***Eucalyptus globulus* thinning x fertilizer growth trial (SPP No. HE/0026)**
Lotons
Gibbs Road
Boyup Brook

Established September 1998

Officers: Stuart Crombie (CALMScience)
John McGrath (CALMScience)

Purpose – Comparative growth and water use of thinned (1200, 600 and 300 stems ha^{-1}) and fertilized (45, 125, 250 400 kg N ha^{-1} plus base P, K, Mn, Zn, Cu, Mb, B)

Management – No management operations to be carried out
No control burns, no fertilizer, no weed control.
inform Stuart Crombie or John McGrath of any management operations to take place on-site.

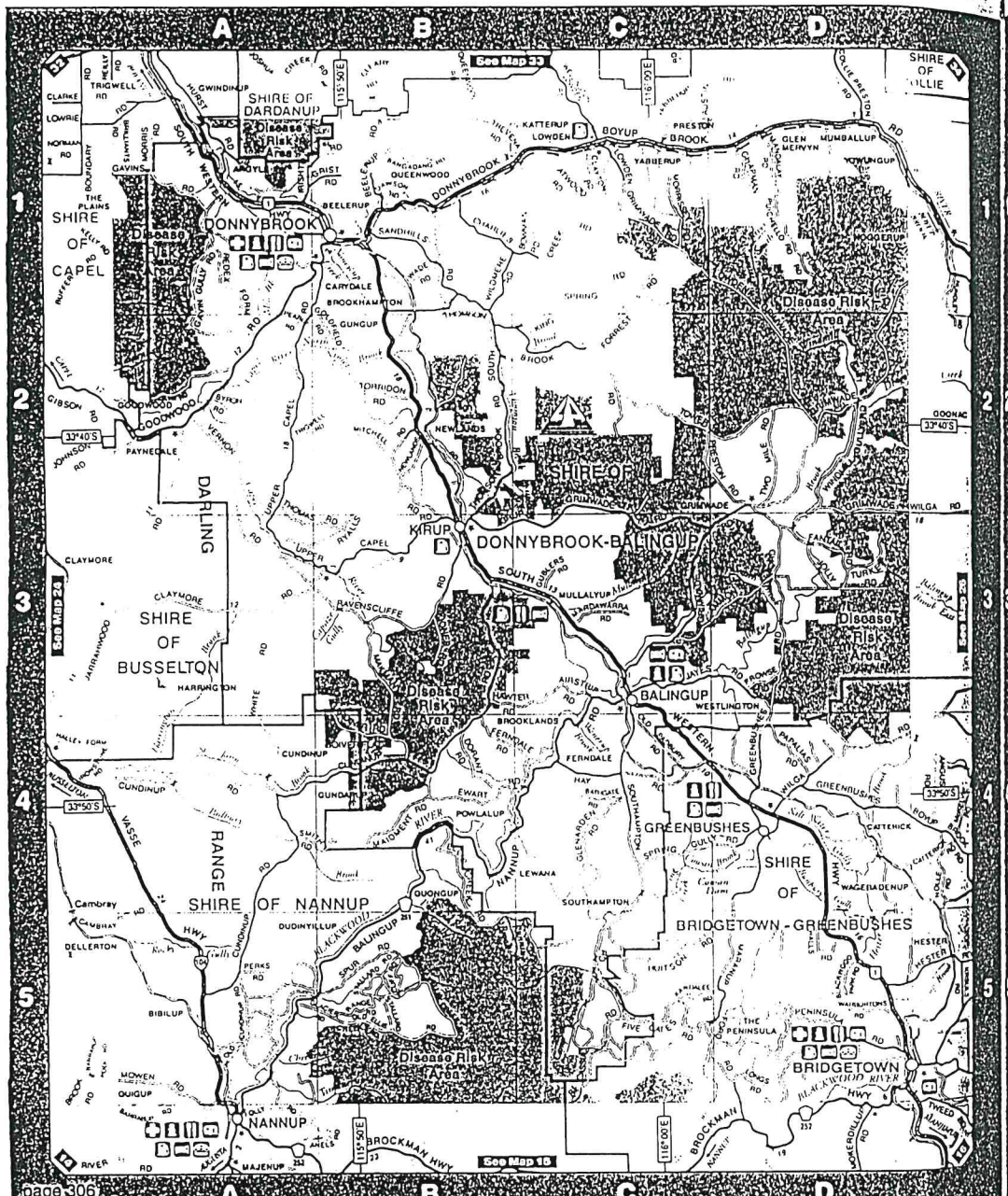
TAKE CARE AT FLOODED CULVERTS AND RIVER CROSSINGS - MONITOR THE FLOW OF WATER AND BE SURE YOU CAN COMPLETE THE CROSSING.

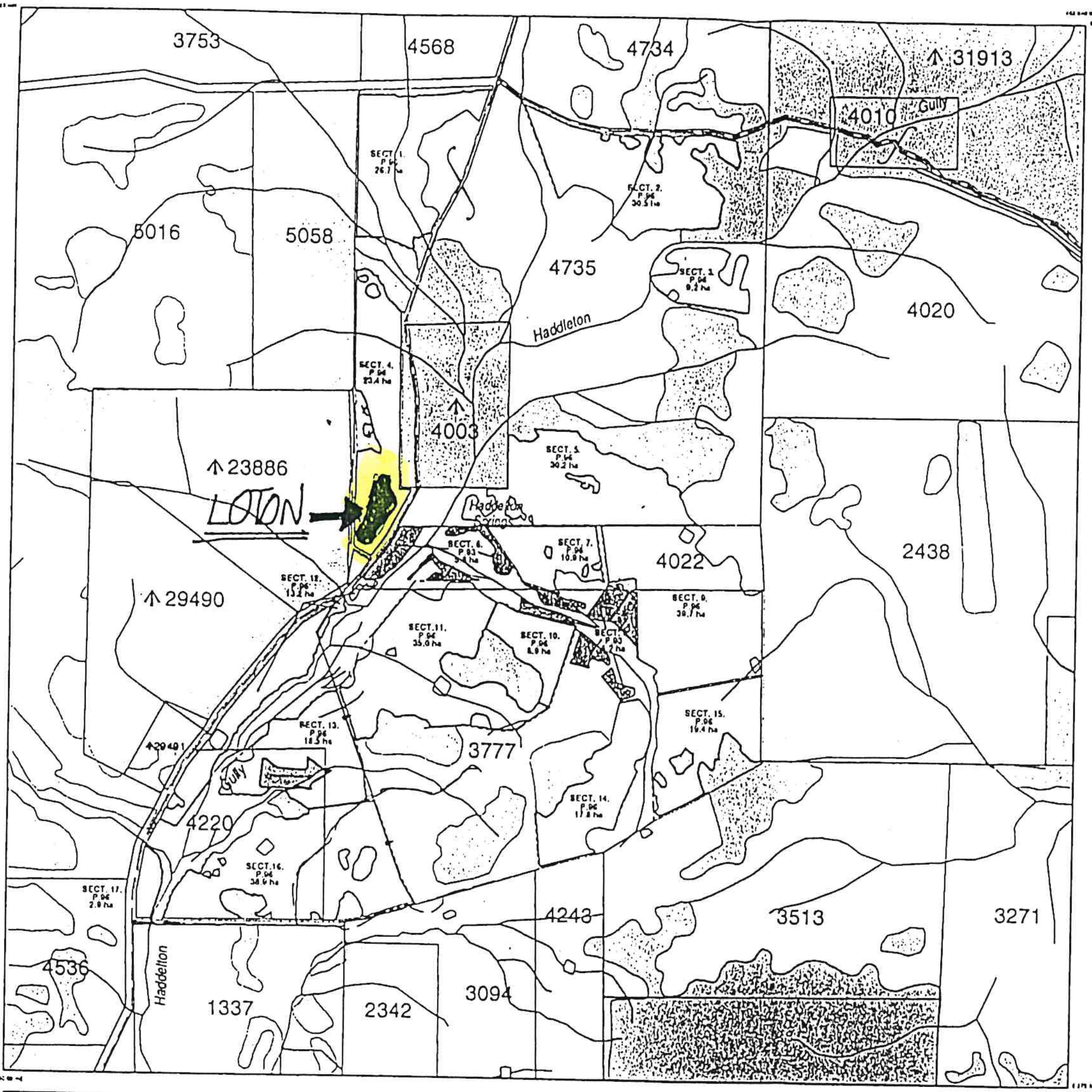
MAIN ROADS Western Australia

For more detail see the StreetSmart Blackwood Valley touring map.

FOR ALL ROAD CONDITION REPORTS, RING MAIN ROADS INFORMATION LINE - 1800 013 314

MAIN ROADS Western Australia





CALM SHAREFARMS LOWER WEST

LOTON

Wellington Loc.4022,3777.
Wellington Loc.4220, 4735.

PLANTATION PLAN LEGEND

- P.96 TREE CROP AREA E.globulus G.P.S. CAPTURE.
- ESTABLISHED PLANTING G.P.S. CAPTURE.
- EXISTING BUSH G.P.S. Capture inside tree crop area only.
- SALT AFFECTED G.P.S. CAPTURE.
- PRIVATE PLANTING EUC. GLOBULUS
- CALM PLANTING
- FENCE
- CADASTRAL BOUNDARY G.P.S. CAPTURE
- SEALED ROAD
- UNSEALED ROAD
- POWERLINE, PYLON
- SWAMP
- DAM
- WATER POINT
- BUILDINGS
- CADASTRAL BOUNDARY NON G.P.S. CAPTURE

STATISTICAL REPORT

Categories	Area (ha)
P.93 TREE CROP AREA	14.0
P.96 TREE CROP AREA	325.2
TOTAL AREA	339.2

SHIRE: WEST ARTHUR
MAIN ACCESS ROAD: GIBBS ROAD
FIRE CONTROL DETAILS
OWNER:
CONTACT:
FIRE CONTROL CONTACTS:
1.
2.
3.
FIREBREAKS
10m BOUNDARY
10m ADJOINING 1st CLASS ROADS
10m ADJOINING 2nd CLASS ROADS
6m INTERNAL BETWEEN COMPARTMENTS
6m INTERNAL

DEPARTMENTAL PLAN FOR OPERATIONAL USE ONLY.

Part of DOLA 1/50 000 map: COLLIE
Part of DOLA 1/25 000 map: 2230-IV-SW

G.P.S. (Global Positioning System).

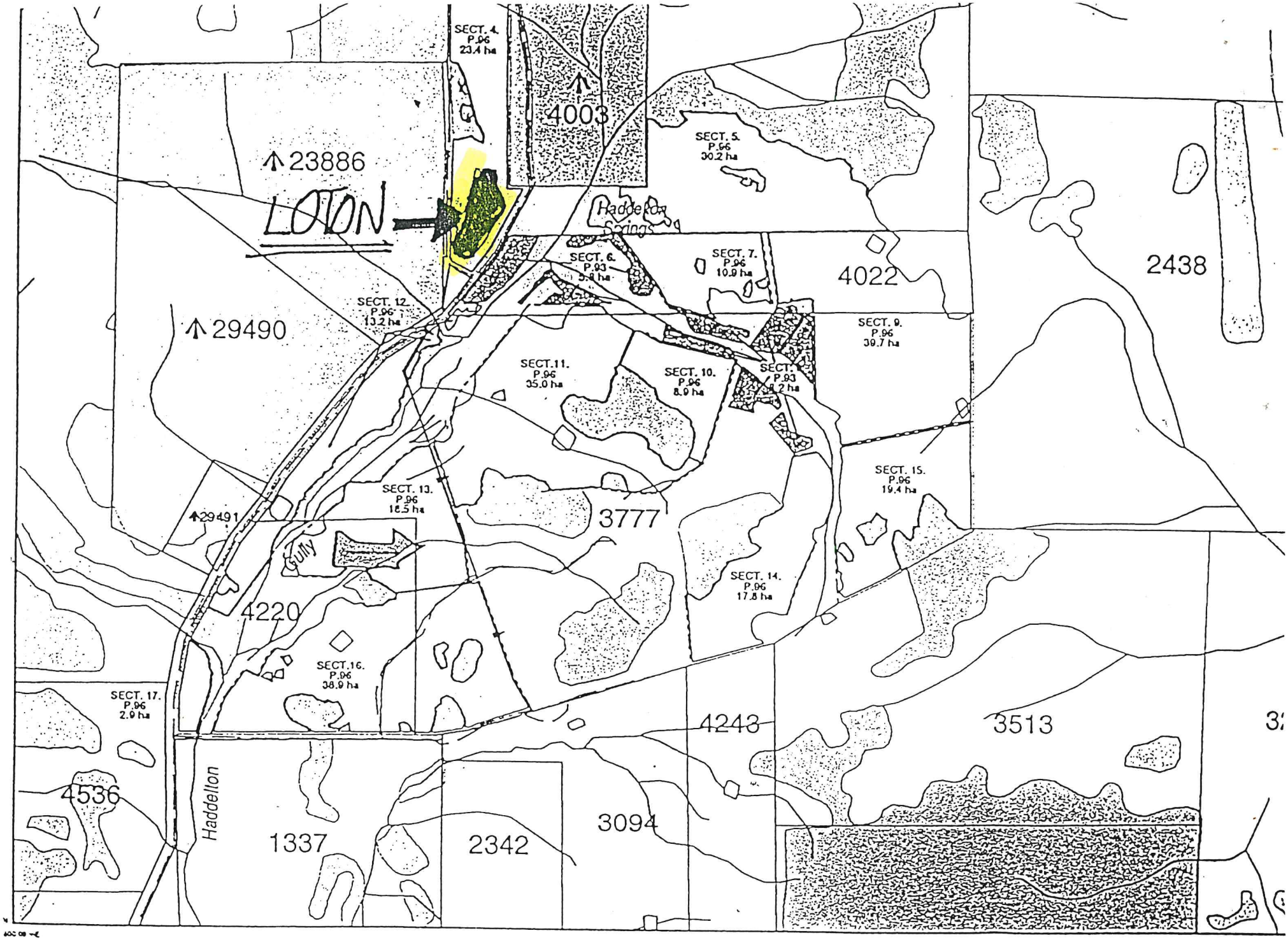
G.P.S. Surveyed By: JOHN MOSAJ	Date: MAY 96
Plan Ammended By: C.B.DAVIES	Date: DEC 96
Plan Checked By:	Date:

SCALE 1:25 000

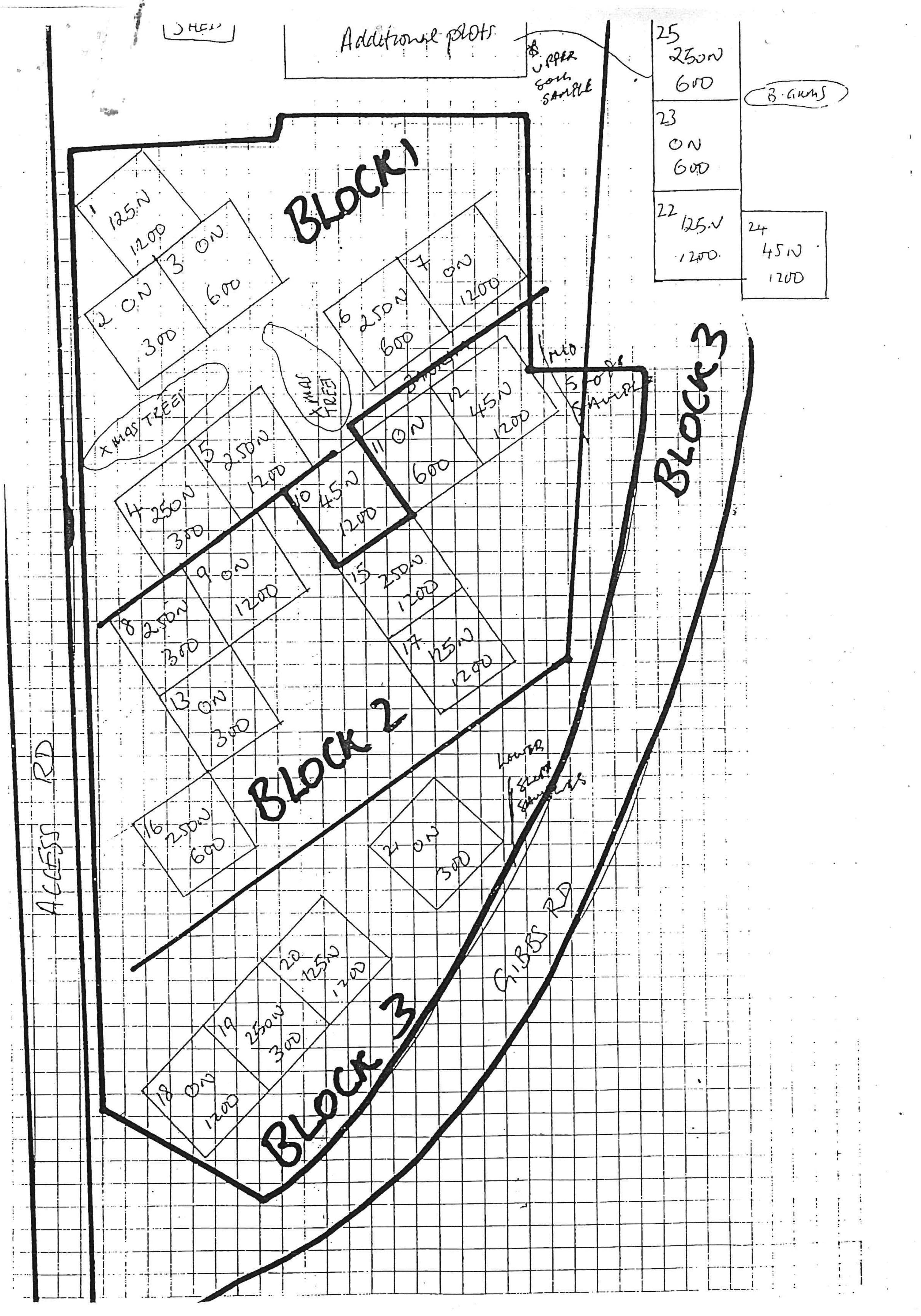
1000 800 600 400 200 0 500 1000 metres

PROJECTION
HORIZONTAL DATUM
VERTICAL DATUM

CALM
CONSERVATION and LAND MANAGEMENT

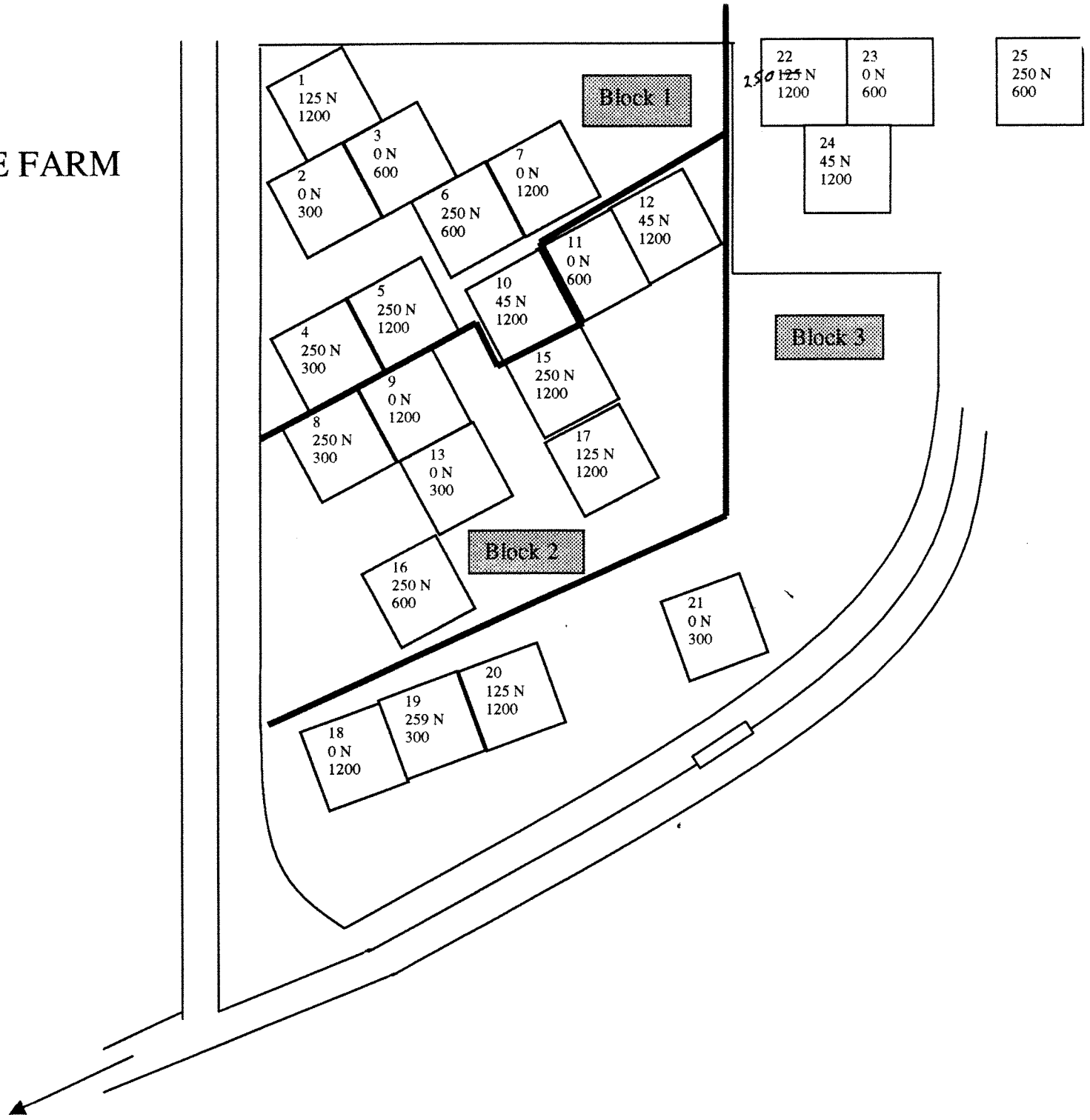


Part of DOLA 1/50 000 map: COLLIE



SHED
Additional plots
UPPER Soil SAMPLE
25 250N 600
B. GUMS
23 ON 600
22 125N 1200
24 45N 1200
BLOCK 1
1 125N 1200
2 ON 300
3 ON 600
6 250N 600
7 ON 1200
XMAS TREES
XMAS TREE
5 250N 1200
4 250N 300
10 45N 1200
11 ON 600
12 45N 1200
BLOCK 3
8 250N 300
9 ON 1200
15 250N 1200
17 125N 1200
13 ON 300
BLOCK 2
16 250N 600
21 ON 300
LOWER Soil SAMPLES
ACCESS RD
GIBBS RD
20 125N 1200
19 250N 300
18 ON 1200
BLOCK 3

LOTON'S TREE FARM



DATA SUMMARY LOTONS PLANTATION 21/10/98

	HEIGHT	DIAM	PDWP
PLOT 1	5	6.2	2.8
PLOT 2	4.9	6.3	3.8
PLOT 3	4.7	6.4	3.9
PLOT 4	5.1	7.5	3.3
PLOT 5	4.6	5.9	4
PLOT 6	3.9	4.9	3.2
PLOT 7	7.2	4.4	3.1
PLOT 8	5.9	7.2	3.2
PLOT 9	5.3	6.5	4.3
PLOT 10	3.7	4.4	3
PLOT 11	4.2	5.8	3.1
PLOT 12	3.5	4.2	2.9
PLOT 13	5.7	7.5	2.16
PLOT 15	4.7	6.2	2.5
PLOT 16	6.1	7.7	2.8
PLOT 17	5.4	6.9	2.9
PLOT 18	6.6	7.5	1.9
PLOT 19	6.4	8.5	2.9
PLOT 20	6.4	8.3	2.5
PLOT 21	5.3	7	1.8
PLOT 22	5.8	7.1	3.2
PLOT 23	6.1	7.9	2.5
PLOT 24	5.8	6.9	2.6
PLOT 25	6.8	8.8	3.6

LOTONS PREDAWN WATER POTENTIALS 21/10/98

PLOT	PSI	PLOT	PSI	PLOT	PSI	PLOT	PSI
1	3	7	2.5	13	2.2	20	2
	2.5		3		3		2.4
	2.5		3.5		2.6		3.6
	3		4.5		1.6		1.8
	3		2		1.4		2.8
AVG	2.8		3.1		2.16		2.52
2	4	8	3	15	3	21	2.6
	3		2.5		2		1.4
	4.5		3		3		2
	4		4		2.5		1.6
	3.5		3.5		2		1.6
AVG	3.8		3.2		2.5		1.84
3	4.5	9	4.6	16	3	22	3.2
	4		3.6		2.5		3.4
	3.5		4		4		3.2
	4		3.6		2.5		3.4
	3.6		5.6		2		2.6
AVG	3.92		4.28		2.8		3.16
4	3.2	10	3	17	3.5	23	2.4
	3.4		3		2		2.2
	2.8		3		2.5		2.6
	3.2		2.5		3.5		2.6
	4		3.5		3		2.8
AVG	3.32		3		2.9		2.52
5	3	11	3	18	2.2	24	2.6
	4.5		2		2.4		2
	5		2.5		1.6		1.8
	3.5		3.5		1.2		4.4
	4		4.5		2.2		2.2
AVG	4		3.1		1.92		2.6
6	3	12	2.5	19	3.6	25	4.8
	3		2		1.6		2.4
	3.5		4		3.4		3.6
	3		3		2.6		2.6
	3.5		3		3.4		4.4
AVG	3.2		2.9		2.92		3.56

LOTONS PLANTATION HEIGHT AND DIAMETER DATA 21/10/98

pl1		ht	pl2		ht	pl3		ht	pl4		ht	pl5		ht	pl06
7.5		6.3	8.1		5.5	5.5		5	9.5		5.5	6.7		4.4	5.5
10.1		6.6	6		5.1	8.5		5.5	1.3	1.1	2.1	8.7		5.4	1.3
1.6		2.7	5.2		4.3	1.3	1.1	1.9	4.3		3.9	7.1		5	4.5
6.4		6	7.9		4.9	4.9		4.4	10.5		6.3	0		0	8.6
7.9		6.1	7.7		5.4	10.9		6.3	10.3		5.8	9.4		6.6	8
7.3		6.4	6.7		5	4.5	4	4.7	5.3		3.7	8.1		6.1	7.5
7.5		6.5	2.7		2.8	6.3		4.4	6.8		5.1	6.3		5.2	4.2
6.5		5.7	5.9		4.2	9.1		4.5	8.1		5.3	6.7		5.1	3.5
3		3.5	8.2		5.3	2.6		2.5	8.5		5.9	5.5		4.2	4.3
8.4		6.3	5.1	2.3	4.8	3.3		3.5	8.6		6.1	4.2		3.5	4.1
5.5		5.7	8.9		5.8	3.9		3.5	9.1		6.6	4.9		4.3	5.4
8.7		5.7	5.2		5.1	4.6		3.4	7.481818		5.118182	8.6		5	4
5.9		5	4.5	3.2	5.2	9.7		5.7				1.1		1.8	3.3
8.9		5.7	7.3		6	4.6		4.6				5.3		4.7	5.1
7.2		5.3	6.385714		4.957143	9.1		6				8		5.9	0
8.6		6.1				5.7		4.7				7.9		6	6.6
8.3		5.7				5.8		5.1				2.9		3.1	4.3
7		5.6				6		5.5				5.2		4.1	3.5
4.4		4.6				6.5		5.6				4.4		4.5	4.9
7.5		5.3				9.1		6.6				7.2		4.9	5.9
7.5		5.8				7.3		6				6.4	1.8	4.5	1.8
8		6.5				9.9		4.7				5.3		5	4.8
6		5.8				7.2	3.1	4.731818				6.5		5.2	8.4
6.6		4.6				6.2						2.3	2.2	2.4	4.4 3.1
4.3		3.7				9.4						8.5		5.5	8.2
0.8		1.5				8.1						6.9		5.1	5.7
0.8		1.5				4.2						7.1	3.9	5	4.1
7.5		6				6.451852						2		2.4	6.3
6.1		5.2										6.7		4.7	4.935714
5		4.3										7.7		5.6	
4.8		4.1										5.9		5	
5.8		4.9										8.2		5.7	
4.4		3.7										3	1.7	3.1	1.1
3.2		3.5										5.6		5	
2	0.9	2.7										7.7		5.3	
8.5		5.5										2		2.6	
6.8		5.6										7.6	8.3	6.4	
7		6.6										6		5.1	
7.8		5.5										7.5		6.2	
4.8	4.9	4.8										6.8		5.6	
5.2		4.4										8.2		6.4	
3.1		3.5										4		3	
6.9		5.4										7		4.3	
6.8		5										3.7		3.4	
9		6.3										2.7		3.2	
8.6		6										7.8		4.9	
6.206522		5.069565										5.897826		4.573913	

ht06	pl07		ht07	pl08		ht08	pl09	ht09	pl10		ht10	pl11	ht11	pl12	ht12	pl13
4.8	6.4		5.5	7.1		5.8	7.8	5.9	5		3.7	6.8	5.2	6.3	4.1	5.1
1.8	7.3		5.7	6.6		4.9	3.1	3.1	0		0	3.7	2.7	3.3	3.2	10.1
3.8	5.3		4.9	6.2		5.7	3.8	2.8	8		4.9	0	0	5.8	4.4	9.6
5.6	5.5		5.4	7		6	9	5	3.8		3.3	6.8	5.6	4	3.6	7.6
5.6	5.9		5.3	9		7.2	6.3	5.5	5.8		4.7	6.2	4.7	4.4	3.4	8.4
4.5	3.8		4.5	6.4		6.1	2.8	3	0		3.7	9.5	5.4	0	0	8.7
3.6	9.2		5.3	6.4	4.1	5.9	7	5	9.4		6	7.1	5	5.6	3.6	7.3
3.2	0		0	7.9		6.1	8.1	5.9	6.2		4.9	6.5	4.2	4.2	3.2	10.3
4.2	3.8		3.5	6.5		6.1	4	3.7	3.1		2.8	2	2.2	4.1	2.8	6.5
3.2	6.5		5.2	7.4		5.3	6.1	5.3	4.7		3.5	4.6	3.7	4.4	3.6	10.1
2.8	6.3		5.4	7.5		6.1	4.6	4.1	3.8		3.2	6.4	5.4	5.2	3.6	4.8
4.1	7.6		5.5	8.2		6	8	6.5	2.4		2.4	3.8	3.1	5.1	3.7	4.9
1.9	3.6		3.5	7.183333		5.933333	2.2	3	5.5		4.6	3.8	4.1	5.8	4.3	9.8
4.9	6.8		5.4				2.6	2.4	2.2		2.4	6	5.2	7	4.1	5.2
1.4	5.1		4.1				7.8	5.5	2.3	2.5	2.8	7.6	4.8	1.7	4.6	8.5
4.1	0		1.9				7.7	6.8	4.8	2.6	3.7	7.4	4.6	4.7	2.2	5.1
4.5	0		0				4.8	5.2	5.6	3.2	4.7	8.8	6.2	5.8	3.5	5
4.5	0		0				8.7	5.7	6.2		4.7	11	5.8	6.6	4.3	7.470588
2.3	1.9		2.3				6.3	5.1	7.1		6.2	7.1	6	3.3	5	
4.8	6		4.4				7.5	5.9	5.1		3.9	10	4.7	1.4	3.4	
2.3	5.8		4.5				4.5	4.1	4.1		4.4	5.1	4.4	6.1	2.4	
4.8	5.1		4.6				4	4.5	4.1		4	4.6	4	7.8	5.1	
5	3.7		3.1				10.9	7.3	6.3		5	4.5	3.6	4.3	5.8	
4.4	4.7		3.8				6.2	5.7	0		0	5.6	3.6	0	3.4	
5.2	3.5		3.8				5.8	5	5		3.6	1.8	2.1	4.3	1.3	
4.5	4.7		3.1				8	6.4	2.9		2.9	5	4.1	6.1	3.6	
3.2	2.4		2.4				7.2	6.2	0		1.8	5.834615	4.246154	4.2	4.7	
4	7.1		4.6				7.6	5.6	7.1		5.8			2.8	3.2	
3.892857	5		5				8.3	7.1	3.3		3.2			4.5	1.9	
	5.4		3.6				7.1	5.6	4.5		3.5			6.2	2.9	
	0		1.7				9.3	7.5	5.6		3.8			2	3.9	
	4.5		3.8				5.1	5.2	0		0			1	4.4	
	0		1.5				8.3	6.4	4	2.2	4.1			5.1	2.5	
	2.2	1.9	2.9				4.5	5.1	5		5.1			3.7	1.8	
	4.3		3.7				6.2	5.2	7.5		5.4			5.4	5.3	
	5.8		5				10.6	7.1	6.3		4.6			2.2	3.5	
	6.7		5.2				8.2	6.4	0		1.8			5	4.7	
	4.7		3.7				8.6	5.9	4.8		4.1			0	2.2	
	4.6		4.3				4.7	4.3	2.7		2.4			3.8	3.9	
	6.3		4.6				9.9	6.8	5		4.3			4.184615	3.515385	
	2.4		2.7				10	5.6	2.6		2.7					
	7.6		5				0	1.4	6.7		5					
	2.5		2.7				8	6.7	7.5		5.1					
	7.8		5.9				6.539535	5.267442	6.2		4.9					
	0		1.9						3.3		3.8					
	4.1		6						6.3		4.6					
	4.38913		3.845652						4.386957		3.73913					

	ht13	pl15	ht15	pl16		ht16	pl17		ht17	pl18		ht18	pl19	ht19	pl20	ht20
	5	9.3	5	5.6		6	6.3		5.3	8.8		7.6	9.1	6.9	8	7.4
	6	8	6.3	8.6		7	6	5.6	5.8	7.5	5.1	6.7	11.5	5.1	10.1	7.2
	6.6	4.1	4	7.4		6.5	7.1		5.3	7.9		6.4	9.7	7.2	7.8	7.4
	5.8	7.3	5.5	6.8	5.2	6	5		4	7.3		6.4	8.3	6.8	7.9	6.5
	6	8.1	5.7	8.2		6.5	7.7		6.5	8.2		6	8.8	6.3	9.8	6.5
	6	6.5	5.5	4.8		5.9	10.9		6.9	1.7		2	11.5	6.9	8.5	6.5
	4.3	2.6	2.5	8.5		7.2	2.2		3.2	9.1		7.1	8.7	6.8	10.2	6.8
	7.5	8.8	5.3	9.3		7.3	9.4		6.4	8		7.2	10.3	7.3	5.6	4.9
	5.4	9.9	6	9.2		7.5	2.7		3	8.8		7.2	9.1	6.6	10.2	7.1
	7.2	3.9	3.7	10.4		7	8.6		6.8	8.6		6.7	9.1	7.2	10.4	6.9
	4.9	4.7	4	7.6		5.9	9.3		7.3	6.7		5.5	5.8	4.5	9.6	7.6
	4.6	6.9	5.6	0		0	2.7		3.1	7.7		6.5	9.2	6.6	8.5	7.5
	8.2	8.3	5.3	4.4		3.9	9.1		6.6	6.6		5.9	8.2	6.4	8.6	6
4.8	6	5.1	3.6	10.4		7.5	5.7		4.8	6.4		6	8.7	6.8	9.7	7.1
	6	3.6	3.6	8.9		7.1	9.3		5.4	5.9	4.6	5.5	0	4.6	1.5	2.3
	4	1.7	2.4	8.2		6.5	7.9		6.3	6	4.7	6.8	8.533333	6.4	10.5	6.9
	3.3	4.8	4.3	10		6.5	8.6		5.7	7.9	6.9	8.5			7.4	6
	5.694118	5.1	3.7	11		7.3	7.4		5.7	4.5		5.2			9.5	6.9
		6.8	5.1	8.5		5.4	6.9		5.5	3.9	4.8	5			8.2	7
		9.1	5.9	8.4		7	1.8		2.3	8.8		8			9.4	6.3
		5.2	4.8	5.9		4.5	7.8		5.8	5.8		5.5			9.9	6.7
		6.1	5.2	7.9		6	8.8		6.4	8.6		7.2			8.9	7.4
		2.2	2.5	7.727273		6.113636	4.9		4.6	6.4		5.5			9.9	7.4
		3.3	2.2				7.4		5.1	9.5		7.9			6	4.4
		5.9	4.9				6.9		6.3	4.6	4.1	5			8.2	6.1
		3.4	3.2				8.2		5.3	8.3		6			6.5	5.9
		7.2	5.2				4.2		4.1	8.9		7			9.5	7.3
		7.1	5.3				7.3		4.8	7.3		6.8			8.8	6.6
		1.9	2.5				3.9		5.2	5		5			7.5	5.9
		9.2	5.9				6.2		3.5	8.6		6.5			8.2	7.1
		8.5	5.9				8.2		4.7	9.7		7.4			6.4	5.9
		8.5	5.9				7.8		6.1	7.2		7.3			9.2	6
		8	5.7				8.1		6.4	8.3		7.3			7.4	5.6
		5.4	3.8				7		6	8.9		7.8			9.6	7.1
		8.2	5.4				7.8		5.6	6		5.9			8.4	6.5
		4.6	4.1				7.3		6.2	8.3		7.2			8.7	6.7
		7.2	5.8				7.5		6.5	6.4		6.8			8.9	7
		8.1	7				8.6		6.6	7.6		6.5			7.6	6.8
		5.5	4.8				4.8		6.7	6.9		6			10	7.5
		5.6	4.7				5.9		5	7.5		7.3			4.8	3.2
		8	5.6				8.7		5.8	9.3		7.5			10.9	6
		7.8	5.1				6.87561		5.429268	7.1		6			6.6	5.9
		6.22619	4.72619							5.5		5.8			6.8	6.7
										9		7.4			11.2	8.8
										9.7		8.4			5.4	5.2
										7.7		6.7			4.5	4.8
										9.8		6.7			10.2	8
										8.2		7.8			8.1	6.3
										10.5		8			6.2	5.8
										5.2	4.9	6			8.279592	6.436735
										9.4		8				
										7		5				
										7.471154		6.565385				

pl21	ht21	plot22		ht22	plot23		ht23	pl24		ht24	plot25		ht25
6.2	5	7		6	7.8		6	7.5		6.5	7.1		6.3
5.6	5	6.8		6.2	7.3		6.2	8.9		6.5	10		5.9
8	5.2	7.8		5.5	8		6.2	4.3		4.5	9	8.8	7.6
7.2	6.5	5.7		5	8.5		6.3	0			8.2	6.1	7.3
8.4	6	7		5.9	8.5		5.5	8.3		5.7	8.7		7
7.4	5.6	7.1		5.9	7.6		5.9	8.4		6.3	7.7		6.8
8.9	5.9	7.4		6.1	8		5.5	8.1		7	8.6		6.5
5.8	4.6	7.9		6.9	8.6		7	6.5		5.6	9.6		7.6
4.4	3.9	5.8		4.9	8.2		7	9.7		6.6	9.2		7.1
7.3	4.8	7.9		6.3	5.3	4.8	5.4	7		5.9	10.6		7.7
5.4	5.6	6.4		5.5	6		5	0			10.2		7.3
9	5.3	6.1	5.5	5.1	6.3	7.2	5.8	2.6		3	8.9		7
6.966667	5.283333	6.1	4.5	5.7	7.2		6.7	5.9		5.1	9.1		6.3
		8		6.4	6.6		5.2	7.7		5.7	8.6		7.4
		4.7		5	8.3		6	8.9		6.6	8.4		6.8
		8.7		6.7	9.3		6.9	8.8		6	9.8		7.2
		8.4		7	9		6.9	6.6		5.7	9.3		7.2
		8.4		6.5	7.3	6	6	9.7		6	8.3		6
		7.5		6.6	10.1		6.7	7.8		6	8.2		6.4
		6.2		6.2	11.1		7.3	3.9		4	4.3	2.9	4.5
		8.1		5.6	8.2		5.7	3.5	3.2	5.8	11		7.5
		8.5		5.7	6.6		5.5	8.3		6.4	8.8		6.828571
		7.8		5.9	9.1		6.3	3.8	3.2	4.6			
		3.3		3.2	7.6		5.8	6.5		5.8			
		7.5		6.1	6.8		5.8	9.2		5.4			
		5.5	4.9	5.6	9		7.2	11.1		7.4			
		7		5.5	7.934615		6.146154	6.7		6.2			
		7.2		6				11.1		7.4			
		7		5.7				6.6		6.5			
		7.1		5.9				9.1		5.8			
		7	4.8	6				4.7		4.5			
		7.6		6.1				5.1	6.5	6.4			
		8.1		5.8				9		7.1			
		8.1		5.9				7.6		6.3			
		7.5		6.4				8.8		6.2			
		8.3		5.8				8.3		5.8			
		6.1		5.3				8.7		6.1			
		7.6		6				9.1		6			
		3.5		3.3				3.2	2.8	4.3			
		8.9		6.5				6.948718		5.856757			
		8.5		7.6									
		7.9		6.5									
		6.9		5.8									
		8		6.1									
		7.9		6.1									
		3.8		4.2									
		8.5		6.5									
		6.1		5.5									
		7.2		5.7									
		8		6.4									
		7.108		5.842									

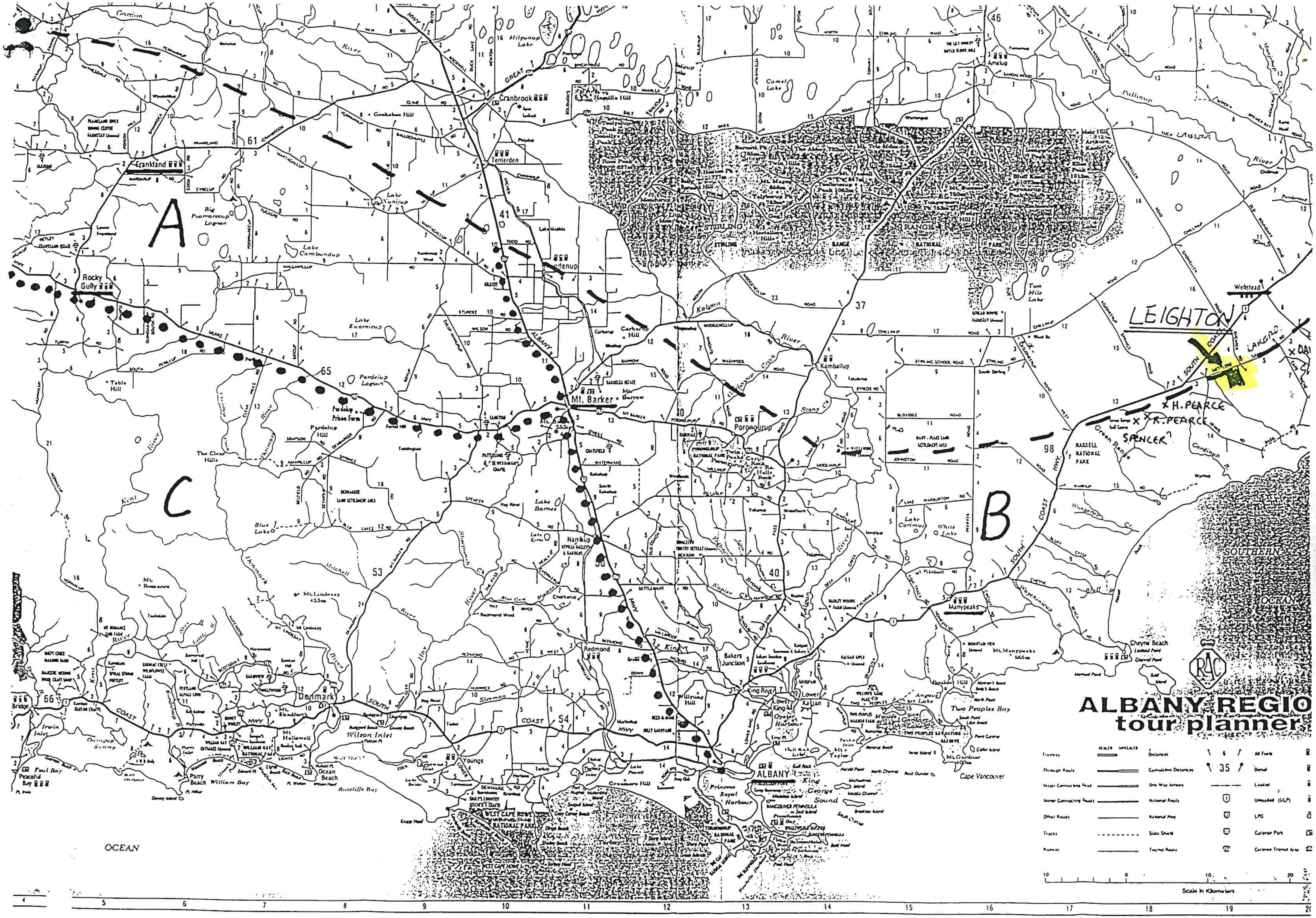
***Eucalyptus globulus* thinning x fertilizer growth trial (SPP No. HE/0026)**
Leightons
Black Gin Station
Metler Road
Wellstead, Albany

Established September 1998

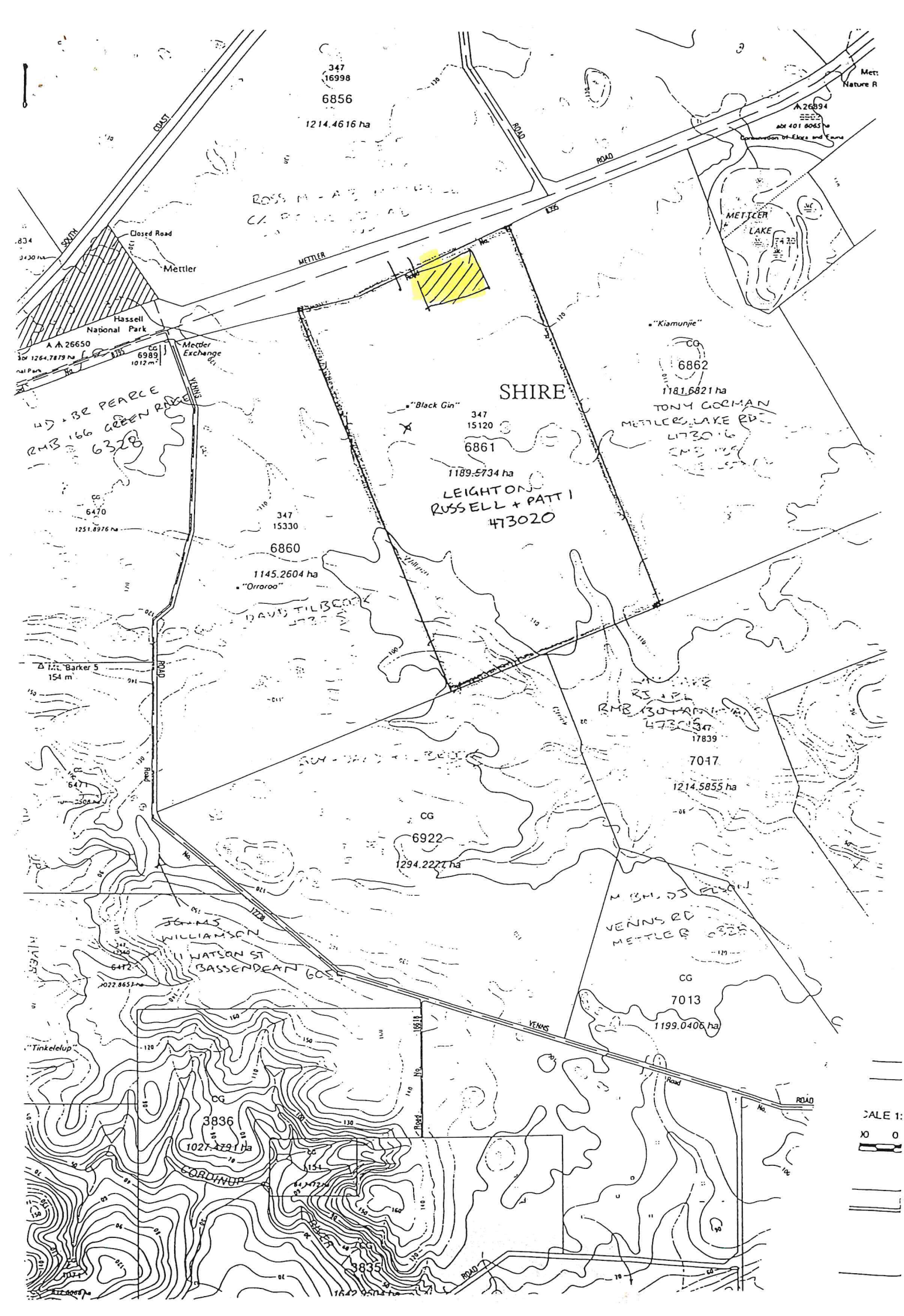
Officers: Stuart Crombie (CALMScience)
John McGrath (CALMScience)

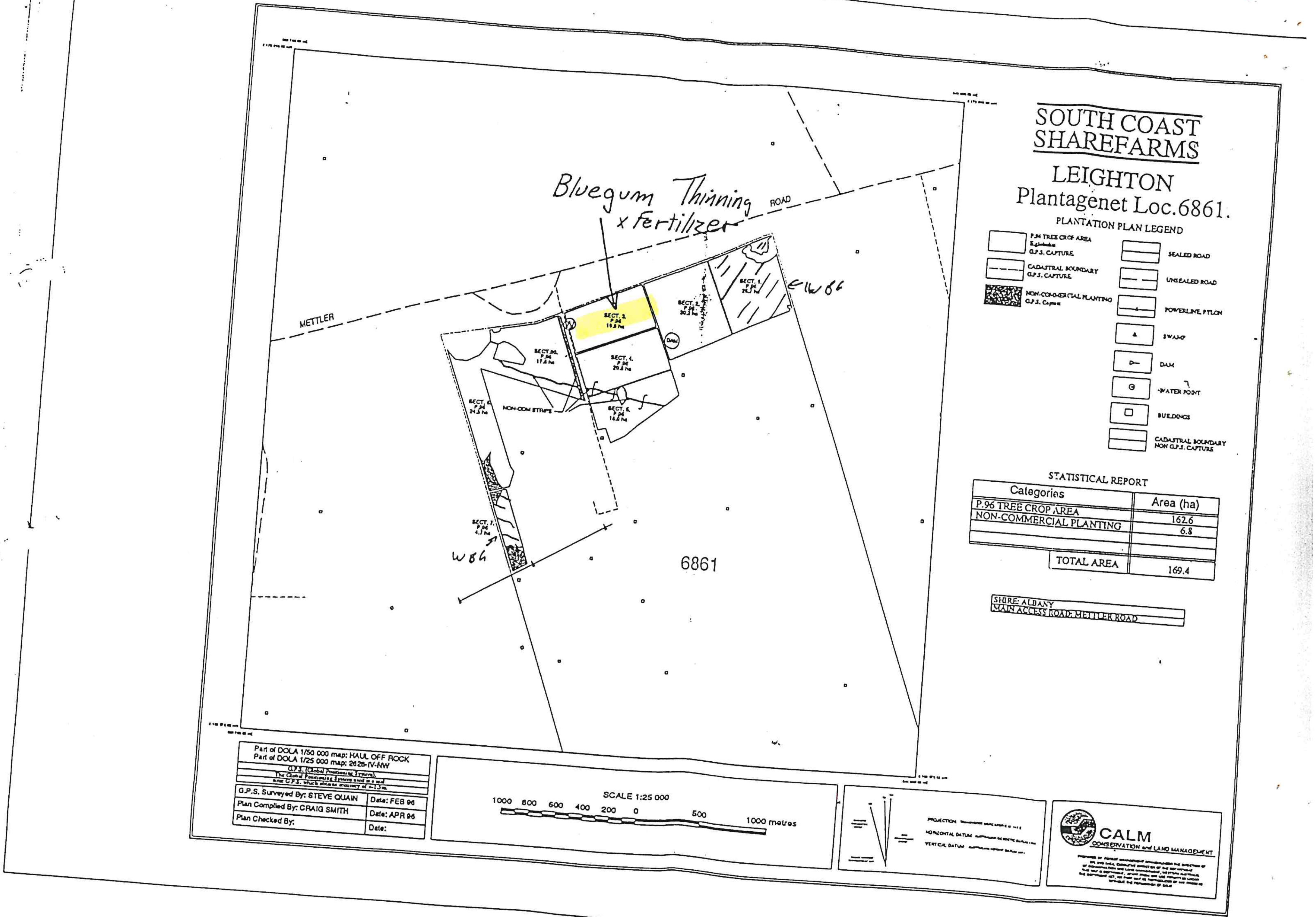
Purpose – Comparative growth and water use of thinned (1200, 600 and 300 stems ha^{-1}) and fertilized (45, 125, 250 400 kg N ha^{-1} plus base P, K, Mn, Zn, Cu, Mb, B)

Management – No management operations to be carried out
No control burns, no fertilizer, no weed control.
inform Stuart Crombie or John McGrath of any management operations to take place on-site.

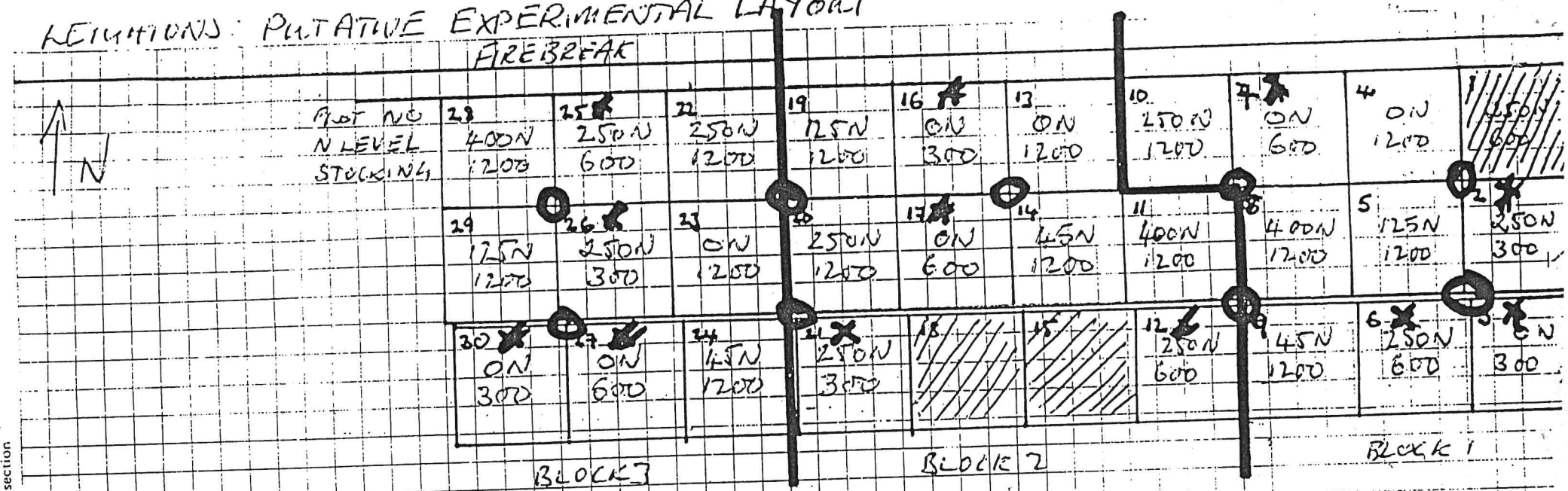


ALBANY REGIO
tour planner
RAC
LEIGHTON
A
B
C
x H. PEARCE
x R. PEARCE
SPENCER?
Frankland
Rocky Gully
Cranbrook
Tenterden
Kendenup
Mt. Barker
Porongurup
Kamballup
Narrikup
Redmond
Denmark
Manypeaks
Wellstead
Amelup
Youngs
Bakers Junction
ALBANY
King George Sound
Princess Royal Harbour
Two Peoples Bay
Cheyne Beach
Cape Vancouver
Wilson Inlet
Irwin Inlet
Peaceful Bay
Parry Beach
William Bay
Ocean Beach
Lake Muir
Lake Unicup
Lake Carabundup
Lake Kwornicup
Lake Barnes
Blue Lake
Lake Cordinup
White Lake
Two Mile Lake
Camel Lake
Pardelup Prison Farm
STIRLING RANGE NATIONAL PARK
WEST CAPE HOWE NATIONAL PARK
WAYCHINICUP NATIONAL PARK
SOUTHERN OCEAN
OCEAN
GREAT SOUTHERN HWY
ALBANY HWY
SOUTH COAST HWY
MUIRS HWY
Kalgan River
Pallinup River
Kent River
Hay River
Mitchell River
Denmark River
Scale in Kilometres


347
16998
6856
1214.4616 ha
COAST
ROAD
Closed Road
Mettler
METTLER
Hassell
National Park
Mettler
Exchange
VENNS
SHIRE
"Kiamunjie"
CG
6862
1181.6821 ha
TONY GORMAN
METTLERS LAKE RD
"Black Gin"
347
15120
6861
1189.5734 ha
LEIGHTON
RUSSELL + PATTI
473020
METTLER
LAKE
347
15330
6860
1145.2604 ha
"Orroroo"
DAVID TILBROOK
6470
1251.8976 ha
Barker 5
154 m
RMB 166 GREEN RACE
6328
347
17839
7017
1214.5855 ha
CG
6922
1294.2221 ha
6471
6472
JOANNE
WILLIAMSON
11 WATSON ST
BASSENDEAN 6054
VENNS RD
METTLER
CG
7013
1199.0406 ha
"Tinkelelup"
CG
3836
1027.4791 ha
CORDINUP
CG
3835
ROAD
SCALE 1:


Bluegum Thinning
x Fertilizer
SOUTH COAST
SHAREFARMS
LEIGHTON
Plantagenet Loc.6861.
PLANTATION PLAN LEGEND
P.96 TREE CROP AREA
G.P.S. CAPTURE
CADASTRAL BOUNDARY
G.P.S. CAPTURE
NON-COMMERCIAL PLANTING
G.P.S. Capture
SEALED ROAD
UNSEALED ROAD
POWERLINE, PYLON
SWAMP
DAM
WATER POINT
BUILDINGS
CADASTRAL BOUNDARY
NON G.P.S. CAPTURE
STATISTICAL REPORT
Categories
Area (ha)
P.96 TREE CROP AREA
162.6
NON-COMMERCIAL PLANTING
6.8
TOTAL AREA
169.4
SHIRE: ALBANY
MAIN ACCESS ROAD: METTLER ROAD
METTLER
ROAD
NON-COM STRIPS
E W 86
W 86
6861
Part of DOLA 1/50 000 map: HAUL OFF ROCK
Part of DOLA 1/25 000 map: 2628-IV-NW
G.P.S. Surveyed By: STEVE QUAIN
Date: FEB 96
Plan Compiled By: CRAIG SMITH
Date: APR 96
Plan Checked By:
Date:
SCALE 1:25 000
1000 800 600 400 200 0 500 1000 metres
CALM
CONSERVATION and LAND MANAGEMENT

KEIMIONS PUTATIVE EXPERIMENTAL LAYOUT

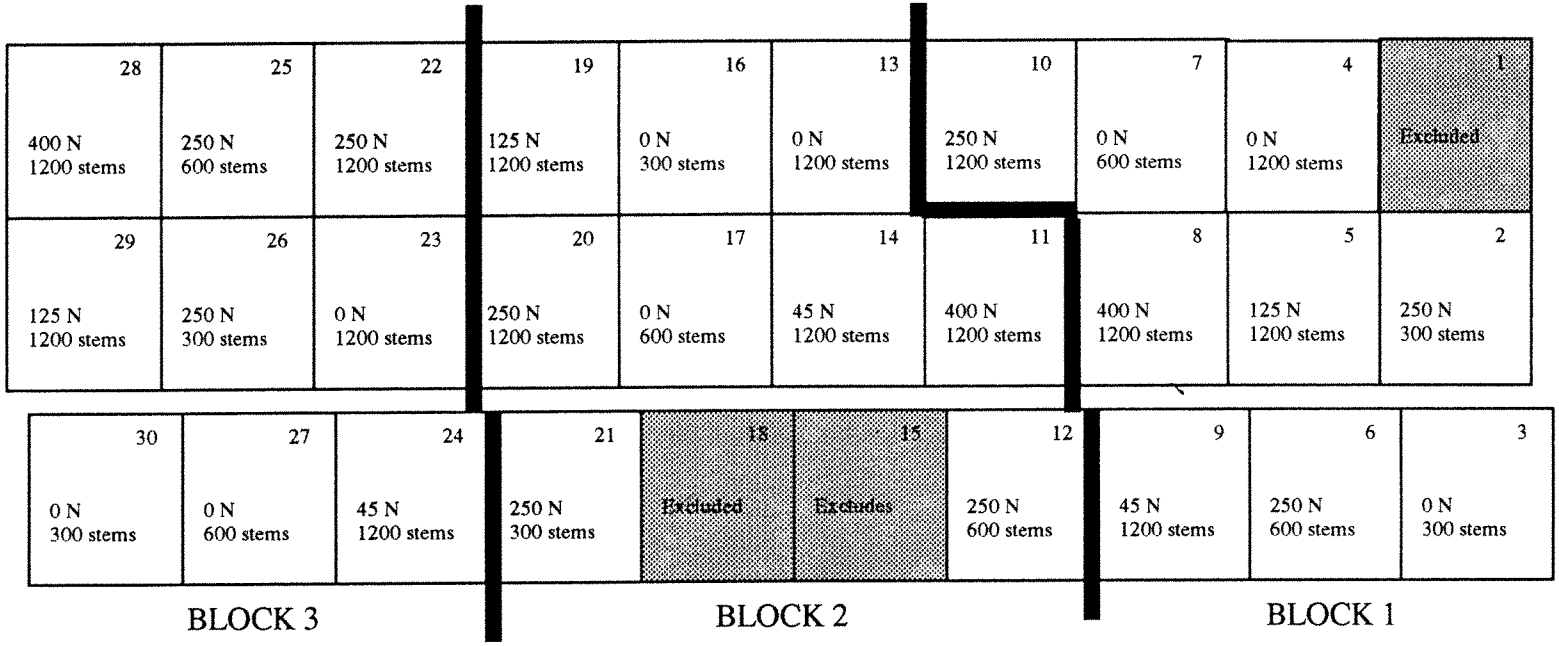


NOTES

LEIGHTON'S TREE FARM

Fence

Plantation Boundary



DATA SUMMARY LEIGHTONS TREE PLANTATION 28 - 30/10/98

	HEIGHT	DIAM	PDWP
PLOT 2	6.25	7.1	
PLOT 3	6.8	8.3	
PLOT 4	6.5	7.9	
PLOT 5	6.7	8.3	
PLOT 6	6.6	8	
PLOT 7	6.5	8.1	
PLOT8	6.6	8.1	
PLOT 9	6	7.1	
PLOT 10	6.7	8.5	
PLOT 11	6.4	7.9	
PLOT 12	8.2	8.4	
PLOT 13	6.3	8.2	
PLOT 14	6.4	8	
PLOT 16	6.5	8.6	
PLOT 17	6.9	8.7	
PLOT 19	6.3	8	
PLOT 20	6.6	8	
PLOT 21	6.5	8.1	
PLOT 22	6.2	7.7	
PLOT 23	5.8	7	
PLOT 24	5.7	6.5	
PLOT 25	6.2	8	
PLOT 26	6.3	8	
PLOT 27	7.7	6.2	
PLOT 28	5.8	6.9	
PLOT 29	6.4	7.8	
PLOT 30	6.3	7.8	

LEIGHTONS PRE DAWN WATER POTENTIALS 30/10/98

plot	psi	plot	psi	plot	psi	plot	
2	4.5	10	4.5	20	1.6	28	3
	3.5		3		1		1.2
	4		3.5		2.4		2.2
	5		3		4		1.4
	4.5		2		3.5		2
AVG	4.3	AVG	3.2	AVG	2.5	AVG	1.96
3	2.6	11	4	21	2.6	29	2.4
	3.6		3		2.6		2
	1.4		4		3		0.8
	1		4.5		3.4		2
	2.6		5		1.6		1.6
AVG	2.24	AVG	4.1	AVG	2.64	AVG	1.76
4	4	12	2	22	2	30	2
	3.5		2.2		2.8		2.4
	3		2.2		1.6		2.4
	3		2		2.2		2.4
	2		2.4		5.6		2.8
AVG	3.1	AVG	2.16	AVG	2.84	AVG	2.4
5	3.5	13	3.5	23	3		
5	3		3		3		
	3		2.4		1		
	3		4.5		2		
	2.5		4.5		3		
AVG	3	AVG	3.58	AVG	2.4		
6	3	14	4.5	24	4		
6	2.6		3		1.2		
	4		2		3		
	2.8		3		4.2		
	2.6		3.8		1.8		
AVG	3	AVG	3.26	AVG	2.84		
7	3	16	3.5	25	2		
	3		2.5		2.5		
	2		2.5		2.5		
	3		3.5		3		
	3.5		3.5		2.5		
AVG	2.9	AVG	3.1	AVG	2.5		
8	3.5	17	1	26	2.5		
	2		2		1		
	4.5		3.6		1.5		
	3.5		4.6		3.5		
	2		1.4		2.5		
AVG	3.1	AVG	2.52	AVG	2.2		
9	3.4	19	2.5	27	1.6		
	3.4		2.5		2		
	2.6		4.5		1.6		
	3		3		3.2		
	2.2		5		2.4		
AVG	2.92	AVG	3.5	AVG	2.16		

pl2d	ht2	pl3	ht3	pl4d	ht4	pl5d	ht5	pl6d	ht6	pl7d	ht7	pl8d	
5.3	530	4.9	5.2	7.7		6.9	10.9	7.8	7.4	5.4	9.2	7.9	9.2	
6.8	5.8	10.5	7.3	10.5		6.7	4.6	4.8	7.9	6.9	9.1	7.9	6.8	
6.7	5.9	9.4	7.9	5.5		5.6	7.7	6.6	9.8	7.5	9	8.1	9.1	
8.4	6.9	10	6.6	9.3		6.8	9	7.7	9.6	6.6	9	7	7.8	
9	7.3	8.6	6.8	9.7		7.3	9.3	7.7	9.6	7	6.9	5.7	9.6	
9	6.7	9.2	7.2	5.8		5.6	5.1	5.2	7.1	6.7	6.7	4.7	8.1	
7.2	5.7	8.3	7.6	8.8		7.2	6.6	6	9.4	7.2	6.7	6.7	5.3	4.1
4.4	6.4	7.2	6.2	7		4.8	9.1	7.2	7.9	7.3	9.5	7.2	7.6	
7.2	6.4	7.8	6	6.8		5.5	10	7.4	7.7	6.1	7.9	6.7	4.6	
5.5	5.6	8.2	6.5	6.5		5.1	9.7	7	8.7	7	6.6	6	8.3	
8.2	6.7	8.1	6.7	8.8		7.1	3.8	4.1	6.7	6.3	9.5	6.7	8.8	
7.9	6.3	9.3	6.2	6.5		5.8	4.1	3.9	8.7	7.3	9.8	6.9	8.4	
7.133333	~~40.975~~	6.7	6	10.5		7.7	7.9	7	9.1	7	8.6	6.6	6.6	
	6.25	8.5	7.7	3.7		4	8.6	7.3	7.6	6.1	7.2	6.3	8.9	
		8.335714	6.783333	9.1		6.7	7.5	6.6	9.2	7	8.7	7.1	8.8	
				8.5		6.4	9	6.6	7.5	5.8	10.1	7.1	6.9	
				8.2		5.8	8.6	7	6.9	6.3	3.6	4.4	6.8	
				5		4.8	8.5	7.3	6.3	5.7	8.9	6.6	8.4	
				6.9	6	6.9	10.9	8.3	6.6	6.8	9.9	7.1	8.3	
				7.2		6.7	7.3	4.7	7.4	6.1	6.8	6.3	9.3	
				9.4		7.2	9	8.3	7.8	6.3	8.6	7.1	6.3	3.5
				7.9		6.3	10.5	7.4	7.9	6.3	4.3	4.4	8.5	
				10.9		7.3	5.9	5.6	8	6.8	8.5	7	7.3	
				8.9		7.3	8.9	7.3	8.5	6.5	11.2	8.2	9	
				4.5	2.4	3.9	8.5	8	9.5	7.2	9.5	6.4	6.9	
				7.3		6.2	9.5	7.3	5.7	4.5	4.7	9.1	7.5	7.1
				9.7		8	6.6	6.1	9.5		8	6.9	3.4	7.7
				9.1		7.4	7.1	5.8	8.7		6.6	9.9	8	5.9
				7.2		7	7.5	5.8	7		6.5	4.6	4.4	8.3
				7.4		6.4	9.9	8.7	9.9		7.1	8.148276	6.531034	9
				9		6.9	8.1	6.7	7.8		6.6			7.7
				9.9		7.6	7.1	6.2	6.7		6			8.3
				6.9	6.8	6.7	10.5	7.8	8.08125		6.584375			7.3
				9.4	0	7.4	3.3	4.2						7.8
				8.5		7	8.5	6.2						7.6
				8.1		7.1	9.5	6.3						8.4
				9.7		7.1	6.2	5.3	4.3					8.5
				9.5		7.1	9.7	7.6						8.1
				10.4		8.1	7.7	5.8						8.4
				6.6	3.2	6.1	10.1	7.2						7.8
				2.4		3.5	9	7.2						9
				8.9		7.3	9.1	7.7						10.2
				7.9		7.1	9	8.1						8.5
				4.7		5	9.6	7.6						8.8
				7		6.3	7.4	6.8						6.1
				7.8		5.9	9.1	6.7						9.5
				7.3		5.8	5.2	5.1						9.5
				9.4		7.9	8.8	7.3						9.6
				9.5		6.8	9.4	7.3						10
				9.2		7.2	9.3	7.6						7.3
				6.5		6	9.2	6.7						9.2
				11.5		8.1	10.2	7.2						8.6
				8		6.8	10.7	7						6.3
				7.969811		6.513208	8.269811	6.741509						9.4
														8.4
														5.8
														9.2
														8.2
														8.7
														7.3
														8.051667

ht8	pl9		ht9	pl10	0	ht10	pl11	ht11	pl12		ht12	pl13		ht13	pl14	
6.8	8.1		6.9	8		5.5	8.4	6.8	7.1	7.2	7.1	10		7.6	8.8	
6.4	9.7		7.2	10.5		7.4	9.1	7	9.3		5.8	6.9		5.5	9.8	
7.5	8.5		7	8.7		6.9	8.8	7.2	6.3		53	6.5		6.2	7.7	
6.7	7.5		5.7	8.1		5.5	6.4	6.5	9		6.9	8.6		6.6	9.9	
8.4	9.4		7.3	6.8		5.9	9.7	7.2	10.6		7.6	7.1		5.5	0	
6.9	2	1.5	2.7	8.1		7	5	5	9.3		7.6	9.5		7.6	9.3	
5.4	8.8		7.1	9.8		7.5	8.3	6.4	9.9		7.5	9.1		6.1	7.5	
6.3	7.8		7.1	8.2		6.3	3.6	4.1	11.1		6.8	7.9		6.3	7.6	
4.4	2.4		2.8	8.3		6.1	6.3	5.4	10.6		7.9	5.4	3.7	5	9.4	
7.2	5	4.1	3.5	9		7.4	8.5	7.5	9		7.3	7.7		5.9	7.1	
7.2	9.2		6.2	8.8		7	6.8	5.6	9		6.1	9.1		7.1	6.6	
6.9	7.5		6.7	10		7.5	10.2	7.2	7.5		5.8	11.7		7.6	10.1	
6.3	7	5.7	6.1	10.3		7.3	8.6	7.4	9.6		7.5	8.8		6.4	9.7	
7.4	7.6		6	8.8		6.6	6.9	6.8	8.7		7	7.3		6	9.9	
7.3	8.2		7.3	4.3		4.7	9.8	6.7	7.7		6.6	9.3		6.9	8.6	
6.7	8.6		7.7	9.1		6.6	6.3	6	7.6	5.1	6.8	4.1	2.4	4.5	6.9	
5.9	9.2		7.3	8.8		7.6	6.4	6.1	7.7		6.9	9.4		7.5	8.2	
7	9.6		7.3	9		7.1	9.7	6.6	10.8		7.6	6.4		4.6	10.8	
6.6	8.8		6.6	8.9		7.1	7.8	6.3	5.9		4.2	7.4		5.7	3.7	
7.1	8.7		7.1	7.7		6.6	6.7	5.1	5.9		5.5	9		6.8	9.8	
5.5	6.1	4.4	6.2	5.1	4.1	4.5	7.7	5.7	8		6.4	8.2		6.8	9.1	
6.9	6		5.7	7.8		5.8	7.2	6.1	6.6		6.2	8.5		6.8	8.7	
6.7	8		6.7	10.5		7.7	7.7	5.9	9.1		6.9	5.2		4.8	8.3	
7.3	8.3		7	8.6		6.7	8.4	5.9	6.4		6.4	8.1	6	6.4	10.2	
6.6	7.5		6	8.7		6.4	8	6.9	6.9		5.9	7.2		5	8.1	
7	5.3		5	6.6		6.4	9.9	7.4	8.6		6.9	10.9		7.3	3.1	
7	6.6		6	8		6.6	9.7	7.6	10.3		7.9	10.1		7.1	6.9	
4.8	6		5.3	9.7		7.6	8.3	7.1	5.6		4.9	2.8		3.4	6.5	0
7.4	7		6.1	10		7.5	9.8	7.2	9.5		7.3	9.5		6.6	7	
6.6	6.3		5.8	8		6.7	9.1	6.6	7.4		6.8	4.5		4.7	8.9	
5.6	9.1		7.1	8.8		6.8	8.4	6	8.366667		8.236667	9.5		7.4	8.3	
6.3	5.7		5.5	9.2		6.7	5.7	5				11.7		7.6	0	
6.8	5.8		5.8	9.3		7.2	7	6				9.2		7.3	8.1	
6.5	5.2		5.5	9.4		7	8.7	7.3				10.1		7.3	7.3	
5	5.9		5.1	9		7.2	4	4.5				6.6		4.7	8.8	
6.9	6.6		6.8	8.9		7.2	8	6.4				10.6		7.7	8.7	
7.3	7.1		7.1	8.1		6.7	9.7	6.3				5.8		5.2	6.9	
6.6	8.2		6.7	6.8		5.9	7.3	6				9.9		6.8	9.4	
7	7.9		6.7	9.6		6.3	7.4	6.2				7.1		6.3	10	
5.6	7.2		6.1	5.5		5.6	9.2	7				7.9		6.8	7.1	
7.9	2.5		3	11.5		7.4	6.3	5.5				10.1		8.8	10.2	
6.5	3.2	3	3.5	7.8		6.4	6.7	5.4				8.4		6.8	9.3	
7.7	4.6	4.4	4.4	9.7		7.4	9.8	6.5				11.2		7.5	7.9	
6.7	8.9		6.6	10.1		6.7	6.4	6.1				8.3		7.1	8.1	
6.7	8.7		6.3	8.4		7.2	9.3	6.3				5.5		5.4	9.9	
5.5	7.7		5.7	6.4		6	9.3	6.9				9.7		7.3	10.7	
7.5	3.8		4.1	10.4		7.5	9.1	6.4				11.1		7.7	9.7	
7.3	8		6.1	6.1	4.5	4.2	9.6	7.5				7.7		5.8	8.2	
8.4	9.3		6.1	7.5		6	5.1	5.3				8.1		5.8	8.6	
6.4	7.8		6.3	9.6		7.2	9.6	7.4				6.2		6.3	6.6	
6.5	7.2		5.9	8.5		7.8	8	6.3				8.218		6.398	6.1	
6	9.8		6.6	9.5		7.2	7.4	5.7							6.9	
5.8	7.5		6.3	8.544231		6.675	6.8	6.3							7.8	
6.6	6.3	5.7	5.7				8.3	6.4							9.2	
7.3	7.124074		6.007407				8.1	5.9							8	
6.2							6.4	6.3								
7							10.7	7.8								
6.5							7.4	6.7								
6.5							9.2	7.3								
6.4							7.932203	6.372881								
6.653333																

ht14	pl16	ht16	pl17	ht17	pl19	ht19	pl20	ht20	pl21	ht21	pl22	
7	9.1	6.9	9.1	7.3	6.7	5.3	8.4	6.8	9.1	7.1	8	
7.6	10.7	7.5	5.9	5.1	6.8	5.8	8	7.3	9.7	6.5	8.6	
6.7	7.2	5.6	9.8	8.6	7.8	6.3	8.5	6.3	8	6.9	9.4	
7.1	9.1	7	9.4	7.3	6.4	5.9	7.2	6.1	6.9	5.9	4.8	
0	8.5	7.1	9.5	7.3	7.3	6.4	5.8	6	8.3	6.9	7.8	
6.9	11.1	6.9	8.8	7.3	11.6	7.7	9	6.8	8.5	6.9	8.3	
6.6	8.4	6.2	3.7	3.8	9.1	6.6	7.3	6.8	8.5	6.1	3.5	
5.9	9.8	6.6	7.7	6.4	8.3	5.9	11.5	7	7.8	4.9	7.4	
6.9	7.5	7.7	10.6	7.3	8.2	6.9	6.3	5.8	7.1	6.8	7.4	
5.7	9.9	5.2	11.3	8.1	8.2	7.3	8.9	6.8	7.4	6.8	6.2	
6	4.6	6	10.3	7.9	8.1	6.7	9.2	7.7	5.7	4.9	7.9	
6.9	7.7	6.7	8.6	7.1	10.1	6.7	10	7.3	8.8	6.4	9.3	
7.9	8.2	6.4	8.2	6.9	5.1	5.5	10.7	7.3	9.5	6.7	9.2	
8.1	8.6	6	10	8.2	7.2	6.3	8.8	6.7	6.6	6.4	6	
7.3	8.1	6	8.4	6.1	7	5.8	9	7.6	8.3 top out	6.4	8.2	
4.9	8.566667	6.52	8.4	6.8	8.1	7.1	6.3	5.7	10.4	7.9	8.5	
7.7			10.2	8.6	7.5	5.4	7	5.5	7.1	6.7	5.3	3.7
8.1			9.7	7.3	7.9	6.4	6.7	6.1	8.1	6.482353	9.2	
4.3			7.5	6.1	9.6	7	8.4	7.2	6.8		8.5	
7.4			7	6.1	7.2	6.1	8.7		6.7		8.9	
7.1			9.1	7.3	8.7	6.8	9.2		7.3		8.2	
6.9			8.6	6.5	9.5	7.3	0		1.8		7.2	
6.5			6.8	5.1	6.6	6.1	7.9		6.5		8	
7.5			9.5	7.2	8.3 top out	4.2	9.2		7		3.7	2.3
6.6			9.7	7.2	8.8	7.2	3.5	2.3	3.7		6.5	
3.4			9.8	6.9	7	6.2	7.3		6.7		4.9	
6.3			6.7	5.6	9.7	5.8	9.6		6.9		8.9	
5.5			8.7	6.9	8.5	6.4	7		5.7		7.5	
5.5			8.2	6.5	9.1	7	9		7.9		8.2	
6.4			7.6	6.5	7.4	5.3	11.6		7.4		8.1	
6.8			10.7	8.1	8.4	6.7	9.2		7.3		8.3	
0			9.6	7.9	7.6	6.8	9.8		7.3		8.8	
6.8			9	6.7	9.3	7.3	7.1		6.6		7.8	
6.6			8.730303	6.909091	9	6.1	10		7.3		8.5	
7.4					9.2	7.2	8.9		7.3		8.8	
7.2					6 5	5.2	7.2		6.9		8.6	
6.5					6.7	5.4	7.8		7.1		6.3	
7.2					10.2	7.3	7.4		6.4		9.7	
7.3					9.2	6.6	9.3		7.9		8.8	
4.7					7.2	5.5	7.8		6.4		7.1	
7					8.7	7.3	6.2		6		7.8	
7.7					8.8	6.8	8.8		7.1		6.5	4.6
6.5					8	6.8	11.3		7.4		8.4	
6.7					7	5.7	9.5		6.9		7	
7					9.8	8	9.1		6.9		8.5	
7.8					2.7 2.4	3.1	3.9		2.9		7.1	
6.9					9.2	7.3	7.1		5.7		7	
7					8.2	6.1	9.2		7.5		8.9	
6.2					8.8	7	7		6.2		10	
6.1					8.5	6.1	7.7		6.7		7.7	
5.8					8.7	7.2	7.4		6.3		8	
6.4					7.3	6.4	7.7		7.9		8.3	
6.9					9.8 top out	4.7	8.065385		6.576923		8	
7.1					9	7.3					4.2	
6.412963					7.8 4.5	4.6					8.9	
					3.7	3.9					8.6	
					9.2	6.8					8.7	
					8.5	6.7					7.717544	
					5.5	5.4						
					8.030508	6.283051						

ht22	pl23		ht23	pl24		ht244	pl25	ht25	pl26	ht26	pl27		ht27	pl28	
6.2	7.3		6.4	9		5.4	7.6	6	9.1	6.7	4.6	5.5	4.2	7.6	
6.6	6.4		5.4	6.9	6.2	6.2	8.5	6	8	6.4	7.6		6.1	4.8	
6.6	7.6		6.4	6.5		5.2	6.1	6.4	6.1	6.2	9.6		7.6	9.8	
5.5	8.9		6.3	7.3	top out	3.7	7.8	6	7.5	5.9	9		6.5	10	
5.5	5		4.1	6.9		5.7	8.8	7	8	5.7	9.8		7.7	6	
6.3	7.3		6.2	6.5		5.4	9.4	6.6	9.8	6.3	5.6		4.4	9.7	
3.9	8.8		6.6	5.3		4.6	9	5.4	8.2	6.5	9.1		7.2	7.9	
6.1	8.6		6.7	6.3		5.5	8.5	6	8	6.1	6.8		5.4	9	
5.8	6.1		5.5	8.2		7	7.1	5.9	9.3	7.8	6.7		5.7	7.1	
5.8	6.2		4.6	6.7		6	10	7.3	6.5	5.6	9.1		6.7	7.4	
6.1	8.9		6.8	7.6		6.5	7.8	6.4	9.2	7	9.3		7.5	10.1	
6.6	9.2		6.7	7		6.1	8	5.4	8.3	6.3	10.3		7.6	5.5	
6.6	7.8		6.9	9.2		6.4	9	6.8	7.6	6.3	7.5		5.9	7.8	
4.9	7.3	4.8	6.3	8.2		7	9.2	7	7.8	6.5	4.5		4.1	7.9	
6.5	7.6		6	8.6		6.1	9.2	6.4	7.1	5.5	5.6		5.3	6.4	
6.6	7.5		6.3	9.1		7.1	9.2	7	8.033333	6.32	9.9		7.5	5.6	
4.8	6.5	3.8	5.5	6.4	38	4	7	5.4			6.9		5.5	8.6	
6.9	9.1		7.2	9.2		7.1	8.2	6.3			6.6		5.5	6.1	4
6.7	5.3		4	5.2		4.8	5.6	5.3			5.5		4.7	5.7	
5.8	7.3		5.9	5.3		5.3	8.9	6.4			6.7	6.7	6.3	8.6	
6.2	9		6.6	6.6		5.9	8	6.4			5.2		5.1	3.8	
6.3	5.7	4.5	5.9	0		3.2	6	5.8			9.1		7.1	7.7	
7	5.9	3.8	5.8	3.1		3.6	8.8	6.5			9.3		6.8	3.6	
3.9	8.9		6.5	6.8		5.4	8.5	6.6			7.9		6.4	0	
5.6	6.8		6	5.2		5.1	10.6	7.3			9.2		7	7.9	
3.7	3	0	3.6	7		6.1	6.7	5.4			8.8		7	5.8	
6.9	5		4.7	6.1		5.9	7	5.8			8.7		6.8	2.3	1.7
6.4	7.2		6.8	6.8		5.9	5	5.2			7.6		6.2	6.5	
6.4	6.6	7.2	6.6	7		6.7	8.053571	6.214286			6.2		5.8	9.5	
6.3	8		5.6	2.9	2.3	3.5					7.67931		6.193103	9.4	
7	8.5		6.6	6.2		6.2								7.7	
7	7.6		6.5	5		4.9								7.4	
6.4	7		5.6	6.1		5.9								7.5	
6.8	8.8		6.8	7.1		6.6								7.2	
6.5	5.3		5	5.5		5.4								5	
6.6	7.4		6	8.3		6.7								7.8	
5.3	8.6		6.7	7.4		6.4								6.6	
6.6	8.9		5.6	5.5		4.8								7.4	
6.4	5.8		5.7	5.2		5.7								7.5	
6.4	3.8		3.5	7.6		6.3								6.5	
6.3	10.1		7.7	5.5		4.6								6.1	
5.3	8.6		6.8	7.7		7								7.5	
6.4	5.2	4.1	5.9	6.7		6								5.5	
6.4	5.5	5.5	5.9	7.9		7.2								5.4	
6.4	8		6.3	8.3		6.5								6.4	
6.2	7		5.4	4.7		4.8								7.9	
5.6	6.8		5.8	3		4.2								8.5	
6.6	3.8		3.1	5.9		5.8								9	
6.8	5.8		5.6	7.5		6.8								3.4	2.8
6.1	9		6.2	6.2		5.6								5.1	5.5
6.4	6.6		4.8	8.5		6.8								10	
7	5.8		5.3	6.523529		5.698039								7.2	
6.5	5.5		5.1											6.936538	
4.4	8		6.2												
7.2	3.2		3.6												
6.8	7.8		6.2												
6.8	7.1		5.4												
6.152632	7.022807		5.810526												

ht28	pl29		ht29	pl30	ht30
6.6	3.7		4.2	7.9	6.8
4.5	9.1		7.7	7.4	5.8
7.1	8.2		7	9.5	7.2
8	8.1		6.9	7.1	6.1
5.1	7.8		6.6	7.2	6.1
7.2	8.2		7.2	8.1	6.5
6.4	9.2		7.3	9.1	6.9
6.7	7.5		6.5	7.3	6.3
6.2	9.7		7.3	7.5	5.7
6.9	10.6		7.8	9.5	7
7.2	7.7		6.5	7.2	6.2
5.7	9		7.5	6.5	6.1
6.9	8.8		7.3	8.7	6.1
5.6	4		4.8	6.2	6
5.4	9.9		6.9	7.8	6.342857
5	7.9		6.1		
6.6	4.1	4.2	4.4		
4.9	9.6		7.2		
4.5	6.8		6.2		
6.9	7.2		6.7		
3.8	9.2		7.8		
5.5	6.4		6		
2.5	6		5.9		
2.2	6.2	0	4.4		
6.9	8.3	0	6.4		
5.6	10.4		7.7		
3.7	10		8.3		
6.3	9.5		6.5		
6.9	9		6.4		
6.8	10.8		8.1		
6.4	10.4		6.9		
5.5	8	4.6	6.4		
5.9	9.1		7.9		
5.6	10.5		7.1		
4.7	7.4		6		
6.5	8		5.4		
5.7	6.6		4.9		
6.2	6.2		5.9		
5.8	9.4		7.3		
6.3	7.9		6.6		
5.4	8.6		6.4		
6.6	8.8		6.4		
5.2	4.6		5.1		
4.5	8		6.7		
5.3	7.3		6.1		
6.6	8.3		6.4		
6.3	7.5	6.3	5.4		
7.1	2.8		2.3		
3.7	9.8		7.2		
5	6.7		6		
7.4	3.5		3.7		
6.2	5.4		4.9		
5.798077	7.840385		6.357692		

Eucalyptus globulus thinning x fertilizer growth trial (SPP No. HE/0026)
Averys
Fouracres Road
Scott River

Established September 1998

Officers: Stuart Crombie (CALMScience)
John McGrath (CALMScience)

Purpose – Comparative growth and water use of thinned (1200, 600 and 300 stems ha^{-1}) and fertilized (45, 125, 250 400 kg N ha^{-1} plus base P, K, Mn, Zn, Cu, Mb, B)

Management – No management operations to be carried out
No control burns, no fertilizer, no weed control.
inform Stuart Crombie or John McGrath of any management operations to take place on-site.

MAP 13

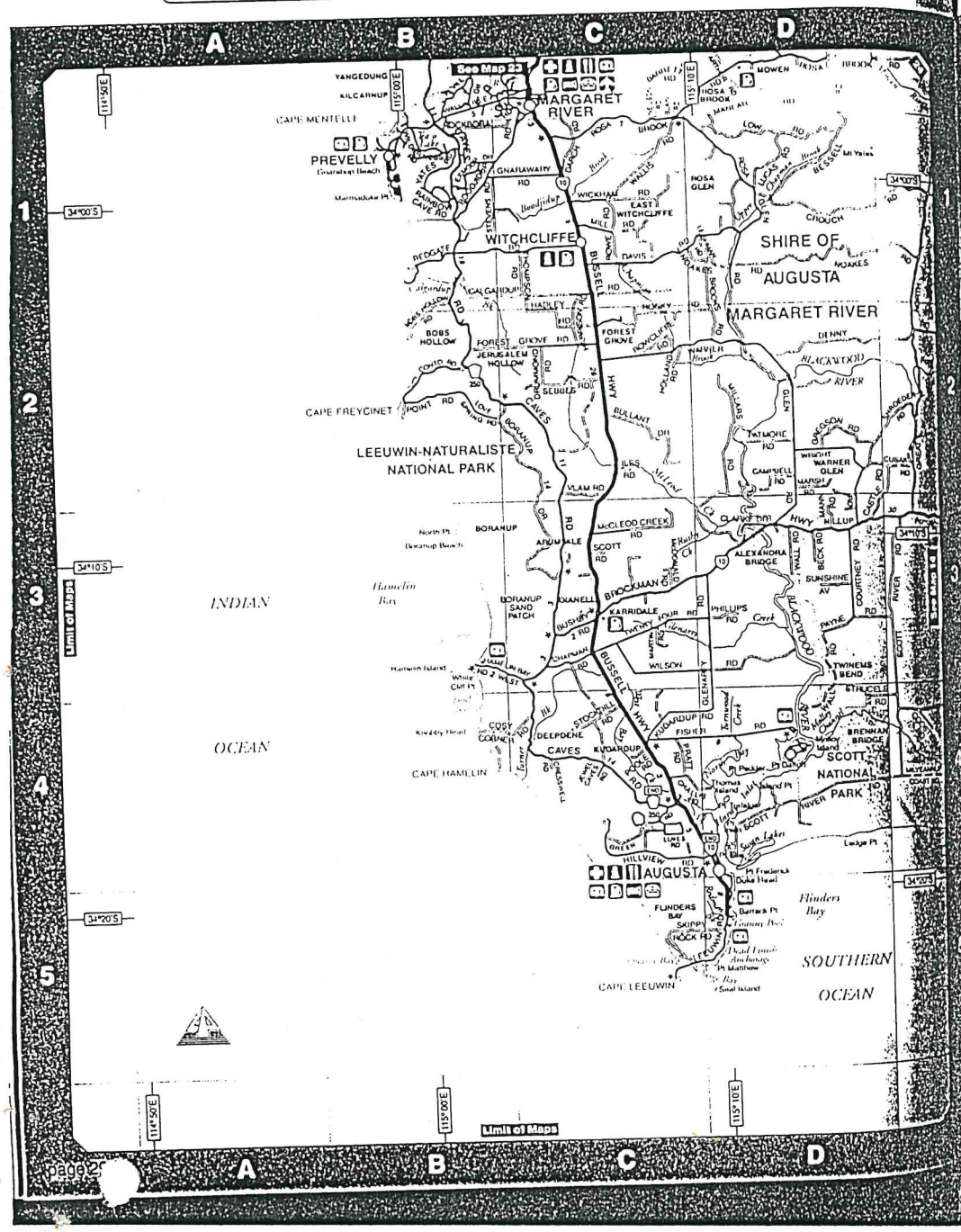
MAIN ROADS
Western Australia

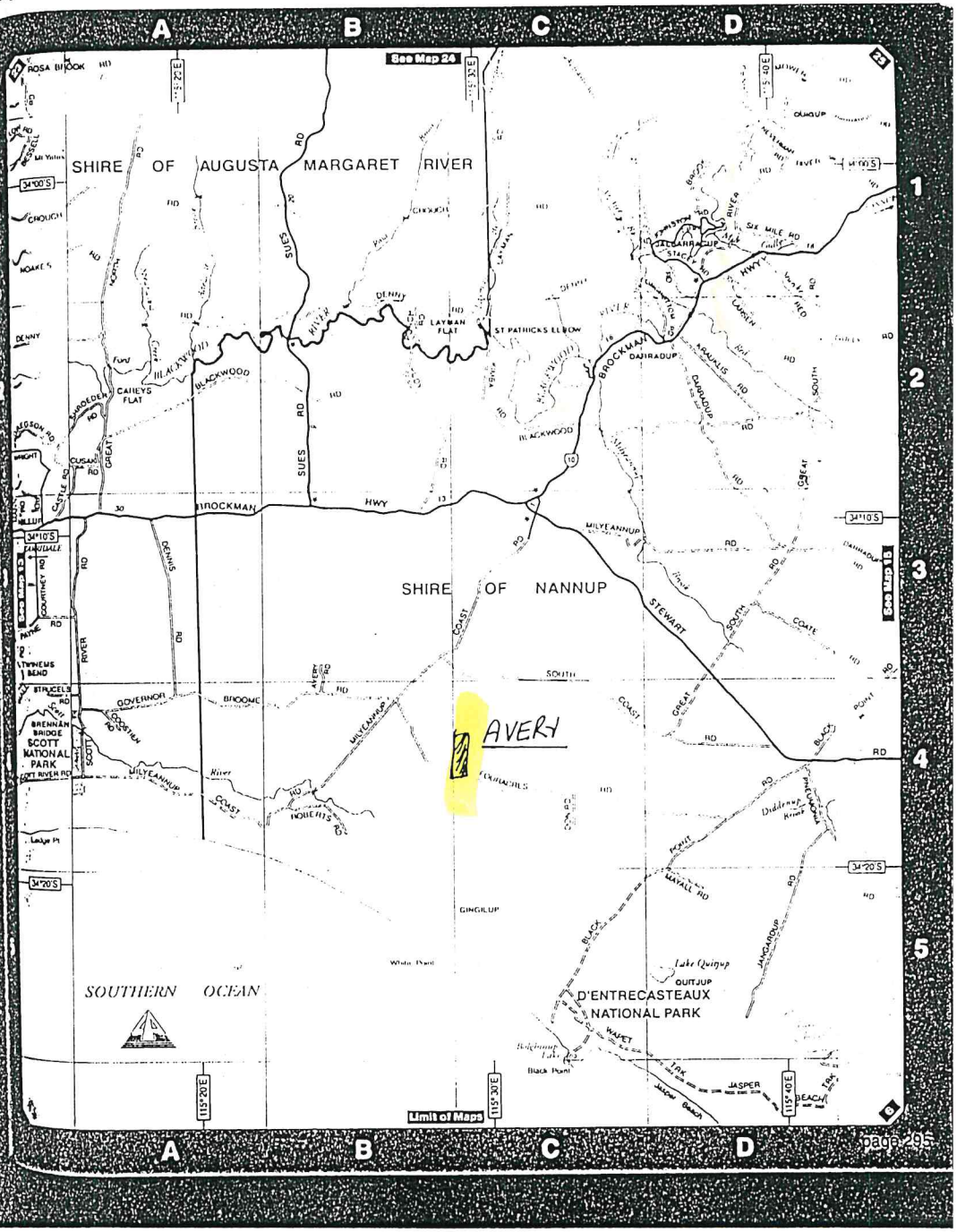
SPEED KILLS, SO DRIVE SAFELY

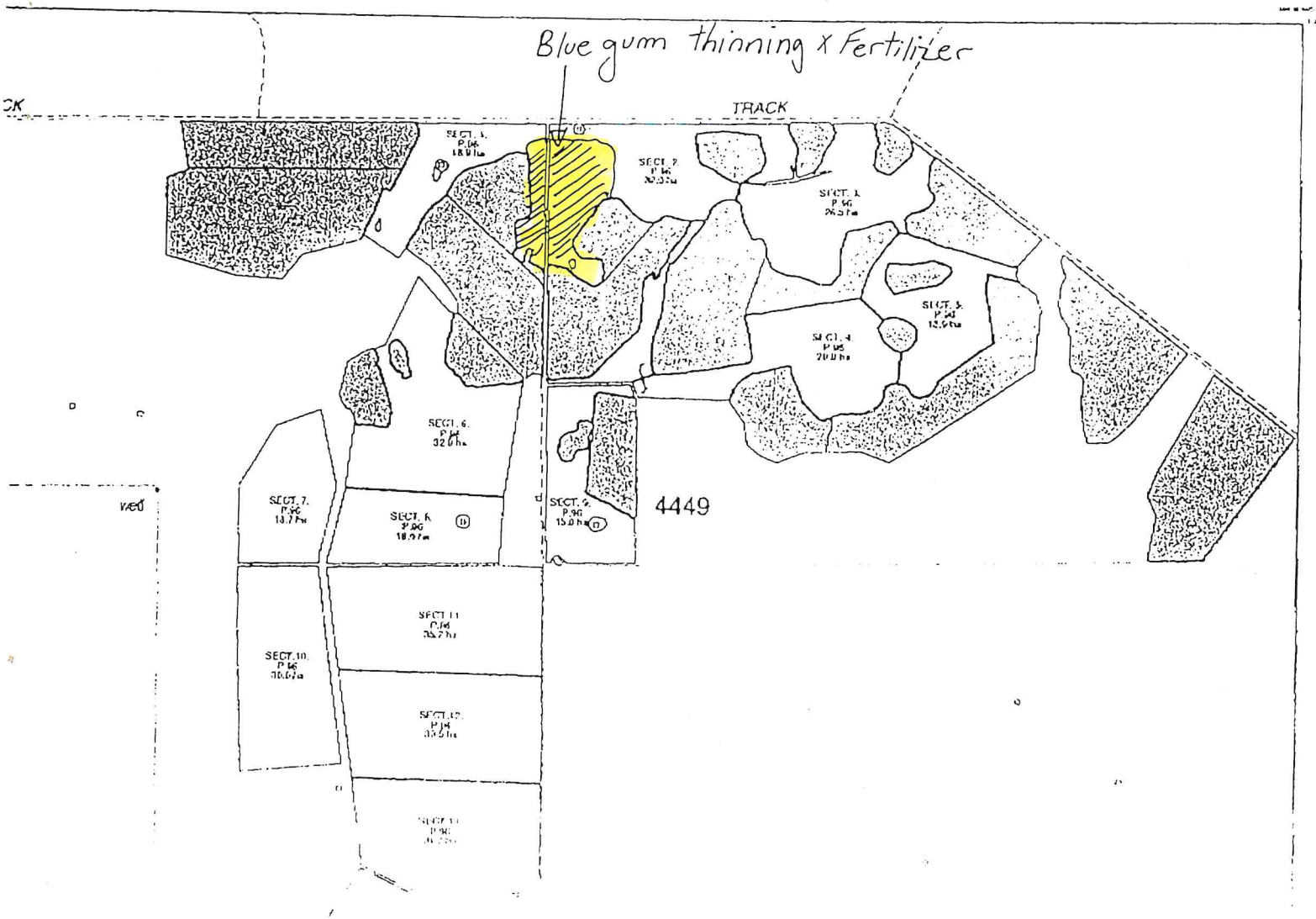
For more detail see the SmartSmart South West Corner touring map.

FOR THE SAFETY OF YOURSELF AND OTHERS, PLEASE DRIVE TO THE PREVAILING ROAD CONDITIONS

For all road condition reports ring Main Roads Information line on 1800 013 314







CALM SHAREFARMS LOWER WEST

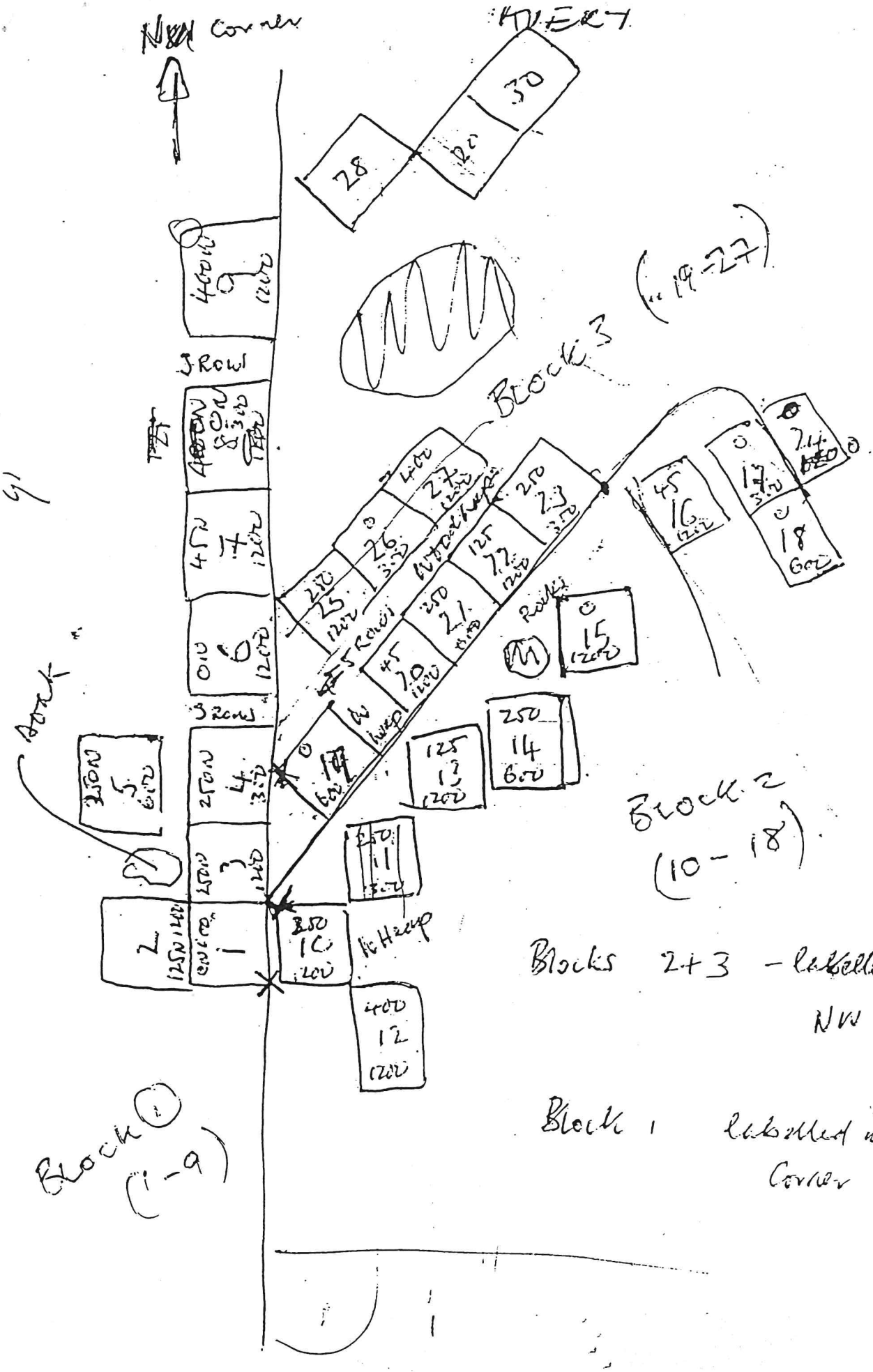
AVERY
Sussex Loc.4449.

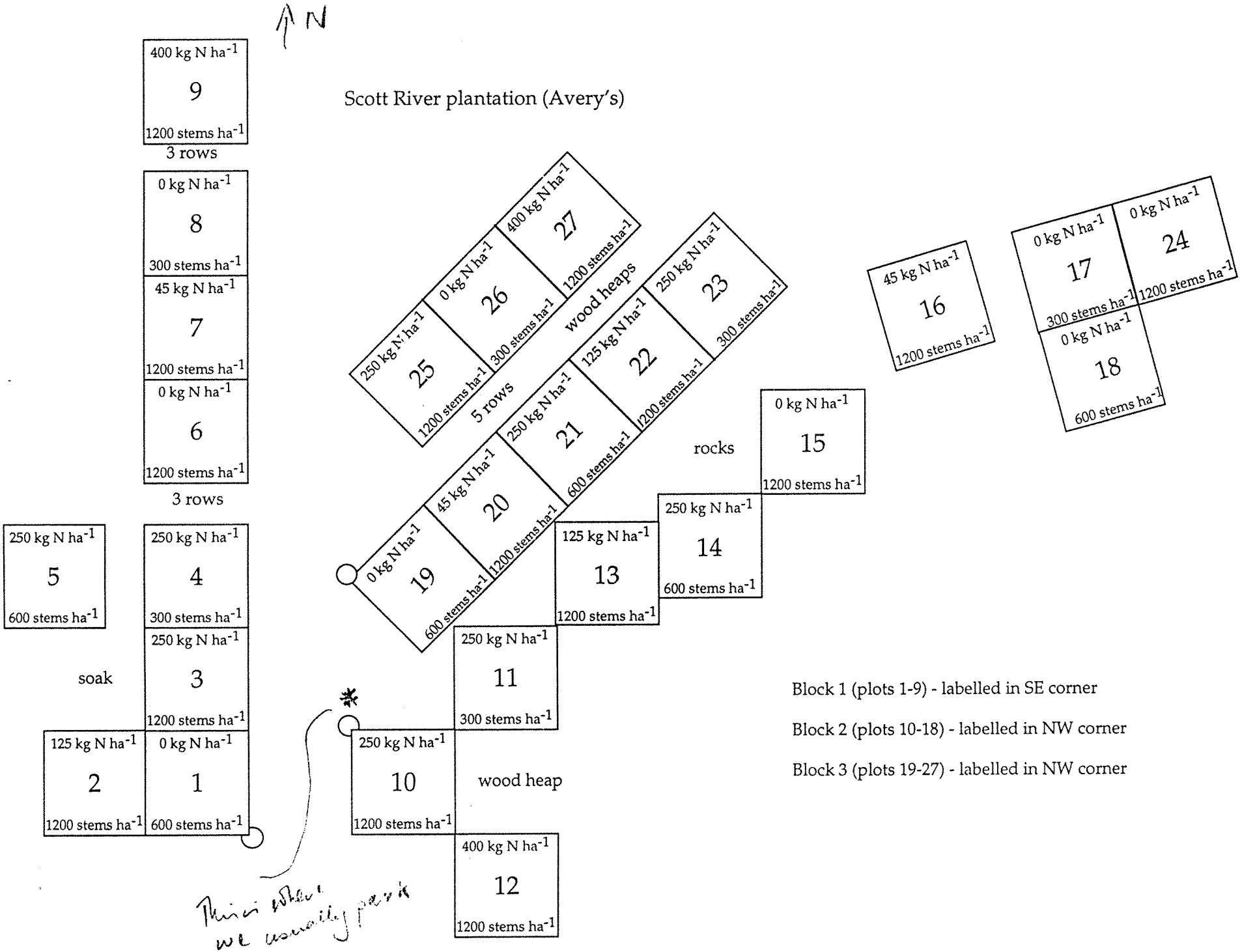
PLANTATION PLAN LEGEND

- P.96 TREE CROP AREA Eucalyptus G.P.S. CAPTURE
- ESTABLISHED PLANTING G.P.S. CAPTURE
- EXISTING BUSH G.P.S. Capture inside tree crop area only.
- SALT AFFECTED G.P.S. CAPTURE
- PRIVATE PLANTING
- CALM PLANTING
- FENCE
- CADASTRAL BOUNDARY G.P.S. CAPTURE
- SEALED ROAD
- UNSEALED ROAD
- POWERLINE, PYLON
- SWAMP
- DAM
- WATER POINT
- BUILDINGS
- CADASTRAL BOUNDARY NON G.P.S. CAPTURE

STATISTICAL REPORT

Categories	Area (ha)
P.96 TREE CROP AREA	436.8
TOTAL AREA	436.8


NW Corner
Block 3 (19-27)
Block 2 (10-18)
Block 1 (1-9)
Blocks 2+3 - labelled in NW corner
Block 1 labelled in SE Corner


N
Scott River plantation (Avery's)
400 kg N ha-1
9
1200 stems ha-1
3 rows
0 kg N ha-1
8
300 stems ha-1
45 kg N ha-1
7
1200 stems ha-1
0 kg N ha-1
6
1200 stems ha-1
3 rows
250 kg N ha-1
5
600 stems ha-1
250 kg N ha-1
4
300 stems ha-1
250 kg N ha-1
3
1200 stems ha-1
soak
125 kg N ha-1
2
1200 stems ha-1
0 kg N ha-1
1
600 stems ha-1
250 kg N ha-1
25
1200 stems ha-1
0 kg N ha-1
26
300 stems ha-1
400 kg N ha-1
27
1200 stems ha-1
wood heaps
5 rows
250 kg N ha-1
23
300 stems ha-1
125 kg N ha-1
22
1200 stems ha-1
250 kg N ha-1
21
600 stems ha-1
45 kg N ha-1
20
1200 stems ha-1
0 kg N ha-1
19
600 stems ha-1
45 kg N ha-1
16
1200 stems ha-1
0 kg N ha-1
17
300 stems ha-1
0 kg N ha-1
24
1200 stems ha-1
0 kg N ha-1
18
600 stems ha-1
rocks
0 kg N ha-1
15
1200 stems ha-1
250 kg N ha-1
14
600 stems ha-1
125 kg N ha-1
13
1200 stems ha-1
250 kg N ha-1
11
300 stems ha-1
250 kg N ha-1
10
1200 stems ha-1
wood heap
400 kg N ha-1
12
1200 stems ha-1
Block 1 (plots 1-9) - labelled in SE corner
Block 2 (plots 10-18) - labelled in NW corner
Block 3 (plots 19-27) - labelled in NW corner

DATA SUMMARY AVERY PLANTATION 6/11/98

	HEIGHT	DIAM	PDWP
PLOT 1	7.7	9.66	1.56
PLOT 2	7.24	8.26	2.24
PLOT 3	7.77	9.14	1.96
PLOT 4	8.12	10	1.72
PLOT 5	7.91	10.14	2
PLOT 6	6.93	8.19	2.32
PLOT 7	7.21	8.06	2.24
PLOT 8	7.5	8.44	1.56
PLOT 9	8	9.1	2.28
PLOT 10			1.1
PLOT 11			1.3
PLOT 12			1.28
PLOT 13			2.4
PLOT 14			1.4
PLOT 15			2.1
PLOT 16			2.7
PLOT 17			2.3
PLOT 18			2.2
PLOT 19	8.28	9.77	2.1
PLOT 20	6.88	7.55	1.16
PLOT 21	7.83	8.89	1.32
PLOT 22	8.39	9.23	2.6
PLOT 23	7.54	8.51	2.32
PLOT 24			3.3
PLOT 25	7.2	8.02	2.62
PLOT 26			1.4
PLOT 27			1.9

PREDAWN WATER POTENTIALS AVERY PLANTATION 6/11/98

plot	psi	plot	psi	plot	psi
1	1	10	1.2	19	2.5
	1		1		1.5
	2		1.6		2
	1.4		0.6		2
	2.4				2.5
AVG	1.56	AVG	1.1		2.1
2	2	11	1	20	1.4
	3.2		1		1
	3		1		1.4
	1		2		0.6
	2		1.5		1.4
AVG	2.24	AVG	1.3		1.16
3	2	12	0.6	21	1.4
	0.6		1.2		0.4
	2		1		2
	3.2		1.6		1.4
	2		2		1.4
AVG	1.96	AVG	1.28		1.32
4	1.6	13	2.5	22	2
	3		2.5		2.5
	0.8		2		3
	1		3		3
	2.2		2		2.5
AVG	1.72	AVG	2.4		2.6
5	2.6	14	2	23	2
	2.2		1		1
	2		1.5		2.5
	1.8		1.5		1.6
	1.4		1		4.5
AVG	2	AVG	1.4		2.32
6	2.4	15	2.5	24	3.5
	1.6		2.5		3.5
	2.6		2		3.5
	4		2		3.5
	1		1.5		2.5
AVG	2.32		2.1		3.3
7	2	16	2.5	25	2
	2		3		2.5
	2.2		2		3
	3.2		3		3
	1.8		3		
AVG	2.24		2.7		2.625
8	1.6	17	1.5	26	1.5
	1		2		1
	1		2.5		1.5
	2.6		2		2
	1.6		3.5		1
AVG	1.56		2.3		1.4
9	2.2	18	2.5	27	2
	2.4		2		1
	2.4		1		2
	3		2.5		2
	1.4		3		2.5
AVG	2.28		2.2		1.9

AVERY PLANTATION HEIGHTS AND DIAMETERS 5/11/98

plot1		plot2			plot3			plot4		plot5			plot6			plot7			plot8		plot9
ht	d1	ht	d1	d2	ht	d1	d2	ht	d1	ht	d1	d2	ht	d1	d2	ht	d1	d2	ht	d1	ht
7.6	10.3	6	6.1		8.2	10.3		9.2	11.9	8.5	13.1		6.3	7.9		8.8	10.7		7.6	8.7	8
8.6	11.5	6.6	6.2		9.9	11.5		9	13.2	9.8	11.5		6.6	9.4		8.7	8.9		6.2	9.3	8.4
7.1	9.9	8.7	11.3		9.5	12		8.9	12	7.4	10.9		7.8	8.9		7.9	10.3		7.8	8.3	6.5
7.2	10.4	8.8	11.8		9.9	7.3		9.1	11.1	9.7	11.7		8.2	10.2		7.5	9.8		7.2	8	9.8
8.4	10.5	7.6	7		8.8	12.9		9	11.7	7.2	10.4		8.3	11.3		8	9.4		8	9.5	9.1
7	9	8.8	11.4		8.6	10		8	9.9	7.9	7.5		6.7	6.8		8.1	9		7.8	7.2	8.2
7.6	8.8	8.5	13		9	9.8		7.9	9.9	9	12.3		7.2	9.6	5.3	3.4	1.2		6.8	7.8	9.4
7.3	9	8.2	9.4		8.6	10.4		9.1	11.9	7.6	10		7.9	10		7.3	8.9		5.2	7	8.5
7.8	9.4	5	3.9		8	10.1		7.3	7.6	6.8	7.1		6.1	6.1		8	9.7		7.8	8.4	8.4
7.7	9.9	5.9	4.5		8.5	10.2		7.8	8.2	7.8	9.1		6.6	8.7		7.9	9.5		7.6	9	9.1
8.6	10	7.9	9		8.9	12.6		6.5	7	8.4	11.9		6.7	8.6		7.9	9.4		7.3	7.8	8.7
7.9	9.8	7.6	7.8		8.2	9.5		8	10.5	6.6	8.8		7.7	11		7.8	11.9		8.3	9.4	4
9.4	12	8.1	11.8		8.7	10.4		7.5	9.1	8.6	11.4		2.7	2.2		6.1	5.3		8.1	8.5	6.5
6.4	8.2	4.6	3.6		8.7	8.5		9.1	10.6	8.3	10.2		8	8.8		7.3	9.8		8.9	7.2	8.9
7.6	8.6	5.5	4.6		8.7	9	8	6.7	8.1	7.6	8.9		6.6	6.8		4.1	2.5		8	10.5	5.4
8.2	11.9	8.8	12.3		9.5	11.2		6.9	8.2	6.4	3.3	6	7	8		7.3	10.1		7.506667	8.44	8.7
2.1	1.3	4.9	3.3		8	8		8.125	10.05625	7.4	9		7.9	10		5.5	8.4				7.8
8.1	10.8	8.4	9.4		8.8	11.5				8.6	12.4		5.8	7.2		7.6	8.5				8.4
7.2	8.8	8.4	10.8		3.4	10.5	no top			8.8	12.4		6.3	10.3		7	6.4				6.8
8.4	10.6	7.6	11.2		4.7	3				7.2	11.4		8.3	10.4		7.8	8.9				8.7
7.4	7.7	7.3	9.7		8.5	11				9.6	12.5		7.8	10.6		4.5	4.4				8.4
8.4	10	6.6	9.4		7.6	8.5				7.6	7.8		7.2	7.6		6	7.7				8.4
8.7	10.7	8.6	10		9	10.8				8.4	10.7		6.8	7.8		6.2	7.5				5
8.4	9.1	8.4	11		7.1	9				7.6	10.7		7	6.6		2.4	1.3	1.1			7.2
7.7	10.5	8.1	10.3		7.1	10.3				6.1	5.7		6.8	9.5		7.8	6.5	9.5			8.1
8.3	10	6.3	6.3		7.9	9.2				7.6	10.4		5.1	10.3		8.3	9.7				8.3
7.2	9.7	7.9	8		8.4	11				8	10.6		4.4	6.2		8.1	11.3				8.4
8.2	10.7	8.3	9.5		3.8	3.3	4			7.8	11.6		5.4	4.8		7.3	8				7.3
8.1	10.6	9.2	11.3		7.3	7.6				7.3	11		6.3	7		5	3.2				8.4
8.5	10.1	8.5	11.5		8.5	11				7.917241	10.14828		7.6	8.8		4.6	4.6				8.2
7.703333	9.66	7.5	9.1		8.3	10.1							7.2	8.7		7.8	7.9				8.3
		7.3	6.7		9	10.7							6.9	7.9		7.9	8.3				8
		7.8	8.5		8.1	7.1							7.5	7.6		8.5	10.3				8.3
		8.6	10.3		6.2	6.3							7.8	7		7.5	8.3				8.4
		7.2	9.7		8	9.2							8.2	9		6.9	7.7				8.5
		6.8	6.7		7.6	10.2							6.1	5.7		6.5	5.5				9.6
		6.9	8.4		8.4	11.5							7.3	5.9		7.8	11.3				7.4
		4.4	3		2.6	3.5							7.7	9		7.9	8.7				8.7
		4.4	0		7.6	9.5							7.4	8		8.2	8.7				7.4
		5.2	7.6	pd	8.1	9							7	9		8.4	11				8.2
		5	5.4		8.3	7.3							6.9	7.8		4.3	3.4				8.4
		6.5	6.5		7.4	7.8							5.9	9.5		9.5	9.6				7.6
		8.5	7.8	9.9	8	8							6.5	8		9.6	10.2				7.6
		6.5	6.7		7.1	5.6							6.8	7.3		8.3	8.5				6.8
		6.1	6.6		9	11.2							8	8.1		7.4	6.4	4			7.5
		7.6	8.2		10	11							8.2	10		8.4	9.2				8.8
		8.3	12.7		8	9.1							7.2	8.7		7.8	8.2				8.9
		8.2	9		8.2	5.6	7.6						7.2	7.6		6.9	7.9				8.4
		8.1	8.5		9.2	10.2							7.7	10.7		6.8	6.7				7.6
		8.1	8.7		8.8	10.9							5.3	4.7		7.3	7.8	6.1			8.5
		7.4	7.7		10.6	11.7							7.8	9.4		6.4	7.9				8.5
		4.8	5.6		8.7	10.1							7.8	8.5		6.7	7				8.007843
		6.6	7.1		8.4	7.8							5.9	4.7		7.5	9.6				
		8.3	10.7		7.770909	9.144444							6.932075	8.192453		6.7	7				
		7.1	8.1													7.5	9.5				
		7.241818	8.267273													7.5	8.2				
																8.6	9.6				
																7.6	8.6				
																8.2	9.5				
																8.5	8.2				
																7.218333	8.058333				

			plot19			plot20			plot21			plot22			plot23			plot25			pl26
d1	d2	d3	ht	d1	d2	ht	d1	d2	ht	d1		ht	d1	d2	ht	d1	d2	ht	d1	d2	ht
8			8.1	9.1		6.9	7.5		7.8	8.7		8.4	10.6		7.8	9.3		6.9	9		6.4
9.5			7.9	11.2		6.8	7		8.4	9.8		7.2	7.1		8.5	9.1		7.5	10.3		6.9
5.5			9.1	11.1		6.7	7.4		8.7	10.8		7.5	7.7		7.5	8.1		4.3	3.3		7.6
12.2			8.6	8.9		6.9	6.8		5.6	7.4		7.8	7.1		6.9	6.1		7	9.5		
8.2	6.2		8.9	13.1		7	7.3		7.8	9.1		8.7	9.5		8.4	8.4		7.6	7.5		
9.4			8.7	11.1		7.4	7.7		7.7	8.8	6.5	7.1	6.5		7.8	8.4		7	7.5		
9.9			7.7	8		8.1	7.7		7.9	10.4		9.6	9.5		8.5	10.9		5.1	4.9		
9.8			7.7	7.4		7.9	10.3		8.1	10.5		8.7	9.2		7.8	8.7		8.4	8.7		
8.7			8.5	10.2		8	9.3		7.2	7.6		8.8	9.1		7.3	10.1		7.7	8.7		
10.1			9.1	11.8		7.3	8.2		7.1	7.8		8.2	8.8		6.8	6.8		7.9	8.3		
9.5			6.2	7		6.2	7.1		9	9.8		9.4	11.2		7.3	8.3	6.2	6.3	6.5		
3.3	5.4		8.4	9.2		5.9	5.5		7.4	5.3		9	9.7		7.8	9		7.9	8.6		
11.1			9.4	11.8		6.6	6.4		7.3	9.6		8.2	10.8		8.2	10.5		6.6	7.1		
9.8			8.8	10.7		6.5	6.6		6.7	7.7		9.2	12.9		6.8	6.9		7.3	8		
8.1			9.1	10.2		7	8.1		8.2	10.4		7.7	9		6.2	6.4		8.7	10.4		
11.8			8.7	11.8		7.8	9.5		9.2	9.7		4.4	2.9	2.7	7.1	9.2		4.9	4.8		
8.5			7.3	8.6		8	9.3		7.8	7.8		9.1	12.1		7.54375	8.5125		9.1	10.5		
8.1	5	6.8	8.1	8.4		7.2	6.8		9	9.9		9.4	9					5.2	4.1	2.5	
7			8.7	10.4		7.8	9.3		6.8	5.3		7.8	8.5					8	9.2		
10.7			8.3	8.9		7.5	7.2		9.7	10		8.3	9					7.7	8		
11.3			8.1	9.7		7.1	8		8.4	10.5		8.4	8.9					6.8	6.7		
11			7.7	9.4		8.2	9.2		5.8	5.3		7.5	7.8					7.1	6.8		
3.7			9	10.6		6.7	7.5		7.3	9.5		8.2	11.1					7.7	9.2		
7.5			7.9	10.1		6.3	6.6		8.6	10.4		9.6	12.6					7	7.5		
8.5			8.8	9.7		8.3	10		8.3	8.7		9.1	12.1					7.6	8.2		
10.5			9.1	10.6		7.2	7.7		8.1	9.3		8.7	10					7.6	8.5		
8.8			8.5	10.7		7.1	8.2		7.9	8		3.8	2.5					7.6	8.5		
7.9			7.4	8.9		7.3	9.2		7.9	10.8		8.6	8.7	6.5				7.2	8.4		
9.2			6.8	6.7		7.4	7.8		7.6	8.6		8.5	9					7.7	9.7		
9.5			7.9	7.8		7.6	9.2		7.8	9.2		8.2	10.2					7.4	9		
8			8.283333	9.77		7	7.3		7.836667	8.89		8	8.4					6.7	5.6	3.6	
7.7						6.6	6.1					8.8	9.3					7	8.5		
9.8						7.2	8.1					7.2	6.7					6.9	8.2		
9						6.8	8.6					8.4	8.7					7	8.3		
11.5						1.7	0.7	0.7				9.3	9.7					7.6	7.7		
11.2						6.9	6.8					8.1	8.8					7.5	8.4		
8.3						7.5	9					9	9.9					7.5	8.4		
8.6						5.5	4.6					8.9	11.1					7.5	8.6		
7.4						7.6	7	5.7				8.7	9.6					7.4	9		
9.4						4.7	7.4					8.6	12.2					8.4	10.2		
11						8.3	10.1					8.7	10.5	6.2				7.1	7.8		
8.8						7.9	9					10	11.3					6.4	7.3		
10.1						7.9	9.8					8.6	7.8	7.8				7	8.7		
8.5						6.9	7.8					8.7	10.7					7.8	8.3		
9.8						2	1	1				8.7	8.1					6.6	7		
12						6.9	7.4					8.5	9.5					7.7	10		
9.9						8	9.6					9	10					7.3	6.8		
10						7	7.4					8	10.1					8.8	10.7		
7.6						7.6	9					8.2	6.8					6.8	8.1		
10						7.6	9.2					8.1	7.5					8.4	9.2		
8.5						7.7	8					7.9	6.8					6.1	5.2		
9.101961						7.1	7.5					8.7	11.3					7.2	8.6		
						5.2	6					8.8	9.3					6.8	8.3		
						7.7	8.9					10.4	10.8					7	6.9		
						4.5	3.8					9	10.8					7.209259	8.022222		
						7.2	8.3					9.1	8.5								
						4.5	3.6	2.2				7.9	9								
						6.880702	7.550877					8.392982	9.233333								