

TABLE 6.—LENGTHS OF HIGHWAYS AT 31ST MARCH, 1939.

Number and Name of Highway District.	Type of Surface.			Total.
	Dustless.	Gravel or Macadam.	Pumice or Clay.	
	Miles Ch.	Miles Ch.	Miles Ch.	
1. Auckland North	49 68	775 37	..	825 25
2. Auckland South	604 50	842 50	5 52	1,452 72
3. Tauranga	92 24	363 52	262 37	718 33
4. Gisborne	86 64	307 41	..	394 25
5. Napier	221 6	516 60	..	737 66
6. King-country	37 12	553 18	11 75	602 25
7. Taranaki	342 0	124 10	7 10	473 20
8. Wanganui	151 18	378 24	0 63	530 25
9. Wellington West	252 70	251 1	..	503 71
10. Wellington East	160 43	343 76	..	504 39
Totals, North Island ..	1,998 35	4,456 49	287 77	6,743 1
11. Nelson	76 52	612 23	7 41	696 36
12. West Coast	57 66	485 28	..	543 14
13. Canterbury North	55 50	308 40	..	364 10
14. Canterbury Central	195 71	554 50	..	750 41
15. Canterbury South	149 71	672 67	..	822 58
16. Otago Central	118 34	725 16	..	843 50
17. Otago South	84 71	439 3	..	523 74
18. Southland	62 21	856 36	..	918 57
Totals, South Island ..	801 36	4,654 23	7 41	5,463 20
Totals, Dominion	2,799 71	9,110 72	295 38	12,206 21

Summary.

State highways	1,679 27	2,121 16	175 21	3,975 64
Main highways	1,120 44	6,989 56	120 17	8,230 37
Total	2,799 71	9,110 72	295 38	12,206 21

TABLE 7.—TESTS OF STONE COMPLETED DURING THE YEAR ENDED 31ST MARCH, 1939.

No.	Locality.	Weight in Pounds per Cubic Foot.	Absorption of Water in Pounds per Cubic Foot.	Abrasion.		Hardness.	Toughness.	Geological Classification.
				Percentage of Wear.	French Co-efficient.			
336	Penrose, Auckland	183·37	0·50	2·34	17·10	18·33	15·0	Basalt.
337	Kauaeranga, Thames	162·45	0·60	3·84	10·41	18·95	23·5	Hypersthene andesite.
338	Mangaokewa Stream, Te Kuiti	168·90	0·30	..	..	18·58	38·5	Argillite.
339	Raglan County Quarry, Section Part 209, Block V, Alexandra Survey District	166·00	0·70	..	..	15·50	23·0	Argillite.
340	Waiau Stream, Waitara	169·25	2·00	3·45	11·60	..	..	Sandy marl.
341	Turiwiri, Dargaville, Section 28, Block XIV, Mangaru Survey District	173·70	0·30	3·66	10·90	18·77	17·0	Diabase.
342	Taipa, Section 1 and Crown Grant 93, Block IV, Mangonui Survey District	159·30	3·00	3·66	10·76	19·31	17·0	Hornblende andesite.
343	Waitara Beach	162·20	3·10	4·46	8·95	..	..	Hornblende andesite.
344	Rosy Bay, Waikaremoana	157·31	2·90	3·78	10·60	..	..	Argillite.
345	Page's, 2 miles 67 chains, Fraser-town—Lake House Main Highway	167·30	2·28	4·40	9·00	..	..	..
346	Cyprian, 2 miles 6 chains, Fraser-town—Lake House Main Highway	161·68	1·50	3·62	11·00	..	..	..

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