CWD data sheet

8 - 100 mtre transects, 12 metres apart.
two people traverse two adjoining trasect lines at the same pace
and measure all logs & stumps within a 6 m band either side of transect.
logs >10 cm diameter and stumps DBH>10 cm & >1.3 m in height.
2 100 m tape measures required & mobile phone calculator.

Project Name: BFR Thinning		
Date: 13/11/19		
Recorder:		
Plot No: 9		
Treatment: Radial		
Log Length (m) <40cm	**Stumps >1.3m height***	**Large Logs (m)> 40cm**
transect 1 1.5 | 1.3	LHT LHH JHT	2 1 | 2.5 | 2.5
2 | 3	JHT AHT AHT LHT	12 3 | 0.5 | 2
total 2.3 | 0.5	LHT AHT LHT AHT	1 | 0.3 | 4
transect 2 2 | 0.4	LHT AHT LHT AHT	
1 1.2 | 1 1 1	LHT LHT AHT AHT AHT	
total 0.3 | 2.2	JHT LHT LHT LHT	
transect 3 2 | 1 0.7	LHT LHT III	
0.2 | 0.2 2 2 0.6 1	133 stumps	
total 2 | 7.5 3		
transect 4 1.3 | 1 2		
1 | 1 0.8		
total 0.5 | 2 0.5		
transect 5 1.3 | 1 1		
0.5 | 0.5 1		
total 2 | 1 3		
transect 6 1.8 | 1 0.2		
1 | 0.5 1		
total 0.3 | 1 3		
transect 7 0.3 | 0.6 0.5		
0.4 |		
total 2 |		
transect 8 12 |		
1 |		
total 0.5 |		
Overall total 87.7 m	**66.5 m**	**30.8 m**

*score - 0.5m per stump

CWD data sheet

8 - 100 mtre transects, 12 metres apart.

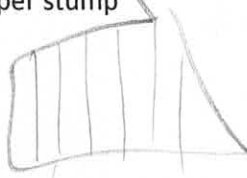two people traverse two adjoining trasect lines at the same pace

and measure all logs & stumps within a 6 m band either side of transect.

✳ logs >10 cm diameter and stumps DBH>10 cm & ≮1.3 m in height.

2 100 m tape measures required & mobile phone calculator.

		Log Length (m) <40cm	Stumps >1.3m height*	Large Logs (m)> 40cm
Project Name: BFR Thinning				
Date: 13/11/19				
Recorder: PH & TS				
Plot No: 9				
Treatment:				
transect 1	(27)	2,0·5,1·5,1,2,1,1,4,1,4,1,8,	|||| ||| ⑧	
total				
transect 2	43 / (56)	1·5,15,6,1,0·5,1,0·5,4,1,10,1·5, 11,1,2	|||| ||/| ⑨	
total				
transect 3	44 29 (73)	2,12,12,0·5,1, 15,1·5, 4,1,2·5,2,1,6,3,4,3,1·5,1	|||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| ||| ⑩₃	1,3·5,4,1,0·5,4 ⑭
total				
transect 4	44·5 53 116·5	7,9,2,1,8,2·5,3,2·5,1·5,13, 2,8,1,8,2,5/2,12,1,12, 14,	|||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| |||| ||||	⑨₆	1,3,1·5, ⑤·⑤
total				
transect 5				
total				
transect 6				
total				
transect 7				
total				
transect 8				
total				
Overall total				

*score - 0.5m per stump

Tree hollows data sheet

Plot No: 9   **Recorder:** RE BM LH   **Date:** 13/11/2019

Hollows are measured in the tagged large 20 trees(used to measure DBH) plus 10 additional trees from class 3 marked with yellow tape. Two people must observe the tree from four perpendicular angles (N,S,E,W). Record the number of hollows on each tree within each class size. Hollows must be cross checked with the two observers for presence and class size.

Hollow class 1	5-10 cm
Hollow class 2	11-15 cm
Hollow class 3	>15 cm

Tree	Tree Tag #	Tree Class	Hollow class 1	Hollow class 2	Hollow class 3
1	093				
2	109				
3	104				
4	103				
5	102				
6	101				
7	095				
8	091				
9	412				
10	413				
11	414				
12	416				
13	417				
14	97				
15	96				
16	420				
17	100				
18	105				
19	98				
20	94				
		subtotal			
21	401	3*			
22	402	3			
23	403	3			
24	404	3			
25	405	3			
26	406	3			
27	407	3			
28	408	3			
29	409	3			
30	415	3			
		subtotal			
		TOTAL			

106 — no hollows
411 —

*class 3 - 20-30 cm DBH
marked with yellow tape

NB: Throwing a golf ball (4cm) in front of the hollow will help give perspective on hollow class size

411
410
108
106
92

Tree hollows data sheet

t No: 9   **Recorder:** P̄ᴴ & T̄ₛ   **Date:** 13/11/19

Hollows are measured in the tagged large 20 trees(used to measure DBH) plus 10 additional trees from clas 3 marked with yeloow tape. Two people must observe the tree from four perpendicular angles (N,S,E,W). Record the number of hollows on each tree within each class size. Hollows must be cross checked with the two observers for presence and class size.

Hollow class 1	5-10 cm
Hollow class 2	11-15 cm
Hollow class 3	>15 cm

Tree	Tree Tag #	Tree Class	Hollow class 1	Hollow class 2	Hollow class 3
1	0093	5			
2					
3					
4					
5					
6					
7					
8					
9					
10					
11					
12					
13					
14					
15					
16					
17					
18					
19					
20					
		subtotal			
21		3*			
22		3			
23		3			
24		3			
25		3			
26		3			
27		3			
28		3			
29		3			
30		3			
		subtotal			
		TOTAL			

*class 3 - 20-30 cm DBH

marked with yellow tape

NB: Throwing a golf ball (4cm) in front of the hollow will help give perspective on hollow class size

Tree growth (DBH) data sheet
T2

Date: 13/11/19   **Plot no:** 89   **Recorders:**   **Treatment:**

The diameter at breast height (DBH) of 20 tagged & GPS'd large trees and 20 trees from each across class sizes (2, 3/ 4) are to be measured and recorded. Transects a, b, c & d were used to identify trees from size classes 2,3/ 4 and marked with yellow tape? The DBH of the tagged trees is measured at the nail holding the tag.
The additional taped 20 trees is to be measured using the wooden DBH marker, BM to demonstrate use. Recored actual DBH and DBH class.

20 trees from class 2, 3/ 4			20 large trees						dbh(cm)	circ (cm)
Class 2	Tree number	DBH	Tree	Class	Tree number	DBH	Dead (D) Alive (L)	GPS Marked	10	31
1			1		419	29.2	L		20	63
2			2	5	093	44.3	L	✓	30	94
3			3	5	109	41.2	A	✓	40	126
4			4	6	104	55.8	A	✓	50	157
5			5	5	103	45.8	A	✓	60	188
6			6	6	102	51.9	A	✓	70	220
7			7	5	101	44.6	A	✓	80	251
8			8	5	095	48.5	A	✓		
9			9	5	091	45.5	A	✓	class 1	0-10 cm
10			10	5	105	49.9	A	✓	class 2	10-20 cm
Class 3			11	5	98	45.4	A	✓	class 3	20-30
1	419	29.2	12	5	100	49.6	A	✓	class 4	30-40
2	408	29.8	13	5	97	49.3	A	✓	class 5	40-50
3	417	31.5	14	5	96	43.2	A	✓	class 6	50-60
4	414	30.4	15	4	94	38.1	A	✓	class 7	60-70
5	411	21.9	16	5	106	46.0	A	✓	class 8	70-80
6	406	29.8	17							
7	407	27	18							
8	420	24.7	19							
9	413	22.6	20							
10	412	21.0								
Class 4										
1	409	41.0								
2	401	44.6								
3	403	35								
4	402	38.5								
5	405	36.9								
6	415	35.5								
7	416	40.3								
8	404	35.1								
9										
10	418	33.0								

add class 5

* Large tree assessed as dead in baseline measurements
GPS waypoint = P9-lrg tree
Has new growth/foliage. DBH = 106.5cm

Tree growth (DBH) data sheet

Date: 13/11/2019   Plot no: 9   Recorders: RE

The diameter at breast height (DBH) of 20 tagged & GPS'd large trees and 20 trees from each across class sizes (2, 3/ 4) are to be measured and recorded. Transects a, b, c & d were used to identify trees from size classes 2,3/ 4 and marked with yellow tape? The DBH of the tagged trees is measured at the nail holding the tag.
The additional taped 20 trees is to be measured using the wooden DBH marker, BM to demonstrate use.
Recored actual DBH and DBH class.

20 trees from class 2, 3/ 4					20 large trees					dbh(cm)	circ (cm)
Class 2	Tree number	DBH	Tree	Class	Tree number	DBH	Dead (D) Alive (L)	GPS Marked		10	31
1			1	5	93	44.3	L	✓		20	63
2			2							30	94
3			3							40	126
4			4							50	157
5			5							60	188
6			6							70	220
7			7							80	251
8			8								
9			9							class 1	0-10 cm
10			10							class 2	10-20 cm
Class 3			11							class 3	20-30
1			12							class 4	30-40
2			13							class 5	40-50
3			14							class 6	50-60
4			15							class 7	60-70
5			16							class 8	70-80
6			17								
7			18								
8			19								
9	0419	29.2	20								
10											
Class 4											
1											
2											
3											
4											
5											
6											
7											
8											
9											
10											

7 *If a burl — take a measure below and above then average and make a measure note

Tree growth (DBH) data sheet

Date: 13/11/19 **Plot no:** 9 **Recorders:** PW & TS **Treatment:**

The diameter at breast height (DBH) of 20 tagged & GPS'd large trees and 20 trees from each across class sizes (2, 3/ 4) are to be measured and recorded. Transects a, b, c & d were used to identify trees from size classes 2,3/ 4 and marked with yellow tape? The DBH of the tagged trees is measured at the nail holding the tag.

The additional taped 20 trees is to be measured using the wooden DBH marker, BM to demonstrate use. Recored actual DBH and DBH class.

20 trees from class 2, 3/ 4				20 large trees			Disc marked		dbh(cm)	circ (cm)
Class 2	Tree number	DBH	Tree	Class	Tree number	DBH (44.3)	Dead (D) Alive (L)	GPS Marked	10	31
1			1	~~5~~ 5	~~0093~~ 0093 44.3		L	✓	20	63
2			2						30	94
3			3						40	126
4			4						50	157
5			5						60	188
6			6						70	220
7			7						80	251
8			8							
9			9						class 1	0-10 cm
10			10						class 2	10-20 cm
Class 3			11						class 3	20-30
1			12						class 4	30-40
2			13						class 5	40-50
3			14						class 6	50-60
4			15						class 7	60-70
5			16						class 8	70-80
6			17							
7			18							
8			19							
9	0419	24.2	20							
10										
Class 4										
1										
2										
3										
4										
5										
6										
7										
8										
9										
10										