

SUMMARY EXPERIMENTAL RECORD

Section 2148 (14)

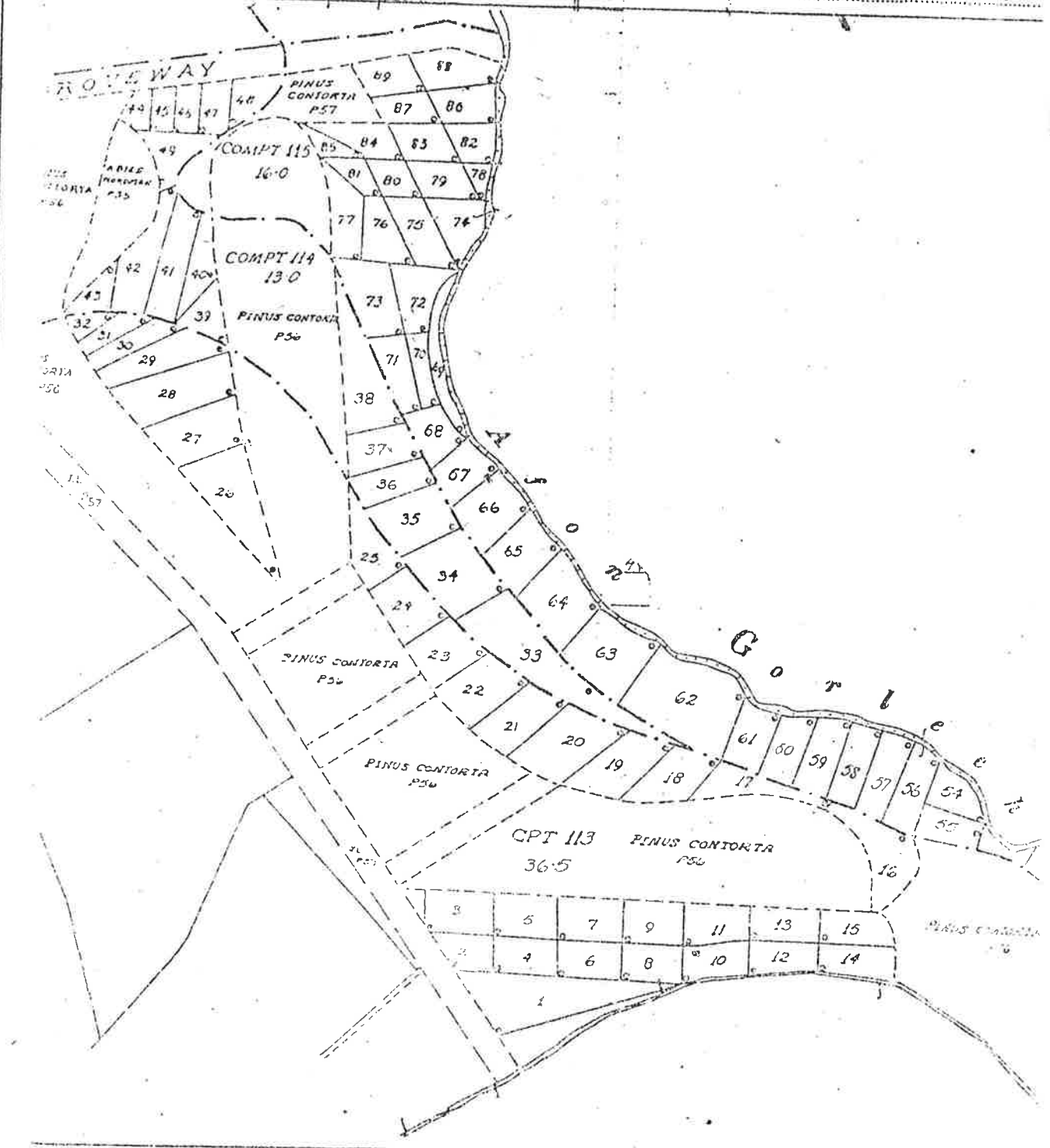
Form 11A

Compt No: 133

Forest/Expt: BRECHFA 15/81

Grid ref: 572 357

Series and Sheet No: 1st SERIES METRIC 146



INITIALS SL

DATE ... 3/6/83 ...

Sheet No

WAYNE BLACKBORN

FORESTRY COMMISSION RESEARCH - STATISTICS(N)

Experiment	Brechfa 15	/81	Dataset number	5462
Species	VAR		Program	BASAR
Assessment	B.H.D. (CMS)		Branch	SILV
Date of assessment	1989-02-27		Processed by	LR
Project number	38		Date processed	1992-03-13

Block no.		1	1						
1	27.90	2	23.50	3	21.00	5	11.30	6	22.20
8	16.70	13	23.30	14	26.30	16	20.90	17	21.00
20	21.50	22	25.90	23	19.90	25	34.50	27	22.80
31	31.00	32	28.40	33	31.30	35	17.50	38	28.20
40	27.50	Block no.		1	4				
1	16.50	3	18.20	5	14.40	6	15.60	9	19.20
13	5.70	17	21.90	19	29.80	20	26.30	22	22.70
29	21.60	30	14.50	32	20.50	37	18.90	41	20.40
42	17.30	44	23.40	46	26.50	47	22.80	52	14.80
55	18.80	57	17.70	59	14.60	60	20.00	61	17.40
62	22.10	65	13.50	66	26.70	68	15.40	72	19.70
75	15.30	Block no.		1	6				
1	17.10	2	23.60	4	21.00	5	8.60	6	20.80
8	14.50	9	9.50	10	18.80	11	21.20	12	21.30
15	20.50	18	14.60	19	20.50	23	23.20	24	14.00
25	23.10	29	20.60	30	14.50	31	21.50	37	17.40
38	21.60	39	30.10	43	18.10	45	21.00	46	16.20
50	18.30	51	14.00	53	26.00	55	23.50	57	21.80
58	13.40	64	17.60	65	18.80	68	19.40	76	21.50
78	21.90	79	12.00	80	19.70	Block no.		1	7
4	25.90	6	20.60	8	13.10	12	30.30	14	23.80
17	18.10	19	21.00	20	22.50	26	19.00	28	14.20
30	22.50	31	30.20	34	17.20	35	19.30	38	22.40
41	20.10	43	23.20	44	16.30	46	24.90	48	28.80
49	24.30	50	22.30	51	8.70	52	7.60	53	19.00
56	24.10	59	22.00	61	16.30	62	15.20	64	21.60
65	27.80	68	24.40	70	17.40	Block no.		1	10
1	37.80	2	32.60	3	21.20	4	23.00	5	18.80
6	34.30	7	22.60	8	27.10	9	19.30	10	27.60
11	17.60	12	20.50	13	22.50	14	22.20	15	14.90
16	25.80	17	27.10	18	32.00	19	26.10	20	19.90
21	13.80	22	26.40	23	30.70	24	27.00	25	8.70
26	35.00	27	22.90	28	24.90	29	13.20	30	35.30
31	35.80	32	39.30	33	14.50	Block no.		1	11
1	37.80	3	26.80	5	31.40	6	14.70	7	21.50
8	8.50	9	19.50	13	19.50	17	42.00	20	30.80
21	37.20	23	20.30	25	32.00	27	36.80	29	35.70
32	30.60	33	41.00	34	43.00	38	28.00	40	31.50
45	53.20	46	33.70	Block no.		1	14		
2	19.30	3	21.60	5	19.40	6	17.50	14	17.40
16	19.90	17	15.30	19	18.20	21	19.40	22	11.80
28	28.20	30	9.50	31	14.50	33	17.30	37	18.20
38	24.20	43	18.00	44	15.50	47	21.70	50	31.10
53	14.60	57	21.10	58	16.50	Block no.		1	16
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.10	16	22.90	21	22.70	24	32.00
27	26.80	32	29.90	35	20.10	37	17.00	40	38.40
42	25.10	44	34.40	46	12.20	47	13.40	48	11.60
51	37.90	53	34.40	54	17.00	57	20.50	Block no.	
1	27.30	2	20.70	5	21.10	8	15.00	9	30.00
10	23.10	15	26.1						

Block no.		1	21											
1	18.10	(2) 7.50	3	22.80	4	19.70	5	23.00	(6) 10.20	(7) 3.80	8	15.90		
9	22.20	10	13.70	11	15.80	12	17.00	(13) 12.40	14	18.70	(15) 8.40	16	10.40	
17	12.40	18	9.40	(19) 6.00	20	19.90	21	17.90	22	16.70	23	23.60	24	18.20
25	17.80	26	11.40	(27) 9.30	(28) 9.30	29	15.80	(30) 6.30	(31) 4.60	32	13.20			
33	11.90	34	25.10	(35) 4.30	(36) 6.80	(37) 6.80	(38) 6.60	(39) 5.80	(40) 5.20					
(41) 4.00	42	19.30	(43) 4.10	44	20.20	45	17.30	(46) 8.80	(47) 3.60	48	16.10			
49	23.20													

Block no.		1	23											
1	13.10	(2) 8.50	(3) 8.20	4	11.40	(5) 6.00	6	9.00	7	16.70	(8) 7.90			
(9) 7.50	(10) 6.50	(11) 6.20	12	24.60	13	16.40	(14) 7.10	15	16.10	16	16.40			
17	22.30	18	27.10	(19) 8.60	20	13.20	21	16.50	22	10.80	(23) 5.20	24	27.00	
25	20.20	26	14.30	(27) 5.50	(28) 4.80	29	21.40	30	13.30	(31) 11.30	32	28.90		
33	17.80	(34) 9.60	35	13.00	36	20.50	(37) 8.60	(38) 8.80	(39) 7.80	(40) 5.70				
(41) 6.90	(42) 7.90	(43) 10.00	(44) 8.20	45	16.30	46	9.40	47	12.30	48	26.10			
49	22.00	(50) 8.60	51	13.40	52	13.20	53	12.70	54	22.30	55	23.80	56	15.00

Block no.		1	24										
(1) 7.60	2	27.90	(3) 8.50	4	23.40	5	23.00	6	19.90	(7) 5.40	(8) 6.30		
10	13.80	(11) 10.00	(12) 4.10	13	17.00	(14) 4.20	15	27.00	16	17.60	17	21.30	
18	12.20	(19) 5.40	20	23.20	21	25.60	22	17.40	(23) 8.20	24	15.50	25	16.20
26	17.30	27	20.80	28	20.20	29	20.40	30	18.70	(31) 10.50	(32) 8.50	33	15.80
(34) 9.40	35	15.90	36	8.00	(37) 8.30	38	26.20	39	16.30	40	15.80	41	16.90
42	22.60												

Block no.		1	50												
2	24.30	6	24.80	9	22.50	17	26.00	19	18.50	20	19.40	21	18.00	25	19.40
29	25.00	30	23.70	32	27.20	37	18.30	39	26.00	42	9.80	46	24.20	49	23.50
50	18.30	52	18.80	53	21.10	54	18.40	56	26.00	59	13.50	60	17.30	64	17.00
65	8.50	66	18.10	67	10.30	69	18.60	70	11.30	74	19.50	75	23.00	76	13.00
77	20.00	81	19.80	82	10.50	83	12.40	84	14.20	85	10.60				

Block no.		1	40												
1	11.00	4	23.40	6	14.80	7	18.60	9	20.00	11	14.20	16	19.40	19	18.50
21	25.60	23	15.80	27	10.20	30	21.80	31	16.20	34	12.20	35	19.50	36	31.60
40	28.20	42	18.10	45	20.00	46	27.50	48	13.80	52	17.10	53	14.60	57	13.50
60	21.70	62	18.00	65	16.40	67	20.50	69	17.80	73	22.90	76	14.20		

Block no.		1	114												
1	10.90	2	11.30	(3) 9.10	4	13.70	5	10.50	6	16.20	(7) 7.20	8	16.20		
9	15.50	(10) 5.50	(11) 6.30	12	17.20	13	17.90	14	19.50	15	19.30	16	10.10		
17	14.30	(18) 11.30	(19) 11.10	20	18.70	21	10.40	22	13.70	(23) 11.40	24	14.70			
25	19.50	(26) 8.40	27	12.50	(28) 9.30	(29) 7.50	30	15.50	31	13.10	(32) 7.20				
33	11.00	34	19.40	35	12.50	36	11.30	37	15.60	38	18.60	39	23.10	40	20.00
(41) 6.40	(42) 5.20	43	14.00	44	8.80	(45) 6.90	(46) 11.10	47	11.60	48	17.00				
49	14.00	50	13.20	(51) 10.30	52	12.40									

Block no.		1	29												
1	7.50	2	26.90	4	19.40	5	4.00	6	6.30	7	11.60	9	13.00	10	12.30
11	10.30	14	8.30	15	17.00	17	15.70	19	19.50	20	17.00	21	19.10	24	18.70
27	14.80	29	16.20	30	20.80	33	17.10	35	13.90	38	22.30	40	13.80	41	13.20
42	10.90	43	10.90	44	15.10	47	14.20	48	14.80	51	17.80	52	12.50	56	24.60
57	16.00	58	19.60	59	10.90	62	19.00	64	19.60	66	21.40	69	16.60	72	8.90
73	11.00	74	18.60	75	11.30	77	19.10	79	16.20						

Block no.		1	90										
1	10.20	(2) 5.80	(3) 11.70	4	24.10	(5) 9.90	6	39.70	7	18.80	(8) 6.90		
9	16.30	10	31.40	11	25.70	(12) 17.40	13	17.00	(14) 12.50	15	30.00	17	27.00
(18) 10.10	19	21.20	20	13.90	21	18.60	22	14.50	(23) 5.10	24	16.70	(25) 10.70	
26	14.80	(27) 8.70	(28) 7.80	29	22.90	30	14.80	(31) 5.70	32	33.90	33	13.70	
34	24.90	35	22.40	37	17.60	38	19.40	(39) 10.10	40	26.90	(41) 11.20	(42) 11.60	
43	16.20	44	21.80	45	23.90								

Block no.		1	82												
1	10.00	2	10.70	3	7.40	4	9.40	5	15.90	6	16.10	7	15.30	8	15.50
9	10.80	10	16.00	11	13.10	12	17.00	13	16.00	14	11.60	15	15.40	16	13.90
17	9.50	18	11.30	19	6.00	20	12.70	21	7.80	22	12.60	23	13.70	24	9.10
25	10.70	26	15.60	27	13.10	28	13.80	29	14.30	30	13.20	31	16.80	32	8.80
33	8.40	34	13.30	35	11.00	36	7.90	37	16.10	38	11.50	39	13.90	40	14.00

41 13.20	42 10.50	43 11.00	44 14.70	45 13.50	46 13.50	47 8.40	48 10.70
49 6.50	50 8.70	51 11.20	52 6.90	53 6.50	54 7.90	55 7.50	56 13.30
57 11.80	58 14.30	59 13.00	60 14.10	61 12.90	62 10.20	63 16.50	64 6.40
65 15.10	66 4.60	67 7.00	68 13.30	69 15.50	70 10.90	71 9.20	72 12.20
73 16.10	74 14.80	75 13.70	76 13.00	77 16.20	78 14.30	79 11.70	80 12.70

Block no. 1 75

1 15.10	2 13.90	3 18.60	4 17.20	5 17.00	6 15.80	7 12.20	8 11.40
9 9.00	10 14.50	11 8.20	12 7.60	13 6.00	14 11.50	15 8.20	16 20.10
17 10.20	18 6.50	19 12.70	20 6.30	21 14.00	22 19.50	23 8.70	24 10.70
25 13.80	26 5.50	27 17.20	28 6.40	29 12.40	30 11.70	31 7.50	32 6.70
33 6.80	34 6.70	35 10.40	36 16.00	37 13.80	38 5.80	39 7.70	40 13.30
41 15.90	42 14.40	43 5.50	44 14.40	45 7.50	46 5.00	47 6.90	48 4.40
49 14.30	50 10.10	51 13.60	52 6.10	53 9.90	54 7.50	55 17.10	56 13.30
57 5.00	58 7.40	59 18.40	60 13.70	61 6.00	62 4.40	63 9.50	64 13.00
65 7.10	66 12.30	67 9.60	68 12.50	69 11.80	70 16.80		

Block no. 1 57

1 13.20	2 4.00	3 9.90	4 11.90	5 12.30	6 10.70	7 12.50	8 10.70
9 9.60	10 14.00	11 11.80	12 8.10	13 16.00	14 12.50	15 6.00	16 14.40
17 8.40	18 13.80	19 6.50	20 10.60	21 9.50	22 10.10	23 10.50	24 9.20
25 10.10	26 11.00	27 10.10	28 8.20	29 4.80	30 11.60	31 10.20	32 13.80
33 4.60	34 14.70	35 13.00	36 7.50	37 12.50	38 4.40	39 12.50	40 11.40
41 8.30	42 11.70	43 10.80	44 10.80	45 8.00	46 7.00	47 13.50	48 11.50
49 12.20	50 10.30	51 4.20	52 8.70	53 16.70	54 5.50	55 8.70	56 12.50
57 8.90	58 12.50	59 9.80	60 5.80	61 12.40	62 8.10	63 6.50	64 6.70
65 11.70	66 9.50						

Block no. 1 56

1 18.50	2 16.00	3 19.80	4 16.30	5 15.50	6 14.70	7 13.50	8 13.20
9 18.80	10 13.90	11 15.60	12 10.30	13 19.20	14 18.50	15 8.60	16 6.60
17 7.30	18 6.40	19 16.80	20 20.60	21 7.70	22 20.50	23 14.00	24 16.30
25 11.90	26 9.70	27 16.20	28 6.90	29 6.90	30 15.30	31 16.10	32 17.60
33 8.00	34 13.30	35 7.30	36 16.80	37 20.80	38 8.50	39 18.70	40 7.90
41 15.20	42 14.00	43 5.30	44 17.80	45 15.50	46 15.50	47 21.10	48 12.10
49 17.30	50 13.50	51 11.80	52 14.10	53 11.20	54 15.00	55 12.10	56 16.10
57 8.50	58 19.80	59 11.30	60 14.20				

FORESTRY COMMISSION RESEARCH - STATISTICS(N)

Experiment	Brechfa 15	/81	Dataset number	5462
Species	VAR		Program	BASAR
Assessment	B.H.D. (CMS)		Branch	SILV
Date of assessment	1989-02-27		Processed by	LR
Project number	38		Date processed	1992-03-13

Plot area = 0.020000 ha

Table of basal area in m²/ha, and no. of trees per plot

Treatments	1	Total	Blocks Mean
1	49.59	49.59	49.59
	21		
4	47.18	47.18	47.18
	31		
6	57.49	57.49	57.49
	39		
7	59.36	59.36	59.36
	33		
10	87.54	87.54	87.54
	33		
11	90.38	90.38	90.38
	22		
14	33.56	33.56	33.56
	23		
16	60.51	60.51	60.51
	24		
17	61.49	61.49	61.49
	26		
19	37.79	37.79	37.79
	48 - 35 = 13 THINNINGS ✓		
21	40.63	40.63	40.63
	49 - 29 = 20 THINNINGS ✓		
23	48.88	48.88	48.88
	56 - 33 = 23 THINNINGS ✓		
24	45.59	45.59	45.59
	41 - 28 = 13 THINNINGS ✓		
29	45.26	45.26	45.26
	45		
40	45.21	45.21	45.21
	31		
50	56.25	56.25	56.25
	38		
56	49.63	49.63	49.63
	60 - 43 = 17 THINNINGS ✓		
57	28.83	28.83	28.83
	66 - 44 = 22 THINNINGS ✓		
75	38.11	38.11	38.11
	70 - 44 = 26 THINNINGS ✓		
82	48.44	48.44	48.44
	80		
90	61.30	61.30	61.30

	43	- 28	=	15 TREES ✓
114	37.37	37.37		37.37
	52	- 36	=	16 TREES ✓
Total	1130.39	1130.39		

Mean	51.38			51.38
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