

Name of Party.	Number of Men employed in the Claim.	Fall to 12ft. in Tail-race.	Number of Sluice-heads of Water used.	Name of Party.	Number of Men employed in the Claim.	Fall to 12ft. in Tail-race.	Number of Sluice-heads of Water used.
<i>No. 2 Channel—Water from Kumara Race—</i>		In.		<i>Private Tail-races—Water from Kumara Race—</i>			
Turnbull and party ...	5	8	6½	Davidson and party ...	6	12	8
Arthur and party ...	4	8	8	Seater and party ...	5	6	10
Holst and party ...	4	8	10	Blake and party ...	6	6	10
Watson and party ...	5	8	10	Henderson and party...	6	7	10
Morris and party ...	2	5	11	Lee and party ...	7	7	12
Hughes and party ...	4	6	12	R. Anderson and party	6	10	10
Palmer and party ...	6	8	10	Shroeder and party ...	4	12	10
Harvey and party ...	3	5	10	Hanson and party ...	6	9	10
Rodgers and party ...	3	8	7	Stennard and party ...	5	14	10
Ireland and party ...	4	5	12	McIlveney and party...	4	8	12
Pascoe and party ...	6	8	9	P. Arnerich and party...	4	10	10
Baucke and party ...	4	4	10				
Corrigan and party ...	3	6	10	<i>Water from Holmes's Race—</i>			
<i>No. 3 Channel—Water from Kumara Race—</i>				Collins and party ...	4	8	10
O'Sullivan and party ...	5	9	6	Brown and party ...	5	7	10
Harris and party ...	6	8	8	Payne and party ...	5	7	10
Rothwell and party ...	5	9	6	Dinan and party ...	6	7	10
Anderson and party ...	5	5	10	Evenden and party ...	4	10	10
Hillier and party ...	4	9	6	Burke and party ...	5	10	10
Bain and party ...	4	9	6	Bowden and party ...	6	10	10
Rizzi and party ...	4	8	7	Johnson and party ...	3	12	10
Williams and party ...	3	8	8				
Carew and party ...	5	9	7	<i>Water from Private Water-races—</i>			
Light and party ...	5	6	10	Pearn's lease ...	6	10	15 to 20
Thomas and party ...	6	8	8	Long Tunnel Gold-mining Company ...	6	7	10 to 15
O'Connell and party ...	5	9	6				
Moynihan and party ...	4	8	8				
Trickey and party ...	5	5	11				

WAIMEA DISTRICT.

There is still a considerable quantity of ground on the terraces on the south side of the Waimea Creek that can be worked with water from the Government water-race, but the fall for sluices and available ground for the deposit of tailings is very limited. The bed of the Waimea Creek has been raised 20ft. in places by the discharge of tailings from the terrace claims. The miners state that the ground is very poor, and only pays very small wages for working; but from the principle on which the claims are worked, it would require to be good sluicing-ground to pay wages. It is true there is very little fall in their sluices—somewhere about 5in. to the 12ft. box, or a grade of about 1 in 29—but the limited quantity of water used for this grade, together with the small iron pipes and canvas hose, which are still in use, with the full pressure from the race not utilised, it cannot be expected that low-grade auriferous drift can be made payable for working. The principle of working adopted is by using a small nozzle at the end of the pipes or canvas hose for breaking down the ground and letting the rest of the water flow over the face. Fully double the pressure can easily be got from the race, but it is not considered to be of any advantage to use it; indeed, if these terraces were at Kumara, and worked in the same systematic manner, there is little doubt that many of the claims could be made to pay fair wages.

Representations were made to the Hon. the Minister of Mines during my visit to this locality that there was a considerable area of payable auriferous ground in the vicinity of Callaghan's Creek and on the north side of the Hokitika-Kumara Road if a deviation of the race was made. The manager of the water-race has been instructed to thoroughly examine the ground in this locality, and to report as to the area of payable auriferous drift that the race would command if a deviation was constructed. He is also to furnish an estimate of the cost of such deviation, together with its length and sectional area, if it was constructed on a gradient of 1 in 660, or a fall of 8ft. per mile. There is said to be a considerable extent of auriferous drift-wash about Scandinavian Terrace and German Gully which the proposed deviation would command, but which cannot be worked for want of water. This will be fully inquired into when the report of the manager has been received.

ARAHURA DISTRICT.

Humphries' Gully United Company.—This company has expended a large capital, but have not yet completed the works to a paying point. The claim is situated on the Hokitika Harbour Board Reserve at Humphries' Gully. There is a depth of about 250ft. auriferous-drift terrace in this locality, and the object of the company is to work this ground by hydraulic sluicing, which requires a large quantity of water to make much impression on it. They have constructed a large head-race for about 10½ miles, which intercepts several creeks, from which a good supply can be obtained in wet weather, but, the drainage-area of each of these creeks being very small, the water diminishes rapidly in fine weather, and the supply for working the ground is cut off. It is estimated