

Minerals other than Gold.

Scheelite.—Owing to the cancellation of the Imperial Government's purchasing contract on the 30th April the production of scheelite ceased from that date. The output during the period of four months amounted to 90 tons 16 cwt., valued at £21,028. Producers were compensated by the Imperial authorities for cancellation of contract, and in every case were satisfied with the treatment received.

Accidents.

FATAL.

There were no fatal accidents in the Southern Inspection District during 1919.

SERIOUS.

8th August: J. Christian, Livingstone—Broken collar-bone, caused by a fall of gravel in his own claim.

8th August: J. Meikle, Maerewhenua—Fracture of leg, caused by a fall of clay in his own claim.

11th November: D. McKenzie, Junction Mine, Glenorchy—Fracture of leg, caused by a stone falling from the face.

ANNEXURE B.

SUMMARY OF REPORTS BY GOVERNMENT WATER-RACE MANAGERS.

WAIMEA-KUMARA WATER-RACES, WESTLAND (MR. JAMES ROCHFORD, Manager).

Waimea Water-race.

The construction of the original Waimea water-race was completed about 1874. Its total length, including extension of Branch B to Scandinavian Hill and the Waimea Extension additional supply from Macpherson's Creek to the Kawhaka Saddle, is 19 miles 44 chains, and the total cost of construction approximately £127,600. The main race has a maximum carrying-capacity of 30 sluice-heads, and both it and the several branches are in good repair.

Branch Race to Callaghan's and Middle Branch Flat.

The construction of the Callaghan's water-race from the outlet of the Waimea pipe-line to Callaghan's Flat was completed in 1897 at a cost of approximately £5,950. Its length is 4 miles 62 chains, and carrying-capacity 25 sluice-heads to the junction with the Middle Branch race. The inverted siphon leading to Callaghan's will take 15 sluice-heads.

Middle Branch race was constructed in 1901. The cost of construction of this race and small storage reservoir was about £1,800. The length of this race from the reservoir to Middle Branch Flat is about one mile, and carrying-capacity 30 sluice-heads.

With the exception of some necessary repairs to several flumings both these races are in good order.

Kumara Water-race.

The original race was constructed in 1878, and some branches now included some years later. The total length, including Kapitea Hill race, is three and three-quarter miles, and its construction has cost, including Nos. 1 and 2 reservoirs and various branches, about £41,760. The head-race tunnel has a carrying-capacity of 140 sluice-heads, but from there to the Taranakau siphon the carrying-capacity is reduced to 60 sluice-heads. The tunnel and open ditching portions of the race are in fairly good repair, but many of the old 30 in. steel pipes of the inverted siphon between Dillmanstown and Kumara need replacing.

Kumara Supply Race.

The intake is in the Kawhaka Creek, about one and a quarter miles below the headworks of the Waimea water-race, and it terminates at the headwaters of the Kapitea Creek, covering a distance of about five miles. This race, which was completed in 1881 at a cost of £5,400, has a carrying-capacity of 35 sluice-heads, and was meant to augment the Kumara water-race supply.

There has been little demand for water from the Kumara reservoir of late years, and as this race has not been used for a considerable time repairs costing £600 to £700 will be required to put it in working-order.

Kumara trans-Taranakau Water-race.

This race was constructed in 1912, and comprises two miles of inverted siphon across the Taranakau Valley and 1 mile 56 chains of open ditching. The total cost of construction, including reservoir and pipe bridge, was about £21,900. The carrying-capacity of the siphon to reservoir-level is 15 sluice-heads and to water-race level 30 sluice-heads, while the open ditching from the reservoir to Quinn's Terrace will carry 60 sluice-heads. This race is in good order except for certain sections of steel piping in the inverted siphon.

Erin-go-Bragh Water-race.

This race was purchased in 1913, and takes its intake from the big Hohonu and runs to a storage reservoir at Revell's Terrace, from which a branch race leads to Argus Terrace. The expenditure on this race, including widening, repairs to ditching, and extension, has amounted to about £2,900. The carrying-capacity to the reservoir is about 12 sluice-heads, and from there to Argus Terrace about 28 sluice-heads. The length of the race is about five miles, and the whole of it is in fair order.

Wainikiniki Water-race.

This race was constructed in 1901, and comprises 95 chains of ditching and 35 chains of rock tunnel, at a total cost of about £16,000. The carrying-capacity is 35 sluice-heads, and the race is in good order.