

ANALYSES OF LIMESTONES.—SOUTH ISLAND—*continued.*

Laboratory No.	Locality.	Insoluble Matter (Sand, &c.)	Alumina and Iron Oxides.	Calcium Carbonate (CaCO ₃).	Magnesium Carbo- nate, &c.	Approximate Yield of Quicklime (CaO) in Cal- cined Limestone.	Remarks.
		Per Cent.	Per Cent.	Per Cent.	Per Cent.	Per Cent.	
<i>Awatere County.</i>							
G 626	Ward	15.20	1.30	82.80	0.70	73	
G 627	"	27.60	1.70	68.90	1.80	59	
G 628	"	5.30	1.60	92.50	0.60	82	
G 629	"	8.10	2.00	80.00	0.90	85	
G 630	"	6.50	1.40	91.00	0.50	86	
G 658	"	27.10	3.80	67.70	1.40	..	Soft.
G 659	"	25.60	3.70	69.60	1.10	..	Moisture 2.89.
G 680	"	28.50	3.93	61.97	2.71	..	Soft.
G 681	"	27.13	2.46	67.77	2.64	..	Moisture 4.63; soft.
G 683	"	41.35	6.38	45.88	1.82	..	" 2.81.
G 684	"	28.38	3.11	63.24	2.46	..	" 1.75; soft.
G 685	"	18.77	1.98	76.42	1.08	..	Soft.
G 687	"	19.32	1.67	77.95	1.06	..	Moisture, 2.10; soft.
G 688	"	20.37	2.37	73.68	1.48	..	" 1.90; "
G 774	Upper Awatere	16.80	3.10	77.30	0.90	..	" 5.00.
G 755	Ward	34.80	4.70	53.20	2.30	..	" 4.40.
G 756	"	32.70	4.30	56.50	2.10	..	" 6.30.
G 757	"	34.30	4.60	53.80	1.00	..	" 5.00.
G 758	"	36.60	5.10	50.70	2.60	..	" 0.90.
G 759	"	15.20	1.10	82.60	0.20	..	" 4.50.
G 760	"	38.90	5.30	48.90	2.40	..	" 3.90.
G 761	"	36.00	5.10	53.30	1.70	..	
<i>Inangahua County.</i>							
G 514	Rotokohu ..	2.40	1.00	95.90	0.70	93	
<i>Westland County.</i>							
G 404	Koiterangi ..	9.40	2.40	87.50	0.50	80	
<i>Waipara County.</i>							
G 408	Waikari	11.30	1.60	86.30	0.80	..	Soft.
G 464	"	25.40	3.10	70.80	0.70	58	Hard.
<i>Ashley County.</i>							
G 454	Rangiora	16.60	7.30	71.70	4.40	60	
G 463	Amberley	40.60	3.30	52.50	3.60	..	Very soft.
<i>Selwyn County.</i>							
G 255	White Cliffs ..	30.30	1.90	67.30	0.50	54	
<i>Geraldine County.</i>							
G 244	Raincliff	24.06	5.34	67.34	3.85	..	
<i>Waimate County.</i>							
G 543	Hakataramea ..	23.80	4.30	70.30	1.60	57	Calcareous sand.
<i>Lake County.</i>							
H 258	Pembroke	3.40	0.50	94.60	1.50	..	
<i>Southland County.</i>							
H 322	Invercargill ..	11.10	2.90	83.40	2.60	..	
H 323	"	4.60	1.60	80.70	4.10	..	
<i>Wallace County.</i>							
G 439	Fairfax	5.80	1.30	92.40	0.50	..	

Mr. W. F. Pannett, of Scargill, confirms recently recorded experience regarding the durability of posts from good strains of blue-gum (*Eucalyptus globulus*). He states that about 1898 he put in two heavy gate-posts of blue-gum near Lincoln College, and found them in a very sound condition at ground-level when visiting the locality recently. The tree had been felled about two years before the posts were put in.