the previous day while heating water for thawing dynamite which had been previously used for that purpose (for particulars, see appendix, "Accidents"). A ten-head stamper battery driven by water-power is on the ground.

MILTON.

Canada Quartz Reef, Milton (J. Lawson, proprietor).—(23/5/1901): Private enterprise, worked by Mr. Lawson. When I visited the mine I found two men engaged pumping water at the mouth of the old adit, one of whom informed me that Mr. Lawson intends to sink a dip drive through the old stopes at an angle of 1 in 3, with the object of picking up the solid reef beyond the old workings. The mouth of the drive where the men were at work was entirely unsupported by timber, and several tons of rock which had recently slipped down from the hillside was lying where it fell on the out-bye side of the man pumping. The timbering of the drive (which was in 25 ft.) was altogether inadequate, and, as there was no supply of timber on the surface, I cautioned the