

At Wairaki No. 1 Mine, pillar-extraction was carried on during the year while the output from Wairaki No. 3 Mine was obtained from solid workings. An increase in output of 375 tons was recorded.

The output of the Wilton Colliery decreased by 8,715 tons to 79,937 tons. This colliery has been seriously affected by a shortage of labour following the revocation of the Industrial Man-power Emergency Regulations, and the bad winter caused numerous slips and washouts which affected output.

Work continued at the Kimihia Opencast No. 1, where 42,762 tons were produced, making the total output to date 123,031 tons. During the year Athey wagons and tractors were used to remove the unstable overburden, which was dumped outside the mine area. A start has been made on the building of a stop-bank round an area adjacent to the No. 1 Area and known as Kimihia No. 1 Extended. The new area is estimated to contain 450,000 tons of coal.

At the Glen Afton Opencast, weather again interfered with output. During the year 15,803 tons were produced, and approximately 8,000 tons remain to be extracted. Work continued steadily at Kemp's Opencast, where 55,246 tons were produced.

The Mangapehi Mine suffered from shortage of man-power, and the output declined by 4,171 tons.

The decrease in output at the Waitawhena Opencast was due to the extremely wet weather experienced during the winter, which caused difficulties in stripping and transport.

Mining conditions at the Tatu Mine have shown an improvement during the year and a small increase in output has resulted. During the year further electrical plant was installed underground.

The Wangaloa Opencast produced 32,023 tons for the first complete year of operation.

### OUTPUTS

A comparative statement of outputs for the last two financial years is shown hereunder :—

Mine.	Output, 1946-47.		Output, 1945-46.		Percentage Increase in Gross Output.	Percentage Increase in Net Output.
	Gross.	Net.	Gross.	Net.		
	Tons.	Tons.	Tons.	Tons.		
Liverpool .. ..	100,077	95,380	122,108	117,430	-18.04	-18.78
Strongman .. ..	99,329	96,680	100,275	98,420	-0.94	-1.77
James .. ..	..	..	39	39	..	..
Blackball .. ..	60,037	58,356	61,424	59,286	-2.26	-1.57
Mangapehi .. ..	53,940	51,549	58,112	56,014	-7.18	-7.97
Tatu .. ..	34,377	32,375	32,573	30,979	+5.54	+4.51
Wallsend .. ..	47,075	44,664	47,233	45,028	-0.33	-0.81
Dobson .. ..	59,380	57,806	54,580	53,047	+8.79	+8.97
Stockton .. ..	237,460	231,690	215,221	208,460	+10.33	+11.14
Mossbank .. ..	25,468	24,398	24,128	22,725	+5.55	+7.36
Wilton .. ..	79,937	75,154	88,653	83,651	-9.83	-10.16
Wairaki .. ..	68,800	65,274	68,425	63,343	+0.55	+3.05
Burke's Creek* ..	14,454	13,575	..	..	..	..
Glen Afton Opencast	15,803	15,803	14,394	14,394	+9.79	+9.79
Kimihia Opencast ..	42,762	42,762	32,398	32,398	+31.99	+31.99
Kemp's Opencast ..	55,246	55,246	38,097	38,097	+45.01	+45.01
Ohai Opencast .. ..	49,475	49,475	35,492	35,492	+39.40	+39.40
Waitawhena Opencast	21,630	21,630	23,198	23,198	-6.76	-6.76
Wangaloa Opencast ..	32,023	32,023	8,587	8,587	..	..
Totals .. ..	1,097,273	1,063,840	1,024,937	990,588	..	..

\* Colliery taken over on 3rd June, 1946.