

New South Wales Timbers. Sand Blast Tests.

Local Name.	No.	Weight abraded, Grains.	Weight per cubic foot.	Volume abraded, x 10 ³ .	C. Volume reduced to Standard.	No.	Weight abraded, Grains.	Volume abraded, x 10 ³ .	B. Volume reduced to Standard.	No.	Weight abraded, Grains.	Time of Test in Minutes.	Weight reduced to 2 minutes.	Volume abraded, x 10 ³ .	A. Volume reduced to Standard.	Ratio of hardness in three directions.		
																A.	B.	C.
Blackbutt, N.C....	1 ₁	29.5	58.6	124	...	1 ₃	12.5	52	44	1 ₅	11	3	7.3	30	25
	1 ₂	27		112	...	1 ₄	24.5	101	86	1 ₆	18	5	7.2	30	25
				mean	100											1	3	4.7
Tallow-wood, N.C.	2 ₁	47.5	71.4	164	139	2 ₃	37.5	130	110	2 ₅	15	3	10	35	30			
	2 ₂	52		180	167	2 ₄	31.5	109	92	2 ₆	17.5	5	7	24	20			
						2 ₄	36	125	106							1	4	6
Grey Gum, N.C....	3 ₁	43	75.7	140	119	3 ₃	22	72	61	3 ₅	25	5	10	33	28			
	3 ₂	43		140	119	3 ₄	26	85	72	3 ₆	11	3	7.3	24	20	1	2	7
Grey Ironbark, N.C.	4 ₁	28	71.4	97	82	4 ₃	16.5	57	48	4 ₅	8	3	5.3	18	15			
	4 ₂	25		86	73	4 ₄	21.5	74	63	4 ₆	13.5	5	5.4	19	16	1	3	5
Blue Gum, N.C....	6 ₁	47	62.1	187	157	6 ₃	13.5	54	46	6 ₅	20	5	8	32	27			
	6 ₂	45		178	151	6 ₄	19.5	77	65	6 ₆	9	3	6	24	20	1	2	4
Brush Box, N.C.	7 ₁	29	61.7	116	98	7 ₂	9.5	37	31	7 ₅	17.4	5	7	28	24			
	7 ₂	26		104	88	7 ₄	15.5	62	53	7 ₆	14.4	5	5.8	23	19	1	2	4.4
Turpentine, N.C.	8 ₁	21	63.1	82	69	8 ₃	11.5	45	38	8 ₅	14	3	9.3	36	30			
	8 ₂	16		63	53	8 ₄	11	43	36	8 ₆	11	3	7.3	29	25	1	1	4
Red Mahogany, N.C.	9 ₁	47.5	63.1	185	157	9 ₃	33	129	109	9 ₅	12	3	8	31	36			
	9 ₂	39.5		154	130	9 ₄	19.5	76	64	9 ₆	9	3	6	23	19	1	3	1
White Mahogany, N.C.	10 ₁	30.5	68.2	110	93	10 ₃	23	84	71	10 ₅	25	3	Sand wet-neglect test.					
	10 ₂	32		116	98	10 ₄	17.5	64	54	10 ₆	13	3	8.6	31	26	1	2	3.8
Colonial Teak, N.C.	11 ₁	27	59.3	112	95	11 ₃	44.5	185	157	11 ₅	19	3	12.6	52	44			
	11 ₂	27		112	95	11 ₄	21.5	90	76	11 ₆	19	3	12.6	52	44	1	2	6
Grey Box, S.C. ...	12 ₁	31.5	73.9	101	86	12 ₃	16.5	35	47	12 ₅	12	3	8	26	21			
	12 ₂	23.5		79	66	12 ₄	14	47	40	12 ₆	12	3	8	26	21	1	2	3.5
Woollybutt, S.C.	13 ₁	23	70	78	65	13 ₃	9.5	32	37	13 ₅	12	3	8	27	23			
	13 ₂	17.5		59	50	13 ₄	9	30	35	13 ₆	10	3	6.6	22	19	1	1	7
Spotted Gum, S.C.	14 ₁	13	71.1	45	38	14 ₃	8	28	24	14 ₅	11	3	7.3	25	21			
	14 ₂	21.5		75	64	14 ₄	8	28	24	14 ₆	11.5	3	7.6	26	22	1	2	0
Turpentine, S.C.	15 ₁	20	64.8	76	64	15 ₃	9	34	29	15 ₅	8	3	5.3	20	17			
	15 ₂	26		100	85	15 ₄	15	57	47	15 ₆	12	3	8	30	25	1	1	8
Blackbutt, S.C.	16 ₁	22	69	79	67	16 ₃	18.5	66	56	16 ₅	9	3	6	21	18			
	16 ₂	27		97	82	16 ₄	16.5	59	50	16 ₆	12.5	3	8.3	30	25	1	2	4
Stringybark, S.C.	18 ₁	26.5	66.6	98	83	18 ₃	11.5	43	36	18 ₅	14	3	9.3	34	29			
	18 ₂	26		96	81	18 ₄	10	37	31	18 ₆	13	3	8.6	35	30	1	1	1

In this table the columns marked "Number" simply give the number of the timber and the number of the specimen of that timber, 1 and 2 being for direction of blast C; 3 and 4 being for direction of blast B; 5 and 6 being for direction of blast A.