

TABLE 6.—(a) TESTS OF STONE COMPLETED DURING THE YEAR ENDING 31ST MARCH, 1928.

Locality.	Weight in Pounds Per Cubic Foot.	Absorption of H ₂ O in Pounds per Cubic Foot.	Abrasion.		Hardness.	Toughness.	Geological Classification.
			Percentage of Wear.	French Coefficient.			
111. Hosking's Hill, Hutt Road, near Ngahauranga	164	0.32	5.1	7.8	19.46	14	Crushed greywacke cemented with quartz.
112. Hosking's Hill, Hutt Road, near Ngahauranga, Block 15	165	..	..	..	..	8	Quartz with little crushed greywacke.
113. Dubi's quarry-face, Te Arai Riding—Rodney County Council	147.7	3.21	14.8	2.70	5.6	6	Sandstone.
114. Schedewy's Hill, Warkworth—Rodney County Council: Allotment 148, Mahurangi, Block XV (Surface)	147	5.35	12.6	3.18	4.2	4	Sandstone.
115. Mount Brame Quarry, Kokako, Rodney County Council: Allotment portion N 155 (Quarry-face)	166	1.25	4.2	9.52	18.6	8	Altered basalt.
116. Mount Brame Quarry, Kokako, Rodney County Council: Allotment portion N 155	163.5	1.25	6.6	6.06	..	..	Weathered altered basalt.
117. Ryan's quarry, Allotment 52—Rodney County Council: Orua-where Parish, Block IV, Pahiri	153	1.45	6.44	6.2	15.2	6	Altered basalt.
118. Huntly Town Board	166.5	0.18	3.9	10.25	18.85	24	Greywacke.
119. Rotorua	147.5	0.167	28.9	1.38	..	..	Obsidian.
120. Herekino, Section 2A, Block III	165.4	0.21	3.15	12.68	..	..	Altered greywacke.

(b) ABRASION TESTS OF GRAVELS COMPLETED DURING THE YEAR ENDING 31ST MARCH, 1928.

Locality.							Percentage of Wear.	French Coefficient.
1. Waingawa River—Masterton	..	..	..	..	..	..	5.24	7.6
2. Hutt Bridge—Akatarawa Road	..	..	..	..	..	..	10.8	3.7
3. Mangatainoka—Pahiatua	..	..	..	..	..	..	7.73	5.2
4. Pahuratahi Stream—Kaitoko	..	..	..	..	..	..	17.85	2.2
5. Tauherenikau Lower Bridge—Martinborough	..	..	..	..	..	..	7.48	5.1
6. Morgan's pit	..	..	..	..	..	..	19.01	2.1
7. Otaki River Terrace, 20 ft.	..	..	..	..	..	..	7.35	5.4
8. Marton—Tutaekuri	..	..	..	..	..	..	9.1	4.4
9. Waikanae River terrace, 20 ft.	..	..	..	..	..	..	8.5	4.7
10. Rangitikei River, Mair's terrace, 20 ft. ..	..	..	..	..	..	..	4.4	9.1
11. Rangitikei River, Bulls	..	..	..	..	..	..	2.6	15.4
12. Rangitikei River, Mair's	..	..	..	..	..	..	2.8	14.3
13. Rangitikei River, Bulls terrace, 30 ft. ..	..	..	..	..	..	..	6.7	6.0
14. Ohau River Bridge	..	..	..	..	..	..	6.9	5.8
15. Oroua River, Feilding	..	..	..	..	..	..	9.4	4.3
16. Manawatu River, below Gorge	..	..	..	..	..	..	12.0	3.3
17. Wangaehu River Bridge (volcanic gravel) ..	..	..	..	..	..	..	9.0	4.4
18. Waikare River, White's Road, Putaruru ..	..	..	..	..	..	..	39.8	1.0
19. Waikato River, Bent's pit, Arapuni	..	..	..	..	..	..	6.7	6.0
20. Tukituki River, Napier, right bank, Clive Grange, Bridge	..	..	..	..	..	..	5.0	8.0
Samples of shingle ex Morris J. Belcher, shingle-merchants, Otorohanga—								
21. Sample 1	..	..	..	..	..	..	15.7	2.5
22. Sample 2	..	..	..	..	..	..	15.5	2.6
23. Sample 3	..	..	..	..	..	..	14.0	2.9
24. Taihape River, Matapiro, Hawke's Bay (Pliocene marine gravel)	..	..	..	..	..	..	3.7	10.8
25. Mohaka River, left bank, three miles below bridge ..	..	..	..	..	..	..	3.8	10.5
26. Wairoa River, dredged from bed, two miles up-stream, Wairoa	..	..	..	..	..	..	11.8	3.4
27. Waikoau Viaduct (gravel from quarry near) ..	..	..	..	..	..	..	12.7	3.1
28. Mohaka River, upper terrace, right bank, from pit ..	..	..	..	..	..	..	8.6	4.7
29. Redcliff—Taradale	..	..	..	..	..	..	15.6	2.6
30. Hutt River Bridge—Akatarawa Road	..	..	..	..	..	..	10.8	3.7
31. Mangatainoka—Pahiatua	..	..	..	..	..	..	7.7	5.2
32. Makakahi River	..	..	..	..	..	..	15.95	2.5
33. Mangahao River	..	..	..	..	..	..	9.85	4.1
34. Ruamahanga, Martinborough	..	..	..	..	..	..	2.35	17.0
35. Ruamahanga, Masterton	..	..	..	..	..	..	2.6	15.4
36. Mangatainoka River	..	..	..	..	..	..	3.94	10.2
37. Ruamahanga, Lower Bridge	..	..	..	..	..	..	7.95	5.0
38. Waiohine Bridge—Greytown	..	..	..	..	..	..	5.01	8.0