

APPENDIX 8-1

Special equipment list

1.	Growth Plot Record Sheets
2.	Tree Tags - round plastic blue tags in sets of 1 to 300
3.	Five centimetre aluminum nails
4.	Claw hammer
5.	Cone of string
6.	Aluminum growth plot markers
7.	Aluminum tubular stakes
8.	Tree gauge
9.	Straws for age core collection
10.	Apron
11.	Metal plot tape (logger's tape)
12.	White Chalk
13.	Pocket calculator
14.	Coat hanger

RESULTS FOR	MIN	MAX	MEAN	STD. DEV.
HEIGHT	7.772	28.872	18.948	6.624
DIAMETER	2.748	29.824	24.824	9.707
SITE INDEX	20.000	100.000	50.000	30.000

Figure 8-10 Final statistics

APPENDIX 8-2

The point and plot center aluminum growth plot marker for field plot samples.

Standard equipment list

1. Instrument sack

2. Compass

3. D.B.H. tape

4. Cloth tape (30 m)

5. Chain

6. Clinometer

7. Increment borer

8. Hand lens

9. Safety gear (hard hat, first aid kit, etc.)

10. Tally board

11. Flagging

1. Instrument sack
2. Compass
3. D.B.H. tape
4. Cloth tape (30 m)
5. Chain
6. Clinometer
7. Increment borer
8. Hand lens
9. Safety gear (hard hat, first aid kit, etc.)
10. Tally board
11. Flagging
R. No. _____
DATE _____
NATURAL   MANAGED
INSTAL. No. _____
B. C. F. S.
FOREST INVENTORY BRANCH

Appendix 8 - 3

Tie point and plot centre aluminum growth plot marker for multi-plot samples.

CENTRE FOR GROWTH	
SAMPLE No. ---	PLOT No. ---
TIE POINT FOR GROWTH	
SAMPLE No. ---	PLOT No. ---
BEARING ---	---
DISTANCE ---	---
R. No. ---	COMP. No. ---
DATE ---	
NATURAL	MANAGED
---	INSTAL. No. ---
B. C. F. S.	
FOREST INVENTORY BRANCH	

## Appendix 8-4

Plot radii slope allowance table

PLOT RADII SLOPE ALLOWANCE			
% SLOPE	0.015ha 6.91 m	0.025ha 8.92 m	0.035ha 10.56 m
	PLOT RADII PLUS SLOPE ALLOWANCE (metres)		
10	6.94	8.96	10.61
12	6.96	8.98	10.64
14	6.98	9.01	10.66
16	7.00	9.03	10.69
18	7.02	9.06	10.73
20	7.05	9.10	10.77
22	7.08	9.13	10.81
24	7.11	9.17	10.86
26	7.14	9.22	10.91
28	7.18	9.26	10.97
30	7.21	9.31	11.02
32	7.26	9.37	11.09
34	7.30	9.42	11.15
36	7.34	9.48	11.22
38	7.39	9.54	11.30
40	7.44	9.61	11.37
42	7.49	9.67	11.45
44	7.55	9.75	11.54
46	7.61	9.82	11.62
48	7.66	9.89	11.71
50	7.73	9.97	11.81
52	7.79	10.05	11.90
54	7.85	10.14	12.00
56	7.92	10.22	12.10
58	7.99	10.31	12.21
60	8.06	10.40	12.31
62	8.13	10.50	12.42
64	8.20	10.59	12.54
66	8.28	10.69	12.65
68	8.36	10.79	12.77
70	8.43	10.89	12.89
72	8.51	10.99	13.01
74	8.60	11.10	13.14
76	8.68	11.20	13.26
78	8.76	11.31	13.39
80	8.85	11.42	13.52
82	8.94	11.54	13.66
84	9.03	11.65	13.79
86	9.11	11.76	13.93
88	9.20	11.88	14.07
90	9.30	12.00	14.21
92	9.39	12.12	14.35
94	9.48	12.24	14.49
96	9.58	12.37	14.64
98	9.67	12.49	14.79
100	9.77	12.61	14.93

Plot radius slope allowance table

APPENDIX 8-5			SLOPE %
Sub-plot sizes and radii			
Sub-plot size (ha)	Radius (m)		
0.0001	0.56	18	
0.0003	0.98	22	
0.001	1.78	26	
0.0015	2.19	30	
0.003	3.09	34	
0.005	3.99	38	
0.01	5.64	42	
0.015	6.91	46	
0.025	8.92	50	
0.03	9.77	54	
0.035	10.56	58	
0.05	12.62	62	
0.08	15.96	66	
		70	
		74	
		78	
		82	
		86	
		90	
		94	
		98	
		100	







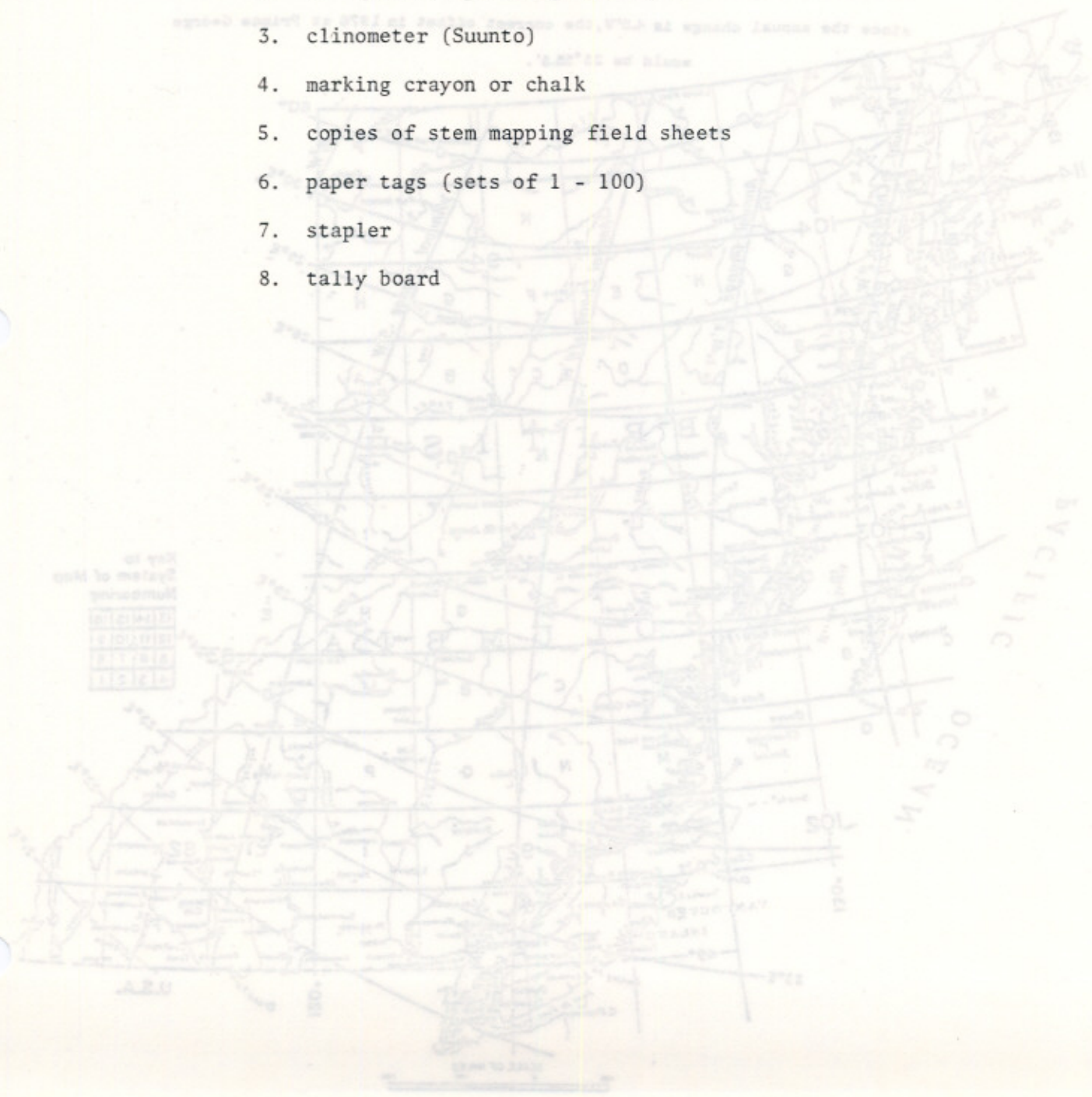


APPENDIX 8-8  
LIST OF LOCAL MAPS, INSTRUMENTS AND SUPPLIES

Stem mapping equipment list

The lines of equal magnetic declination (also called isogenic lines) are marked 20°E, 20°W, etc. - The lines of equal annual change in the magnetic declination (also called isogonic lines) are marked Annual Change 2°E, 2°W, etc.

1. Azimuth bearing staff compass with tripod and plumb bob
2. 30 m cloth tape (cm graduation)
3. clinometer (Suunto)
4. marking crayon or chalk
5. copies of stem mapping field sheets
6. paper tags (sets of 1 - 100)
7. stapler
8. tally board



Appendix 8-9  
Isogonic chart

FOREST SURVEYS AND INVENTORY DIVISION ISOCONIC - ISOPORIC CHART  
LINES OF EQUAL MAGNETIC DECLINATION AND ANNUAL CHANGE  
IN BRITISH COLUMBIA FOR 1975

The lines of equal magnetic declination (also called isogonic lines) are marked 24°E, 25°E, etc. - The lines of equal annual change in the magnetic declination (also called isoporic lines) are marked Annual Change 2'W, 5'W, etc. - In British Columbia, magnetic north is east of astronomic north,  
Example: Correct compass offset at Prince George in 1975 is 25° and since the annual change is 4.5'W, the correct offset in 1976 at Prince George would be 25°55.5'.

