

remains 22·49 chains to complete the driving of the tunnel. When this is completed a large quantity of water will be required to work the different claims. The total amount paid by subsidy for this work was £2,463 5s. 9d.

The following statement will show the revenue derived from sales of water, and also the cost of maintenance, for the year ended 31st March, 1897:—

Month.	Sales of Water.	Cash received for Sales of Water.	Expenditure.	Outstanding Moneys at the End of each Month.	Number of Men employed.	Approximate Quantity of Gold obtained.	Value of Gold obtained.
1896.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		Oz.	£ s. d.
April	286 13 4	322 3 1	157 12 10	138 0 2	103	430	1,677 0 0
May	307 0 0	241 0 0	140 1 1	162 11 8	99	460	1,784 0 0
June	166 9 6	246 0 0	150 17 4	132 13 8	98	250	975 0 0
July	387 13 8	376 12 6	159 19 0	143 2 4	98	585	2,281 10 0
August	318 10 7	313 14 0	145 14 10	122 9 11	97	570	2,223 0 0
September	310 7 4	327 16 3	134 17 10	118 5 2	93	505	1,969 10 0
October	356 16 4	406 1 10	149 13 2	128 0 9	92	535	2,086 10 0
November	322 8 10	118 0 0	136 6 6	239 17 5	86	485	1,891 10 0
December	144 13 3	300 0 0	146 2 3	126 0 9	82	220	858 0 0
1897.							
January	319 1 3	260 6 4	149 17 2	160 13 9	83	495	1,980 10 0
February	284 1 3	287 10 0	152 3 10	147 0 7	83	440	1,716 0 0
March	299 1 8	238 13 9	163 9 11	174 2 8	70	480	1,872 0 0
Totals and average ..	3,502 17 0	3,437 17 9	1,786 15 9	..	90·33 (average)	5,455	21,264 10 0

It will be seen from the foregoing statement that the value of the sales of water for the past year amounted to £3,502 17s., as against £4,106 11s. 3d. for the former year, and that the cost of maintenance was £1,786 15s. 9d., as against £1,943 8s. 7d. for the previous year. This shows a decrease in the revenue last year of £603 14s. 3d., and a decrease in the cost of maintenance of £156 12s. 10d. In addition to the sales of water, the value of free water supplied to the claims which did not prove payable to work during the year amounted to £613 0s. 6d. The average number of men employed in claims worked with water from this supply was 90·33, and the approximate quantity of gold obtained by them was 5,455 oz., representing a value of £21,264 10s. Deducting the value of the sales of water from the approximate quantity of gold obtained, it leaves £17,761 13s. as the earnings of the miners, which is equal to an average of £196 12s. 7·4d. a man per annum, or £3 15s. 7½d. per man per week. The total cost of this work up to the end of March last amounts to £41,463 16s., and, deducting the cost of maintenance from the value of the sales of water for the year, it leaves a profit on the working of £1,716 1s. 3d., which is equal to 4·137 per cent. on the total cost of the works. The reason the sales of water amount to so much less than last year is that the price of water was reduced from £2 per sluice-head per week to £1 10s. from the 1st June, 1896, so that there was only two months of the year at the higher price.

[For table showing result of working Kumara Water-race for fourteen years, see page 25.]

WAIMEA-KUMARA WATER-RACE.

The Waimea and Kumara Water-races have been considered as separate races, though this is not the case. The object of showing each separately is to give an idea of the value of each in proportion to the capital expended on the different works in connection with each branch. They may be termed separate water-races, but the supply of water to the Kumara branch is dependent to a great extent on the Waimea branch. If these races were held by different individuals there would be a far greater scarcity of water at Kumara than now occurs, and at the same time there would be more water in the Waimea Race than could be disposed of. However, when the deviation of the Waimea Water-race is completed, and the branch constructed to Goldsborough, the whole of the water in that supply will be utilised at Callaghan's and the middle branch, and it will only be when there is surplus water in the Kawhaka Creek that there will be a full supply in the Kawhaka Race feeding the Loop-line Dam, which stores the water for the Kumara field. The whole of these water-races are under one management, and worked as one concern. The following statement will show the revenue and expenditure on the whole of these works for the year ending the 31st March last:—

Month.	Sales of Water.	Cash received for Sales of Water.	Expenditure.	Outstanding Moneys at the End of each Month.	Number of Men employed.	Approximate Quantity of Gold obtained.	Value of Gold obtained.
1896.	£ s. d.	£ s. d.	£ s. d.	£ s. d.		Oz.	£ s. d.
April	341 7 6	393 1 10	226 6 8	146 10 5	176	560	2,184 0 0
May	374 2 11	308 8 4	214 10 4	171 1 11	177	628	2,439 4 0
June	236 8 8	292 9 3	215 14 8	140 8 11	177	420	1,638 0 0
July	476 11 2	464 14 6	213 13 2	150 17 7	174	807	3,147 6 0
August	373 10 7	382 18 9	197 14 0	130 5 2	158	725	2,827 10 0
September	366 15 8	382 8 3	186 3 8	125 0 5	153	665	2,593 10 0
October	422 8 3	482 2 7	192 7 2	135 16 0	158	720	2,808 0 0
November	393 7 9	191 7 6	182 0 8	247 12 8	145	695	2,710 10 0
December	197 8 3	330 19 6	198 3 2	135 16 0	142	379	1,478 2 0
1897.							
January	369 12 8	332 6 10	235 16 5	173 1 6	131	633	2,468 14 0
February	359 4 7	356 15 0	201 3 0	154 15 10	162	666	2,597 8 0
March	411 13 5	342 2 9	218 4 1	184 15 6	141	800	3,120 0 0
Totals and average ..	4,322 11 5	4,259 15 1	2,481 17 0	..	157·83 (average)	7,698	30,012 4 0