

TABLE 6.—TESTS OF STONE COMPLETED DURING THE YEAR ENDING 31ST MARCH, 1927.

Locality.	Weight in Pounds per Cubic Foot.	Absorption of Water in Pounds per Cubic Foot.	Abrasion.		Hardness.	Toughness.	Geological Classification.
			Percentage of Wear.	French Coefficient.			
55. Drury	183	0.68	3.8	10.5	17.96	18.5	Basalt.
56. Waitotara quarry	151	1.75	34.0	1.2	..	..	Pebbly shell limestone.
57. Boulderbank, Nelson	171	0.06	3.0	13.1	19.24	27.5	Hornblende granite.
Halswell, Christchurch City Council—							
58. No. 1	173	1.54	..	..	17.76	36.0	Coarse basalt.
59. No. 2	178	1.06	3.6	10.1	17.76	41.5	Coarse basalt.
60. No. 3	176	1.37	4.8	8.4	18.29	23.0	Coarse basalt.
61. No. 4	183	0.90	4.0	10.0	18.00	18.0	Coarse basalt.
62. No. 5	177	1.36	6.6	6.0	18.31	31.5	Fine-grained basalt.
63. No. 6	180	1.80	..	..	18.63	9.0	Fine-grained basalt.
64. No. 7	168	0.90	..	..	18.98	38.0	Trachyte.
65. No. 8	166	3.04	..	..	17.50	11.0	Trachyte.
66. No. 9	161	3.30	..	..	18.17	14.0	Trachyte.
67. No. 10	176	1.49	..	..	17.27	21.0	Coarse basalt.
68. No. 11	182	0.86	..	..	18.51	34.5	Coarse basalt.
69. Athenree, Tauranga	163	0.12	4.0	9.9	18.41	14.0	Hypersthene andesite.
70. Knox quarry, Tolaga	157	3.49	8.3	4.8	18.32	6.0	Glaucinitic limestone.
71. Whangara, near Gisborne	163	1.31	9.3	4.3	16.30	8.5	Glaucinitic limestone.
72. Maungatuna, Tolaga	157	3.23	9.7	4.1	15.75	6.0	Shell limestone (glaucinitic).
73. Mangawai	163	0.02	11.3	3.6	..	..	Greywacke.
74. Whangarei No. 1	165	0.91	5.5	7.3	17.06	7.0	Greywacke.
75. Whangarei No. 2	164	1.82	17.0	2.3	15.84	..	Altered gabbro (calcareous).
76. Whangarei No. 3	176	0.17	6.4	6.2	14.69	10.5	Diabase.
77. Whangarei No. 4	171	0.84	9.3	4.3	14.53	4.0	Greywacke.
78. Whareongaonga, near Gisborne	160	1.64	8.1	4.9	13.39	11.0	Sandstone calcareous, argillaceous.
79. Thames No. 1	175	0.04	3.6	11.1	19.00	22.0	Hypersthene-augite andesite (slightly altered).
80. Thames No. 2	162	1.10	9.7	4.1	6.83	11.0	Altered andesite (chloritic).
81. Thames No. 3	168	0.71	7.4	5.4	15.50	14.5	Propylitized andesite.
82. Maungatipu Mt. Quarry No. 1	162	0.43	6.2	6.4	9.60	7.0	Hornblende-augite lamprophyre (camptonitic).
83. Maungatipu Mt. Quarry No. 2	164	0.77	6.2	6.4	18.17	12.0	Augite lamprophyre affected by movement.
84.	168	0.50	2.5	16.0	18.98	37.0	Greywacke.
85. Mile 13, Whakatane - Rotorua Main Highway	156	1.26	18.1	2.2	..	..	Rhyolite.
86. Motutara Island	174	0.08	2.9	13.8	18.07	45.0	Greywacke (partly silicified).
87. Kawau Island	165	1.43	16.3	2.4	..	..	Argillite.
88. Rodney County's quarry, Leigh	161	0.13	13.9	2.9	15.92	4.0	Argillite.
89. Waihi Borough Council	127	7.00	8.0	5.0	5.20	5.0	Rhyolite.
90. Mt. Cargill (Otago), No. 1 quarry	164	0.23	4.5	9.0	19.30	22.0	Nephelinitoid phonolite.
91. Woodhaugh quarry, Dunedin City Corporation	171	0.37	4.0	10.0	17.60	15.0	Trachydolerite.
92. Mt. Cargill (Otago), No. 2 quarry	164	0.23	6.0	6.6	18.87	41.0	Nephelinitoid phonolite.
93. Logan's Point, Dunedin	163	0.17	3.4	11.8	18.71	16.0	Nephelinitoid phonolite.
94. Tainui quarry, Dunedin	168	0.16	3.7	10.8	18.37	23.0	Trachytoid phonolite.
95. Mt. Cargill (Otago), No. 3 quarry	165	0.19	5.0	8.0	18.93	15.0	Nephelinitoid phonolite.
96. Calder's quarry, Dunedin	161	0.17	4.1	9.8	19.17	34.0	Nephelinitoid phonolite.
97. Second Beach, St. Clare, Dunedin	165	0.62	4.8	8.8	18.50	15.0	Porphyritic basalt.
98. Roslyn quarry, Dunedin	192	0.23	5.5	7.4	18.90	8.5	Basalt.
99. Matawai, 46 m. peg, Gisborne-Motu Railway	164	0.29	5.6	7.1	16.50	12.5	Sandstone.
100. Huntly Town Board's quarry	165	0.47	6.6	6.0	17.60	9.0	Fine grained Greywacke.
101. Little Island, Hauraki Gulf	163	0.12	10.2	3.9	..	..	Red cherty shale.
102. Rodger's quarry, Warkworth	168	0.65	11.1	3.6	18.60	6.0	Metamorphic argillite.
103. Oruawharo Point, Warkworth	152	1.21	8.6	4.6	15.10	7.0	Weathered andesite.
104. Waikaremoana	163	0.26	8.1	4.9	14.60	7.0	Sandstone.
105. Ngongotaha, Rotorua	..	..	32.1	1.2	..	..	Glassy spherulitic rhyolite.
107. Mangapai	149	3.74	..	..	13.60	9.0	Sandstone.
108. Alison's quarry, Whangarei	168	0.37	6.9	5.8	19.20	26.0	Greywacke.
109. Paparoa	183	0.22	3.0	13.3	18.60	27.0	Diabase.
110. Haughton's quarry, Waimauku	149	4.67	7.4	5.4	17.40	15.5	Altered basalt.