



GOVERNMENT OF MAHARASHTRA

WORKING PLAN

FOR

**THE FORESTS
OF
CHANDRAPUR FOREST DIVISION
(NORTH CHANDRAPUR CIRCLE)**

VOLUME-II

BY

**(Dr.S.S.SRIVASTAVA,IFS)
DEPUTY CONSERVATOR OF FORESTS
WORKING PLAN DIVISION-II
CHANDRAPUR**

LIST OF APPENDICES

APPENDIX NO.	PARA NO.	TITLES	PAGE NO.
1	2	3	4
I	1.4.3	STATEMENT SHOWING THE MEAN MINIMUM/MEAN MAXIMUM TEMPERATURE DURING THE YEAR FOR TEN YEAR AT CHANDRAPUR STATION	1
II	1.4.5	STATEMENT SHOWING RAILFALL DATA FROM 1994 TO 2000	2
III	1.4.7	STATEMENT SHOWING AVERAGE MONTHLY RELATIVE HUMITY PERCENTAGE FOR THE PERIOD FROM 1992 TO 2000	3
IV	1.5.5	STATEMENT SHOWING LIST OF TANKS AND ANICUTS	4
V	1.5.5	STATEMENT SHOWING WATER LEVEL BELOW GROUND IN SUMMER AND WINTER	5
VI	1.6.2	STATEMENT SHOWING THE RANGE,ROUND AND BEAT IN CHANDRAPUR FOREST DIVISION	7
VII	1.6.3	AREA STATEMENT OF CHANDRAPUR FOREST DIVISION	39
VIII	1.6.4	STATEMENT SHOWING THE COMPENSATORY AFFORESTATION PLANTATION UNDER THE FOREST CONSERVATION ACT 1980	40
IX	16.4	STATEMENT SHOWING THE AREA OF RESERVED AND PROTECTED FOREST DISFORESTED AS PER NOTIFICATION	42
X	1.7.2	STATEMENT SHOWING THE EXTENT OF NATURAL AND ARTIFICIAL BOUNDARY OF CHANDRAPUR DIVISION	48

XI	1.8.2	STATEMENT SHOWING THE DETAILS OF PROTECTED FOREST DECLARED AS RESEVED FOREST AS PER NOTIFICATION	49
XII	1.8.2	STATEMENT SHOWING THE AREA OF RESERVED AND PROTECTED FOREST DISFORESTED AS PER NOTIFICATION	42
XIII	3.2.4	STATEMENT SHOWING THE LIST OF SAW MILLS IN CHANDRAPUR FOREST DIVISION	53
XIV	3.2.6	STATEMENT SHOWING THE RECOMMENDED STRAINS OF GRASSES, SUITABLE FOR PLANTING UNDER DIFFERENT SOIL AND CLIMATIC CONDITION	55
XV	3.2.6	STATEMENT SHOWING THE QUALITY AND THE PRICE OF FOREST PRODUCE REALISED	57
XVI	3.3.2	STATEMENT SHOWING THE EXISTING ROADS IN CHANDRAPUR FOREST DIVISION	58
XVII	3.5.1	STATEMENT SHOWING THE DETAILS OF WAGE BOARD RATES FOR 2000-01	60
XVIII	5.5.1	STATEMENT SHOWING THE ANNUAL OUTTURN OF JAMOR AND MINOR FOREST PRODUCE FOR THE YEARS 1990-91 TO 1999-2000	71
XIX	5.6.1	STATEMENT SHOWING THE GROSS REVENUE FOR THE YEAR 1990-91 TO 1999-2000	76
XX	5.6.1	STATEMENT SHOWING THE EXPENDITURE UNDER SCHEME/PLAN FROM 1990-91 TO 1999-2000	77
XXI	5.6.1	STATEMENT SHOWING THE YEARWISE EXPENDITURE UNDER PLAN/NON-PLAN	78
XXII	7.1.2	CAI/MAI CURVE	79
XXIII	7.2.4	GENERAL VOLUME TABLE	80

XXIV	7.2.8	VOLUME CONVERSION FACTOR FOR BALLARSHAH CATCHMENT.	93
XXV	7.2.8	VOLUME CONVERSION FACTOR FOR BALLARSHAH CATCHMENT, CHANDRAPUR DISTRICT FOR TEAK-MISCELLANEOUS FOREST	95
XXVI	7.2.8	VOLUME CONVERSION FACTOR FOR BALLARSHAH CATCHMENT, CHANDRAPUR DISTRICT FOR MISCELLANEOUS FOREST	96
XXVII	7.2.9	STATEMENT SHOWING THE ENUMERATION DATA OF SELECTION-CUM-IMPROVEMENT WORKING CIRCLE	97
XXVIII	7.3.1	STATEMENT SHOWING THE ANNUAL YIELD OF WORKING CIRCLE	109
XXIX	7.4.1	LIST OF SAMPLE PLOTS AND PRESERVATION PLOTS IN CHANDRAPUR FOREST DIVISION	110
XXX	8.7.2	STATEMENT SHOWING FINAL CLASSIFICATION OF AREA BY RANGES AND COMPARTMENTS.	112
XXXI	9.4.1	STATEMENT SHOWING THE RANGEWISE COMPARTMENT ALLOTTED TO S.C.I. WORKING CIRCLE.	113
XXXII	9.5.1	STATEMENT SHOWING THE RESULTS OF STOCK MAPPING FOR CHANDRAPUR FOREST DIVISION	114
XXXIII		CONVENTIONAL SIGNS, SYMBOLS AND COLOURS USED IN STOCK MAPPING	129
XXXIV	9.10.1	STATEMENT SHOWING THE FELLING SERIESWISE COMPARTMENT ALLOTTED TO SELECTION-CUM-IMPROVEMENT WORKING CIRCLE	137

XXXV XXXVI	9.13.1	STATEMENT SHOWING SEQUENCE OF FELLING AND PLANTING IN SELECTION- CUM-IMPROVEMENT WORKING CIRCLE.	141
XXXVII	10.7.1	STATEMENT SHOWING THE RANGWISE COMPARTMENT ALLOTTED TO IMPROVEMENT WORKING CIRCLE	149
XXXVIII	10.8.1	STATEMENT SHOWING THE FELLING SERIESWISE COMPARTMENT ALLOTTED TO IMPROVEMENT WORKING CIRCLE	150
XXXIX	10.10.1	STATEMENT SHOWING THE SEQUENCE OF FELLING AND PLANTING IN IMPROVEMENT WORKING CIRCLE	172
XL	11.8.1	STATEMENT SHOWING THE FELLING SERIESWISE COMPARTMENT ALLOTTED TO TEAK PLANTATION WORKING CIRCLE	198
XLI	11.17.2	STATEMENT SHOWING THE SEQUENCE OF FELLING AND SUBSIDIARY CULTURAL OPERATION IN PLANTING WORKING CIRCLE	199
XLII	11.17.2	STATEMENT SHOWING THE SEQUENCE OF THINNING SCHEDULE IN PLANTATION WORKING CIRCLE	200
XLIII	12.2.4	STATEMENT SHOWING THE EXTENT OF BAMBOO BEARING AREA.	201
XLIV	12.3.1	STATEMENT SHOWING THE SEQUENCE OF CUTTING IN THE COMMERCIAL BAMBOO- OVERLAPPING-WORKING CIRCLE	205
XLV	12.3.1	STATEMENT SHOWING THE SEQUENCE OF CUTTING IN THE NISTAR BAMBOO (OVELAPPING) WORKING CIRCLE	208
XLVI	13.2.7	THE IMPROTANT MEDICINAL PLANTS WHICH HAVE BEEN IDENTIFIED IN THIS TRACT .	212

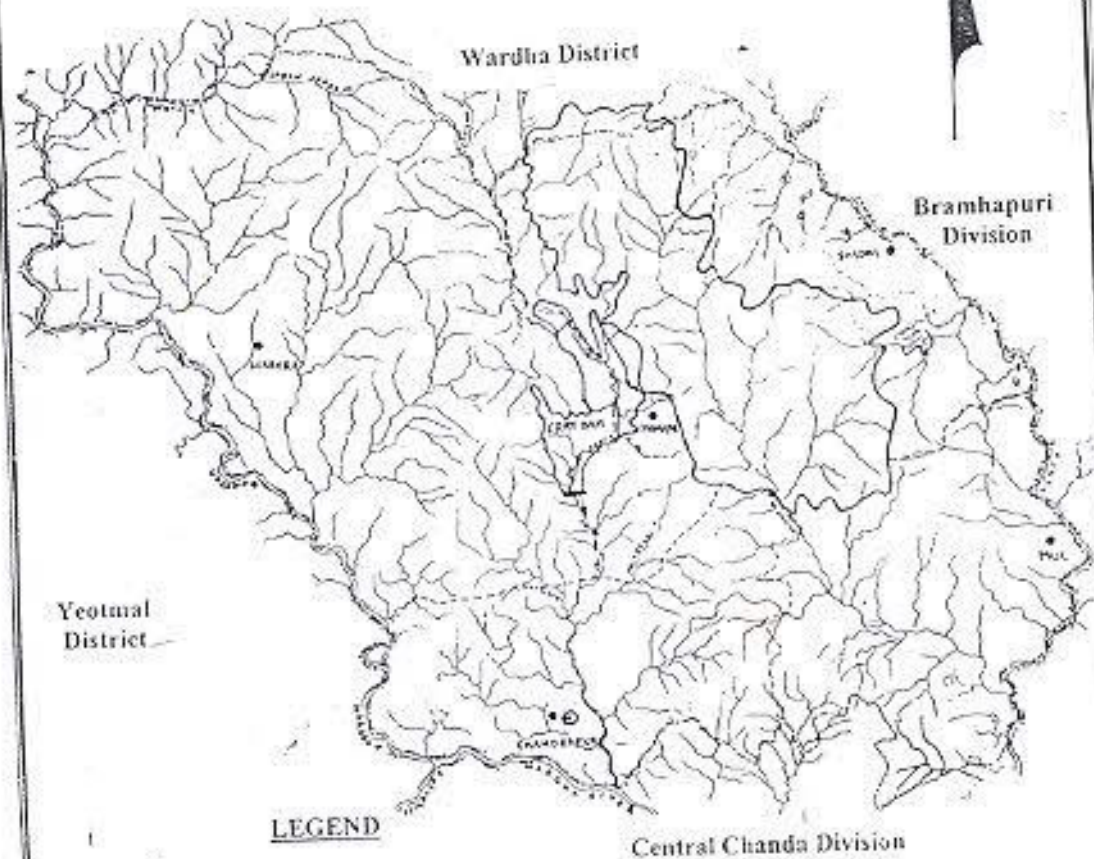
XLVII	14.8.3	ECO-TOURISM	224
XLVIII	14.8.4	ECO-TOURISM INITIATION OF IN STATE OF MAHARASHTRA STANDING ORDER NO.002	234
XLIX	15.3.1	DETAILS OF GUIDELINES ISSUED BY THE P.C.C.F M.S.NAGPUR REGARDING DESIGN AND ESTIMATE OF R.C.C. PILLARS TO BE USED FOR THE MAINTENANCE OF FOREST BOUNDARIES	237
L		STATEMENT SHOWING THE FIVE YEAR BOUNDARY DEMARCATON AND VERIFICATION PROGRAMME	246
LI	15.7.8	ग्रामीणाच्या सहभागातुन वनव्यवस्थापन	259
LII		DETAILS OF A- FRAME	266
LIII		DESIGNS AND DETAILS OF NALA BUNDS	267
LIV	1510.2	GRAZING RULES FOR THE MAHARASHTRA STATE	269
LV	15.22.4 16.1.2	PROFORMA FOR THE SUBMISSION OF DEVIATION PROPOSALS	276
LVI	15.34.1	STATEMENT SHOWING THE LIST OF BUILDING OF CHANDRAPUR FOREST DIVISION	277
LVII	15.40.1	STATEMENT SHOWING THE RANGE, VILLAGE AND SURVEY NUMBERWISE PROTECTED FOREST AS PER NOTIFICATION	291
LVIII	16.1.2	CONTROL FORM FOR SELECTION-CUM- IMPROVEMENT WORKING CIRCLE	335
LIX	16.2.2	DESCRIPTION OF THE COMPARTMENTS	344
LX	16.3.4	PLANTATION REGISTER FORMS	348
LXI	16.3.4	NURSERY REGISTER FORMS	353
LXII		ENCROACHMENT ON FOREST AREA AS ON 25/1/2002.	359

LXIII		STATEMENT SHOWING THE ENCROACHMENT ON FOREST LAND.	360
LXIV		STATEMENT SHOWING THE DETAILS OF ENCROACMENT ON FOREST AREAS RANGEWISE IN CHANDRAPUR FOREST DIVISION.	361

--OO--

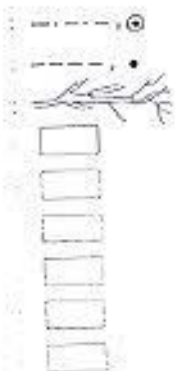
DRAINAGE MAP OF CHANDRAPUR FOREST DIVISION

N



LEGEND

- Division Boundary & H.Q.
- Range Boundary & H.Q.
- River / Nalla
- Tadoba-Andhari Tiger Reserve
- Chandrapur Range
- Mul Range
- Warora Range
- Moharli Range
- Kolasa Range



Dy. C.F.
Working Plan Div. II
Chandrapur.

Prepared by: S. R. Mahajan (Forest Surveyor)

APPENDIX NO. I (Vide Para No. 1.4.3) STATEMENT SHOWING THE MEAN MINIMUM/MEAN MAXIMUM TEMPERATURE DURING THE YEAR FOR TEN YEARS AT CHANDRAPUR STATION (1991-2000)		
Month	Temperature in selcius	
	Maximum	Minimum
1	2	3
January	34.71	10.38
February	37.23	11.85
March	41.52	17.21
April	43.91	20.55
May	46.51	23.87
June	46.22	21.83
July	36.73	22.52
August	34.35	22.43
September	34.65	22
October	34.83	17.53
November	36.6	12.9
December	33.9	8.9

APENDIX NO. II
(Vide Para-1.4.5)
STATEMENT SHOWING RAINFALL DATA (mm) FROM 1994 TO 2000
(A) CHANDRAPUR STATION

Year	Jan		Feb		Mar		April		May		June		July		Aug		Sept		Oct		Nov		Dec	
	NRD	RF	NRD	RF	NRD	RF	NRD	RF	NRD	RF	NRD	RF	NRD	RF	NRD	RF	NRD	RF	NRD	RF	NRD	RF	NRD	RF
1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1994	--	--	--	--	--	--	--	--	--	--	6	304.2	20	696.3	29	370	13	168.4	5	104	--	--	--	--
1995	-	-	-	-	-	-	-	-	-	-	10	256.1	19	351.2	16	200.3	11	345.2	6	191	--	--	--	--
1996	--	--	--	--	--	--	--	--	--	--	6	102.9	20	233.3	29	275.4	13	174.2	5	40.7	--	--	--	--
1997	--	--	--	--	--	--	--	--	--	--	10	154.5	21	257.4	20	242.6	16	207.8	3	41.3	--	--	--	--
1998	--	--	--	--	--	--	--	--	--	--	13	176.4	17	473.6	23	302.4	18	251.2	8	106	--	--	--	--
1999	--	--	--	--	--	--	--	--	--	--	18	312.4	16	159.3	19	263.5	21	232.9	6	103	--	--	--	--
2000	--	--	--	--	--	--	--	--	--	--	16	184.2	20	382.9	18	338.2	8	228.2	5	50.4	--	--	--	--
											(B) MUL STATION													
1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1994	--	--	--	--	--	--	--	--	--	--	7	224.3	24	461.3	24	339.6	9	204.6	4	118	--	--	--	--
1995	--	--	--	--	--	--	--	--	--	--	8	251.4	20	324	15	251.7	9	202.6	5	204	--	--	--	--
1996	--	--	--	--	--	--	--	--	--	--	7	126.6	20	192.9	24	317.2	9	133.6	4	27.4	--	--	--	--
1997	--	--	--	--	--	--	--	--	--	--	11	177.8	19	209.9	18	429.1	15	202.6	4	61.7	--	--	--	--
1998	--	--	--	--	--	--	--	--	--	--	9	164.6	19	325.1	23	295.1	17	334.8	5	72.6	--	--	--	--
1999	--	--	--	--	--	--	--	--	--	--	12	150.2	22	177.6	17	297.4	22	361	5	37	--	--	--	--
2000	--	--	--	--	--	--	--	--	--	--	12	177.2	18	394.4	18	316.1	5	189.1	4	60	--	--	--	--

(C) WARORA STATION

1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1994	--	--	--	--	--	--	--	--	--	4	276.6	23	648.1	21	329.1	11	222	4	184	--	--	--	--
1995	--	--	--	--	--	--	--	--	--	11	329.3	18	255.3	11	90.9	10	218.9	3	237	--	--	--	--
1996	--	--	--	--	--	--	--	--	--	4	62.8	23	284	21	311.3	11	123.3	4	62.9	--	--	--	--
1997	--	--	--	--	--	--	--	--	--	9	132.9	16	267.9	16	234.9	13	189.9	5	68.9	--	--	--	--
1998	--	--	--	--	--	--	--	--	--	9	160.2	14	284.9	19	294.4	17	216.1	4	71	--	--	--	--
1999	--	--	--	--	--	--	--	--	--	16	252.9	12	87	15	197.7	14	121.2	6	88.4	--	--	--	--
2000	--	--	--	--	--	--	--	--	--	15	183.7	14	373.6	13	288.9	4	193.3	6	53.6	--	--	--	--
(D) BHADRAWATI STATION																							
1991	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1992	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1993	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1994	--	--	--	--	--	--	--	--	--	5	319.6	14	837.2	22	430	9	188.8	5	135	--	--	--	--
1995	--	--	--	--	--	--	--	--	--	10	202.4	14	173.9	13	203	10	201.2	3	236	--	--	--	--
1996	--	--	--	--	--	--	--	--	--	5	110.4	15	250.8	22	251.6	9	101.8	5	56.2	--	--	--	--
1997	--	--	--	--	--	--	--	--	--	10	165.4	17	266.4	13	244.8	14	340.6	5	60.8	--	--	--	--
1998	--	--	--	--	--	--	--	--	--	9	267.8	13	288.4	19	327.8	15	389.2	3	79.4	--	--	--	--
1999	--	--	--	--	--	--	--	--	--	14	334.8	13	154.6	16	202.8	15	189	8	188	--	--	--	--
2000	--	--	--	--	--	--	--	--	--	13	183.7	15	373.6	15	288.9	4	186	5	53.6	--	--	--	--

APPENDIX NO. – III.**(Vide Para No.1.4.7)****STATEMENT SHOWING AVERAGE MONTHLY RELATIVE HUMIDITY PERCENTAGE FOR THE PERIOD FROM 1992 TO 2000****CHANDRAPUR STATION**

Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
1	2	3	4	5	6	7	8	9	10	11	12	13
1991	--	--	--	--	--	--	--	--	--	--	--	--
1992	0.65	0.45	0.35	-	-	0.55	0.73	-	6.77	0.71	0.68	0.7
1993	0.62	0.33	0.47	0.37	0.3	0.55	0.77	0.81	0.83	0.74	-	0.73
1994	-	0.63	0.41	0.42	-	0.7	0.84	0.87	-	0.77	0.82	0.89
1995	-	0.7	0.57	-	-	0.51	0.82	0.79	-	-	-	-
1996	0.71	0.61	0.41	-	0.27	-	0.76	0.84	0.75	0.7	-	-
1997	0.6	-	-	-	0.28	0.47	0.71	0.74	0.78	0.71	0.69	0.71
1998	0.69	0.6	0.46	0.35	0.37	0.54	0.75	0.76	0.8	0.74	0.75	0.7
1999	0.64	0.58	0.5	0.36	0.38	0.63	0.75	0.81	0.83	0.76	0.64	0.61
2000	0.58	0.51	0.43	0.31	0.41	0.69	0.76	0.78	0.77	0.72	0.62	0.58

APPENDIX NO. IV (Vide Para No.1.5.5) STATEMENT SHOWING LIST OF TANKS AND ANICUTS.
--

Sr.No.	Situation	Year of Construction	Cost of Construction	Use/Purpose Purpose	Range
1	2	3	4	5	6
1	Tank of walni	N.A. *	N.A. *	IrrigationTanks	comptt No.13. Warora.
2	Tank at Junona F.V.	—do—	—do—	Drinking & Irrigation	Moharli
3	Agarzari	—do—	—do—	—do—	—do—
4	Dewada	—do—	—do—	—do—	—do—
5	Adegaon	—do—	—do—	—do—	—do—
6	Pandharpani	—do—	—do—	—do—	—do—
7	Mahalgaon	—do—	—do—	Fisheries	—do—
8	Paharni	—do—	—do—	cultivation	Kolsa
9	Kolsa	—do—	—do—	—do—	Kolsa
10	Rantalodhi	—do—	—do—	—do—	Kolsa
11	Piperheti	—do—	—do—	—do—	Kolsa
12	Pangri	—do—	—do—	—do—	Kolsa
13	Asegao Comptt. No.464 B	—do—	—do—	Irrigation	Mul
14	Fulzari	1954-55	—do—	Unservicable	Mul
15	Ghanta Chauki	—do—	—do—	Irrigation	Chanrapur
16	Anicuts.				
17	Janala Nursery	1970-71	4371.88	Nursery Use	Mul
* N.A.Not available					

APPENDIX No V
(Vide Para No.1.5.5)
STATEMENT SHOWING WATER LEVEL BELOW GROUND IN SUMMER AND WINTER

Sr No.	Name of village	Tahsil	Water level below ground (Meter)	
			Summer (April-May)	Winter (Oct-Dec.)
1	2	3	4	5
1	Wadgao	Chandrapur	3.96 m.	N.A
2	Chichpalli	Chandrapur	10.66	1.72
3	Mul	Mul	6.70	2.26
4	Ghugus	Chandrapur	11.27	8.12
5	Mahakural	Chandrapur	10.36	1.57
6	Bhojgao Hili	Chandrapur	9.44	1.52
7	Moharli	Chandrapur	8.53	2.51
8	Pandhrapani	Chandrapur	10.36	1.42
9	Tadali	Chandrapur	11.27	2.13
10	Bhadrawati	Bhadrawati	9.44	1.16
11	Tembhurda	Bhadrawati	11.58	2.81
12	Khambada	Warora	7.92	1.57
13	Warora	Warora	10.97	5.15
14	Shegao	Warora	7.01	1.44
15	Bothali	Warora	7.92	4.85
16	Khadsangi	Warora	10.05	3.78
17	Jambhurlghat	Warora	8.22	3.78
18	Shankarpur	Warora	4.87	3.78
19	Nyrdha	Warora	6.70	3.78
20	Neri	Warora	9.44	3.78
21	Motegao	Warora	10.36	3.78
	Total		187.03	3.78
	No.		21.00	3.78
	Average Water Level		6.24 m	3.78

*

APPENDIX NO.VI

(Vide Para No. 1.6.2)

STATEMENT SHOWING THE RANGE, ROUND AND BEAT IN CHANDRAPUR FOREST DIVISION,.

Range	Round	Beat	R.F.		F.D.C.M		New R.F.		P.F.		Unclass Forest		Remarks
			Comptt. No.	Area	Comptt. No.	Area	Comptt. No.	Area	Comptt. No.	Area	Comptt. No.	Area	Included Villages
1	2	3	4	5	6	7	8	9	10	11	12	13	14
Chandrapur	Warwat	Nimbala	374	571.00	382	254.14			605 A	2.32			Waygaon-Mal
			375	223.79					605 B	0.76			Waygaon- chak
			376	372.71					606	2.19			Borada-Ray
			377	555.64					607	6.61			Chak-Nimbala
			378	428.56					608	0.24			
			379	277.21					609	3.29			
									610	56.62			
									611	233.70			
									612	0.05			
									613	7.45			
									618	32.37			
									619	84.48			
		Total	6	2428.91	1	254.14			12	430..08			
		Mamla	380	216.91	381	818.67	542	23.40	598	63.00			Mamla

					384	296.63			599	13.13			Nimbala
					383	381.61			600	9.55			
					389	378.79			601	10.25			
					390	220.14			602	15.21			
					391	208.41			603	6.66			
					392	123.83			604	0.28			
		Total	1	216.91	7	2428.08	1	23.40	7	118.08			
		Chorgaon							587	200.34			Chora
									588	189.51			Khandala
									589	192.90			
									590	207.57			
									591	232.36			
									592	205.98			
									593	218.53			
									594	192.23			
									595	188.18			
									596	202.34			
									597	182.36			
		Total							11	2212.27			
		Warwat	399	194.65	385	409.53			578	139.62			Warwat

		Total	4	1100.117									
		South	407	79.31	410	317.27							
		Lohara	408	116.14	411	65.96							
			409	315.65	412	182.51							
					413	171.18							
					414	110.48							
					415	239.57							
		Total	3	511.10	6	1086.97							
	Tota of Roundl		9	1872.637	11	2526.42			3	91.40			
	Junona	North	397	380.81	393	313.23	541	11.63	575	0.85			Lohara
		Lohara	398	301.89	394	231.88			576	0.32			
					395	349.24			577	38.01			
					396	276.40							
		Total	2	682.70	4	1170.75	1	11.63	3	39.18			
		West			475	293.80			574 A	11.20			Junona-
		Lohara			476	453.65			574 B	13.91			Rayatwari
					477	137.59							
					478	272.34							
					479	268.71							
					480	235.12							
					481	268.31							
		Total			7	1929.52			2	25.11			

		Ghanta-	520	509.50	416	341.55							
		Chouki			417	121.40							
					418	430.98							
					419	135.57							
					420	150.14							
					421	365.43							
		Total	1	509.5	6	1545.07							
		East-			465	108.86							
		Junona			466	306.75							
					467	464.17							
					468	242.81							
					472	125.85							
					473	254.14							
					474	222.17							
					501	276.40							
					502	256.97							
					503	217.31							
					504	327.79							
					505	357.74							
		Total			12	3160.96							
	Total of Round		3	1192.20	29	7806.30	1	11.63	5	64.29			
Total of Range			21	6292.987	52	14172.31	2	35.03	48	3281.10			

Mul	Mul	Bhadurna	323	656.23					793	35.27			Shivapur-Ray.
			324	443.13					794	12.28			Padzari
									795	107.08			Padzari-Chak
									796 A	5.39			Usrada-Ray.
									796 B	6.02			Shivapur-Chak
									796 C	4.98			Shivapur-Rith
									796 D	4.54			Ratnapur
									797	110.22			
									798	20.64			
									799	32.15			
									800	0.27			
									801	20.74			
									802	1.11			
									803	51.36			
		Total	2	1102.36					14	412.05			
		Maroda	325	414.40					763	195.46			Karwan
			328	634.14					764	0.45			Maroda
			350	591.67					765	0.95			
									766	194.25			
									767	191.33			
									768	163.08			

									769 A	10.28			
									769 B	3.79			
									770	2.19			
									771	3.52			
									772	73.04			
									773	184.33			
									774	90.86			
									775	120.53			
									776	2.44			
									777	1.50			
									778	0.32			
									779	152.87			
									780	1.31			
									781	3.10			
									782	89.03			
									783	33.05			
									784	0.78			
									785	51.21			
									786	12.09			
									787	85.52			
									788	262.45			
									789	22.03			

									790	59.62			
									791	8.40			
									792	318.59			
		Total	3	1440.21					31	2338.57			
		Doni	327	589.23									
			349	469.04									
			329	365.42									
		Total	3	1423.69									
		Janala	351	551.97	355	510.31	533	59.44	689	1.28			Nanda-Tukum
			352	569.80	523	121.41	534	40.48	690	3.24			Chiroli-Ray.
			356	182.11	524	1011.71	539	29.01	691	22.90			Niljai
			359	359.488					692	8.90			Agadi
									696	14.32			Janala
									697	7.93			Mhasbodan
									714	230.12			Kantapeth
									715	199.91			Chiroli
									716	61.11			Tolewahi
									717	77.53			
									718	71.56			
									719	80.70			
									720	251.45			
									721	105.10			

									722	3.14			
									723	4.87			
									724	3.50			
									725	58.57			
									726	36.57			
									727	22.52			
									728	0.20			
									729	1.68			
									730	4.78			
									731	0.59			
		Total	4	1663.368	3	1643.43	3	128.93	24	1272.48			
		Vihirgaon	353	411.58	354	179.27	535	149.29	748	6.88			Dagadtalao
					522	380.41	536	110.24	749	102.54			Gothangaon-Rith
									750	120.36			Kawadpeth-chak
									751	4.25			Tadala-tukum
									752	243.09			Antargaon
									753	165.26			Gondivihirgaon
									754	41.67			Vihirgaon-tukum
									755	2.57			Chicholi
									756	66.15			Mul
									757	176.58			Rampur-tukum

									758	2.26			Katwan-mal
									759	220.10			Katwan-Ray.
									760	1.75			
									761	187.57			
									762	237.38			
		Total	1	411.58	2	559.68	2	259.53	15	1578.41			
		Mul									1008	11.83	Shivapur-chak
											1010	47.03	Shiwapur-Tukum
											1011	3.02	Haldigaon-ganana
											1012	9.22	Mul
											1013	2.59	Sushidabgaon
		Total									5	73.69	
	Total of Round		13	6241.208	5	2203.11	5	388.46	84	5601.51	5	73.69	
	Nagala	Peth	347	383.64	369	273.55	531	7.47	621	10.33			Zari
			348	322.13			532	3.86	622	2.74			
			361	584.37									
			370	331.83									
		Total	4	1621.97	1	273.55	2	11.33	2	13.07			
		Mahadwadi	357	574.24	358	555.64	537	58.67	633	101.62			Mahadwadi
					360	750.71	538	173.20	634	11.79			Gondsawari-Ray
					364	580.71			635	13.60			Nagala

					365	198.70			636	0.52			
									637	64.44			
									638	8.36			
									708	15.08			
									709	139.11			
									710	2.76			
									711	30.96			
		Total	1	574.24	4	2085.76	2	231.87	10	388.24			
		Piparkhut	1005	366.24	362	279.63	529	8.90	623	2.85			Pipalkhut-Chak
					363	295.42			624	1.44			Ppalkhut-Ray
					366	247.26			625	1.23			
					367	528.02			626	0.53			
									627	52.00			
		Total	1	366.24	4	1380.33	1	8.90	5	58.05			
		Haldi	368	214.46	372	598.09			620	3.76			Haldi-mal
									984	10.82			Haldi
									985	0.61			
		Total	1	214.46	1	598.09			3	15.19			
	Total of Round		7	2776.91	10	4337.73	5	25.10	20	474.55			
	Chichpalli	Chichpalli	426	195.05	422	289.75	528	297.84	628	124.67			Chichpalli
					423	500.59			629	57.31			Jamrala
					424	399.83			630	16.74			Ajaypur

					425	208.82			632	82.59			
									639	37.35			
		Total	1	195.05	4	1398.99	1	297.84	5	318.66			
		Gilbili	456	216.51	459	261.83	527	81.10	640	95.91			Gilbili
			457	365.43	460	331.43			641	12.58			mohadi-Tukum
									642	18.41			
									643	12.02			
									644	224.93			
									645	204.70			
		Total	2	581.94	2	593.26	1	81.10	6	568.55			
		Walni	519	1401.44			530	85.79	614	130.24			Walni-mal
									615	20.96			Walni-chak
									616	1.90			
									617	30.30			
		Total	1	1401.44			1	85.79	4	183.40			
		Asegaon	463	244.82	461	374.74							
			464	148.52	462	262.23							
			469	77.69	464	167.94							
					470	226.63							
					471	232.69							
		Total	3	471.03	5	1264.23							
	Total of Round		7	2649.46	11	3256.48	3	464.73	15	1070.61			

	Kelzar	Kelzar (I)	432	72.84	434	212.86	540	105.30	646	76.60			Kanhargaon-Ray
			433	242.40	435	517.18			647	53.20			Dabgaon-Tukum
					525	602.16			653	7.00			Akapur-Ray
									654 (A)	20.15			Akapur-Indapawar
									654 (B)	6.00			Dabgaon-Makta
									664	22.80			Sarajkheda
									665	5.30			Kelzar
									666	1.16			Sandala-Rith
									674	141.11			Marar-sawari
									675	14.96			Mararsawari-Ray
									676	41.16			
									677 (A)	17.51			
									677 (B)	4.93			
									678 (A)	1.03			
									678 (B)	3.40			
									679	126.83			
									680	8.59			
									681	2.12			
									693	2.15			
									694	0.58			
									695	33.25			

									698	6.69			
									699	0.93			
									700	8.81			
									701	68.31			
									702	0.59			
									703	0.93			
									704	2.56			
									705	7.47			
									706	2.07			
									707	10.38			
									712	4.21			
									713	35.62			
		Total	2	315.24	3	1332.20	1	105.30	33	738.40			
		Kelzar (ii)	430	199.51	428	706.98			631	0.22			Temta-mal
			431	233.09	429	333.05							
			436	514.75	458	247.26							
		Total	3	947.35	3	1287.29			1	0.22			
		Dewada							648	7.35			Dewada-Ku.
									649 (A)	25.36			Kosambi-rith
									649 (B)	65.68			Borda-Zullurwar
									550	35.38			Hattibodi-ray
									551	39.34			Borda-Dixit

									552	50.00			Borda-Indapwar
									966	0.21			Borda-borkar
									972	43.36			Amli-tukum
									973	0.72			Ghanoti-tukum
									974	23.90			Jamtukum-ray
									975	3.30			Rampur-Zadikar
									976	2.91			Rampur-Dixit
									977	2.92			Jamtukum-Khu
									978	1.14			
									979	1.30			
									980	0.54			
									981	2.85			
									982	0.49			
									983	0.15			
									667	184.96			
									668	13.47			
									669	19.04			
									670	5.94			
									671	1.12			
									672	242.33			
									673	240.77			

									1014	0.60			
									1016	46.23			
									1017	44.75			
		Total							32	1106.11			
		Dongarhaldi	437	204.36	516	1490.46			655	6.64			Dongarhaldi
			438	80.54	526	433.83			656	7.87			Dongarhaldi-Tuk
									657	5.34			Dongarhaldi-Ray
									658	1.65			
									659	0.63			
									660	5.11			
									661	0.49			
									662	2.59			
									663	6.93			
									965	0.21			
		Total	2	284.90	2	1924.29			10	37.46			
		Dahegaon	517	906.90					682	35.94			Naleshwar-mokasa
									683	3.23			Wedi-rith
									684	2.47			Dahagaon-Ray

									685	19.81			Mankapur
									686	0.59			Uthalpeth
									687	27.38			Naleshwar-ray
									688	1.21			Kawadpeth-mal
									732	107.81			Haldigaon-ganana
									733	4.75			
									734	33.23			
									735 (A)	2.68			
									735 (B)	0.64			
									735 (C)	3.02			
									735 (D)	1.97			
									735 (E)	2.43			
									735 (F)	2.71			
									736	38.92			
									737	2.80			
									738	4.96			
									739	17.80			
									740	13.05			
									741	11.26			
									742	2.64			
									743	9.89			

									744	1.45			
									745	1.19			
									746 (A)	169.25			
									746 (B)	11.84			
									747	2.01			
		Total	1	906.90					29	536.92			
	Total of Round		8	2454.39	8	4543.78	1	105.30	106	2419.11			
	Total of Range		35	14121.968	34	14341.10	14	1210.59	221	9565.78	5	73.69	
Warora	Bhadrawati	Bhadrawati	210	332.66			546	268.47	889 (A)	195.89			Ghot-nimbala
			211	157.83			547	182.74	889 (B)	31.43			Baranjmoka
			213	128.28			548	285.42	890 (A)	19.68			Chora
			214	52.21					890 (B)	24.56			Chicholi
			215	257.402					890 (C)	26.87			
									891	123.37			
									892	0.96			
									893	17.05			
									894	97.89			
									902	196.21			
									903	206.38			
									904	266.24			
									905 (A)	180.33			

									905 (B)	4.00			
									906	0.82			
		Total	5	928.382			3	736.63	15	1391.68			
		Mangali	219	328.20	217	348.43			895	34.17			Navargaon
					218	405.90			896	225.36			Kartisonegao n
									897	33.25			Masalvisapur
									898	7.75			Mangali
									899	262.61			
		Total	1	328.20	2	754.33			5	563.14			
		Chora	199	235.12			543 (A)	121.61	900	238.45	1006	2.19	Ashtikakde
			200	401.85			543 (B)	91.73	901	202.94			Sawali
			206	353.69			544	251.86	933 (A)	161.64			Minwatkali
			207	144.88			545 (A)	145.85	933 (B)	72.55			Minwattukum
			208	102.79			545 (B)	26.86	934	6.21			Ghot-minwat
									935 (A)	27.19			Sakhara(UN)
									935 (B)	9.98			
									936 (A)	7.73			
									936 (B)	0.70			
									937 (A)	29.25			
									937 (B)	0.56			
									938 (A)	4.60			
									938 (B)	4.84			

			6	320.52									
		Total	5	2391.71					3	72.72			
		Pevara	11	532.16					926	89.08			Nagpur-tukum
			13	384.86					927	268.46			Salori
			14	645.89									
		Total	3	1562.91					2	357.54			
		Pevana	9	1011.70			549	78.18	907	185.10			Seloti-waghada
									908	188.63			Khutala
									909	135.13			Nandra
									910	78.24			Pawana-ray
									911	0.98			Dhamani
									912	108.14			Mukha
									913	2.21			
									914	1.19			
									915	165.08			
									916	5.18			
									917	2.23			
									918	4.55			
									919	25.11			
									920	59.70			
									921	10.28			
									922	36.89			

		Total	1	1011.70			1	78.18	16	1008.64			
		Mesa	10	566.96			550	44.63	923	44.94			Wagholi
			12	307.97					924	7.02			Khakdi
									925	53.16			
		Total	2	874.93			1	44.63	3	105.12			
		Shegaon							871	127.50			Ratnapur
									872 (A)	35.50			Waigaon-ray
									872 (B)	3.63			
									873 (A)	17.11			
									873 (B)	6.18			
									5	190.00			
		Borgaon									867	52.17	Borgaon-makasa(UN)
											868	2.87	Singarwadi-(UN)
											869	2.47	Umari(UN)
											870	39.72	Pardi(UN)
		Total									4	97.23	
		Total of Range	19	10340.97			2	122.81	32	1824.43	4	97.23	
		Total of Range	30	12835.882	2	754.33	10	1497.35	71	4633.96	5	99.42	
Moharli	Moharli	Madnapur	102	206.79					862	170.88			Chaiti-tukum
			103	322.53					863	7.85			Madnapur
			104	275.18					864	144.96			
			105	369.89					865	5.37			

									866	2.64			
		Total	4	1174.39					5	331.70			
		Kondegaon					553	27.15	942	21.54			Sindgavan
							554	82.32	943	6.08			Bhamdeli
							555	20.54	944	2.35			Sitarampeth
									945	0.86			Kondegaon
									946	3.25			Sawri-pardi
									947	0.84			
									948	0.36			
									949	3.24			
									950(A)	11.10			
									950(B)	28.15			
									951	0.24			
									952	1.64			
									953	2.14			
									954(A)	1.69			
									954(B)	0.65			
									955	1.21			
									956(A)	545.57			
									956* (B)	63.28			
									957	2.79			
									958	2.10			

									959 (A)	148.57			
									959)B)	2.51			
									960	0.28			
									961 (A)	44.80			
									961 (B)	144.88			
		Total					3	130.01	25	1040.12			
		Khutwanda											
									991	11.22			Modholi
									992 (A)	0.74			
									992 (B)	0.58			
									993	1.51			
									994	3.95			
									995	0.30			
									996	3.45			
									997	26.61			
									998	11.29			
									999	8.92			
									988	9.89			
									989	1.07			
									990	0.97			
		Total							13	80.50			
	Total of Round	4	1174.39				3	130.01	43	1452.32			

		Total	5	1514.34			2	159.85	4	309.51			
		Total of Round	20	5404.55			2	159.85	7	321.49			
	Padmapur	Padmapur	184	264.27					877 (A)	152.11			Paili-bhatali
			185	154.59					877 (B)	11.79			Padnapur-ray
									878	240.29			
									879	264.78			
									880	254.95			
									881	279.23			
									882	0.84			
									883	183.80			
									884	2.65			
		Total	2	418.86					9	1390.44			
		West-	188	254.54									
		Agarzari	189	246.87									
			190	415.20									
			195	282.46									
			196	185.73									
			197	352.88									
		Total	6	1737.68									
		Masal	178	134.36					885 (A)	2.65			Masala-rith
			179	265.48					885 (B)	2.31			
			180	193.43					886	23.32			

			181	317.28					887	3.25			
			182	157.02					1007	2.96			
			183	212.46					1009	21.25			
			186	213.67									
			187	172.40									
		Total	8	1666.10					6	55.74			
	Total of Round		16	3822.64					15	1446.18			
	Total of Range		40	10401.58			5	289.86	65	3219.99			
Kolsa	Palasgaon	Vihirgaon	220	320.92			556	210.77	856	90.25			Gondmohadi
			221	297.86			557	36.33	857	3.72			Vihirgaon
			222	311.21			558	70.87	858	194.46			Vihirgaon-tukum
			223	349.66			559	99.12	859	194.25			
									860	188.98			
									861	42.90			
									963	29.64			
									964	8.74			
		Total	4	1279.65			4	417.09	8	752.94			
		Palasgaon	224	222.56			560	52.58	850	83.23			Piparda
			225	387.69			561	304.86	851	43.38			Belora
			226	301.48			562	182.58	852	7.06			Parasgaon
			229	266.68			563	22.34	853	26.24			

			238	152.16			564	239.09	854	14.28			
			239	255.75					855	1.72			
									1000	133.69			
									1001	26.18			
									1002	2.55			
									1003	14.50			
		Total	6	1586.32			5	801.45	10	353.43			
		East-Ran-	236	439.90									
		Talodhi	237	820.31									
		Total	2	1260.21									
		South-	240	454.07									
		Karva	241	315.63									
			242	247.67									
			243	333.06									
			244	330.21									
			246	403.88									
			247	340.34									
		Total	7	2424.86									
	Total of Round		19	6551.04			9	1218.54	18	1106.37			
	Shioni	Shioni	232	227.43					842	61.12			Shioni
			233	263.86					843	1.08			
									844	1.72			

									845	40.60			
									846	14.91			
									847	15.20			
		Total	2	491.29					6	134.63			
		Shirkala	227	264.26			566	88.50	848	43.49			Parna
			228	255.76			567	38.47	849	4.26			Shirkala
			230	405.49			568	40.47	837	8.42			
			231	259.81			569	2.77	838	1.02			
									839	0.73			
									840	43.62			
									841	29.07			
		Total	4	1185.32			4	170.21	7	130.61			
		Piparheti	234	382.43									
			235	325.77									
			261	250.90									
			266 (B)	5.667									
			262	189.79									
			263	267.09									
		Total	6	1421.647									
		Total of Round	12	3098.257			4	171.21	13	265.24			
	Naleshwar	Wasera	264	232.29			570	18.30	828	158.20			Wasera
			265	475.51			1015	14.15	829	2.70			Singadzari

									830	2.11			Masmohan
									831	11.91			Pandharpani
									832	0.85			
									833	0.50			
									834	8.76			
									835	3.69			
									836	15.22			
									967	1.39			
									968	0.59			
									969	6.11			
									970	2.73			
									971	26.78			
		Total	2	707.80			2	32.45	14	241.54			
		Naleshwar	268	492.92					804	37.03			Naleshwar
			269	506.25					805	12.42			Kukudheti
			270	472.27					806	4.91			Zamsala
			1004 A	135.89					807	8.02			
			1004 B	172.38					808	48.38			
									809	88.07			
									810	15.54			
									962	10.28			

		Total	5	1779.71					8	224.65			
		Petgaon	271	375.55					811	4.19			Khateramal
			272	460.94					812	1.27			Bramhani
			322	477.13					813	21.97			Pethgaon
									814	0.71			
									815	1.68			
									816	12.18			
									817	0.77			
									818	0.37			
									819	92.10			
									820	12.73			
									821	1.92			
									822	6.64			
		Total	3	1313.62					12	156.53			
	Total of Round		10	3801.13			2	32.45	38	622.72			
	Karva	West-					565	64.41	823	2.51			Karva
		Karva							824	15.26			
									825	22.96			
									826	52.62			
									827	2.39			
		Total					1	64.41	5	95.74			
							1	64.41	5	95.74			

	Kolsa-1	North-	273	424.12									
		Pangadi	274	737.73									
		Total	2	1161.85									
		South-	275	824.33									
		Pangadi	319	479.96									
			320	408.72									
			321	791.98									
			326	396.60									
		Total	5	2901.59									
	Total of Round		7	4063.44									
Total of Range			48	17513.867			16	1485.61	70	2090.07			

APPENDIX NO. VII

(Vide Para No.1.6.3)

AREA STATEMENT OF CHANDRAPUR FOREST DIVISION

Type of Area	Ranges					Grand Total
	Chandrapur	Shioni	Moharli	Mul	Warora	
1	2	3	4	5	6	7
R. F. *	6328.017	18999.477	10691.440	15332.558	14333.232	65684.724
P. F. *	3281.100	2090.070	3219.990	9565.780	4633.960	22790.900
Un.F. *	--	--	--	73.690	99.420	173.110
TOTAL	9609.117	21089.547	13911.430	24972.028	19066.612	88648.734

- R.F : Reserved Forest,
- P.F. : Protected Forest
- Un.F.: Unclassed Forest,.

APPENDIX NO. VIII

(Vide Para No.1.6.4)

STATEMENT SHOWING THE COMPENSATORY AFFORESTATION PLANTATION UNDER THE FOREST CONSERVATION ACT 1980

Sr. No.	Name of the Project	Range	Round	Beat	Total Area of Compensatory Afforestation Plantation	Name of Village	Location of Compensatory Afforestation Plantation Survey No.	Comptt No.	Area in ha.	Remarks
1	2	3	4	5	6	7	5	6	7	8
1)	Labhan Sard Nala Project	Warora	Shegao	Borgao	99.42	1) Borgaon (m) 2) Umri 3) Singarwadi 4) Pardi 5) Sakhara	35 40 14 101 378		52.17 2.87 2.47 39.72 2.19	IX th year. Work is Completed.
								Total	99.42	
2)	66K.V. Chandrapur to Chandrapur	Chandrapur	Chandrapur	Anchleshwar	10.8			518	10.8	Work is Completed.
3)	Manikgad to Wirur Rly Line	Chandrapur	Chandrapur	Anchleshwar	21.85			402 403	21.85	VIIth year

4)	Work shop & Bus stand of Maharashtra State Road Transport Corp.	Chandrapur	Chandrapur	Anchleshwar	1			402	1	III rd Year
5)	220 K.V. Line Warora to Chandrapur	Chandrapur	Lohara	Lohara	2.6	6) Ghanta chauki		421	2.6	IX th Year
6)	Microwave Repeater Station Palasgaon Jat/ Bikali, Distt. Chandrapur	Kolsa Warora	Palasgao Shegao	Palasgao Sakhra	1.55	7) Palasgao 8) Bikali 9) Katwan	347 1	2	0.25 1.05 0.25	Work is Completed.
7)	Manikgad to Chandur Broad gauge Rly Line	Mul	Mul	Mul	18.96	10) Mohali		Total	1.55	VII th Year.
8)	Padmapur / Kitadi Open cast mining	Moharli	Padmapur	Mahsala	124.35	11) Mahasla Rit 12) Masal		180	8.4 115.95	
9)	Golabhiy minor Tank	Mul	Mul	Mul	60.86	13) Shiwapur Chak		Total	124.4	
10)	Sukwasi Minor Tank	Mul	Mul	Mul	1.18	14) Mul		20 287 707 344	58.86 2 0.98 0.2	IIIrd Year
	Grand Total				342.57			Total	1.18	

APPENDIX NO. IX/XII
(Vide Para No.1.6.4 and 1.8.2)
STATEMENT SHOWING THE AREA OF RESERVED AND PROTECTED FOREST
DISFORESTED.AS PER NOTIFICATION

Range	Name of Village / Comptt.No	P.C.No.	Disforested Area			
			Survey No.	Area in Acre	Area in Hectare	Remarks
2	3	4	5	6	7	8
Chandrapur	402	--	--	--	6.07	
	518	--			214.583	
	Junona-Ray	8	10	3.18	1.29	
			120	0.34	0.14	
			121	1.20	0.49	
			148	0.65	0.26	
			163	4.64	1.88	
			166	1.52	0.61	
	Total		6	11.53	4.67	
	Kondi	10	92	0.75	0.30	
			104	16.79	6.8	
	Total		2	17.54	7.10	
	Durgapur-Ray	11	110	14.10	5.70	
			114	13.90	5.62	
			120	12.00	4.86	
			121	15.87	6.42	
			129	19.10	7.73	
			133	18.30	7.41	
			138	12.00	4.86	
			149	12.20	4.94	
			150	12.00	4.86	
			152	12.10	4.90	
			153	12.82	5.19	
			163	15.18	6.14	
			167	6.53	2.64	

			178	10.04	4.06	
			229	1.31	0.53	
	Total		15	187.45	75.86	
	Devai-	10	107/41	6.05	2.45	
	Govindpur		107/42	10.00	4.05	
	Total		2	16.05	6.50	
	Sinara	11	1\4	3.35	1.36	
			7	0.97	0.39	
			9\1	9.33	3.77	
			52\1	5.77	2.33	
			92\1	3.77	1.53	
			97\1 K	39.17	15.85	
			108	1.65	0.67	
			121\1	29.60	11.98	
			123	5.17	2.09	
			127	5.30	2.14	
			136\1	2.00	0.81	
			136\2	2.80	1.13	
			136\3	1.25	0.51	
			189\1	24.20	9.80	
			241	11.47	4.64	
	Total		15	145.80	59.00	
	Kondichak-Ray	10	2	6.56	2.65	
	Total		1	6.56	2.65	
	Mana	6	67	67.61	27.36	
	Total		1	67.61	27.36	
Mul	359	--	--	--	37.102	
	Chiroli	14	5P	2.99	1.21	
	Total		1	2.99	1.21	
	Kawadpeth	14	59	4.00	1.62	

	Total		1	4.00	1.62	
	Vihirgaon	14	5\2P	23.2	9.39	
			6\1P	17.00	6.88	
	Total		2	40.20	16.27	
	Tolewahi	14	143 P	1.99	0.80	.
	Total		1	1.99	0.80	
	Tadala-tukum	15	1\1P	3.00	1.21	
	Total		1	3.00	1.21	
	Wedi-rith	15	1\38	1.28	0.52	
			1\47	1.50	0.61	
	Total		2	2.78	1.13	
	Ratnapur	18	46P	40.58	16.42	
	Total		1	4.58	16.42	
	Sarajkheda-Ray	36	9P	15.55	6.29	
	Total		1	15.55	6.29	
	Borda-	38	17	1.72	0.70	
	Zullurwar		23	11.20	4.53	
	Total		2	12.92	5.23	
	Naleshwar-	36	156 P	10.35	4.19	
	Mokasa					
	Total		1	10.35	4.19	
	Jam-tukum	37	1\1	13.00	5.26	
	Total	1	1	13.00	5.26	
Warora	215	--	--	--	4.428	
	Mangali	8	60\9	1.46	0.59	

			66\3	27.66	11.19	
			66\1	27.87	11.28	
			66\2	78.42	31.74	
	Total		4	135.41	54.8	
	Talegaon	8	3\1K7	1.5	0.61	
			3\1K8	73.61	29.79	
			3\1K11	0.90	0.36	
			3\1KH	9.15	3.70	
			3\1G	9.80	3.97	
			3\1GH	5.91	2.39	
			3\1&2	2.38	0.96	
	Total		7	103.25	41.78	
	Chichala	9	4\8	127.38	51.55	
	Total		1	127.38	51.55	
	Mesa	38	1\1	42.6	17.24	
			1\18	5.59	2.26	
			115\1	34.23	13.85	
	Total		3	82.42	33.35	
	Borgaon-	39	6	21.35	8.64	
	Bhosale		13	10.40	4.21	
			11\1P	153.55	62.14	
	Total		3	185.30	74.99	
	Pandhartaa	40	1\1P	119.96	48.55	
			1\21	4.50	1.82	
	Total		2	124.46	50.37	
	Alphar	41	2	5.76	2.33	
			19	2.80	1.13	
			29	17.18	6.95	
			67\3	10.97	4.44	
			68\4	0.80	0.33	
			69\8	0.72	0.29	

			67\5	7.00	2.83	
			71\1	22.44	9.08	
			72\1	0.20	0.08	
			72\3	0.05	0.02	
			73\4	1.20	0.49	
			73\6	0.10	0.04	
			41	2.57	1.04	
			71\4	11.96	4.84	
	Total		14	83.75	33.89	
	Pipalgaon	42	37\1K	163.83	66.3	
			37\1KH	6.91	2.8	
			37\1KH	1.19	0.48	
			37\1G	52.23	21.14	
			38	80.47	32.56	
			46	79.64	32.23	
	Total		6	384.27	155.51	
	Mahalgaon	43	1	38.87	15.73	
	-					
	Khurd		1	38.87	15.73	
	Susa	44	1	24.58	9.95	
			7	4.28	1.73	
			27	8.6	3.48	
	Total		3	37.46	15.16	
	Mokela	44	4\1	2.8	1.13	
			8	4.34	1.76	
			21\1	1.9	0.77	
			30\2	14.1	5.71	
			45\3	5.85	2.36	
			45\4	8.65	3.5	
			45\5	6.7	2.71	
			45\7	3.5	1.42	
			45\8	7.19	2.91	
	Total		9	55.03	22.27	
	Visapur-	31	2\1	55.41	22.42	

	Ray					
			16	7.40	2.99	
			21	11.61	4.70	
	Total		3	74.42	31.11	
	Kachler-ray	23	18	9.65	3.91	
			19	35.29	14.28	
	Total		2	44.94	18.19'	
	Sakhra- rajapur	45	9	4.00	1.62	
			17	2.54	1.03	
			22\1	101.30	40.99	
			22\2	1.80	0.73	
			26\6	0.60	0.24	
			22\12	0.77	0.31	
			22\4	0.26	0.11	
			27\2	0.08	0.03	
			27\4	0.14	0.06	
			151	1.20	0.49	
			154	2.20	0.89	
			164	3.22	0.3	
			152	0.42	0.17	
	Total		13	118.53	47.97	
Moharli	Bhamdeli	41	58	8.00	3.24	
			54	5.22	2.11	
			59	15.33	6.2	
			60	7.22	2.92	
	Total		4	35.77	14.47	
	Ambezari	32	12	4	1.62	
			23	3.74	1.51	
	Total		2	7.74	3.13	

APPENDIX NO. X**STATEMENT SHOWING THE EXTENT OF NATURAL AND ARTIFICIAL****(Vide para No.1.7.2)****BOUNDARY OF CHANDRAPUR DIVISION.**

Natural boundary in km.	Artificial boundary in km	Total length of boundary in km.
213.12	247.68	460.80

APPENDIX NO.XI

(Vide Para No.1.8.2)

STATEMENT SHOWING THE DETAILS OF PROTECTED FOREST DECLARED AS RESERVED FORST AS PER NOTIFICATION.

Sr.no.	Name of	Name of	P.C.No.	Survey No.	Area in	Area in
	Range	Village			Acre.	Hectare
1	2	3	4	5	6	7
1	Chandrapur	Lohara	12	10\1P	28.73	11.63
		Mamla	12	1\1P	57.82	23.40
	Total		2		86.55	35.02
2	Warora	Wagholi	36	1\1P	37.53	15.19
				1\2	17.71	7.17
				1\3		
				47	55.03	22.27
		Morwa	36	1P	193.19	78.18
		Chicholi	30	154\1P	451.56	182.74
				154\2	663.40	268.74
		Ghot-minwat	31	7	153.45	62.10
				9	1422.86	575.81
		Chora	30	297\1	705.29	285.42
				297\4		
	Total		2		3700.02	1497.35
3	Mul	Zari	13	16\1P	9.54	3.86
				44	18.46	7.47
		Mahdwadi	13	2\1P	144.98	58.67
		Nagala	13	3\1K P	427.98	173.20

1	2	3	4	5	6	7
		Pimpalkhut-ray	13	46	22.00	8.90
		Chiroli	14	1\1 P	71.69	29.01
		Chak-kawadpeth	14	1	50.59	20.47
				5	106.02	42.90
				7 P	112.31	85.92
		Janala-ray	14	46\1P	146.88	59.44
		Musbodan	14	1\1	1.55	0.63
				1\3 P	98.48	39.85
		Dagadkala-ray	14	53	19.85	8.03
				54	17.07	6.91
				55	25.10	10.16
				57	9.42	3.81
				58	16.55	6.70
				59P	13.12	5.31
				60	19.06	7.71
				61	22.10	8.94
				62	19.98	8.09
				63	23.61	9.55
				64	23.29	9.43
				65	20.01	8.10
				66	18.70	7.57
				67	19.60	7.93
				69	4.94	2.00
		Walni	12	94\1P	211.99	85.79
		Chichpalli	13	170\1K P	735.98	297.84
		Kanhargaon-ray	36	44	260.22	105.30
		Gilbili	39	2	200.40	81.10
	Total				2991.43	1210.59

1	2	3	4	5	6	7
4	Moharli	Sitarampeth	32	103\1K P	203.42	82.32
		Kondegaon	32	66\1P	67.09	27.15
		Pardi	32	64	109.17	44.18
				62\1KP	339.84	97.06
		Moharli	32	299\1 P	45.99	18.61
		Padmapur	56	142 P	50.76	20.54
	Total				716.27	289.86
5	Shivani	Karva	35	95 P	159.17	64.41
		Pandharwani	35	53\1 P	34.96	14.15
		Masmohan	35	30 P	45.21	18.30
		Sirkada	35	1	12.30	4.98
				17	122.56	49.60
				26	83.84	33.92
				77	95.05	38.47
				320	6.84	2.77
				310 P	100	40.47
		Gondmohadi	57	160	175.12	70.87
				168\1 P	213.80	86.52
				175 P	31.14	12.60
		Vihirgaon	57	165\3 P	89.77	36.33
				172	276.50	111.91
				174	244.33	98.86
		Palasgaon	57	452\1	220.09	89.08
				245\6	23.15	9.38
				452\7	206.00	83.39
				452\8	50.54	20.45
				452\9	73.01	29.56
				449\1 P	17.89	7.23
		Piparda	57	95\1 P	8.54	3.46

1	2	3	4	5	6	7
				95\2 P		
				95\3	21.35	8.64
				95\4	13.09	5.30
				346\1	69.89	28.28
				346\2	60.04	24.30
				350\1	43.65	17.66
				350\2	73.55	29.76
				353\2	86.84	35.15
				353\1	59.3	23.99
				353\3	20.15	8.16
				355\1	82.5	33.38
				355\2	152.05	61.53
				355\3	205.40	83.12
				355\4	4.70	1.90
				355\5	22.57	9.14
				369	2.64	1.07
				384\3	451.16	182.58
	Total				3671.01	1485.61

APPENDIX NO. XIII

(Vide Para No.3.2.4)

Statement showing the list of Saw mills in Chandrapur Forest Division.

Sr.No.	Name of Saw Mill	Location
1	2	3
1	M/s. Suresh Saw Mill	Ghutakala Chandrapur
2	M/s. Bharti Saw Mill	Binba Raod Chandrapur
3	M/s. Bagde Saw Mill	Binba Raod Chandrapur
4	M/s. Smarth Saw Mill	Ramnagar Chandrapur
5	Shri. Ganesh Saw Mill	Anchareshwar Ward No. 2 Chandrapur
6	Shri. Vasant Bandhu Saw Mill	Kasturba Raod, Chandrapur
7	Shri. Datta Saw Mill	Warora Road, Chandrapur
8	Shri. Vijay Saw Mill	Ghutakala Chandrapur
9	Shri. Limiya Traders Saw Mill	Chandrapur
10	M/s. Vijay Saw Mill	Behind Jayant Takies, Chandrapur
11	M/s. Patel Saw Mill	Sarkar Nagar Mul, Road Chandrapur
12	Shri. Gurudeo Saw Mill	Warora Road, Chandrapur
13	Shri. Gulate Saw Mill	Binba Raod Chandrapur
14	Shri. Rane Wooden Industries	Industrial Coloney Chandrapur
15	Shri. Saibaba Saw Mill	Mahakali Ward, Chandrapur
16	Shri. Nrusingh packing Cases	Industrial Coloney Chandrapur
17	Shri. Gurakrupa Industries	Industrial Coloney Chandrapur
18	M/s. Patel Timber Industries	Sarkar Nagar Mul, Road Chandrapur
19	Bhagyashri Wood Industries	Padoli, Chandrapur
20	Saikrupa Wood Industries	Industrial Coloney Plot No. 38, Chandrapur
21	Shri. Wooden Industries	Ganjward, Chandrapur
22	M/s. Baba Saw Mill	Warora Road, Chandrapur
23	Shri. Sai Saw Mill	Warora Road, Chandrapur
24	M/s. Western Coal Ltd. Durgapur	Chandrapur
	Rayatwari Coilary Saw Mill	
25	M/s. Western Coal Field Limited	Cement Nagar, Nakoda

	Nakoda Coilary Saw Mill		
26	Hindustan Lalpeth Coilary Saw Mill	Chandrapur	
27	M/s. Western Coal Field Limited	Chandrapur	
	Rayatwari Coilary Saw Mill		
28	Shri. Saibaba Saw Mill	Near Railway Gate Ghuggus	
29	Shri. Ravindra Saw Mill	Nakoda Cement Nagar Ghuggus	
30	M/s. Ganesh Saw Mill	Mul	
31	M/s. Hamid Saudagar Saw Mill	Mul	
32	Subhedamiya Saw Mill	Chandrapur	
33	M/s. Bajrang Saw Mill	Bhadravati	
34	M/s. Raju Saw Mill	Warora	
35	M/s. Bajrang Saw Mill	Warora	
36	M/s. Saibaba Saw Mill	Shegao	
37	M/s. Wishvakarma Sutarcor	Warora	
	operative Society		
38	M/s. Satish Saw Mill	Shegao	
39	M/s. Walke Saw Mill	Madheli	
40	M/s. Dakhore Saw Mill	Warora	
41	M/s. Kamlakar & Co. Saw Mill	Madheli	
42	M/s. Satirani Saw Mill	Ghodpeth	
43	M/s. Laxmi Saw Mill	Warora	
44	M/s. Bagde Saw Mill	Chichordi	
45	M/s. Nasir Saw Mill	Warora	
46	M/s. Western Coalfield Ltd.	Manjri	
	New Manjri Coliary Saw Mill		

APPENDIX NO.XIV
(Vide Para No.3.2.6)
STATEMENT SHOWING THE RECOMMENDED STRAINS OF GRASSES,
SUITABLE FOR PLANTING UNDER DIFFERENT SOIL AND CLIMATIC CONDITION

Sr. No.	Name of grass with Botanical name	Soil	Rainfall in m.m	Duration of life (years)	Green yield		Palatability	Remarks.
					Deep soil kgs/ ha.	Light soil kgs/ ha.		
1	2	3	4	5	6	7	8	9
1	Marvel chhoti (8) Dichanthium annulatum	light to medium black	380 mm to 1900 mm	3-4	22.847.50	6545.5	All stages	Used as bunds grass and is good for soil conservation purposes.
2	Marvel selection (40) Dichanthium caricosum	light to medium black	635 mm to 2540 mm	3-4	17290	10498	Young stages	Good for grazing, fodder and silage
3	Lahan mashi or mushan Issilema laxum	medium to deep	635 mm to 1270 mm	3-4	12350		All stages	suitable for holy green fodder and silage of leafy grass
4	Motha pauna Sehima nervosum	medium to gravity	380 mm to 1270 mm	3-4		12350	All stages	leaves good for grazing hay. & silage

1	2	3	4	5	6	7	8	9
5	Lahan pabha schima Salcatum syn. Foohemum Sulcatum	medium to gravely	380 mm to 1270 mm	2-3	49,400.00 (14000 hay)	9880	all stages	leaves good for grazing, hay & silage.
6	Dongri gavat Chrysopogon mutans	medium to gravely	380 mm to 1270 mm	3-4	49400	1235	all stages	leaves good for grazing hay and silage
7	Legume sheva Alysicarfous regasus	all soils	380 mm to 2540 mm	1	16796	--	flowering	local legume seed broadcast or dibded

APPENDIX NO. XV
(Vide Para No.3.2.6)
STATEMENT SHOWING THE QUALITY AND THE PRICE OF
FOREST PRODUCE REALISED.

Sr.No.	Type of forest produce	Quality	Rate Rs/Quintal
1	2	3	4
1	Gum (Karu)	A	3500
2	Gum (Karu)	B	3000
3	Gum (Karu)	C	2500
4	Gum Ain/Dhawada	A	2500
5	Gum Ain/Dhawada	B	2000
6	Gum Ain/Dhawada	C	1500
7	Gum (Khair/Other)		200
8	Hirda		100
9	Chinch (Seed)		140
10	Chinch(Without seed)		200
11	Palas lakh		300
12	Biba		200
13	Gunj (Seed)		500
14	Behda		91
15	Nim (Seed)		150
16	Karanj (Seed)		350
17	Bahawa (Seed)		100
18	Aola		350

APPENDIX NO. XVI
(Vide Para No.3.3.2)
STATEMENT SHOWING THE EXISTING ROADS IN
CHANDRAPUR FOREST DIVISION

Sr.No.	Name of roads	Classification				Total
		Tar Road	Metal Road	Murum Road	Earthern Road	
1	2	3	4	5	6	7
			Range-Chandrapur			
1	Chandrapur to Rest house	0.6	--	--	--	0.6
2	Range coloney to hostel building.	--	--	0.5	--	0.5
3	Warwat to Mamla				10	10
4	Head quarter to forest coloney			1.5		1.5
		0.6		2	10	12.6
			Range-Mul			
1	Kolsa range,mul range g.t.road	--	--	10	--	10
2	Asegaib to Kelzer	--	--	15	--	15
3	Peth to Doni	--	--	8	--	8
4	Mul to Doni	--	--	12	--	12
5	Mul to Forest Coloney	--	--	1	--	1
6	Doni-Fulzari	--	--	--	8	8
7	Chichpalli to Gilbili	--	--	--	8	8
8	Dahegaon to Chiroli	--	--	--	5	5
9	Dongargaon to Kelzer	--	--	--	8	8
			Range-Kolsa			
1	Pangadi to Naleshwar	--	--	9	--	9
2	Karwa to Khatoda	--	--	8	--	8
3	Piparheti to Shivani	--	--	10	--	10
4	Karwa to Palasgaon	--	--	10	--	10
5	Piparda to Karwa	--	--	--	6	6
6	Karwa to Shivani	--	--	--	12	12
			Range-Moharli			
1	Navargaon chouki to Dewada	--	10	--	--	10
2	Navargaon chouki to Irai Dam	--	8	--	--	8
3	Moharli to forest coloney	--	--	0.5	--	0.5
4	Pardi to Junona	--	--	--	5	5
5	Adegaon to Dewada	--	--	--	6	6
6	Padmapur to Moharli	16.5	--	--	--	16.5

1	2	3	4	5	6	7
			Range-Warora			
1	Bhadravati to Chora via Defence	--	--	15	--	15
2	Bhadravato to Comptt.200	--	--	--	20	20
3	Kachrala to Coupe No.5	--	--	--	10	10
4	Chora to Comptt.No.200	--	--	--	8	8

APPENDIX NO. XVII
(Vide Para No.3.5.1)
STATEMENT SHOWING THE DETAILS OF WAGE BOARD RATES
FOR 2000-2001.

अनुसुचि - अ

सन 2000-2001 वर्षाकरिता वनखंडातील उक्त्या कामाच्या मजुरीचे दर दर्शविणारा तक्ता.
 राहणीमान भत्यात झालेली वाढ गृहीत धरुन दक्षीण व उत्तर वनवृत्तातील उक्त्या कामाच्या मजुरीचे दर
 सन 2000-2001 वर्षाकरिता खालीलप्रमाणे मंजूर करण्यात आलेत..

बाब अ.क्र	कामाचा बाबवार तपशिल	दर रुपयामध्ये	प्रति घ.मी./ प्रति कि.मी. प्रति शेकडा.
1	2	3	4
1	झाडाची सफाई छापणी केलेल्या झाडांच्या तोडीस अडचण आणारी झुडुपे किंवा रांज्या या अनिश्चित बाबीवार उपवनसंरक्षक यांनी किंवा त्यांनी नेमुन दिलेल्या प्रतिनिधीद्वारा कुपाची स्थिती व कुपात प्रति हेक्टरी छापलेल्या झाडांची संख्या लक्षात घेउनच खर्च ठरवावा.		रकाना 2 प्रमाणे
2	छापणी केलेल्या इमारती झाडाची करवतीने तोड करणे व खुंट ड्रेसिंग करुन घडविणे .. (कुशल काम) छाती उंचीवरील वेदी से.मी.मध्ये	करवतीने तोड रु प्रति 100 झाडास संपूर्ण तोड	एस.सी.आय./ सी.डब्ल्यू.आर.कुप
	16 ते 25से.मी.ते आतील	70-50	70-50
	25 ते 35	118-00	118-00
	35 ते 45	152-25	152-25
	45 ते 60	204-25	211-50
	60 ते 75	313-50	319-00
	75 ते 90	422-75	430-50
	90 ते 105	608-00	536-50
	105 ते 120	792-75	823-75
	120 ते 135	1206-75	1257-75
	135 ते 150	1499-00	1557-25
	150 चे वर	2347-00	3472-75
	इमारती लढटे घडविणे. (कुशल काम)		

3	1. गोल इमारती नगाची गाठ गाहणी करुन मध्य लांबीवरील वेढीचे ठिकाणी 15 से.मी.रुंदीची साल काढुन करवतीने बाढ करणे. अ. संपुर्ण तोड कुपासाठी 50.75 प्रति घ.मी. / ब. सी.डब्ल्यु.आर. व सिलेक्शन वर्कींग सर्कल मधील कुप तसेच थिनिंग कुप व विंड फालन कुपा करिता 53.00 2. इमारती झाडाच्या खुंटावर डांबर वापरुन खिळ्यांनी नंबर देणे. अ. संपुर्ण तोड थिनिंग कुपासाठी 34.00 प्रति शेकडा. ब. सि.डब्ल्यु.आर व सिलेक्शन वर्कींग सर्कल कुपासाठी तसेच विंड फालन इत्यादी कामासाठी 48.75 प्रति शेकडा. 3. कुपात इमारती मालाची मोजमाप करणे व इमारती नगावर डांबर वापरुन खिळ्यांनी नंबर देणे. 10.25 प्रति घ.मी. 4. कुप किंवा कुप डोपोवर साग व उच्च प्रजाती इमारती लठठयांच्या (फाटे वगळुन) दोन्ही बाजुने गेरु मिश्रण पोतने, मिश्रण खर्चासह. अकुशल काम 89.50 प्रति शेकडा. 5. कुपात/कुप डोपोवर येन, सालई व मोवई बिजा व अंजनवाक या प्रजातीच्या इमारती लठठयांची संपुर्ण साल काढणे (अकुशल काम). 5.25 प्रति घ.मी.	
4	इमारती फाटे 1. करवतीने बाढ करुन इमारती फाटे तयार करणे व गाठ मोहणी करणे व मध्य वेढीवर 15 से.मी.रुंदीची साल काढणे. (अकुशल काम). 53.75 प्रति घ.मी. टीप:- 45 से.मी.चे आतील वेढीवर्गाच्या फाट्याची मध्ये गोलाई सालीवरुन घ्यावी. या फाट्याच्या मध्ये लांबीवरील साल काढण्याची आवश्यकता नाही. 2. 45 ते 60 से.मी. चे आतील वेढीवर्गाच्या फाट्याच्या मध्यलांबीवर 15 सेमी.रुंदीची साल काढण्यात यावी. व मध्यवेढी साल काढल्यानंतरच घ्यावी. 3. कुपात फाट्याचे मोजमाप घेणे. डांबर वापरुन खिळ्यांनी नंबर देणे व दोन्ही टोकांना गेरु लावणे. (कुशल काम) 30.50 प्रति शेकडा. 4. फाटे काढलेल्या झाडांच्या थुटावर डांबर वापरुन खिळ्यांनी नंबर देणे. (कुशल काम) बाब क 3 व 2 प्रमाणे	

5.	फॉटयांची थुटापासुन कुप (उपोपर्यंत ओढणावळ करणे (कुशल काम). टीप:- सदरहु काम हे सिर ओझयाने, बैलगाडीने, कांडीने अथवा रेडयाने केल्यास वरील दर मिळेल. खुटावरुन सरळ विक्री डेपोवर वाहतुक केलेल्या फाटयाकरिता हा दर लागु राहणार नाही.	52.00	प्रति घ.मी./
5.	जाळावु बिट.		
1.	छापणी केलेल्या जळाउ झाडांची करवतीने तोड करुन बाढ केलेल्या जळाउ लाकडाचे 1.2 मि. लांबीचे तुकडे करुन 2 मि., 1.2 मि., 1 मि. आकाराच्या थप्प्या तयार करणे व थप्पी सभोवताल 1 मिटर जागा साफ करणे (कुशल काम).		
	अ. संपूर्ण तोड कुपासाठी.	45.75	प्रति बिट
	ब. सि.डब्ल्यु. आर/एस.सी.आय./थिनिंग व विंड फालन	55.50	प्रति बिट
	इत्यादी कुपासाठी.		
2.	जळाउ झाडांचे खुटावर व बुडावर पेंटने नंबर टाकणे व रंग खर्चासह. कुशल काम.		
	अ. संपूर्ण तोड कुपासाठी.	17.75	प्रति शेकडा.
	ब. सि.डब्ल्यु. आर/एस.सी.आय./थिनिंग व विंड फालन		
	इत्यादी कुपासाठी.	26.00	प्रति शेकडा.
	टीप:-जेव्हा जळाउ झाडापासुन इमारती नग तयार होतात तेव्हा		
	खिळ्यांनी नंबर दयावेत, फक्त जळाउ तयार होत असल्यास		
	पेंटनी नंबर दयावेत.		
3.	कुपात जळाउ बिटावर नंबर देणे रंग खर्चासह.कुशल काम	154.50	प्रति शेकडा.
4.	सपाट भागात बिटांची कुप ते कुप डेपो आढणावळ/वाहतुक करणे. अकुशल काम.	संपूर्ण तोड कूपासाठी	सी.डब्ल्यु.आर. एस.सी.आय./ विंडफालन इत्यादी कुपासाठी.
	अंतर		
	0 ते 1 कि.मी.पर्यंत	31.50 प्र.बिट	40.00 प्रति बिट
	0 ते 2 कि.मी.पर्यंत	37.25 प्र.बिट	44.25 प्रति बिट
	0 ते 3 कि.मी.पर्यंत	40.50 प्र.बिट	49.00 प्रति बिट
5.	सपाटीचे भागात जळाउ बिट कुप ते सरळ विक्री डेपोवर		

	किंवा कुप डेपो ते विक्री डेपोपर्यंत बैलगाडीने वाहतुक करणे. अकुशल काम. अंतर 0 ते 3 कि.मी.पर्यंत 0 ते 5 कि.मी.पर्यंत 5 ते 10 कि.मी.पर्यंत टीप:- 10 कि.मि.चे वरील अंतराकरिता निविदा मागविण्यात याव्या संबंधीत जंकास संस्था व उपवनसंरक्षक, यांना याबाबत वनसंरक्षक यांचे मान्यतेने निर्णय घ्यावेत. 6. डांगराळ भाग असल्यास उपवनसंरक्षक किंवा त्यांनी नेमुन दिलेल्या प्रतिनिधी व संस्था प्रतिनिधी यांनी प्रत्यक्ष कुपाचे निरीक्षण करुन सपाटीचे भागापेक्षा दहा टक्के पर्यंतचे अधिकचे उपवनसंरक्षक, यांनी दर मंजुर करावेत. दहा टक्क्यापेक्षा जास्त दर मंजुर करावयाचे असल्यास वनसंरक्षक यांची मान्यता घ्यावी. 7. कुप डेपोत आवश्यकतेनुसार व आदेशानुसार पुनश्च: बिट रचणे . (अकुशल काम). टीप:- या बाबीकरिता संबंधीत स.व.स. यांची लेखी परवानगी घेण्यात यावी. 8. विक्री डेपोवर जातवार दर्जावार व वेढी वर्गावार बिटांची छपाई करुन पुनश्च बिट रचणे. (अकुशल काम). टीप:- जळाउ बिट जमा करण्यास डेपोची जागा उपवनसंरक्षक, यांचेकडुन मंजुर करुन घ्यावी.	37.00 प्रति बिट 37.00 प्रति बिट 7.50 प्रति बिट 51.00+12.00प्र. बि. 9.25 20.75 468.10 237.00	3 कि.मी.पेक्षा जास्त अंतराकरिता परंतु 5 कि.मी.आंत प्रति कि.मी. 5 कि.मी.पेक्षा जास्त अंतराकरिता परंतु 10 कि.मी. पर्यंत रकाना 2 प्रमाणे प्रति बिट प्रति बिट प्रति कि.मी. प्रति कि.मी.
6	जाळ रेषा. हलके काम 1. 10 मीटर रुंदीच्या रेषा साफ करुन जाळणे. 2. 3 मीटर रुंदीच्या रेषा साफ करुन जाळणे. टीप:-या कामाचे निरीक्षण उपवनसंरक्षक, किंवा त्यांचे सहा. राजपत्रित अधिकारी यांनी करावे व काम समाधानकारक झाल्याचे प्रमाणपत्र दिल्यानंतरच उपरोक्त दर अनुज्ञेय		

	राहतील. तसेच हे काम दिनांक 31 जानेवारी पर्यंत पूर्ण करावे		
7	कुप कामाकरिता रस्ते तयार करणे. कुपातील व कुपाबाहेरील रस्त्याची लांबी, त्यावरील खर्च व इतर विविध बाबी वरील खर्चाचे अंदाजपत्रक तयार करून त्यावरील खर्च संबंधित उपवनसंरक्षक किंवा त्यांनी नेमुन दिलेले प्रतिनिधी व संस्था प्रतिनिधी यांनी मिळून कुपाचे निरीक्षण करून कुप ताब्यात देते वेळीचे ठरवून उपवनसंरक्षक यांनी मंजूर करावे. यास विलंब होणार नाही याची दक्षता घ्यावी. कुपाबाहेरील रस्त्यावरून एकापेक्षा जास्त संस्था एकाच वेळेस वाहतुक करीत असल्यास ते प्रथम ठरवावे व त्याप्रमाणे रस्त्यावर होणारा सभाव्य खर्च संस्थेमध्ये प्रमाणात विभागून मंजूर करावा. उपवनसंरक्षक, यांनी मंजूरी प्रदान करण्यापुर्वी त्यांचे अधिनस्त कर्मचा-याकडून तसे प्रमाणपत्र घ्यावे.		रकाना 2 प्रमाणे
8	कुपातील मांडव खर्च	प्रत्यक्ष खर्च किंवा रुपये 650 टक्के यापैकी कमी असेल ती रक्कम.	
9	कुप डेंपो साफ करणे. 1. कुपातील इमारती माल टक्कदारे वाहतुक करावयाचे झाल्यास कुपात आवश्यक ठिकाणी इमारती माल गोळा करून पाठविणे करिता जागा साफ करणे, झुडुपे साफ करणे व सभोवतील जाळ रेषा घेणेकरिता. सरसकट प्रति कुप	1250	प्रति कुप
10	ओढणावळ. (अकुशल काम) इमारती मालाची. ;फाटे वगळून द्व कुप ते कुप डेंपो पर्यंतची ओढणावळ. 1. सपाटीचे कुपात अंतर 0.5 कि.मी. चे आंत 0.5 ते 1 कि.मी. चे आंत 1 ते 2 कि.मी. पर्यंत टीप:-सदरहु काम हे बैलगाडीने कावडीने किंवा रेडयाद्वारे केल्यास	52.00 82.25 100.00	प्रति. घ.मी. प्रति. घ.मी. प्रति. घ.मी.

	वरील दर मिळेल. बैलगाडीने खुटयावरून सरळ विक्री डेपोवर वाहतुक केल्यास इमारती मालाकरिता हा दर लागू राहणार नाही. 2. डोंगराळ भाग असल्यास. डोंगराळ उताराचे प्रमाण लक्षात घेउन उपवनसंरक्षक किंवा त्यांचे प्रतिनिधी व संस्थेचे पदाधिकारी यांनी प्रत्यक्ष कुप पाहुन वनसंरक्षक यांचे मान्यतेने उपवनसंरक्षक यांनी दर मंजूर करावे. 11 वाहतुक खर्च फाटे व इमारती मालाची कुप ते सरळ विक्री डेपो पर्यंत किंवा कुप डेपो ते विक्री डेपो पर्यंत बैलगाडीने वाहतुक करणे. अकुशल काम 0 ते 3 कि.मी चे आंत 3 ते 10 कि.मी.चे आंत 10 कि.मी.पेक्षा जास्त अंतर असल्यास उपवनसंरक्षक, यांनी निविदा बोलवून विहित ष्दती प्रमाणे मंजूर करून घ्यावे. टीप:-अ. वरील दर फक्त विक्री डेपोपर्यंतच्या वाहतुकीकरिताच अनुज्ञेय राहतील. कुप डेपोपर्यंत वाहतुकीस हे दर लागू राहणार नाही. ब. 10 कि.मी.पेक्षा जास्त अंतर असल्यास बैलगाडीने वाहतुक करू नये. अशी वाहतुक टक्क्याने करावी. याकरिता वनखात्याचे टक्क उपलब्ध असल्यामुळे संस्थानी कुप कामाचे सुरुवातीस कुपात निघणा-या अपेक्षित इमारती व व जळाउ मालाचा तपशिल संबंधीत उपवनसंरक्षकाने व उपवनसंरक्षक वाहतुक व विपणन विभाग यांचेसहायाने आराखडा तयार करून वाहतुक वेळेच्या आंत पुर्ण करावी क्षमतेपेक्षा अधिक माल वाहतुकीस उपलब्ध असल्यास उपवनसंरक्षक यांचे संमतीने निविदा मागविण्यात याव्यात. शासनाचे नुकसान होउ नये म्हणून संबंधीत उपवनसंरक्षक		रकाना 2 प्रमाणे प्रति घ.मिटर प्रति कि.मी. 3 कि.मी.पेक्षा जास्त अंतराकरिता परंतु 10 कि.मी. चे आंत
--	--	--	--

	यांनी यासंबंधी विहित ध्दती अनुसरुन दर मंजुर करुन घ्यावेत. क. इमारती मालाची वाहतुकीकरिता बैलगाडीचा प्रयोग आवश्यकतेनुसार फक्त एकाचवेळी करण्याचे अभिप्रत आहे बैलगाडीचा उपयोग कुप ते कुप डेपो व त्यानंतर कुप डेपो ते विक्री डेपो पर्यंतच्या दुहेरी वाहतुकीकरिता मुळीच करु नये. बैलगाडीचे प्रयोजन इमारती मालाचे कुप ते सरळ विक्री डेपो पर्यंत वाहतुक करण्याकरिता /10 कि.मी. चे आतील अंतराकरिता / उपयुक्त राहतील.		
12	ट्रक भरणे व खाली करणे. (अकुशल काम). 1. इमारती लठठे अ. 0 ते 50 कि.मी. चे आंत 40.50 प्रति.घ.मी. ब. 50 ते 100 कि.मी. चे आंत 53.50 प्रति.घ.मी. क. 100 ते 160 कि.मी. चे आंत 61.50 प्रति.घ.मी. ड. 160 कि.मी. चे वर 81.25 प्रति.घ.मी. टीप:- हे दर विभागीयरित्या वाहतुकीकरिता लागु राहतील. 2. जळाउ बिट भराई व खाली करणे. अ. 0 ते 25 कि.मी. चे आंत 18.75 प्रति बिट ब. 25 ते 50 कि.मी. चे आंत 25.00 प्रति बिट क. 50 ते 100 कि.मी. पर्यंत 32.25 प्रति बिट टीप:- हे दर विभागीयरित्या वाहतुकीकरिता लागु राहतील. 3. चाक टिंबर भरणे व खाली करणे. अकुशल काम. अ. 0 ते 50 कि.मी. चे आंत 34.00 प्रति घ.मिटर ब. 50 ते 100 कि.मी. पर्यंत 44.75 प्रति घ.मिटर टीप:- हे दर विभागीयरित्या वाहतुकीकरिता लागु राहतील.		
13	विक्री डेपो व्यवस्थापन खर्च 1. विक्री डेपो सफाई खर्च सरसकट प्रति डेपो. 1000.00 सर्व उपबाबीकरिता सरसकट 2. विक्री डेपोवरील रखवालदार शासन निर्णय क्रमांक फ.एल. सी. 1082/98998/फ-9 दिनांक 16.8.83 नुसार रकाना 2 प्रमाणे टीप:-रखवालाचा कालावधी उपवनसंरक्षक यांचेकडुन ठरवुन घ्यावा. 3. डेपोवरील मोजमाप. इमारती माल पसरविणे, मोजमाप करणे व इमारती नगावर 8..00 प्रति घ.मिटर		

डांबर वापरुन खिळ्यांनी नंबर देणे. कुशल काम.		
4. गट बांधणी. विक्री करिता इमारती मालाचे जातवार वेढीवर्गवार व लांबी वर्गवार व दर्जावार गट लावणे. कुशल काम.	34.00	प्रति घ.मिटर
5. लाट नंबर देणे. इमारती च जळाउ बिटाचे गटावार गट क्रमांक व गटाचा तपशिल पेंटने लिहीणे. रंग खर्चासहीत. कुशल काम.	276.25	प्रति शेकडा
6. विक्री डेपोवरील दिवाबत्ती व पाणीपुरवठा.	1220.00	विक्री डेपो
टीप:-विक्री डेपो उपवनसंरक्षक यांचेकडून मंजूर करुन घ्यावा.		
7. विक्री जाहीरनामा छपाई व वर्तमानपत्रात जाहीरात देणे. जाहीरात देणे पुर्वी उपवनसंरक्षक व जिल्हा संघ यांचेशी संस्थेने विचारविनिमय करावा व ही जाहीरात प्रसिध्दा अधिकारी यांचे मार्फत देणे. एका डेपोला एकापेक्षा जास्त संस्थेचा माल असल्यास एकत्रित जाहीरात दयावी.		रकाना 2 प्रमाणे
14 कुप एजंटचा पगार.		
शासन ठराव क्रमांक एफ.एल.सी.1082/98998/फ-9 दिनांक 16.8.83 प्रमाणे वेतनश्रेणी 200-5-250-7-285-10-305 द.रो. 20-365 अधिक महागाई भत्ते.		रकाना 2 प्रमाणे
15 मुकदम पगार		
1. शासन ठराव क्रमांक एफ.एल.सी.1082/98998/फ-9 दिनांक 16.8.83 प्रमाणे वेतनश्रेणी 100-5-120-7-155- द.रो. 9-200 अधिक महागाई भत्ते.		शासन निर्णयाप्रमाणे
2. मुकदमाची संख्या.		रकाना 2 प्रमाणे
कुपामध्ये 300 घ.मी.पेक्षा जास्त इमारती व जळाउ मिळुन माल निघाल्यास अतिरिक्त मुकदम आवश्यक कालावधीकरिता उपवनसंरक्षक मंजूर करतील. मुकदमाचा कालवधी कुपाचा ताबा घेतलेल्या तारखेपासुन ठरवावा. एकुण मुकदमाची संख्या खालील प्रमाणे राहिल.		
कुपातील माल	मुकदमाची संख्या	
अ. 300 घ.मी.चे आंत	1	
ब. 300 ते 600 घ.मी.चे आंत	2	
क. 600 ते 900 घ.मी.चे आंत	3	
टीप:-जळाउ बिटाचे 1घनमिटरमध्ये परिवर्तन करताना एक जळाउ		
बिट बरोबर 0.34 घ.मी. हे प्रमाण गृहीत धरावे.		

16 कर्मचारी वेतन संस्थेला खालीलप्रमाणे कर्मचारी वर्ग मंजूर करण्यात येईल. 1. सचिव/हिशोबनिस/ 2. एक कार्यालय आगार लिपीक 3. सुपरवायझर चार ते पाच संस्था मिळुन टीप:- शासन ठराव क्रमांक एफ.एल.सी.1082/98998/फ-9 दिनांक 16.8.83 प्रमाणे नोकरवर्ग किती व कोणत्या कालावधीकरिता नेमावयाचा आहे हे उपवनसंरक्षक ठरवतील. 17 जमीन भाडे 1. शासकीय जमीन असल्यास प्रचलीत दराप्रमाणे. 2. खाजगी जमीन असल्यास ती भाड्याने घेणे पुर्वी उपवनसंरक्षक यांचे सॅमतीने भाडे निश्चित करावे. मंजूर भाडे दर, कालावधी व एकुण मंजूर भाडे रक्कम. विवाध्य बाबीचे दर दरपत्रकात दर्शवावे. 18 कार्यालयीन भाडे उपवनसंरक्षक हे भाड्याची वित्तीय मर्यादा निर्धारित करतील. एका पेक्षा अधिक ठिकाणी कार्यालय ठेवणे आवश्यक असल्यास उपवनसंरक्षक त्यावर विचार करुनच मंजूरी देतील. उपवनसंरक्षक मंजूर भाडे व दर व कालावधी व एकुण भाडे रक्कम विवाध्य बाबीचे दरपत्रकात दर्शवावे. 19 स्थानिक जकात कर 20 कर कुप कामासंबंधी बाबीवर शासनातर्फे लावलेले प्रत्यक्ष कर 21 प्रवास खर्च शासन निर्णय क्रमांक एफ.एल.सी.1078/82711/फ-9 दिनांक 16.10.83 नुसार प्रत्यक्ष खर्च परंतु 1000 रुप्यापेक्षा जास्त नाही. टपाल खर्च 23 लेखन सामग्री व छपाई खर्च शासन निर्णय क्रमांक एफ.एल.सी. 1078 78787/फ-6 दिनांक 3.11.78 प्रमाणे शासनाने ठरवुन दिलेल्या नियमाप्रमाणे खालील दर्शविलेल्यापेक्षा एका वर्षात जास्त खर्च करु	शासन ठरावाप्रमाणे रकाना 2 प्रमाणे रकाना 2 प्रमाणे प्रत्यक्ष कर रकाना 2 प्रमाणे रकाना 2 प्रमाणे प्रत्यक्ष खर्च
---	--

	नये. 1. लेखन सामग्री. अ. कार्यालयीन उपयोगाकरिता 258.50 ब. प्रत्येक मुख्य कुपास 165.00 क. दुस-या व तिस-या किंवा थिनिंग कुपास 99.00 2. छपाई खर्च. वरील शासन निर्णयात नमुद केलेल्या अटीचे अधिन राहुन कुप कामाविषयीचे विहीत रजिस्टर व फार्मस यांचे छपाईचा खर्च अनुज्ञेय राहिल. अ. कुपातील तोडास योग्य 5000 किंवा त्यापेक्षा कमी झाडे 550.00 प्रति कुप असलेल्या प्रत्येक कुपाकरिता ब. कुपातील तोडीस योग्य 5000 पेक्षा जास्त असलेल्या 550.00+22.00 प्रति अतिरिक्त प्रत्येक 1000 कुपाकरिता - 1000 पेक्षा कमी असलेल्या झाडांची झाडांकरिता संख्या पुढील 1000 पर्यंत परिगणीत करावी. 24 कुप काम कर्जावरील व्याज. संस्थेनी कर्ज घेण्यापुर्वी कुप कामास किती खर्च लागणार याचा दाखला संबंधीत उपवनसंरक्षकाकडून घ्यावा. घेतलेले खर्च कुपातील कामाकरिताच खर्च करावे. इतर खर्चावरील व्याज परतफेडीस पात्र राहणार नाही. 25 निर्गत पास बुकांची किंमत प्रचलित किंमत 26 मालमत्तेवरील घसारा खालील प्रमाणे राहिल. वस्तुंचे नांव 1. ऑफिस टेबल, खुच्या, कपाटे, तराजु, टिकासी, पहारी व सायकल इत्यादी. 2. पेट्रोमॅक्स कंदील 20 टक्के 3. तार्डपत्री, आढकामास लागणारे दोरखंड 50 टक्के 4. आरी 30 टक्के 5. बो सॉ फ्रेम 50 टक्के 6. कानस 100 टक्के 7. बो सॉ आणि ब्लेड 101 टक्के 27 कल्याणकारी कामाचा खर्च महसुल व वनविभाग यांचे आदेश क्रमांक एफ.एल.सी./ 1068 / 95192 दिनांक 28.9.69 अंतर्गत अनुसुचिमधील बाब क्रमांक	घसा-याची टक्केवारी मागील वर्षाप्रमाणे घसा-याची टक्केवारी 10 टक्के.	रकाना 2 प्रमाणे रकाना 2 प्रमाणे
--	--	--	---

1 ते 13.6 वरील रकमेच्या 2 टक्के इतकी रक्कम समाज कल्याण		
निधिचा खर्च म्हणुन अनुज्ञेय राहील, यात पाणी पुरवठा, ओषधोपचार मजुरासांठी झोपड्या इत्यादी बाबींचा समावेश राहील.		

स्वा / –
 व.त्र.पत्की
 वनसंरक्षक,
 दक्षिण चंद्रपुर वनवृत्त, चंद्रपुर
 तथा
 अध्यक्ष
 वेतल मंडळ दक्षिण व उत्तर वनवृत्त
 चंद्रपुर

APPENDIX NO. XVIII
(Vide Para No.5.5.1)
STATEMENT SHOWING THE ANNUAL OUTTURN OF MAJOR
AND MINOR FOREST PRODUCE
FOR THE YEARS 1990-91 TO 1999-2000 .
IN CHANDRAPUR FOREST DIVISION

Sr. Forest Produce		1990-91		1991-92	
No		Quantity	Value	Quantity	Value
1	2	3	4	5	6
	Timber				
1	i) Teak	632.552 cum	33,711,942.00	3429109	17145545
2	ii) Other species	1895.02 cum	3,483,124.00	--	--
	Poles				
3	i) Teak	2597No.	65,390	--	--
4	ii) Other species	42 No.	1,000	--	--
5	iii) --do--	672 No.	380,421	10295	3148500
6	iv) --do--	1105NO.	36214	--	--
7	Bamboo	235061 NO.	653,056	366002	1227423
8	Tendu Leaves	29255Std-bag	39953844	79909.9	246603782
9	Gum	149.1 Qtl	41,700	319.1	50,000
10	Broom grass	5 MT	36,000	29	44,050
11	Moha. Fowers	140 QTL	7,910	1158.5	11580
12	Moha.Seeds	--	--	1651.68	82,584
13	Bamboo Chapati	3854	23,124	53	318
14	Tadi Trees,Fruit	265	1325	155	3875
15	Fuel stack	321	15408	5,445	14,400
16	Fuel Char	1823	61366	5910.5	207,629
17	Grass carts	1142	3426	83	332
18	P.O.R.cases		20,671	--	--

Appendix No.XVIII continued....

Sr.No.	Forest Produce	1992-93		1993-94	
		Quantity	Value	Quantity	Value
1	2	7	8	9	10
	Timber				
1	i) Teak	1198.2	1999869	869.94	2515360
2	ii) Other species	--	--	--	--
	Poles				
3	i) Teak	12299	180897	14799	252858
4	ii) Other species	--	--	--	--
5	iii) --do--	6309	1912496	4502	881171
6	iv) --do--	--	--	--	--
7	Bamboo	286214	1450912	236589	843749
8	Tendu Leaves	93659	35291928	43912	30329644
9	Gum	444	53000	509	91000
10	Broom grass	--	23000	0.15	15090
11	Moha. Fowers	--	--	494.34	49434
12	Moha.Seeds	--	--	--	--
13	Bamboo Chapati	610	3660	2656.5	15939
14	Tadi Trees,Fruit	155	3875	154	3850
15	Fuel stack	--	--	32	1936
16	Fuel Char	1392	49416	5875	24675
17	Grass carts	2	8	--	--
18	P.O.R.cases	--	--	--	--

Appendix No.XVIII continued....

Sr.No.	Forest Produce	1994-95		1995-96	
		Quantity	Value	Quantity	Value
1	2	7	8	9	10
	Timber				
1	i) Teak	383.67	2548405	341262	706,310.00
2	ii) Other species	--	--	--	--
	Poles				
3	i) Teak	7737	258270	11207	392,245
4	ii) Other species	--	--	--	--
5	iii) --do--	624.5	361665	--	--
6	iv) --do--	--	--	--	--
7	Bamboo	470273	1404766	204279	522,000
8	Tendu Leaves	43907	32681667	--	--
9	Gum	--	65,000	--	--
10	Broom grass	0.7	19,000	--	--
11	Moha. Fowers	314.64	31464	--	--
12	Moha. Seeds	1016.4	50822	--	--
13	Bamboo Chapati	2,025	19,453	--	--
14	Tadi Trees, Fruit	80	6000	--	--
15	Fuel stack	--	--	329	98700
16	Fuel Char	4,065	181960	--	--
17	Grass carts	--	--	--	--
18	P.O.R.cases	--	--	--	--

Appendix No.XVIII continued....

Sr.No.	Forest Produce	1996-97		1997-98	
		Quantity	Value	Quantity	Value
1	2	7	8	9	10
	Timber				
1	i) Teak	--	--	58.093	688825
2	ii) Other species	--	--	97.294	365295
	Poles				
3	i) Teak	--	--	--	--
4	ii) Other species	--	--	--	--
5	iii) --do--	--	--	--	--
6	iv) --do--	--	--	--	--
7	Bamboo	3512	23905	195448	896018
8	Tendu Leaves	44528.8	35596348	43708	31671143
9	Gum	145	52,000	--	--
10	Broom grass	--	--	--	--
11	Moha. Fowers	343	18132	--	--
12	Moha.Seeds	--	--	--	--
13	Bamboo Chapati	--	--	--	--
14	Tadi Trees,Fruit	99	4230	--	--
15	Fuel stack	--	--	222	173160
16	Fuel Char	--	--	--	--
17	Grass carts	46	460	--	--
18	P.O.R.cases	--	--	--	--

Appendix No.XVIII continued....

Sr.No.	Forest Produce	1998-99		1999-2000	
		Quantity	Value	Quantity	Value
1	2	7	8	9	10
	Timber				
1	i) Teak	111.52	1604165	86.088	1252635
2	ii) Other species	169.75	566257	149.08	903352
	Poles				
3	i) Teak	--	--	--	--
4	ii) Other species	--	--	--	--
5	iii) --do--	--	--	--	--
6	iv) --do--	--	--	--	--
7	Bamboo	101952	493170	101952	493170
8	Tendu Leaves	35951	23543065	44589	32136575
9	Gum	--	--	--	--
10	Broom grass	--	--	--	--
11	Moha. Fowers	--	--	--	--
12	Moha.Seeds	--	--	--	--
13	Bamboo Chapati	--	--	--	--
14	Tadi Trees,Fruit	--	--	--	--
15	Fuel stack	40	24350	198.19	78,625
16	Fuel Char	--	--	--	--
17	Grass carts	--	--	--	--
18	P.O.R.cases	--	--	--	--

APPENDIX NO. XIX**(Vide Para No.5.6.1)****STATEMENT SHOWING THE GROSS REVENUE
FOR THE YEAR 1990-91 TO 1999-2000**

Sr,No,	Year	Revenue
1	1990-91	10704759
2	1991-92	3869040
3	1992-93	13122200
4	1993-94	6901000
5	1994-95	10039578
6	1995-96	9006108
7	1996-97	7782281
8	1997-98	5197670
9	1998-99	16272950
10	1999-2000	21425150

APPENDIX NO. XX**(Vide Para No.5.6.1)****STATEMENT SHOWING THE EXPENDITURE UNDER SCHEME/PLAN
FROM 1990-91 TO 1999-2000**

Sr.No.	Year	Expenditure
1	2	3
1	1990-91	3147288
2	1991-92	3642626
3	1992-93	2972476
4	1993-94	5677952
5	1994-95	7238389
6	1995-96	9402151
7	1996-97	10836684
8	1997-98	10069897
9	1998-99	9881402
10	1999-2000	12086840

APPENDIX NO. XXI
(Vide Para no.5.6.1)
STATEMENT SHOWING THE YEARWISE EXPENDITURE .
UNDER NON-PLAN FROM 1990-91 TO 1999-2000

Sr.No.	Year	Expenditure
1	2	3
1	1990-91	11515590.00
2	1991-92	20456866.43
3	1992-93	18705290.00
4	1993-94	19495016.05
5	1994-95	19119823.00
6	1995-96	7886403.00
7	1996-97	14371578.00
8	1997-98	28922500.00
9	1998-99	23889387.00
10	1999-2000	42014131.00

70
APPENDIX NO.XXII
(Vide para No.7.1.2)

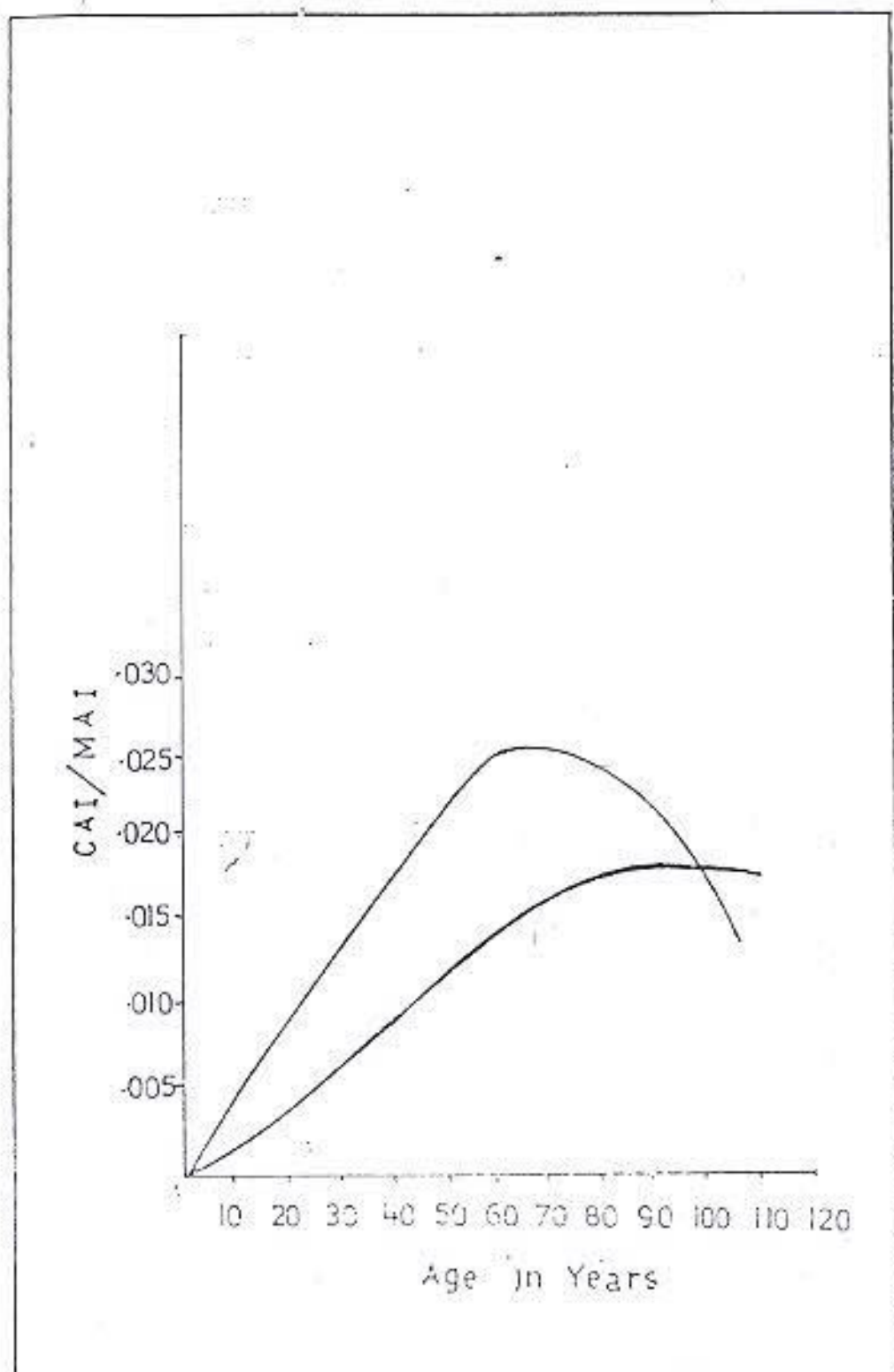


Fig-1:Age-CAI/MAI Curve (Teak Site Quality II)

APPENDIX NO.XXII
(Vide para No.7.1.2)

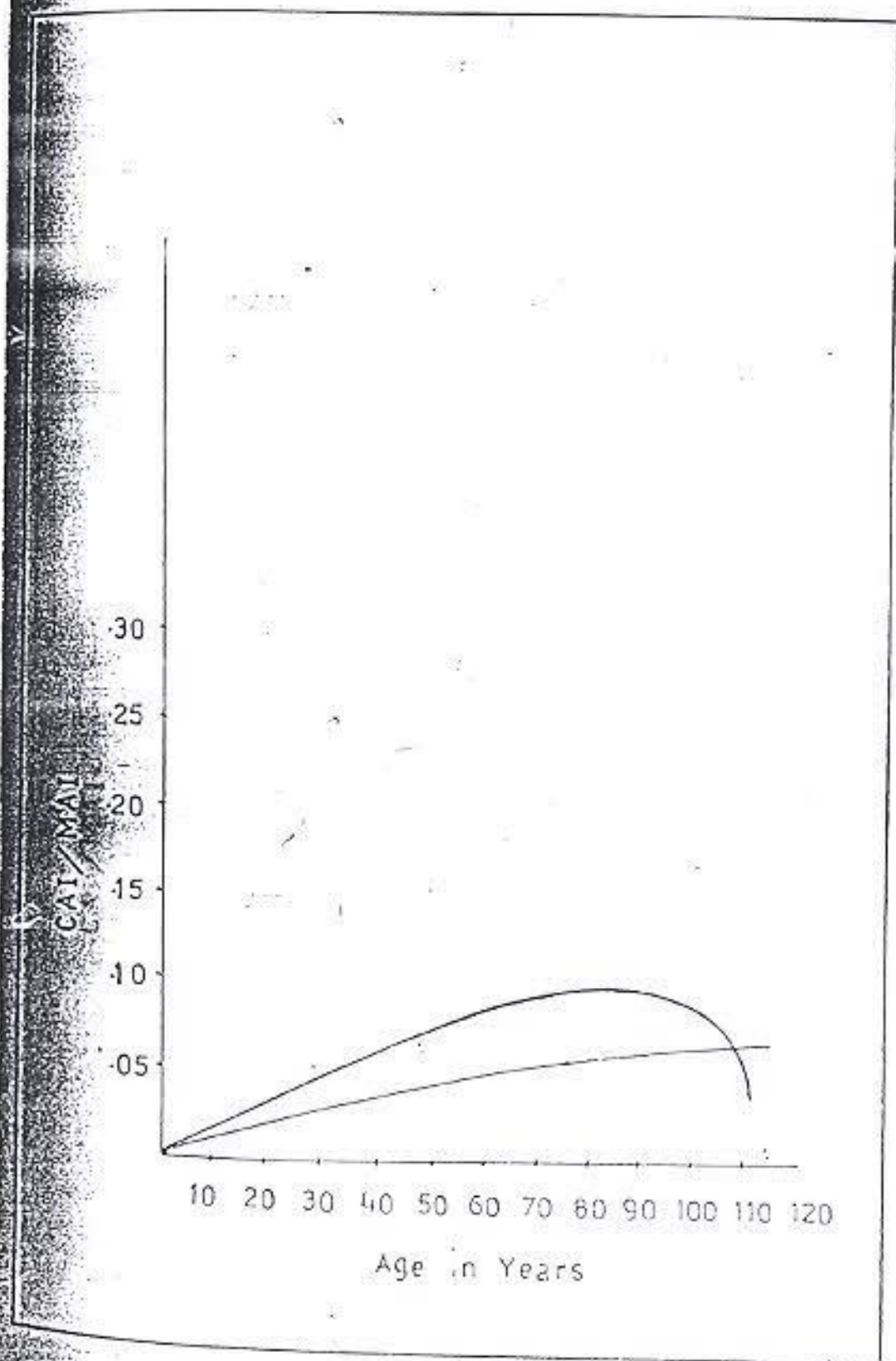


Fig-2:Age-CAI/MAI Curve (Teak Site Quality III)

41
APPENDIX NO.XXII
(Vide para No.7.1.2)

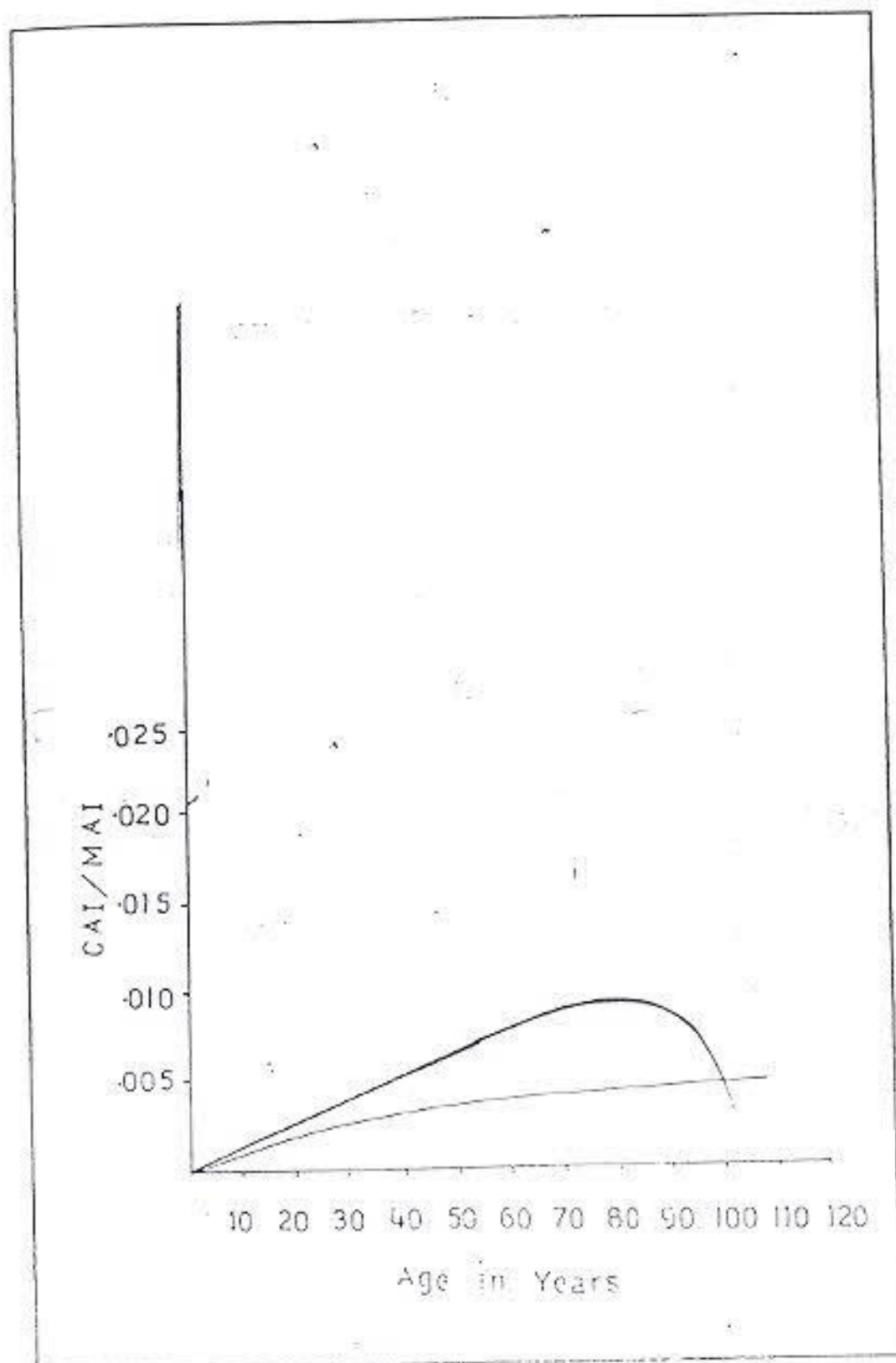


Fig-3:Age-CAI/MAI Curve (Teak Site Quality IV)

82
APPENDIX NO.XXII
(Vide para No.7.1.2)

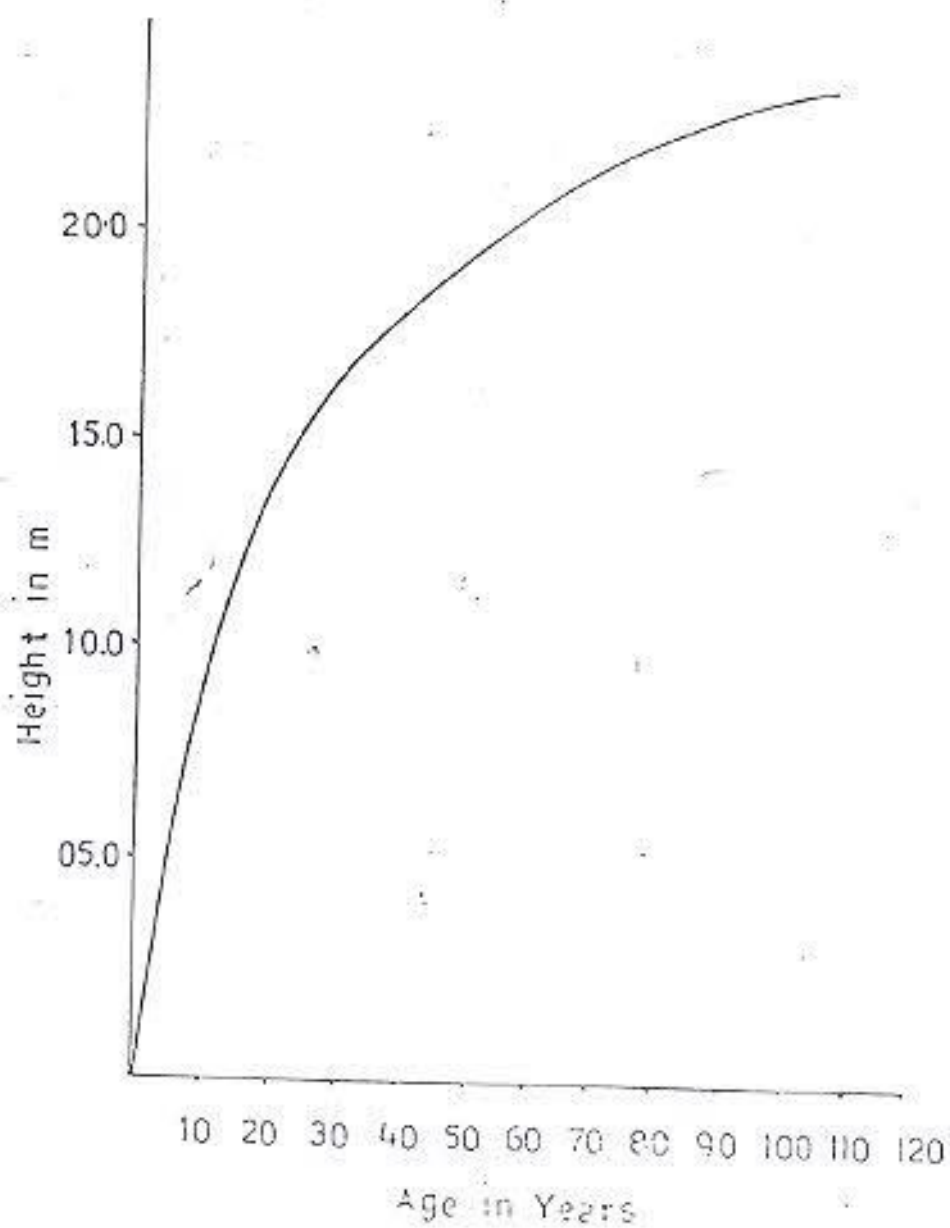


Fig-4: Age-Height Curve (Teak Site Quality II)

83
APPENDIX NO.XXII
(Vide para No.7.1.2)

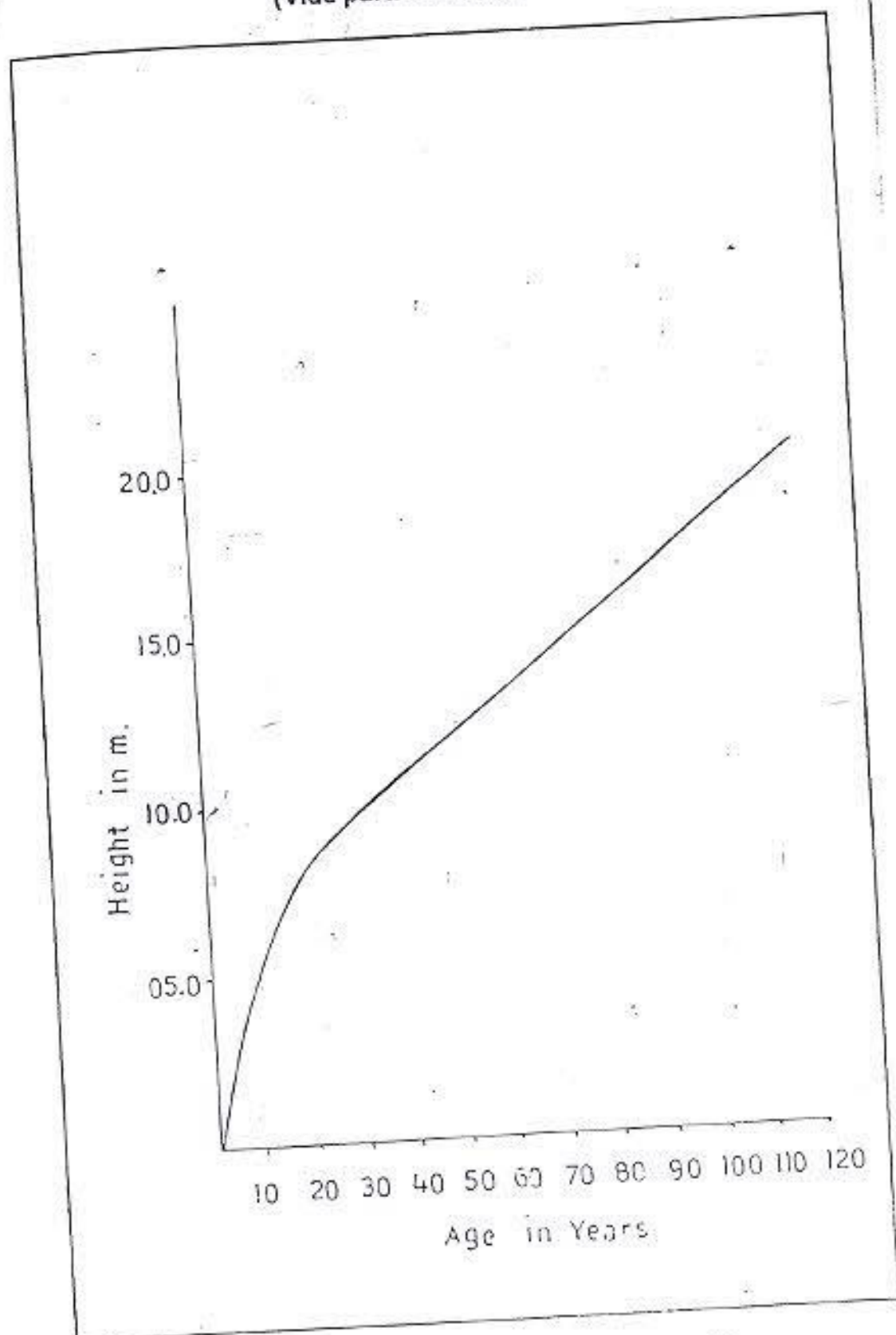


Fig-5:Age-Height Curve (Teak Site Quality III)

84
APPENDIX NO.XXII
(Vide para No.7.1.2)

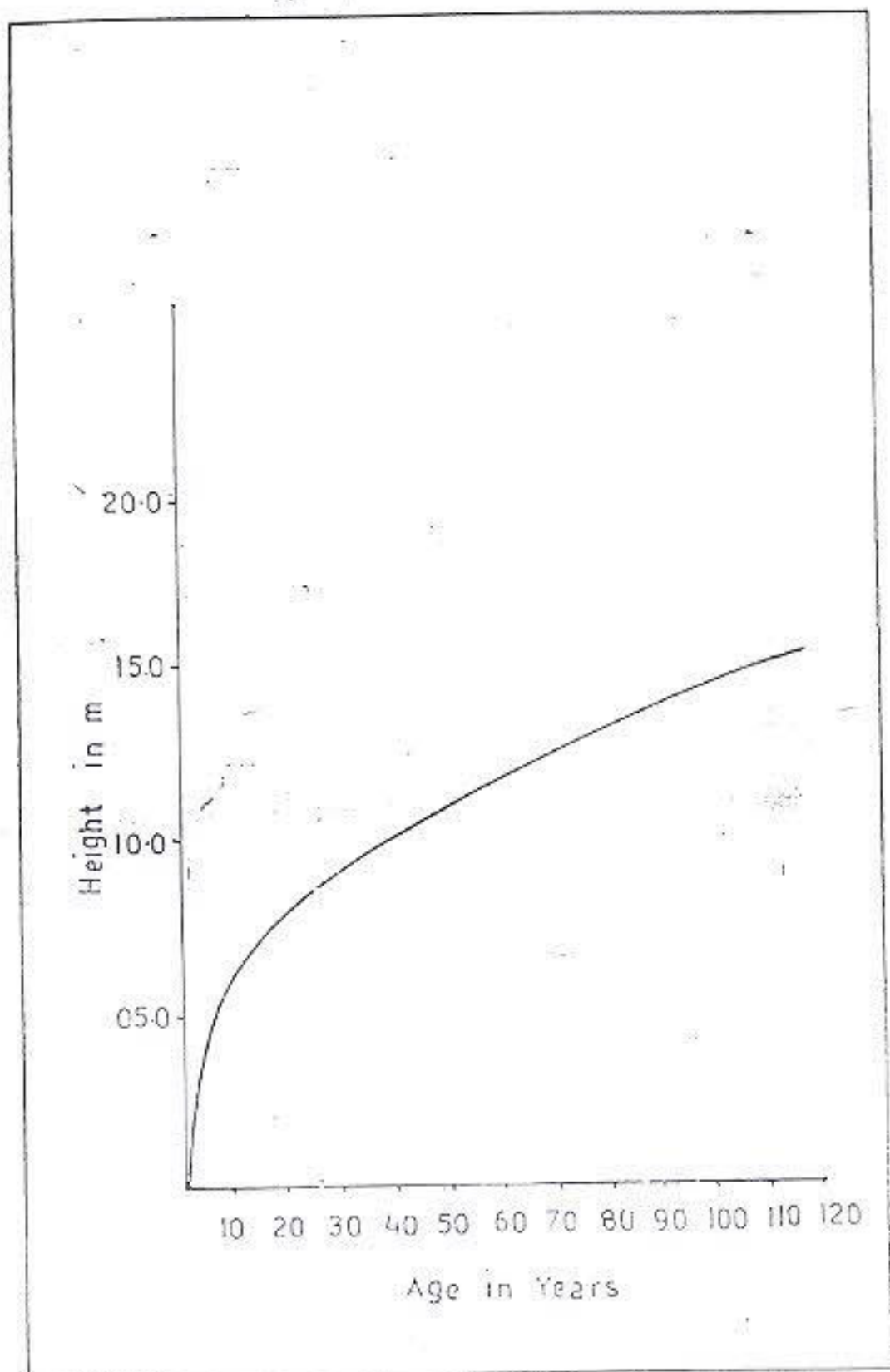


Fig-6: Age-height Curve (Peak Site Quality iv)

85
APPENDIX NO.XXII
(Vide para No.7.1.2)

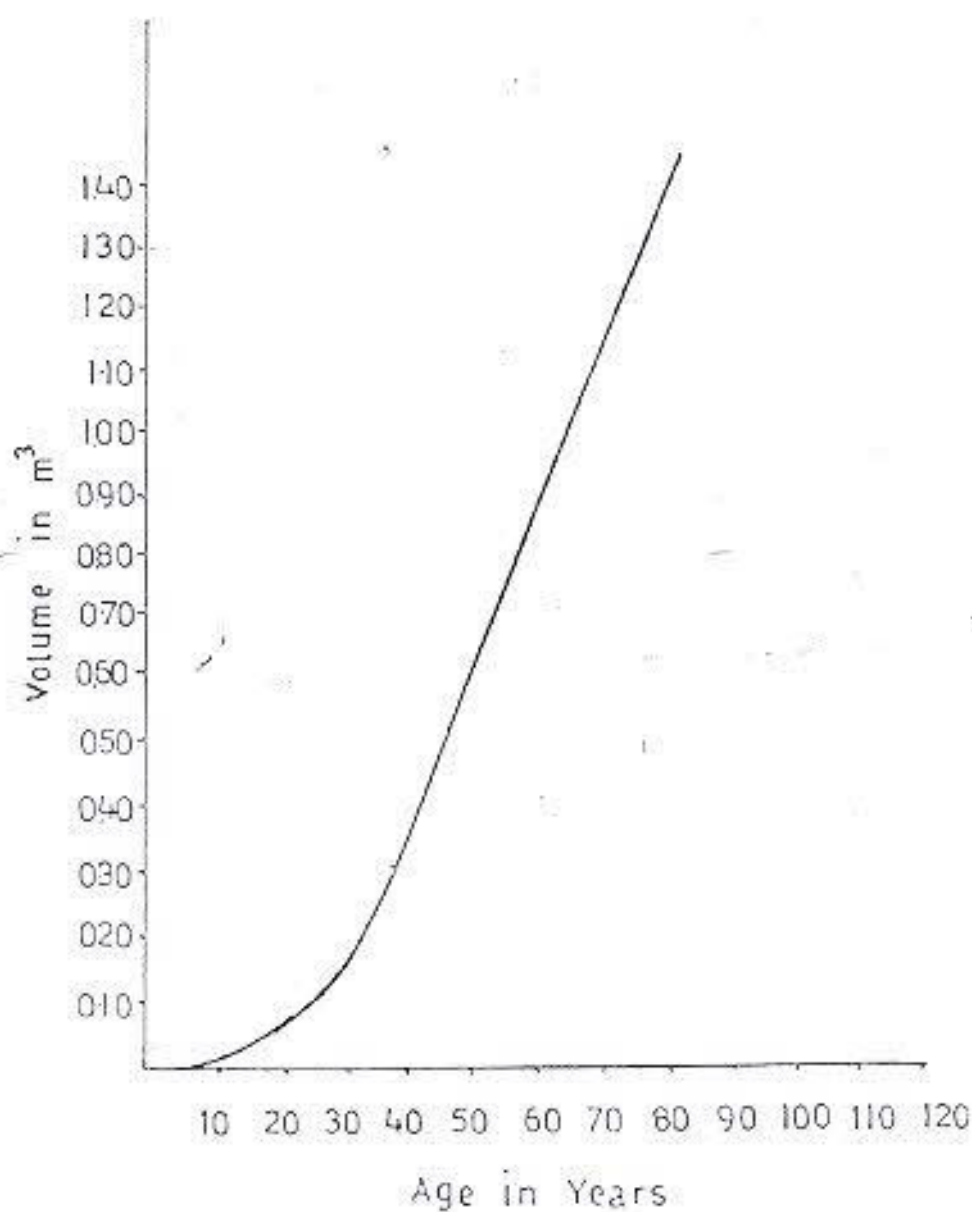


Fig-7 Age-Volume Curve (Site Quality II)

86
APPENDIX NO. XXII
(vide para No.7.1.2)

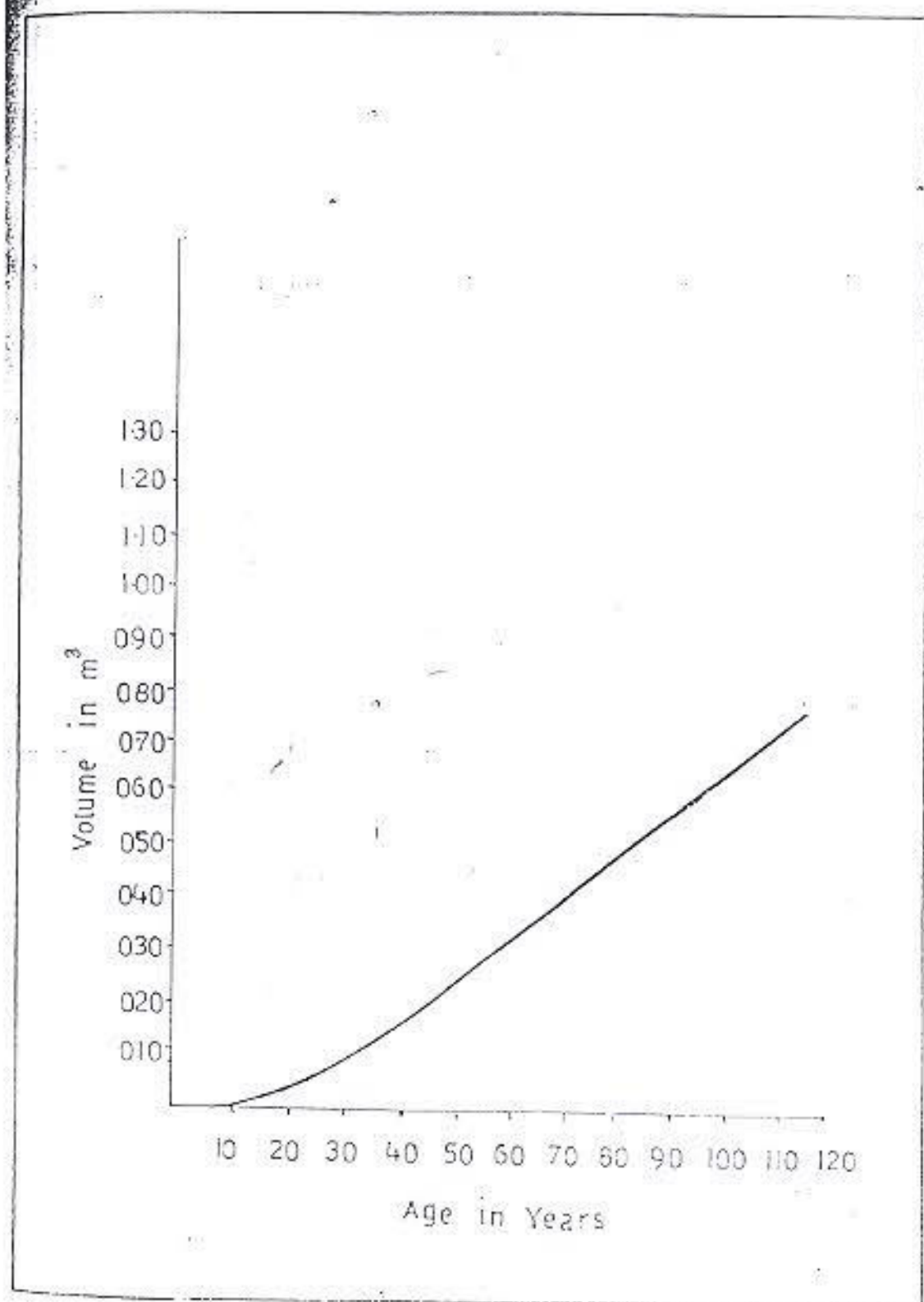


Fig-8: Age-Volume Curve (Teak Site Quality III)

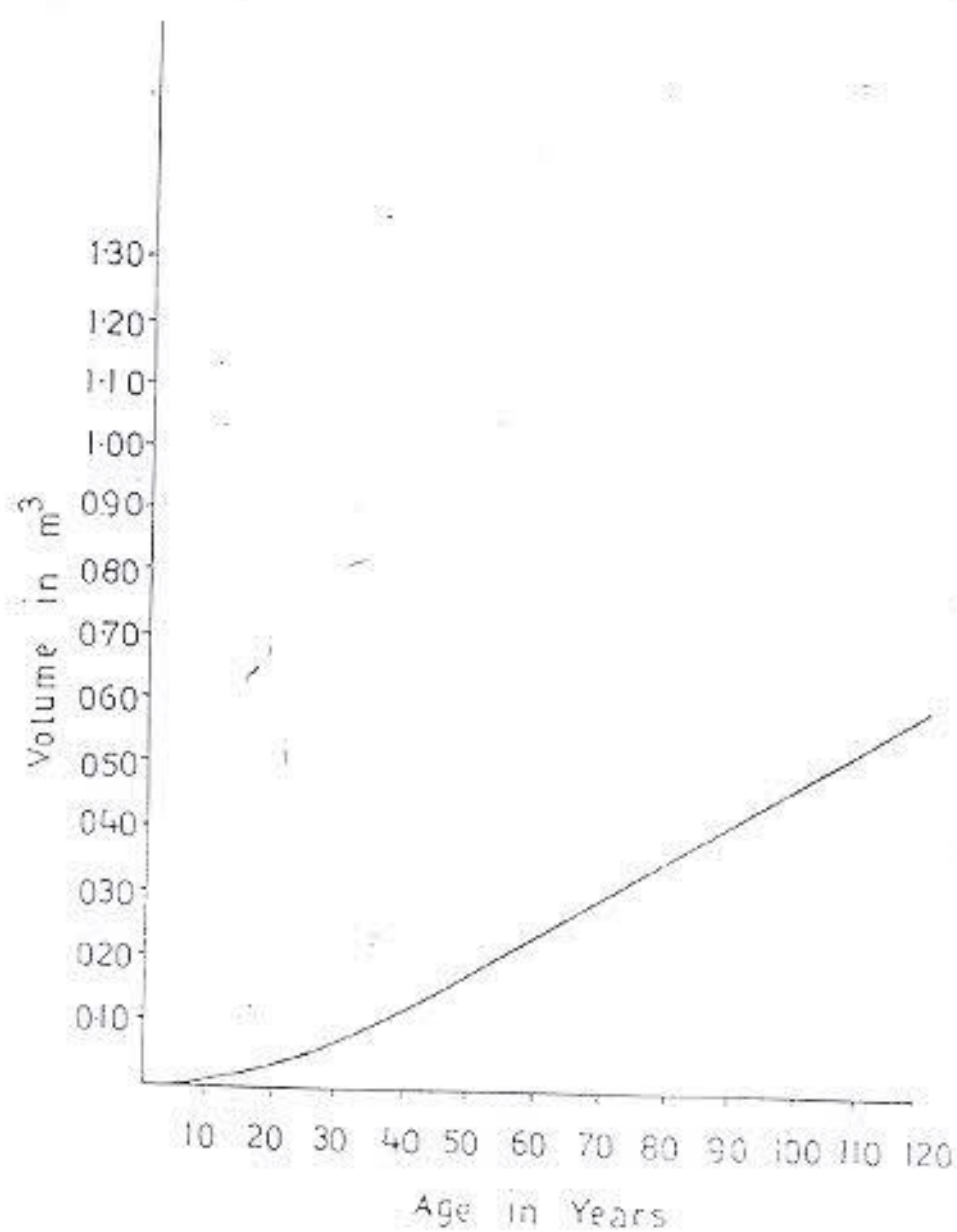


Fig-9 :Age-Volume Curve (Teak Site Quality IV)

APPENDIX NO - XXIII
(Vide Para No7.2.4)
GENERAL VOLUME TABLE
TABLE NO - 1

NAME OF SPECIES : *Tectona grandis*

VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER

$$\text{BASED ON EQUATIONS } V = 0.30446 D^2 H - 0.0023 \text{ FOR } D^2 H < 1.5 \text{ AND } V = 0.08758 + 0.24432 D^2 H \text{ FOR } D^2 H > 1.5$$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.00941338	0.01409874	0.01878409	0.02346945	0.02815480	0.03284015	0.03752551	0.04221086	0.04689622	0.05158157	0.5626692	0.06095228
30-45	0.03023718	0.04525205	0.05626692	0.06928180	0.08229667	0.09531154	0.10832641	0.12134129	0.13435616	0.14737103	0.16038590	0.17340077
45-60	0.06147287	0.8698202	0.11249117	0.13800032	0.16350947	0.18901862	0.21452777	0.24003692	0.26554607	0.29105522	0.31656437	0.34207352
60-75	0.10312446	0.14528865	0.18745684	0.22962502	0.27179321	0.31396139	0.35612958	0.39829776	0.44046595	0.47672507	0.51056377	0.54440247
75-90	0.15517995	0.21817193	0.28116391	0.34415590	0.46014788	0.46669879	0.51724796	0.56779713	0.61834630	0.66889547	0.7194465	0.76999382
90-105	0.21765134	0.30563187	0.39361241	0.47588955	0.54649128	0.61709302	0.68769475	0.75829649	0.82889822	0.89949996	0.97010170	1.04070343
105-120	0.29053465	0.40766847	0.51056377	0.60456016	0.69855656	0.79255295	0.88654935	0.98054574	1.07454213	1.16853853	1.26253492	1.35653131
120-135	0.37382980	0.51014601	0.63087916	0.75161230	0.87234545	0.99307869	1.11381174	1.23454488	1.35527803	1.47601117	1.59674432	1.71747747
135-150	0.46460998	0.61542197	0.76623396	0.91704595	1.06785794	1.21866994	1.36948193	1.52029392	1.67110591	1.82191790	1.97272989	2.12354189

GENERAL VOLUME TABLE
TABLE NO - 2
NAME OF SPECIES : *Terminalia alata*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
²
BASED ON EQUATIONS $V=0.00012 + 0.20302 D^2 H$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.00793072	0.01105501	0.01417929	0.01730358	0.02042787	0.02355216	0.02667644	0.02980073	0.03292502	0.3604931	0.03917359	0.04229788
30-45	0.02181644	0.3049502	0.02917359	0.04785217	0.05653075	0.06520932	0.07388790	0.08256647	0.09124505	0.9992363	0.10860220	0.11728078
45-60	0.04264502	0.05965503	0.07666504	0.09367505	0.11068506	0.12769507	0.14470508	0.16171509	0.17872510	0.19573511	0.21274512	0.22975513
60-75	0.07041647	0.09853506	0.12665364	0.15477223	0.18289082	0.21100940	0.23912799	0.26724658	0.29536517	0.32348375	0.35160234	0.37972093
75-90	0.10513077	0.14713508	0.18913939	0.23114370	0.27314801	0.31515232	0.35715663	0.39916094	0.44116525	0.48316956	0.52517387	0.56717817
90-105	0.14678794	0.20545512	0.26412229	0.32278947	0.38145664	0.44012382	0.49879099	0.55745817	0.61612535	0.67479252	0.73345970	0.79212687
105-120	0.19538797	0.27349515	0.35160234	0.42970953	0.50781671	0.58592390	0.66403109	0.74213827	0.82024546	0.89835265	0.97645983	1.05456702
120-135	0.25093085	0.35125520	0.45157954	0.55190388	0.65222822	0.75255256	0.85287691	0.95320125	1.05352559	1.15384993	1.25417427	1.35449862
135-150	0.31341660	0.43873525	0.56405389	0.68937253	0.81469117	0.94000981	1.06532845	1.19064710	1.31596574	1.44128438	1.56660302	1.69192166

GENERAL VOLUME TABLE
TABLE NO - 3
NAME OF SPECIES : *Pterocarpus marsupium*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
²
BASED ON EQUATIONS $V=0.03611 + 0.33714 D^2 H$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.04908067	0.05426894	0.05945721	0.06464548	0.06983375	0.07502201	0.08021028	0.08539855	0.09058682	0.09577509	0.10096336	0.10615163
30-45	0.07213964	0.08655150	0.10096336	0.11537521	0.12978707	0.14419893	0.15861078	0.17302264	0.18743450	0.20184636	0.21625821	0.23067007
45-60	0.10672810	0.13497534	0.16322258	0.19146982	0.21971706	0.24796430	0.27621154	0.30445878	0.33270602	0.36095326	0.38920050	0.41744774
60-75	0.15284604	0.19954046	0.24623488	0.29292929	0.33962371	0.38631813	0.43301254	0.47970696	0.52640138	0.57309579	0.61979021	0.66648463
75-90	0.21049347	0.28024686	0.35000025	0.41975363	0.48950702	0.55926041	0.62901380	0.69876719	0.76852057	0.83827396	0.90802735	0.97778074
90-105	0.27967038	0.37709454	0.47451869	0.57194284	0.66936700	0.76679115	0.86421530	0.96163946	1.05906361	1.15648776	1.25391192	1.35133607
105-120	0.36037678	0.49008350	0.61979021	0.74949692	0.87920364	1.00891035	1.13861706	1.26832377	1.39803049	1.52773720	1.65744391	1.78715063
120-135	0.45261267	0.61921373	0.78581480	0.95241587	1.11901694	1.28561800	1.45221907	1.61882014	1.78542120	1.95202227	2.11862334	2.28522441
135-150	0.55637804	0.76448525	0.97259247	1.18069968	1.38880690	1.59691411	1.80502133	2.01312854	2.22123576	2.42934298	2.63745019	2.84555741

GENERAL VOLUME TABLE
TABLE NO - 4
NAME OF SPECIES : *Diospyros melanoxylon*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
2
BASED ON EQUATIONS $V=0.38217 D^2 H - 0.00856$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.00614310	0.01202433	0.01790557	0.02378681	0.02966805	0.03554929	0.04143052	0.04731176	0.05319300	0.5907424	0.06495548	0.07083671
30-45	0.03228193	0.04861870	0.06495548	0.08129225	0.09762902	0.11396579	0.13030256	0.14663934	0.16297611	0.17931288	0.19564965	0.21198643
45-60	0.07149018	0.10351026	0.13553033	0.16755040	0.19957048	0.23159055	0.26361063	0.29563070	0.32765077	0.35967085	0.39169092	0.42371099
60-75	0.12376786	0.17669900	0.22963014	0.28256128	0.33549242	0.38842357	0.44135471	0.49428585	0.54721699	0.60014813	0.65307928	0.70601042
75-90	0.18911494	0.26818492	0.34725490	0.42632488	0.50539485	0.58446483	0.66353481	0.74260479	0.82167477	0.90074474	0.97981472	1.05888470
90-105	0.26753145	0.37796803	0.48840461	0.59884119	0.70927777	0.81971435	0.93015093	1.04058751	1.15102409	1.26146067	1.37189725	1.48233383
105-120	0.35901738	0.50604833	0.65307928	0.80011023	0.94714118	1.09417213	1.24120308	1.38823403	1.53526498	1.68229593	1.82932688	1.97635783
120-135	0.46357272	0.65242580	0.84127889	1.03013198	1.21898507	1.40783815	1.59669124	1.78554433	1.97439741	2.16325050	2.35210359	2.54095668
135-150	0.58119748	0.81710047	1.05300346	1.28890645	1.52480944	1.76071243	1.99661542	2.23251842	2.46842141	2.70432440	2.94022739	3.17613038

GENERAL VOLUME TABLE
TABLE NO - 5
NAME OF SPECIES : *Anogiessus latifolia*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
²
BASED ON EQUATIONS $V=0.00931 + 0.38507 D^2 H$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	10.01823681	7.15854344	5.56982489	4.55882219	3.85889723	3.34561894	2.95311200	2.64323811	2.39238781	2.18516365	2.01109536	1.86281496
30-45	3.61252365	2.58303404	2.01109536	1.64713439	1.39516140	1.21038122	1.06907872	0.95752412	0.86721801	0.79261732	0.72995273	0.67657179
45-60	1.84768431	1.32243451	1.03062906	0.84493469	0.71637704	0.62210144	0.55000833	0.49309271	0.44701817	0.40895659	0.37698486	0.34974969
60-75	1.12141298	0.80366927	0.62714499	0.51481135	0.43704191	0.38001099	0.33639911	0.30196868	0.27409642	0.25107152	0.23173060	0.21525500
75-90	0.75377563	0.54107116	0.42290202	0.34770347	0.29564293	0.25746521	0.22827048	0.20522201	0.18656372	0.17115035	0.15820313	0.14717401
90-105	0.54232977	0.39003841	0.30543209	0.25159171	0.21431760	0.18698326	0.16608052	0.14957836	0.13621947	0.12518386	0.11591395	0.10801736
105-120	0.40966707	0.29527934	0.23173060	0.19129049	0.16329349	0.14276236	0.12706208	0.11466712	0.10463311	0.09634415	0.08938141	0.08345020
120-135	0.32100668	0.23195049	0.18247482	0.15099031	0.12919334	0.11320889	0.10098549	0.09133544	0.08352350	0.07707015	0.07164934	0.06703161
135-150	0.25884003	0.18754574	0.14793780	0.12273274	0.10528309	0.09248668	0.08270119	0.07497580	0.06872191	0.06355566	0.05921601	0.05551927

GENERAL VOLUME TABLE
TABLE NO - 6
NAME OF SPECIES : *Phyllanthus emblica*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER

$$V = 0.01244 D^2 H + 0.34322 D^2 H$$

BASED ON EQUATIONS

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.02564459	0.03092642	0.03620825	0.04149009	0.04677192	0.05205376	0.5733559	0.06261742	0.06789926	0.07318109	0.07846293	0.08374476
30-45	0.04911940	0.6379116	0.07846293	0.09313469	0.10780645	0.12147821	0.13714997	0.15182173	0.16649349	0.18116525	0.19583701	0.21050878
45-60	0.08433163	0.11308828	0.14184493	0.17060159	0.19935824	0.22811489	0.25687154	0.28562819	0.31438485	0.34314150	0.37189815	0.40065480
60-75	0.13128127	0.17881777	0.22635428	0.27389078	0.23142729	0.36896380	0.41650030	0.46403681	0.51157332	0.55910982	0.60664633	0.65418283
75-90	0.18996831	0.26097963	0.33199096	0.40200228	0.47401361	0.54502493	0.61603625	0.68704758	0.75805890	0.82907023	0.90008155	0.97109288
90-105	0.26039276	0.35957387	0.45875497	0.55793608	0.65711719	0.75629829	0.85547940	0.95466050	1.05384161	1.15302271	1.25220382	1.35138492
105-120	0.34255463	0.47460048	0.60664633	0.73869218	0.87073803	1.00278388	1.13482973	1.26687558	1.39892143	1.53096728	1.66301313	1.79505898
120-135	0.43645390	0.60605946	0.77566502	0.94527058	1.11487613	1.28448169	1.45408725	1.62369281	1.79329837	1.96290393	2.13250949	2.30211505
135-150	0.54209058	0.75395081	0.96581104	1.17767127	1.38953150	1.60139174	1.81325197	2.02511220	2.23697243	2.44883266	2.60669289	2.87255312

GENERAL VOLUME TABLE
TABLE NO - 7
NAME OF SPECIES : *Lagerstroemia parviflora*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
2
BASED ON EQUATIONS $V=0.35949 D^2 H - 0.00088$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.01295054	0.01848275	0.02401496	0.02954718	0.03507939	0.04061161	0.04614382	0.05167603	0.5720825	0.06274046	0.06827268	0.07380489
30-45	0.3753815	0.05290541	0.06827268	0.08363984	0.09900720	0.11437446	0.12974172	0.14510898	0.16047624	0.17584351	0.19121077	0.20657803
45-60	0.07441958	0.10453941	0.1395924	0.16477908	0.19489891	0.22501874	0.25513857	0.28525841	0.31537824	0.34549807	0.37561790	0.40573773
60-75	0.12359482	0.17338474	0.22317467	0.27296460	0.32275452	0.37254445	0.42233438	0.47212430	0.52191423	0.57170416	0.62149408	0.67128401
75-90	0.18506386	0.25944141	0.33381895	0.40819650	0.48257404	0.55695159	0.63132913	0.70570667	0.78008422	0.85446176	0.92883931	1.00321685
90-105	0.25882672	0.36270940	0.46659209	0.57047478	0.67435746	0.77824015	0.88212283	0.98600552	1.08988821	1.19377089	1.29765358	1.40153627
105-120	0.34488338	0.48318873	0.62149408	0.75979943	0.89810479	1.03641014	1.17471549	1.31302084	1.45132619	1.58963155	1.72793690	1.86624225
120-135	0.44323385	0.62087939	0.79852493	0.97617047	1.15381601	1.33146156	1.50910710	1.68675264	1.86439818	2.04204272	2.21968926	2.39733480
135-150	0.55387813	0.77578139	0.99768464	1.21958789	1.44149115	1.66339440	1.88529765	2.10720091	2.32910416	2.55100741	2.77291067	2.99481392

GENERAL VOLUME TABLE
TABLE NO - 8
NAME OF SPECIES : *Boswellia serrata*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
2
BASED ON EQUATIONS $V=0.36068 D^2 H - 0.00761$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.00626632	0.01181684	0.01736737	0.02291790	0.02846843	0.03401895	0.03956948	0.04512001	0.05067053	0.05622106	0.06177159	0.06732212
30-45	0.03093533	0.04635346	0.06177159	0.07718972	0.09260785	0.10802598	0.12344411	0.13886224	0.15428037	0.16969850	0.18511663	0.20053476
45-60	0.06793884	0.09815838	0.12837791	0.15859745	0.18881699	0.21903652	0.24925606	0.27947559	0.30969513	0.33991467	0.37013420	0.40035374
60-75	0.11727686	0.16723160	0.21718635	0.26714109	0.31709583	0.36705058	0.41700532	0.46696006	0.51691481	0.56686955	0.61682429	0.66677904
75-90	0.17894938	0.25357313	0.32819689	0.40282064	0.47744439	0.55206814	0.62669190	0.70131565	0.77593940	0.85056316	0.92518691	0.99981066
90-105	0.25295641	0.35718297	0.46140954	0.56563610	0.66986266	0.77408923	0.87831579	0.98254234	1.08676892	1.19099548	1.29522204	1.39944861
105-120	0.33929794	0.47806112	0.61682429	0.75558747	0.89435065	1.03311382	1.17187700	1.31064018	1.44940335	1.58816653	1.72692970	1.86569288
120-135	0.43797398	0.61620757	0.79444116	0.97267475	1.15090834	1.32914193	1.50737552	1.68560911	1.86384271	2.04207630	2.22030989	2.39854348
135-150	0.54898452	0.77162233	0.99426013	1.21689794	1.43953575	1.66217356	1.88481136	2.10744917	2.33008678	2.55272479	2.77536259	2.99800040

GENERAL VOLUME TABLE
TABLE NO - 9
NAME OF SPECIES : *Lannea coromandelica*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
2
BASED ON EQUATIONS $V=0.35751 D^2 H$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.01375436	0.01925610	0.02475785	0.03025959	0.03576133	0.04126308	0.04676482	0.05226657	0.05776831	0.06327005	0.06877180	0.07427354
30-45	0.03820655	0.05348918	0.06877180	0.08405442	0.09933704	0.11461966	0.12990228	0.14518490	0.16046753	0.17575015	0.19103277	0.20631539
45-60	0.07488485	0.10483878	0.13479272	0.16474666	0.19470060	0.22465454	0.25460847	0.28456241	0.31451635	0.34447029	0.37442423	0.40437816
60-75	0.12378923	0.17330493	0.22282062	0.27233631	0.32185201	0.37136770	0.42088340	0.47039909	0.51991478	0.56943048	0.61894617	0.66846186
75-90	0.18491872	0.25888761	0.33285550	0.40682338	0.48079123	0.55475916	0.62872705	0.70269493	0.77666282	0.85063071	0.92459860	0.99856649
90-105	0.25827630	0.36158682	0.46489734	0.56820787	0.67151839	0.77482891	0.87813943	0.98144995	1.08476047	1.18807099	1.29138151	1.39469203
105-120	0.34385898	0.48140258	0.61894617	0.75648976	0.89403336	1.03157695	1.16912054	1.30666414	1.44420773	1.58175132	1.71929491	1.85683851
120-135	0.44166776	0.61833486	0.79500197	0.97166907	1.14833618	1.32500328	1.50167038	1.67833749	1.85500459	2.03167170	2.20833880	2.38500591
135-150	0.55170263	0.77238369	0.99306474	1.21374580	1.43442685	1.65510790	1.87578896	2.09647001	2.31715107	2.53783212	2.75851317	2.97919423

GENERAL VOLUME TABLE
TABLE NO - 10
NAME OF SPECIES : *Madhuca latifolia*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
2
BASED ON EQUATIONS $V=0.36089 D^2 H - 0.00951$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.00437440	0.00992816	0.01548191	0.02103567	0.02658943	0.03214329	0.03769695	0.04325071	0.04880447	0.05435823	0.06991198	0.06546574
30-45	0.02905777	0.04448488	0.05991198	0.7533909	0.09076620	0.10619331	0.12162042	0.13704752	0.15247463	0.16790174	0.18332885	0.19875595
45-60	0.06608283	0.09631996	0.12655709	0.15679422	0.18703135	0.21726848	0.24750561	0.27774274	0.30797988	0.33821701	0.36845414	0.39869127
60-75	0.11544957	0.16543340	0.21541723	0.26540106	0.31538489	3.36536872	0.41535254	0.46533637	0.51532020	0.56530403	0.61528786	0.66527169
75-90	0.17715800	0.25182520	0.32649240	0.40115961	0.47582681	0.55049401	0.62516121	0.69982841	0.77449561	0.84916281	0.92383001	0.99849721
90-105	0.25120812	0.35549537	0.45978262	0.56406986	0.66835711	0.77264436	0.87693161	0.98121885	1.05550610	1.18979335	1.29408060	1.39836785
105-120	0.33759992	0.47644389	0.61528786	0.75413183	0.89297580	1.03181977	1.17066374	1.30950770	1.44835167	1.58719564	1.72603961	1.86488358
120-135	0.43633341	0.61467078	0.79300814	0.97134551	1.14968287	1.32802023	1.50635760	1.68469496	1.86303233	2.04136969	2.21970707	2.39804442
135-150	0.54740859	0.77017602	0.99294346	1.21571089	1.40847832	1.66124576	1.88401319	2.10678063	2.32954806	2.55231550	2.77508293	2.99785037

GENERAL VOLUME TABLE
TABLE NO - 11
NAME OF SPECIES : *Buchanania lanzan*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
2
BASED ON EQUATIONS $V=0.01475 + 0.29820 D^2 H$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.02622255	0.03081156	0.03540058	0.03998960	0.04457862	0.04916764	0.5375666	0.05834568	0.06293469	0.06752371	0.07211273	0.07670175
30-45	0.04661818	0.06936546	0.07211273	0.08486000	0.09760728	0.11035455	0.12310182	0.13584910	0.14859637	0.16134364	0.17409092	0.18683819
45-60	0.07721164	0.10219630	0.12718095	0.15216561	0.17715026	0.20213492	0.22711958	0.25210423	0.27708889	0.30207354	0.32705820	0.35204285
60-75	0.11800291	0.15930408	0.20060525	0.24190641	0.28320758	0.32450874	0.36580991	0.40711108	0.44841224	0.48971341	0.53101457	0.57231574
75-90	0.16899201	0.23068881	0.29238562	0.35408242	0.41577922	0.47747603	0.53917283	0.60086963	0.66256644	0.72426324	0.78596004	0.84765685
90-105	0.23017892	0.31635049	0.40252206	0.48869363	0.57486519	0.66103676	0.74720833	0.83337990	0.91955147	1.00572304	1.09189460	1.17806617
105-120	0.30156365	0.41628911	0.53101457	0.64574003	0.76046550	0.87519096	0.98991642	1.10464188	1.21936734	1.33409280	1.44881826	1.56354372
120-135	0.38314620	0.53050468	0.67786316	0.82522164	0.97258012	1.11993861	1.26729709	1.41465557	1.56201405	1.70937253	1.85673101	2.00408949
135-150	0.47492657	0.65899720	0.84306783	1.02713845	1.21120908	1.39527971	1.57935034	1.76342097	1.94749160	2.13156222	2.31563285	2.49970348

GENERAL VOLUME TABLE
TABLE NO - 12
NAME OF SPECIES : *Cleistanthus collinus*
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
2
BASED ON EQUATIONS $V = - 0.0185 + 0.32052 D^2 H$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.00000000	0.00000000	0.00369626	0.00862876	0.01356126	0.01849377	0.02342627	0.02835877	0.03329127	0.03822378	0.04315628	0.04808878
30-45	0.01575349	0.02945488	0.4315628	0.5685767	0.07055907	0.08426046	0.09796186	0.11166326	0.12536465	0.13906605	0.15276744	0.16646884
45-60	0.04863684	0.7549157	0.10234631	0.12920104	0.15605578	0.18291051	0.20976525	0.3661998	0.26347472	0.29032945	0.31718418	0.34403892
60-75	0.09248130	0.13687382	0.18126634	0.22565886	0.27005138	0.31444391	0.35883643	0.40322895	0.44762147	0.49011399	0.53640651	0.58079903
75-90	0.14728688	0.21360164	0.27991639	0.34623114	0.41254590	0.47886065	0.54517540	0.61149016	0.67780491	0.74411966	0.81043442	0.87674917
90-105	0.21305358	0.30567501	0.39829644	0.49091788	0.58353931	0.67616074	0.76878217	0.86140361	0.95402504	1.04664647	1.13926790	1.23188933
105-120	0.28978139	0.41309395	0.53640651	0.65971907	0.78303162	0.90634418	1.02965674	1.15296930	1.27628186	1.39959441	1.52290697	1.64621953
120-135	0.37747032	0.53585845	0.69424658	0.85263471	1.01102284	1.16941097	1.32779910	1.48618723	1.64457536	1.80296349	1.96135162	2.11973975
135-150	0.47612037	0.67396852	0.87181667	1.06966481	1.26751296	1.46536111	1.66320926	1.86105741	2.05890555	2.25675370	2.45460185	2.65245000

GENERAL VOLUME TABLE
TABLE NO - 13
NAME OF SPECIES : REST OF SPECIES
VOLUME IN METER CUBE UNDER BARK UP TO 5 CM TOP OVER BARK DIAMETER
²
BASED ON EQUATIONS $V = - 0.33352 D^2 H + 0.00042$

GIRTH CLASS IN CM.	HEIGHT CLASS IN METER											
	>6-9	>9-12	>12-15	>15-18	>18-21	>21-24	>24-27	>27-30	>30.33	>33-36	>36-39	>39-42
15-30	0.01325140	0.01838396	0.02351652	0.02864908	0.03378164	0.03891420	0.04404676	0.04917932	0.05431188	0.05944444	0.06457700	0.06970956
30-45	0.03606278	0.05031989	0.06457700	0.07883411	0.09309122	0.10734834	0.12160545	0.13586256	0.15011967	0.16437678	0.17863389	0.19289100
45-60	0.07027985	0.09822378	0.12616772	0.15411166	0.18205560	0.20999954	0.23794348	0.26588741	0.29383135	0.32177529	0.34971923	0.37766317
60-75	0.11690260	0.16209564	0.20828868	0.25448173	0.30067477	0.34686781	0.39306085	0.43925389	0.48544693	0.53163997	0.57783301	0.62402605
75-90	0.17293105	0.24193547	0.31093989	0.37994431	0.44894873	0.51795315	0.58695756	0.65596198	0.72496640	0.79397082	0.86297524	0.93197966
90-105	0.24136518	0.33774326	0.43412133	0.53049940	0.62687748	0.72325555	0.81963362	0.91601170	0.01238977	1.10876774	1.20514592	1.30152399
105-120	0.32120501	0.44951901	0.57783301	0.70614702	0.83446102	0.96277502	1.09108902	1.21940303	1.34771703	1.47603103	1.60434504	1.73265904
120-135	0.41245052	0.57726273	0.74207494	0.90688715	1.07169935	1.23651156	1.40132377	1.56613598	1.73094819	1.89576039	2.06057260	2.22538481
135-150	0.51510172	0.72097441	0.92684710	1.13271979	1.33859248	1.54446517	1.75033786	1.95621055	2.16208324	2.36795593	2.57382861	2.77970130

APPENDIX NO XXIV
(Vide Para No 7.2.8)

VOLUME CONVERSION FACTOR FOR BALLARSHAH CATCHMENT,
CHANDRAPURDISTRICT FOR TEAK FOREST
(Source- Forest Survey of India, Dehra dun 1976)

Sr.No.	Name of Species	Girth Classes in Cm.							
1	2	3	4	5	6	7	8	9	10
		30-45	45-60	60-75	75-90	90-105	105-120	120-135	135-150
1	Teak	0.051	0.123	0.250	0.424	0.653	0.962	1.396	2.148
2	Ain	0.011	0.106	0.196	0.381	0.553	0.780	0.985	1.400
3	Karra	0.037	0.088	0.177	0.268	0.382	0.471	0.710	0.965
4	Tendu	0.037	0.086	0.220	0.362	0.582	0.932	1.736	2.350
5	Dhawada	0.023	0.135	0.290	0.491	0.736	0.970	1.460	2.060
6	Mahua	0.072	0.160	0.289	0.450	0.860	1.589	2.100	3.900
7	Mundi	--	--	--	--	--	--	--	--
8	Palas	0.041	0.110	0.225	0.313	0.517	0.705	0.950	1.300
9	Surya	0.053	0.100	0.357	0.679	0.900	1.320	2.120	2.600
10	Salai	0.030	0.100	0.223	0.363	0.480	0.820	1.120	1.480
11	Mode	0.038	0.104	0.230	0.379	0.510	0.720	0.900	1.700
12	Khair	0.038	0.131	0.183	0.371	0.530	0.755	1.120	1.680

APPENDIX NO.XXV.**(Vide Para No.7.2.8)**

**VOLUME CONVERSION FACTOR FOR BALLARSHAH CATCHMENT,
CHANDRAPURDISTRICT FOR TEAK-MISCELLANEOUS FOREST
(Source- Forest Survey of India, Dehra dun 1976)**

Sr.No.	Name of Species	Girth classes in cm.							
1	2	3	4	5	6	7	8	9	10
		30-45	45-60	60-75	75-90	90-105	105-120	120-135	135-150
1	Teak	0.053	0.129	0.254	0.429	0.647	0.929	1.380	2.157
2	Ain	0.043	0.107	0.214	0.356	0.496	0.770	1.279	2.075
3	Dhawada	0.057	0.138	0.271	0.464	0.719	0.971	1.343	1.790
4	Tendu	0.034	0.099	0.203	0.363	0.566	0.900	1.431	2.529
5	Karra	0.035	0.089	0.170	0.272	0.369	0.472	0.570	0.700
6	Salai	0.047	0.103	0.219	0.356	0.554	0.761	1.121	1.841
7	Mahua	0.069	0.151	0.268	0.449	0.662	0.980	1.532	2.788
8	Bibla	0.041	0.116	0.233	0.399	0.570	0.808	1.169	1.600
9	Mode	0.044	0.108	0.207	0.362	0.523	0.785	0.997	2.000
10	Surya	0.050	0.115	0.280	0.548	0.800	1.120	1.585	2.100
11	Lendia	0.041	0.108	0.223	0.395	0.596	0.817	1.182	1.745
12	Mokha	0.042	0.103	0.206	0.341	0.548	0.768	1.240	1.640
13	Total	0.556	1.363	2.748	4.734	7.050	10.081	14.829	22.965
	Other	0.046	0.114	0.229	0.395	0.588	0.840	1.236	1.918
	Khair	0.038	0.181	0.183	0.371	0.530	0.755	1.120	1.680

APPENDIX NO.XXVI

(Vide Para No 7.2.8)

**VOLUME CONVERSION FACTOR FOR BALLARSHAH CATCHMENT,
CHANDRAPUR DISTRICT FOR MISCELLANEOUS FOREST
(Source- Forest Survey of India, Dehra dun 1976)**

[illegible]

APPENDIX NO-XXVII(i)
(Vide Para No.

STATEMENT SHOWING ENUMERATION DATA OF SELECTION CUM IMPROVEMENT WORKING CIRCLE.

Name of species	Girth class in cm									
	15--30	30--45	45--60	60--75	75--90	90--105	105--120	120--135	135 above	Total
1	2	3	3	4	5	6	7	8	9	10
Teak	839	603	405	263	164	129	76	57	33	2569
Ain	337	334	252	198	167	128	70	44	38	1568
Bija	81	88	78	123	131	140	102	84	48	875
Haldu	22	12	2	--	-	1	1	--	1	39
Shisham	22	89	123	99	62	24	6	2	4	431
Shiwan	3	--	3	3	3	1	2	3	--	18
Tiwas	--	--	--	2	1	--	--	--	--	3
Shehana	594	505	298	228	142	118	60	25	17	1987
Garari	1639	1080	516	278	172	83	19'	13	23	3823
Dhaoda	402	270	307	280	224	148	55	33	19	1738
Moha	225	238	208	223	229	217	121	104	94	1659
Tendu	716	418	307	224	239	187	125	39	35	2290
Khair	375	418	226	78	22	13	--	2	2	1136
Aonla	28	198	144	139	72	42	25	10	10	898

Appendix No.XXVII continued....

1	2	3	4	5	6	7	8	9	10	11
Hirda	12	4	8	3	--	--	1	--	--	28
Beheda	33	85	36	49	37	38	26	20	13	337
Dikamali	--	--	--	--	--	--	--	--	--	--
Char	208	211	142	133	46	35	19'	6	5	805
Ghoti	541	374	176	98	24	13	2	1	2	1231
Other	2014	2425	2326	1291	954	707	386	201	99	10403
TOTAL	8321	7353	5557	3712	2689	2024	1096	644	443	31838

APPENDIX NO. XXVII (ii)
AVERAGE STEMS PER HECTARE
SELECTION-CUM-IMPROVEMENT WORKING CIRCLE

[illegible]

Appendix No.XXVII continued....

Char	1.50	1.52	1.02	0.95	0.33	0.25	0.13	0.04	0.03	5.77
Ghoti	3.90	2.69	1.26	0.70	0.17	0.09	0.01	0.01	0.01	8.84
Other	14.53	17.49	16.78	19.31	6.88	5.16	2.78	1.45	0.71	75.09
TOTAL	59.99	52.97	40.04	26.70	19.37	14.64	7.82	4.60	3.12	229.25

APPENDIX NO.XXVII (iii)
STATEMENT SHOWING PERCENTAGE OF AVERAGE STEMS PER HECTARE
SELECTION CUM IMPROVEMENT WORKING CIRCLE

Name of						Girth class in cm				
species	15--30	30--45	45--60	60--75	75--90	90--105	105--120	120--135	135 above	Total
1	2	3	4	5	6	7	8	9	10	11
Teak	2.64	1.90	1.27	0.82	0.51	0.41	0.24	0.18	0.10	8.08
Ain	1.06	1.05	0.79	0.62	0.52	0.41	0.22	0.13	0.12	4.92
Bija	0.25	0.27	0.24	0.44	0.41	0.44	0.32	0.26	0.15	2.73
Haldu	0.07	0.03	0.00	--	--	0.00	0.00	--	0.00	0.12
Shisham	0.07	0.28	0.38	0.31	19.00	0.07	0.02	0.00	0.00	1.35
Shiwan	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	--	0.05
Tiwas	--	--	--	0.00	0.00	--	--	--	--	0.00
Shehana	1.87	1.60	0.94	0.72	0.45	0.37	0.19	0.08	0.05	6.25
Garari	5.16	3.40	1.62	0.87	0.54	0.26	0.06	0.04	0.07	12.03
Dhaoda	1.27	0.85	0.96	0.88	0.70	0.46	0.17	0.10	0.06	5.45
Moha	0.71	0.75	0.65	0.70	0.72	0.68	0.38	0.33	0.29	6.20
Tendu	2.25	1.31	0.96	0.70	0.75	0.59	0.39	0.12	0.11	7.20
Khair	1.18	1.31	0.71	0.24	0.07	0.04	--	0.00	0.00	3.56
Aonla	0.81	0.62	0.45	0.44	0.23	0.13	0.07	0.03	0.03	2.85
Hirda	0.03	0.00	0.03	0.00	--	--	0.00	--	--	0.08

Appendix No.XXVII continued.....

Beheda	0.10	0.27	0.11	0.15	0.11	0.12	0.07	0.06	0.04	1.03
Char	0.66	0.66	0.44	0.41	0.14	0.11	0.06	0.02	0.01	2.51
Ghoti	1.70	1.17	0.55	0.30	0.07	0.04	0.00	0.00	0.00	3.86
Other	6.34	7.64	7.33	4.15	3.00	2.25	1.21	0.63	0.31	32.79
TOTAL	26.20	23.13	17.48	11.66	8.46	6.39	3.41	2.01	1.36	100.00

APPENDIX NO. XXVII (iv)

STATEMENT SHOWING THE ENUMERATION DATA OF IMPROVEMENT WORKING CIRCLE.

Name of species	Girth Class in cm									
	15--30	30--45	45--60	60—75	75--90	90--105	105--120	120--135	135 above	Total
1	2	3	4	5	6	7	8	9	10	11
Teak	4851	2502	1118	570	333	251	155	87	113	9980
Ain	3271	1416	645	471	371	316	164	107	106	6867
Bija	252	231	206	286	276	278	189	146	172	2030
Haldu	24	18	8	3	1	2	0	0	1	57
Shisham	152	343	401	332	144	85	44	6	11	1518
Shiwan	8	10	9	11	7	3	3	2	1	54
Tiwas	5	4	0	1	0	1	1	0	0	12
Shehana	2342	1194	531	341	227	178	70	64	27	4974
Garari	4160	2498	960	602	243	110	39	25	25	8662
Dhaoda	1724	729	621	616	423	316	195	123	112	4859
Moha	856	607	505	536	549	611	462	380	582	5088
Tendu	5393	1750	859	702	515	447	278	202	218	10364
Khair	1720	1348	600	243	80	34	10	3	3	4041
Aonla	563	331	164	107	66	24	22	8	3	1288
Beheda	217	150	138	124	109	87	62	49	50	986

Appendix No. XXVII continued.....

Dikamali	15	9	0	0	0	0	0	0	1	25
Char	1083	548	272	128	54	42	14	7	9	2157
Ghoti	1448	564	228	104	23	9	2	0	2	2380
Hirda	64	40	14	9	1	4	1	0	0	133
Other	9734	6898	4317	3088	1998	1499	931	572	619	29656
TOTAL	37882	21190	11596	8274	5420	4291	2642	1776	2055	95131

APPENDIX NO. XXVII (v)

STATEMENT SHOWING AVERAGE STUMS PER HECTSRE OF IMPROVEMENT WORKING CIRCLE .

[illegible]

Appendix No. XXVII continued.....

Char	1.87	0.94	0.47	0.22	0.09	0.07	0.02	0.01	0.01	3.70
Ghoti	2.50	0.97	0.39	0.18	0.04	0.01	0.00	0.00	0.00	4.09
Hirda	0.11	0.06	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.20
Other	16.82	11.92	7.46	5.33	3.45	2.59	1.61	0.98	1.06	51.21
TOTAL	65.42	36.53	19.98	14.23	9.33	7.36	4.51	3.12	3.47	163.95

APPENDIX NO. XXVII (vi)
STATEMENT SHOWING THE PERCENTAGE OF AVERAGE STUMP PER HECTARE OF IMPROVEMENT
WORKING CIRCLE.

Name of species	Girth class in cm									
	15--30	30--45	45--60	60--75	75—90	90--105	105--120	120--135	135 above	Total
1	2	3	4	5	6	7	8	9	10	11
Teak	5.10	2.62	1.17	0.60	0.34	0.26	0.15	0.09	0.11	10.44
Ain	3.43	1.47	0.67	0.49	0.38	0.33	0.17	0.11	0.11	7.16
Bija	0.26	0.24	0.20	0.30	0.28	0.28	0.19	0.15	1.17	3.07
Haldu	0.02	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03
Shisham	0.15	0.35	0.42	0.35	0.15	0.08	0.04	0.00	0.01	1.55
Shiwan	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0.01
Shehana	2.46	1.25	0.55	0.35	0.23	0.19	0.07	0.06	0.02	5.18
Garari	4.37	2.62	1.00	0.63	0.25	0.11	0.03	0.02	0.02	9.05
Dhaoda	1.81	0.76	0.65	0.64	0.44	0.33	0.20	0.02	0.11	4.96
Moha	0.89	0.62	0.53	0.56	0.56	0.63	0.47	0.39	0.61	5.26
Tendu	5.67	1.83	0.90	0.73	0.54	0.47	0.28	0.21	0.22	10.85
Khair	1.81	1.41	0.63	0.25	0.08	0.03	0.01	0.00	0.00	4.22

Appendix No. XXVII continued....

Aonla	0.58	0.34	0.16	0.10	0.06	0.02	0.02	0.00	0.00	1.28
Beheda	0.22	0.14	0.14	0.13	0.11	0.09	0.06	0.04	0.04	0.97
Dikamali	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01
Char	1.14	0.56	0.28	0.13	0.05	0.04	0.01	0.00	0.00	2.21
Ghoti	1.52	0.58	0.23	0.11	0.02	0.00	0.00	0.00	0.00	2.46
Hirda	0.07	0.03	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.11
Other	10.25	7.26	4.53	3.24	2.10	1.58	0.98	0.60	0.64	31.18
TOTAL	39.76	22.09	12.07	8.62	5.59	4.44	2.68	1.69	3.06	100.00

APPENDIX NO.XXVIII

(vide Para No 7.3.1)

STATEMENT SHOWING THE ANNUAL YIELD OF SELECTION-CUM- IMPROVEMENT WORKING CIRCLE

Felling cycle	Annual Average estimated yield	Remarks
1	2	3
1 st Cycle	19725.35	
2 nd Cycle	9503.83	
3 rd Cycle	16702.29	
4 th Cycle	16484.91	

APPENDIX NO.XXIX

(Vide Para No 7.4.1)

**LIST OF SAMPLE PLOTS AND PRESERVATION PLOTS IN
CHANDRAPUR FOREST DIVISION.****A- SAMPLE PLOT**

Sr. No.	Plot No.	Comptt. No.	Year of Estt.	Location	Species	Area (Ha.)	No.of trees
1	3	143	1925	Moharli,Behind R.H.	Teak	0.082	65
2	4	91	1925	Near Naka,Tadoba	Teak	0.132	109
3	5	16	1931	Kanhargaon near C.No.76	Misc.	2.660	1043
4	5	394	1934	Mul Road Chandrapur	Teak	0.202	319
5	6	397	1953	Research Nursery, Lohara	Maharukh	0.210	109
6	11	170	1975	Dewada Road Nalla	Teak	0.210	170
7	12	461	1976	Gilbili Jambharla Rd	Teak	0.190	200
8	13	312-A	1977	Near Kolsa Nala	Teak	0.204	314
9	46	13	1991	Near Kanhargaon	Teak	1.000	1158
10	47	402	1991	Govind Van,Near Rangers College	Misc	1.000	1314
11	48		1993	Urja Nagar,Infront of R.H.	Misc	1.000	1028
12	49	307/2	1993	Inarasa Miya,Visapur,Near B'pur	Shiwan	1.000	1725
13	50		1995	Urja Nagar	Mixed	1.000	809
14	51		1994	Urja Nagar	Mixed	1.000	600

B-PRESERVATION PLOT

Sr. No.	Plot No.	Comptt. No.	Year of Estt.	Location	Species	Area (Ha.)	No.of trees
1	4	19	1953	Kanhargaon	Misc.	10.560	992
2	9	287	1992	Kolsa	Misc.	10.000	1166
3	10	19	1993	Kanhargaon	Misc.	27.000	2013
4	11	155,166	1994	Moharli-Tadoba	Misc.	10.000	592
5	12	18	1995	Kanhargaon	Misc.	5.000	365
		TOTAL PLOT AREA :				62.560	

--00--

APPENDIX NO.XXX

(Vide Para No 8.7.1)

STATEMENT SHOWING CLASSIFICATION OF FOREST AREA OF CHANDRAPUR FOREST DIVISION BY RANGES & COMPARTMENTS.

	OLD R.F.		NEW R.F.		P.F.		UN P.F.		TOTAL	
RANGE	COMPTT.	AREA	COMPTT.	AREA	COMPTT.	AREA	COMPTT.	AREA	COMPTT.	AREA
1	2	3	4	5	6	7	8	9	10	11
Chandrapur	21	6292.987	2	35.030	48	3281.100	--	--	71	9609.117
Mul	35	14121.968	14	1210.590	221	9565.780	5	73.690	275	24972.028
Warora	30	12835.882	10	1497.350	71	4633.960	5	99.420	116	19066.612
Moharli	40	10401.580	5	289.860	65	3219.990	--	--	110	13911.430
Kolsa	48	17513.867	16	1485.560	70	2090.070	--	--	134	21089.547
TOTAL	174	61166.284	47	4518.440	475	22790.900	10	173.110	706	88648.734

APPENDIX NO. XXXI

STATEMENT SHOWING THE RANGEWISE COPARTMENT ALLOTTED TO S.C.I. WORKING CIRCLE.

Name of Range	R.F.Compartment	P.F.Compartment	Area
1	2	3	4
Chandrapur	374,375,376, 377,380	592,593,594, 595,596,597	3129.67
Mul	328,329pt,348, 349,350,351,356pt 357,370,457,519, 528	--	5977.16
Warora	201.202pt.,215pt, 219,	--	1149.625
Mohorli	102,103,104pt,105 154pt,165,166 167,169,170pt 171,172,175,179, 185,189,190,191pt 192,193,197pt,	862,863,865,866,	5817.350
Shioni	220,221,227,237 238,239,241,244 246,261,262,272 274,322,326	--,	5674.070
Total			21747.902

APPENDIX NO.XXXII

(vide Para No.)

STATEMENT SHOWING THE RESULTS OF STOCK MAPPING FOR CHANDRAPUR FOREST DIVISION**(A) WARORA RANGE**

Comptt No.	Teak				Total of Column 2 to 5	Miscellaneous species				Total of Column 7 to 10
	Site Quality					Site Quality				
	II	III	IVa	IVb		II	III	IVa	IVb	
1	2	3	4	5	6	7	8	9	10	11
1	-	-	-	-	-	-	-	-	78.046	78.046
2	-	-	-	-	-	-	-	-	214.034	214.034
3	-	-	-	-	-	-	-	-	231.402	231.402
4	-	-	-	-	-	-	-	-	341.687	341.687
5	-	-	-	-	-	-	-	-	427.342	427.342
6	-	-	-	-	-	-	-	-	90.855	90.855
7	-	-	-	-	-	-	-	-	209.520	209.520
8	-	-	-	-	-	-	-	-	154.264	154.264
9	-	-	-	-	-	-	-	-	698.089	698.089
10	-	-	-	-	-	-	-	-	442.381	442.381
11	-	-	-	-	-	-	-	-	335.82	335.82
12	-	-	-	-	-	-	-	-	264.970	264.970
13	-	-	-	-	-	-	-	-	149.74	149.74
14	-	-	-	-	-	-	-	-	106.040	106.040
199	-	-	-	-	-	-	130.710	21.850	-	152.56
200	-	-	-	-	-	-	-	-	-	-
201	-	-	-	-	-	-	123.82	24.28	100.38	248.48
202	-	-	-	-	-	-	373.93	65.15	135.59	574.67
203	-	-	-	-	-	-	159.44	294.88	-	454.32
204	--	-	-	-	--	-	209.64	269.655	-	479.295

A. Warora Range from Col.12 continued.....

Plantation area	Total workable area	Unworkable area			Total of column 14 to 16	Area of the Comptt	Bamboo area		Total of Column 19 to 20
		u/s	bl	water					
12	13	14	15	16	17	18	19	20	21
25.00	103.046	-	235.274	-	235.274	338.320	-	-	-
25.00	-	-	291.528	72.428	363.956	602.990	-	-	-
-	231.402	-	204.848	-	204.848	436.250	-	-	-
-	341.687	-	101.443	-	101.443	443.130	-	-	-
-	427.342	-	161.478	-	161.478	588.82	-	-	-
-	90.855	-	232.551	0.114	232.665	320.520	-	-	-
60.00	269.520	780.24	-	-	780.240	1049.76	-	-	-
40.00	194.264	-	334.265	-	334.246	528.510	-	-	-
-	698.089	-	313.611	-	313.611	1011.700	-	-	-
30.00	472.381	-	94.579	-	94.579	566.96	-	-	-
40.00	375.82	-	156.340	-	156.340	532.160	-	-	-
-	264.970	-	43.588	-	43.588	307.970	-	-	-
-	149.740	235.12	-	-	235.120	384.860	-	-	-
-	106.040	539.85	-	-	539.850	645.890	-	-	-
-	152.56	82.56	-	-	82.56	235.12	235.12	-	235.12
401.85	-	-	-	-	-	401.85	65.13	336.72	401.85
-	248.48	63.13	-	-	63.13	311.61	36.87	274.74	311.61
-	574.67	87.41	-	-	87.41	662.08	153.88	508.20	662.08
-	454.32	-	162.017	1.623	163.64	617.96	222.83	495.13	617.96
-	479.295	-	48.015	-	48.015	527.31	156.23	371.08	527.31

Warora Range continued.....

1	2	3	4	5	6	7	8	9	10	
	-	-	-	-	-	-	223.78	101.98		392.13
206		-	-	-	-	-	105.22	72.84	74.98	253.04
207	-	-	-	-	-	-	-	96.32	42.089	138.409
208	-	-	-	-	-	-	-	24.38	73.285	97.665
210	-	-	-	-	--	-	197.08	122.72	-	319.80
211	-	-	-	-	-	-	57.319	-	-	57.379
213	-	-	-	-	-	-	18.35	-	-	18.35
214	-	-	-	-	-	-	-		27.098	27.098
215	-	-	-	-	-	-	154.625	-	-	154.625
219	-	-	-	-	-	-	129.09	74.83	91.312	295.272
Total	-						1883.004	1168.925	4355.294	7407.223

12	13	14	15	16	17	18	19	20	21
-	392.13	72.04	-	-	72.04	464.17	83.65	380.52	464.17
100.00	353.04	-	0.65	-	0.65	353.69	98.12	255.57	353.69
-	138.409	-	6.471	-	6.471	144.88	68.54	76.34	144.88
-	97.665	-	5.125	-	5.125	102.79	-	102.79	102.79
-	319.80	-	12.86	-	12.86	332.66	68.13	264.53	332.66
60.00	117.319	-	40.511		40.511	157.83	111.03	46.80	157.83
-	18.35	-	109.93	-	109.93	128.28	-	128.28	128.28
-	27.098	-	25.112	-	25.112	52.210	-	52.21	52.21
25.00	179.625	-	77.777	-	77.777	257.402	99.75	157.65	257.402
-	295.272	-	32.928	-	32.928	328.20	105.66	222.54	328.20
608.85	75.73.189	2003.20	2690.868	74.165	4768.233	12835.882	1404.94	3673.102	5078.042

(B) RANGE-MOHORLI

1	2	3	4	5	6	7	8	9	10	11
102	-	-	-	-	-	-	149.73	57.06	-	206.79
103	-	-	-	-	-	-	25.90	296.63	-	322.53
104	-	-	-	-	-	-		188.99	-	205.18
105	-	6.88	-	-	6.88	-	4.05	196.28	151.549	351.879
154	-	-	-	-	-	-	78.25	63.29	121.92	263.46
164	-	-	-	-	-	-	-	66.38	251.31	317.69
165	-	-		-	-	-	-	231.07	-	231.07
166	-	-	-	-	-	-	-	89.77	277.29	367.06
167	-	-	-	-	-	-	45.33	139.22	102.78	287.33
168	-	-	-	-	-	-	16.19	126.26	-	142.45
169	-	-	-	-	-	-	64.48	145.26	140.72	350.46
170	-	-	-	-	-	-	159.02	101.349	-	260.369
171	-	-	-	-	-	-	111.69	28.72	-	140.41
172	-	-	-	-	-	-	88.63	65.55	-	154.18
173	-	-	-	-	-	-	116.95	144.07	-	261.02
174	-	-	-	-	-	-	58.28	137.18	15.37	210.83
175	-	-	-	-	-	-	101.57	91.07	88.326	280.966
176	-	-	-	-	-	-	88.21	117.77	-	205.98
177	-	-	-	-	-	-	67.98	244.44	-	312.42
178	-	-	-	-	-	-	-	134.36	-	134.36
179	-	-	-	-	-	-	-	75.68	188.051	263.731
180	-	-	-	-	-	-	28.74	132.59	-	161.33
181	-	-	-	-	-	-	5.67	201.53	110.08	317.28
182	-	-	-	-	-	-	98.74	58.28	-	157.02
183	-	-	-	-	-	-	19.42	36.42	144.019	199.859

1	2	3	4	5	6	7	8	9	10	11
184	-	-	-	-	-	-	114.12	106.25	-	220.37
185	-	-	-	-	-	-	78.91	75.68	-	154.59
186	-	-	-	-	-	-	116.15	7.69	89.437	213.277
187	-	-	-	-	-	-	27.92	91.05	41.29	160.26
188	-	-	-	-	-	-	61.10	106.03	78.002	245.132
189	-	-	-	-	-	-	7.69	164.71	71.777	244.177
190	-	78.91	-	17.81	96.72	-	197.89	36.42	50.18	284.49
191	-	10.12	-	-	10.12	-	195.80	120.33	-	316.13
192	-	-	-	-	-	-	30.35	116.14	-	146.49
193	-	-	-	-	-	-	28.352	-	-	28.352
194	-	7.28	-	-	7.28	-	30.76	80.31	-	111.07
195	-	-	-	-	-	-	127.06	11.33	59.861	198.251
196	-	-	-	-	-	-	38.04	-	147.69	185.73
197	-	-	-	-	-	-	44.10	172.46	-	216.56
198	-	-	-	-	-	-	42.09	55.04	65.15	162.28
Total	-	103.19	-	17.81	121.00	-	2485.352	4312.659	2194.802	8992.813

12	13	14	15	16	17	18	19	20	21
-	-	-	-	-	-	206.79	25.36	169.26	194.62
-	-	-	-	-	-	322.53	47.33	182.52	229.85
70.00	-	-	-	-	-	275.18	41.15	203.68	244.83
-	358.759	-	11.131	-	11.131	369.89	63.78	170.95	234.73
-	263.46	14.96	-	-	14.96	278.42	-	-	-
-	317.69	6.07	-	-	6.07	323.76	98.75	-	98.75
-	-	-	-	-	-	231.07	7.28	-	7.28
-	-	-	-	-	-	367.06	-	-	-

12	13	14	15	16	17	18	19	20	21
-	-	-	-	-	-	287.33	-	-	-
-	142.45	20.23	-	-	20.23	162.68	119.02	43.66	162.68
-	-	-	-	-	-	350.46	-	-	-
-	260.369	-	0.231	-..	0.231	260.60	-	260.60	260.60
-	140.41	134.36	-	-	134.36	274.77	128.13	146.64	274.77
-	154.18	92.27	-	-	92.27	246.55-	158.77	87.63	246.45
-	-	-	-	-	-	261.02	261.02	-	261.02
-	210.83	80.54	--	-	80.54	291.37	291.37	-	291.37
-	280.966	-	0.694	-	0.694	281.66	281.65	-	281.65
-	-	-	-	-	-	205.98	169.86	36.12	205.98
-	-	-	-	-	-	312.42	133.88	178.54	312.42
-	-	-	-	-	-	134.36	93.60	40.76	134.36
-	263.731	-	1.749	-	1.749	265.48	126.38	139.10	265.48
-	161.33	-	32.10	-	32.10	193.43	70.82	122.61	193.43
-	-	-	-	-	-	317.28	220.96	96.32	317.28
-	-	-	-	-	-	157.02	100.36	56.66	157.02
-	199.859	-	12.601	-	12.601	212.46	90.23	122.23	212.46
-	220.37	-	43.900	-	43.900	264.27	173.77	90.50	264.27
-	-	-	-	-	-	154.59	136.61	17.98	154.59
-	213.277	-	0.393	-	0.393	213.67	127.88	85.79	213.67
-	16.26	12.14	-	-	12.14	172.40	27.92	144.48	172.40
-	245.132	-	9.408	-	9.408	254.54	103.89	150.65	254.54
-	244.177	-	2.693	-	2.693	246.87	196.52	45.50	242.02
-	381.21	33.99	-	-	33.99	415.20	345.45	68.75	414.20
40.00	366.25	46.54	-	-	46.54	412.79	342.71	79.08	421.79
-	146.49	45.33	-	-	45.33	191.82	35.96	155.86	191.82
-	28.352	-	16.271	143.147	159.418	187.77	-	187.77	187.77
50.00	168.35	46.94	-	-	46.94	215.29	190.19	25.10	215.29

12	13	14	15	16	17	18	19	20	21
84.00	282.251	-	0.209	-	0.209	282.46	235.65	30.25	265.90
-	-	-	-	-	-	185.73	141.23	42.50	185.73
74.00	290.56	62.32	-	-	62.32	352.88	136.05	216.83	352.88
-	162.28	99.55	-	-	99.55	261.83	60.00	201.83	261.83
318.00	5662.993	695.24	131.38	143.147	969.767	10401.58	4785.52	3600.15	8385.67

(C) SHIONI RANGE

1	2	3	4	5	6	7	8	9	10	11
220	-	-	-	-	-	-	16.19	143.67	161.06	320.92
221	-	-	-	-	-	-	-	-	222.696	222.696
222	-	-	-	-	-	-	-	-	181.598	181.598
223	-	-	-	-	-	-	-	-	280.464	280.464
224	-	-	-	-	-	-	-	125.43	94.091	219.521
225	-	-	-	-	-	-	92.27	279.723	-	371.993
226	-	-	-	-	-	-	-	112.10	150.784	262.884
227	-	21.50	-	15.20	36.70	-	-	95.91	38.69	134.60
228	-	-	42.89	-	42.89	-	-	64.295	-	64.295
229	-	-	13.76	-	13.76	-	-	122.777	-	122.777
230	-	-	-	-	-	-	-	265.88	70.511	336.391
231	-	-	-	-	-	-	-	160.967	-	160.967
232	-	-	-	-	-	-	-	92.653	-	92.653
233	-	-	-	-	-	-	-	195.628	-	195.628
234	-	-	-	-	-	-	-	183.33	165.974	349.304
235	-	-	-	-	-	-	-	135.57	63.905	199.475
236	-	-	-	-	-	-	43.30	364.271	-	407.571
237	-	29.14	-	-	29.14	-	8.50	765.635	-	774.135

1	2	3	4	5	6	7	8	9	10	11
238	-	-	-	-	-	-	9.71	129.374	-	139.084
239	-	-	-	-	-	-	43.30	181.19	-	224.49
240	-	-	177.50	-	177.50	-	40.40	142.148	-	182.548
241	-	-	-	-	-	-	87.01	63.54	95.522	246.072
242	-	-	-	-	-	-	-	184.998	-	184.998
243	-	-	-	-	-	-	3.24	99.16	27.282	129.682
244	-	-	-	-	-	-	61.91	184.653	-	246.563
246	-	-	-	-	-	-	4.86	223.121	-	227.981
247	-	-	-	-	-	-	-	209.63	70.608	280.238
261	-	-	-	-	-	-	22.26	211.489	-	233.749
262	-	-	-	-	-	-	11.35	155.81	-	167.16
263	-	-	-	-	-	-	-	250.733	-	250.733
264	-	-	-	-	-	-	-	204.775	-	204.775
265	-	-	61.91	-	61.91	-	-	370.53	-	370.53
266	-	-	-	-	-	-	-	-	159.04	159.04
268	-	-	-	-	-	-	-	59.47	-	59.47
269	-	-	-	-	-	-	-	385.94	87.47	473.41
270	-	-	-	-	-	-	208.02	120.17	4.86	333.05
271	-	-	-	-	-	-	-	297.85	54.996	352.846
272	-	-	-	-	-	-	186.98	242.216	-	429.196
273	-	55.04	-	-	55.04	-	176.85	79.32	-	256.17
274	-	208.01	-	-	208.01	-	-	455.67	-	455.67
275	-	-	-	-	-	-	266.29	180.49	39.24	486.02
319	-	-	-	-	-	-	30.059	-	-	30.059
320	-	-	-	-	-	-	100.77	69.194	-	169.964
321	-	-	-	-	-	-	-	479.957	-	479.957

Appendix continued....

322	-	-	-	-	-	-	27.52	232.68	122.868	383.068
326	-	-	-	-	-	-	-	4.575	-	4.575
1	2	3	4	5	6	7	8	9	10	11
Total	-	313.69	296.06	15.20	624.95	-	1440.789	8326.522	2091.659	11858.970

Shioni Range from col. 12 continued.....

12	13	14	15	16	17	18	19	20	21
-	-	-	-	-	-	320.92	120.53	200.39	320.92
-	222.696	-	75.164	-	75.164	297.86	-	2.43	2.43
-	181.598	-	123.612	-	123.612	311.21	-	73.24	73.24
-	280.464	-	69.196	-	69.196	349.66	-	93.90	93.90
-	219.521	-	3.039	-	3.039	222.56	68.33	154.23	222.56
-	371.993	-	15.697	-	15.697	387.69	102.63	216.66	319.29
-	262.884	-	38.596	-	38.596	301.48	-	-	-
-	171.300	-	92.96	-	92.96	264.26	78.20	186.06	264.26
-	107.185	-	148.575	-	148.575	255.76	105.33	150.43	255.56
-	136.537	-	130.143	-	130.143	266.68	98.23	168.45	266.68
-	336.391	-	69.099	-	69.099	405.49	79.88	325.61	405.49
-	160.967	-	98.843	-	98.843	259.81	103.88	155.93	259.81
30.00	122.653	-	104.777	-	104.777	227.43	56.45	170.98	227.43
-	195.628	-	68.232	-	68.232	263.86	62.51	201.35	263.86
-	349.304	-	33.126	-	33.126	382.43	87.56	294.87	382.43
-	199.475	-	126.295	-	126.295	325.77	100.77	196.67	297.44
-	407.571	-	32.329	-	32.329	439.90	118.12	321.78	439.90
-	803.275	-	17.035	-	17.035	820.31	166.87	567.61	734.48
-	139.084	-	13.076	-	13.076	152.16	-	33.59	33.59

-	224.49	-	32.26	-	32.26	255.75	65.98	66.75	132.73
-	360.048	-	94.022	-	94.022	454.07	96.54	288.72	385.26
-	246.072	-	69.558	-	69.558	315.63	46.75	103.80	150.55
-	184.998	-	62.672	-	62.672	247.67	-	70.00	70.00
12	13	14	15	16	17	18	19	20	21
-	129.682	-	203.378	-	203.378	333.06	36.45	108.03	144.48
-	246.563	-	83.647	-	83.647	330.21	72.68	206.94	279.62
-	227.981	-	175.899	-	175.899	403.88	26.36	105.98	132.34
-	280.238	-	60.102	-	60.102	340.34	114.12	212.06	326.18
-	233.749	-	17.151	-	17.151	250.90	56.56	194.34	250.90
-	167.16	-	22.63	-	22.63	189.79	46.78	143.01	189.79
-	250.733	-	16.357	-	16.357	267.09	111.23	155.86	267.09
-	204.775	-	27.515	-	27.515	232.29	68.74	163.55	232.29
-	432.44	-	39.706	3.364	43.070	475.51	136.23	339.28	475.51
-	159.04	402.26	-	-	402.26	561.300	-	-	-
-	59.47	433.45	-	-	433.45	492.92	65.45	427.47	492.92
-	473.41	-	32.846	-	32.846	506.25	123.54	381.100	504.64
-	333.05	139.22	--	-	139.22	472.27	88.44	274.95	363.39
-	352.846	-	22.704	-	22.704	375.55	78.63	296.92	375.55
-	429.196	-	31.744	-	31.744	460.94	133.12	327.82	460.94
-	311.21	112.91	-	-	112.91	424.12	122.33	301.79	424.12
-	663.68	74.05	-	-	74.05	737.73	145.78	517.90	663.68
-	486.02	338.31	-	-	338.31	824.33	112.65	493.58	606.23
-	30.059	-	449.901	-	449.901	479.96	65.23	414.73	479.96
-	169.964	-	238.756	-	238.756	408.72	87.63	321.09	408.72
-	479.957	-	312.023	-	312.023	791.98	156.02	635.96	791.98
-	383.068	-	94.062	-	94.062	477.13	99.63	377.50	477.13
-	4.575	-	392.025	-	392.025	396.60	102.03	294.57	396.60
30.00	12193.00	1500.20	3737.752	3.364	5242.31	17761.23	3608.19	10737.88	14346.07

(D) CHANDRAPUR RANGE

1	2	3	4	5	6	7	8	9	10	11
374	-	-	-	-	-	-	-	-	-	-
375	-	-	-	-	-	-	-	-	-	-
376	-	-	-	-	-	-	-	-	-	-
377	-	-	55.640	-	55.640	-	114.00	170.00	1.79	285.79
378	-	-	-	-	-	-	283.367	46.94	-	330.307
379	-	-	-	-	-	-	-	-	-	-
380	-	-	-	-	-	-	-	-	-	-
397	-	-	-	-	-	-	70.291	239.036	25.462	334.789
398	-	-	-	-	-	-	84.537	113.771	25.34	223.648
399	-	-	-	-	-	-	85.347	91.334	-	176.681
400	-	-	-	-	-	-	148.149	104.659	17.982	270.79
401	-	-	-	-	-	-	116.755	31.126	-	147.881
402	-	-	-	-	-	-	77.179	33.063	-	110.242
403	-	-	-	-	-	-	88.666	5.851	-	94.517
407	-	-	-	-	-	-	21.232	-	-	21.232
408	-	-	-	-	-	-	48.523	55.793	7.91	112.226
409	-	-	-	-	-	-	73.878	203.43	15.728	293.036
485	-	-	-	-	-	-	-	-	-	-
486	-	-	-	-	-	-	-	-	-	-
518	-	-	-	-	-	-	-	-	-	-
520	-	-	-	-	-	-	177.65	131.52	126.27	435.44
Total	-	-	55.64	-	55.64	-	1389.574	1226.523	220.482	2836.579

Chandrapur Range from column 12 continued.....

12	13	14	15	16	17	18	19	20	21
-	-	-	-	-	-	571.00	66.48	504.52	571.00
-	-	-	-	-	-	223.79	68.58	155.21	223.79
-	-	-	-	-	-	372.71	144.88	227.83	372.71
-	341.430	-	214.21	-	214.21	555.64	117.85	437.79	555.64
50.00	380.307	-	48.253	-	48.253	428.56	133.48	295.08	428.56
-	-	-	-	-	-	277.21	117.98	259.23	377.21
-	-	-	-	-	-	216.91	89.58	127.33	216.91
-	334.789	-	46.021	-	46.021	380.81	-	153.82	153.82
-	223.648	-	78.242	-	78.242	301.89	-	-	-
-	176.681	-	17.969	-	17.969	194.65	53.63	141.02	194.65
-	270.79	-	100.02	16.87	116.89	387.68	101.55	286.13	387.68
-	147.881	-	113.962	55.417	169.379	317.26	-	-	-
75.00	185.242	-	163.466	22.782	186.248	371.49	87.65	283.84	371.49
50.00	144.517	-	62.273	-	62.273	206.79	53.84	152.95	206.79
-	21.232	-	58.078	-	58.078	79.31	-	-	-
-	112.226	-	3.914	-	3.914	116.14	-	-	-
-	293.036	-	22.614	-	22.614	315.65	102.54	213.11	315.65
-	-	-	-	-	-	164.300	-	-	-
-	-	-	-	-	-	97.120	-	-	-
-	-	204.557	-	-	204.557	204.557	-	-	-
-	435.44	74.06	-	-	74.06	509.500	-	-	-
175.00	3067.219	278.617	929.022	95.069	1302.708	6292.987	1138.04	3237.86	4375.90

(E) MUL RANGE

[illegible]

1	2	3	4	5	6	7	8	9	10	11
437	-	-	-	-	-	-	34.40	160.77	-	195.17
438	-	-	-	-	-	-	31.98	48.042	-	80.022
456	-	-	-	-	-	-	19.02	30.76	156.453	206.233
457	-	-	-	-	-	-	-	-	-	-
463	-	-	-	-	-	-	-	-	-	-
469	-	-	-	-	-	-	-	-	-	-
517	-	-	-	27.50	27.50	-	21.00	233.092	-	254.092
519	-	-	-	-	-	-	337.92	455.28	347.872	1141.072
Total	-	150.60	31.57	27.50	209.67	-	1771.687	3324.481	1142.927	6239.095

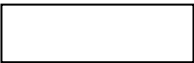
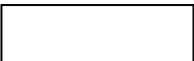
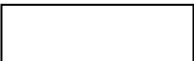
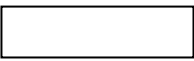
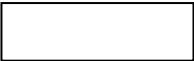
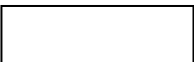
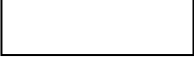
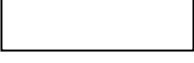
Mul Range from column 12 continued.....

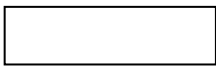
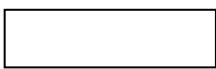
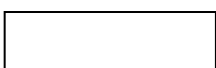
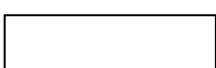
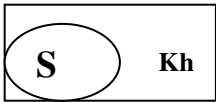
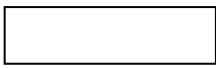
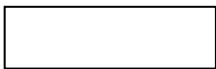
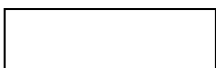
12		14	15	16	17	18	19	20	21
-	363.155	-	296.075	-	296.075	659.23	123.68	535.55	659.23
-	187.375	-	255.755	-	255.755	443.13	125.40	317.73	443.13
-	70.183	-	344.217	-	344.217	414.40	65.78	348.62	414.40
-	36.385	-	552.845	-	552.845	589.23	108.12	481.11	589.23
-	604.190	29.95	-	-	29.95	634.14	153.44	474.63	628.07
-	294.200	71.22	-	-	71.22	365.42	87.13	253.61	340.74
-	115.605	-	268.035	-	268.035	383.64	250.09	133.55	383.64
-	58.653	-	263.477	-	263.477	322.13	80.33	241.80	322.13
-	66.865	-	402.174	-	402.174	469.04	107.89	361.15	469.04
-	190.555	-	401.115	-	401.115	591.67	165.78	425.89	591.67
-	134.07	-	417.90	-	417.90	551.97	88.97	463.00	551.97
-	254.074	-	315.726	-	315.726	569.80	132.22	433.53	565.75
-	163.768	-	247.812	-	247.812	411.58	66.45	345.13	411.58
9.00	150.773	-	31.337	-	31.337	182.11	26.44	155.67	182.11
-	295.399	-	278.841	-	278.841	574.24	237.37	336.87	574.24

12	13	14	15	16	17	18	19	20	21
-	352.578	6.91	-	-	6.91	359.488	-	-	-
-	540.26	44.11	-	-	44.11	584.37	334.37	-	334.37
-	-	-	-	-	-	214.46	74.03	140.43	214.46
-	325.76	6.07	-	-	6.07	331.83	97.11	234.72	331.83
-	125.692	-	69.358	-	69.358	195.05	88.63	106.42	195.05
-	-	-	-	-	-	199.51	-	-	-
-	-	-	-	-	-	233.09	-	-	-
-	-	-	-	-	-	72.84	-	-	-
-	224.136	-	18.264	-	18.264	242.40	78.30	164.10	242.40
-	-	-	-	-	-	514.75	201.56	313.19	514.75
-	195.17	-	9.19	-	9.19	204.36	98.74	105.62	204.36
-	80.022	-	0.518	-	0.518	80.54	-	80.54	80.54
-	206.233	-	10.277	-	10.277	216.51	87.12	129.39	216.51
-	-	-	-	-	-	365.43	166.36	199.07	365.43
-	-	-	-	-	-	244.82	152.23	92.59	244.82
-	-	-	-	-	-	77.69	-	77.69	77.69
343.00	624.592	-	281.36	0.948	282.308	906.90	-	-	-
40.00	1181.072	-	220.368	-	220.368	1401.44	155.68	544.55	700.23
392.00	6840.765	158.26	4684.644	0.948	4843.852	13607.208	3353.22	7406.15	10849.37

APPENDIX NO. XXXIII

CONVENTIONAL SIGNS, SYMBOLS AND COLOURS USED IN STOCK MAPPING

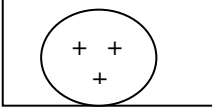
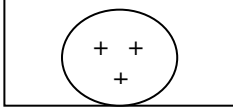
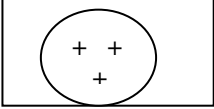
Sr. No	Type	Qual ity	Average Maximum Height Growth in meter	Description	Conventional signs
1	2	3	4	5	6
A	Teak	I	Over 27	Blue (Cobalt Blue) Single vertical line	
		II	Over 21 to 27	Blue (Cobalt Blue) Double horizontal line	
		III	Over 15 to 21	Blue (Cobalt Blue) Tripe diagonal lines(Top right & bottom left)	
		IV-a	Over 12	Blue (Cobalt Blue) Diagonal cross hatch	
		IV-b	Up to 12	Blue (Cobalt Blue) Vertical horizontal Cross hatch	
B	MIXED	I	Over 27	Red (Crimson lake) Single vertical line	
		II	Over 21 to 27	Red (Crimson lake) Double horizontal line	
		III	Over 15 to 21	Red (Crimson lake) Tripe diagonal lines (Top right & bottom left)	
		IV-a	Over 12 to 15	Red (Crimson lake) Diagonal cross hatch	
		IV-b	Up to 12	Red (Crimson lake) Vertical horizontal Cross hatch	

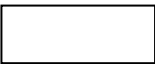
Sr. No	Type	Quality	Average Maximum Height Growth in meter	Description	Conventional signs
1	2	3	4	5	6
B/1	EVER GREEN OR SEMI EVER GREEN	I	Over 27	Green (Hooker`s Green) Single vertical line	
		II	Over 21 to 27	Green (Hooker`s Green) Double horizontal line	
		III	Over 15 to 21	Green (Hooker`s Green) Tripe diagonal lines (Top right & bottom left)	
		IV-a	Over 12 TO 15	Green (Hooker`s Green) Diagonal cross hatch	
		IV-b	Up to 12	Green (Hooker`s Green) Vertical horizontal Cross hatch	
C	Special type i.e Salai, Khair, Babul, Anjan, Chandan etc.	Qualities may be shown if necessary by dark orange lines as per above pattern		Orange wash particulars species to be depicted by symbolic letters prescribed i. e. S for Salai, Kh for Khair, Ch for Chandan etc. with a circle in red.	 Salai Forest With Scattered Khair
D	Shrub	-	-	Brown	
E	Under stocked areas	-	-	Yellow wash (Lemon yellow)	
F	Kuran & Grass birs	-	-	Violet colour wash	
G	Existing Plantation	-	-	Green (Emerald Green) faint wash with super – imposed symbolic letters for the species add letter `F` after the letter for species if it is failure and year of plantation below it.	Ch-F 1970-71

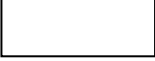
Sr. No	Type	Quality	Average Maximum Height Growth in meter	Description	Conventional signs
1	2	3	4	5	6
H	Blank areas			No Colour	
I	Eroded areas			Blank dots. Heaviness of the erosion will be shown by concentration of the	
J	Cultivation		No colour with letter "CL" in Red		CL
K	Bamboo : 1 st Quality Height 10 m and above and diameter 4 cm and above 1 st internode r	Density : A: Well stocked : 100 & above clumps/ha. B: Moderately stocked : 50 to under 100 clumps/ha C: Under stocked : Below 50 clumps/ha .		Specifications : Black vertical lines. Black vertical lines with interrupted lines in between Interrupted vertical lines in black	
	2 nd Quality : Below 10 m height and diameter below 4 cm	A: Well stocked : 100 clumps/ha. B: Moderately stocked : 50 to 100 clumps/ha. C: Under stocked : Below 50 clumps /ha.		Black diagonal lines top left & bottom right. Black diagonal lines as above with interrupted lines in between Black interrupted diagonal lines	

L	Scattered species	1) Teak ... T 2) Bija ... Bi 3) Semal ... Sm 4) Khair ... Kh 5) Salai ... S 6) Bamboo ... B 7) Hirda ... H 8) Kaju ... Kj 9) Haldu ... Hd	10) Chadan ... Ch 11) Palas ... P 12) Agave ... Ag 13) Kadai or Kullu 14) Shisham ... Sh 15) Tiwas ... Ti 16) Babul ... Bb 17) Anjan ... An 18) Kusum ... Ks	Kh Kh i.e. Mixed III with scattered growth of teak and khair. Teak in blue and other species in red.
---	-------------------	---	--	---

Sr. No	Type	Quality	Average Maximum Height Growth in meter	Description	Conventional signs
1	2	3	4	5	6
M	Reproduction		Reproduction of the above spp. To be shown by adding letter `r` to the above symbol I,e,teak forest of III quality with teak regeneration		Tr Bir Tr in blue & other species in red
N	Afforested areas		Lettre `Aff` and year if failure by `F` of one species, first letter of the species in red may be shown after `Aff`		Aff - Eu 1965-66 Aff (Eu) F 1961-62
O	Forest village (or Forest settlement)		Burnt Sienna Wash		
P	Age Class		O-Old, M-Middle aged, Y-Young with + and – Signs to show intermediate stages, the service could be O+,O-,M+,M-,M-and Y+,Y&Y-the plus and minus signs to be used only when doubt arises.		O, O-M Y + Y
Q	Density		It should be shown by decimal points and decimal figures written in Black Indian -ink		0.5 0.6

R	1. Sample plots 2. Experimental plots 3. Preservation plots	(1) SP-5	(2) EP-9	(3) PP-9
S	Areas suitable for plantation and afforestation 1. Teak+Sign in Red 2. Mixed + Sign in Green 3. Afforestation= Sign in Blue	Teak  1	Mixed  2	Afforestation  3

Sr. No.	Particular	Thickne ss of lines or dashes	Description of the convention	Colour system or sign	Name of the colour & Remarks
1	2	3	4	5	6
1	External boundary lines of the forest	2 m.m.	A continuous line		Hookers green
2	Compartement Boundary	1 m.m.	One dash & two dots		Black ink
3	Sub – compartment Boundary	1 m.m.	One dash & one dot		Black ink
4	Compartement Nos.	Hight of each No. should be 7 m.m.	Arabic Numbers	432	Black ink
5	Conversion Working Circle or Planting or Clear Felling W.C.	2 m.m.	continuous line along periphery		Cobalt Blue
a	Periodic Block-I		One dash & one cross along periphery		Cobalt Blue
b	Periodic Block-II		Two dash & one cross along periphery		Cobalt Blue
c	Periodic Block-III		Three dashes & one cross along periphery		Cobalt Blue
d	Periodic Block last		Dashes and L along periphery		Cobalt Blue
e	Periodic Block Un-allotted		Dashes and letter U along periphery		Cobalt Blue
6	Selection–Cum-Improvement Working Circle	2 m.m.	Continuous boundary along periphery		Emerald Green
7	Improvement Working Circle	2 m.m.	Continuous boundary along periphery		Violet
8	Protection Working Circle	--	Pale – Red wash		Vermilan Red or in Scarlet Red

Sr. No.	Particular	Thickness of lines or dashes	Description of the convention	Colour system or sign	Name of the colour & Remarks
1	2	3	4	5	6
9	Coppice With Reserve W. C.	2 m.m.	Continuous boundary along periphery		Vermilan Red or in Scarlet Red
10	Anjan Working Circle	2 m.m.	Continuous boundary along periphery		Natural Tint
11	Chnadan Working Circle	2 m m	Continuous boundary along periphery		Pure Orange
12	Kuran Working Circle		Faint Wash		Crimson lake
13	Pasture Working Circle	2 m.m.	Continuous boundary along periphery		Crimson lake
14	Afforestation Working Circle	2 m.m.	Continuous boundary along periphery & ring around the comptt. No.		Burnt Sienna
15	Bamboo Over lapping Working Circle	2 m.m			Gamboge Yellow
16	i) Felling series boundary of different W.C.and ii) Name of F.S.	1 m.m.	Interrupted line	Pilni F.S.(of S.C.I.W.C.)	In the same colour in which boundary of working circle is denoted.
17	Coupe Boundary a) Artificial line b) Natural features line nallas etc.		Continuous line Interrupted line		
18	Coupe Number	--	Roman Number	IV(of S.C.I.W.C.)	
19	High Forest Working Circle	2 m.m	One dash & one dot		Emerald Green
20	Miscellaneous Working Circle	2 m.m.	One dash & one dot		Natural Tint
21	Rosha Grass Working Circle	2 m.m.	Continuous boundary along periphery with superimposed symbolic letters as Rosha PL.		Orange

Notes :

- 1) All figure and lettering works should be done in water proof inks.
- 2) The rate of stock mapping should generally be as follows:-
 - A) Quality I, II, III One Sq. Km. Per day.
 - B) Quality Iva, Ivb, V Two Sq. Km. Per day
 - C) Under Stocked areas and blanks etc. Five Sq. Km. Per day.
- 3) In case of scattered important species, there relative incidence of the species should be indicate by manipulating the concentration of the respective symbolic letter.
- 4) If any species other than those shown above are considered necessary to be shown, suitable lettering pattern should be used after the approval from the Conservator of Forests, Working Plan.
- 5) Any modification, locally necessary.

Note:-

- 1) The thickness of the lines and dimensions of letter and numbers are suggested with reference to 4" = 1 Mile and larger scale maps. In case of maps on smaller scales the thickness of the lines and dimensions of letter or number should be appropriately reduced. In short that thickness should be used which will enhance the all round get up of the map as a whole.
- 2) Any modification or additions required locally in any particular case should be got approved from the Conservator of Forests, Working Plans in advance.

--- oo0oo ---

APPENDIX NO. XXXIV
(Vide Para No.9.10.1)
STATEMENT SHOWING THE FELLING SERIESWISE COMPARTMENTS
ALLOTTED TO SELECTION-CUM-IMPROVEMENT WORKING CIRCLE

Sr.No.	Range	Felling	Comptt.	Area in Hecter		Total
		Series	No.	Workable	Unworkable	
1	2	3	4	5	6	7
1	Chandrapur	Nimbala	375			223.79
			376			372.71
			377			555.64
		Total				1152.14
2		Chorgaon	374			571.00
			380			216.91
			597			182.36
		Total				970.27
3		Khandala	592			205.98
			593			218.53
			594			192.23
			595			188.18
			596			202.34
		Total				1007.26
4	Mul	Maroda	328		29.95	634.14
			350		401.115	591.67
		Total				1225.81
5		Doni	329 Pt		71.22	304.32
			349		402.175	469.04
			348		263.477	322.13
		Total				1095.49

1	2	3	4	5	6	7
6		Mahadwadi	351		417.90	551.97
			356 Pt		31.337	173.11
			357		278.841	574.24
		Total				1299.32
7		Andhari	519 Pt		220.368	1361.44
		Total				1361.44
8		Chichpalli	370		6.070	331.83
			457			365.43
			528			297.84
		Total				995.10
9	Warora	Mangali	201		63.13	311.61
			202		87.41	277.44
			219		32.928	328.20
			215		77.777	232.402
		Total				1149.652
10	Moharli	Moharli	154		14.96	278.42
			165		--	231.07
			166		--	367.06
			167		--	287.33
			169		--	350.46
		Total				1514.34
11		Agarzari	179		1.749	265.48
			185		--	154.59
			189		2.693	246.87
			171		134.36	274.77
			172		92.27	246.45
		Total				1188.16

1	2	3	4	5	6	7
12		Madnapur	102		--	206.79
			103		--	322.53
			104		---	205.18
			105		11.131	369.89
			862			170.88
			863			7.85
			865			5.37
			866			2.64
		Total				1291.13
13		Adegaon	272			460.94
			190		33.99	415.20
			197		62.32	278.88
			170		0.231	95.60
		Total				1250.62
14		Pardi	175		0.694	281.66
			191		46.54	372.79
			192		45.33	191.82
			193		159.418	187.77
		Total				1034.04
15	Shioni	Vihirgaon	220		--	320.92
			221		75.164	297.86
			244		83.647	330.21
			227		92.96	264.26
		Total				1213.25

16		Pandharwani	237		17.035	820.31
			261		17.151	250.90
			262		22.63	189.79
		Total				1261.00
17		Karwa	246		175.899	403.88
			241		69.558	315.63
			238		13.076	152.16
			239		31.26	255.75
		Total				1127.42
18		Khatera	274		74.05	737.73
			322		94.062	477.13
			326		392.025	396.36
		Total				1611.46

APPENDIX NO. XXXV,XXXVI

(Vide Para No.9.10.1)

STATEMENT SHOWING SEQUENCE OF FELLING AND PLANTING IN SELECTION-CUM-IMPROVEMENT W.C..

Range	Coupe . No.	Comptt. No.	Area in ha.			Year of demarcation. preparation of treat- ment maps, marking premonsoon works, soil & moisture conversion works	Year of felling	Year of Planting
			Workable	Unworkable	Total			
1	2	3	4	5	6	7	8	9
Chandrapur	I	376pt		Nimbala S.C.I, F.S.				
	II	376pt			120.2	2002-2003	2003-2004	2004-2005
	III	376pt			130.3	2003-2004	2004-2005	2005-2006
	IV	376pt			122.21	2004-2005	2005-2006	2006-2007
	V	377pt			116.2	2005-2006	2006-2007	2007-2008
	VI	377pt			88.13	2206-2007	2007-2008	2008-2009
	VII	377pt			130.17	2007-2008	2008-2009	2009-2010
	VIII	377pt			88.12	2008-2009	2009-2010	2010-2011
	IX	375pt			133.02	2009-2010	2010-2011	2011-2012
	X	375pt			123.4	2010-2011	2011-2012	2012-2013
					100.39	2011-2012	2012-2013	2013-2014
					1152.14			

Note:-The above sequence applied to all felling series of selection-cum-improvement working circle
and is not being repeated against each felling series given below.

Chandrapur Range

Name of felling series	Coupe . No.	Comptt. No.	Area in ha.		Total
			Workable	Unworkable	
1	2	3	4	5	6
Chorgaon	I	380pt			100.41
S.C.I.F.S.	II	380pt			116.50
	III	374pt			80.00
	IV	374pt			100.00
	V	374pt			70.00
	VI	374pt			90.00
	VII	374pt			110.00
	VIII	374pt			121.00
	IX	597pt			80.20
	X	597pt			102.16
				Total	970.27
Khandala	I	592pt			112.50
S.C.I.F.S.	II	592pt			93.48
	III	593pt			95.30
	IV	593pt			123.23
	V	594pt			80.13
	VI	594pt			112.10
	VII	595pt			88.12
	VIII	595pt			100.06
	IX	596pt			80.14
	X	596pt			122.20
				Total	1007.26
Mul Range					
Maroda	I	350pt			128.13

S.C.I.F.S.	II	350pt			116.17
	III	350pt			120.12
	IV	350pt			124.14
	V	350pt			103.11
	VI	328pt			116.22
	VII	328pt			128.33
	VIII	328pt			126.93
	IX	328pt			128.27
	X	328pt			134.39
					1225.81
Doni	I	349pt			104.01
S.C.I.F.S.	II	349pt			128.01
	III	349pt			128.01
	IV	349pt			109.01
	V	348pt			120.50
	VI	348pt			120.70
	VII	348pt			92.10
	VIII	329pt			88.12
	IX	329pt			108.14
	X	329pt			108.63
					1095.49
Mahadwadi	I	351pt			120.25
S.C.I.F.S.	II	351pt			125.28
	III	351pt			160.26
	IV	351pt			146.18
	V	356pt			124.60
	VI	356pt			48.50
		357pt			92.45
	VII	357pt			124.57
	VIII	357pt			108.65

	IX	357pt			128.14
	X	357pt			120.43
					1308.32
Andhari	I	519pt			132.02
S.C.I.F.S.	II	519pt			124.12
	III	519pt			124.07
	IV	519pt			128.02
	V	519pt			108.03
	VI	519pt			127.03
	VII	519pt			128.04
	VIII	519pt			140.10
	IX	519pt			140.07
	X	519pt			100.02
					1251.44
Chichpalli	I	519pt			150.00
S.C.I.F.S.	II	528pt			80.30
	III	528pt			122.40
	IV	528pt			95.14
	V	457pt			120.10
	VI	457pt			136.20
	VII	457pt			109.13
	VIII	370pt			100.24
	IX	370pt			130.30
	X	370pt			101.31
					1145.10
Moharli Range					
Moharli	I	154pt			119.40
S.C.I.F.S.	II	154pt			159.02
	III	165pt			110.55
	IV	165pt			120.52

	V	166pt			171.73
	VI	166pt			195.33
	VII	167pt			144.32
	VIII	167pt			143.01
	IX	169pt			201.13
	X	169pt			149.33
					1514.34
Agarzati	I	185pt			89.84
S.C.I.F.S.	II	185pt			64.75
		171pt			53.50
	III	171pt			128.14
	IV	171pt			93.13
	V	172pt			122.13
	VI	172pt			124.32
	VII	189pt			106.59
	VIII	189pt			140.28
	IX	179pt			151.96
	X	179pt			113.52
					1188.16
Madnapur	I	105pt			125.41
S.C.I.F.S.	II	105pt			128.60
	III	105pt			115.88
	IV	104pt			100.18
	V	104pt			105.00
	VI	103pt			160.31
	VII	103pt			162.22
	VIII	102pt			82.94
	IX	102pt			123.85
		863			7.85
		865			5.37

		866			2.64
	X	862			170.88
				Total	1361.13
Adegaon F.S.	I	272			100.94
	II	190			115.00
	III	272			100.00
	IV	190pt			100.00
	V	212			100.00
	VI	190pt			100.00
	VII	197			139.00
	VIII	170			95.60
	IX	197			139.88
	X	272			100.00
				Total	1250.62
Pardi	I	175			93.66
	II	175			93.00
	III	175			93.00
	IV	191			1114.00
	V	191			134.00
	VI	191			124.79
	VII	192			150.82
	VIII	192			41.00
		193			87.77
	IX	193			100.00
	X	194			165.29
				Total	1199.33
Kolsa Range					
Vihirgaon	I	220B			121.00
S.C.I.F.S.	II	220Apt			102.20

	III	220Apt			97.72
	IV	221pt			160.40
	V	221pt			137.46
	VI	227pt			160.000
	VII	227pt			104.260
	VIII	244pt			115.150
	IX	244pt			100.110
	X	244pt			115.000
				Total	1213.250
Karva	I	246pt			80.40
S.C.I.F.S.	II	246pt			104.30
	III	246pt			104.10
	IV	246pt			115.08
	V	239pt			129.75
	VI	239pt			126.00
	VII	238			152.16
	VIII	241pt			80.30
	IX	241pt			112.03
	X	241pt			123.30
					1127.42
Pandharwani	I	262pt			92.60
S.C.I.F.S.	II	262pt			97.19
	III	261pt			120.60
	IV	261pt			130.30
	V	237pt			124.10
	VI	237pt			144.00
	VII	237pt			148.00
	VIII	237pt			116.20
	IX	237pt			144.01
	X	237pt			144.00

					1261.00
Khatera	I	322pt			159.04
S.C.I.F.S.	II	322pt			159.04
	III	322pt			159.04
	IV	326pt			198.30
	V	326pt			198.30
	VI	274pt			147.54
	VII	274pt			147.54
	VIII	274pt			147.54
	IX	274pt			147.54
	X	274pt			147.54
				Total	1611.46
		WARORA RANGE			
Defence S.C.I.F.S.	I	201pt			90.61
	II	202pt			139.00
	III	219			128.00
	IV	215pt			100.40
	V	201pt			120.00
	VI	202			138.44
	VII	219pt			100.20
	VIII	215pt			132.00
	IX	201pt			100.00
	X	219pt			100.00
				Total	1149.65

APPENDIX NO.XXXVII

STATEMENT SHOWING THE RANGEWISE COMPARTMENT ALLOTTED TO IMPROVEMENT WORKING CIRCLE.

Range	R.F.Compartment	P.F.Compartment	Total
Chandrapur	378pt,379,398, 399,400,401,402pt 402pt,407,408,409 485,486,518,520 541,542,	571 to 591 598 to 613 618,619	5923.637
Mul	323,324,325,327, 329pt,347,352,353 359,361,368,428 430,431,432,433 436,437,438,456, 463,464,469,517pt, 527,529 to 540 1005	614 to 617 620 to 647 650 to 769 719pt,720pt 770 to 803 965,966, 972 to 985 757pt,759pt 1014,1016,1017 Un-1008,1010 to 1013	18188.478
Warora	1pt,2pt, 3 to 6,7pt,8pt,9 10pt,11pt,12,13,14, 202pt,203pt,204,207 208,210,211pt,213 214,543 to 550	871,872,873, 888 to 936 927pt,900pt, 902pt, 937 to 941 Un-867 to 870 1006	16072.130
Mohorli	164,173,174,476 177,178,480 to 184 186,187,188,196, 551 to 555	864pt,874 to 887 942 to 961, 986 to 999 1007,1009	6646.320
Shioni	222 to 226, 228 to 231,232pt 233 to 236,240,242 243,247,263,264,265 266B,268 to 271 273,275,319,320, 556 to 570 1015,1004,	804 to 964 1000pt,1001pt, 1002pt,1003pt 967 to 971 804pt,819pt 828pt,862pt 850pt,851pt 853pt,856pt	14083.497
Total			60914.062

APPENDIX NO. XXXVIII

(Vide Para No. 12.2.4)

**STATEMENT SHOWING THE FELLING SERIESWISE COMPARTMENT .
ALLOTTED TO IMPROVEMENT WORKING CIRCLE**

Sr.No .	Range	Felling Series	Compt t No.	Area in Hecter		Total
				Workable	Unworkable	
1	2	3	4	5	6	7
1 						

Appendix No.XXXVIII continued....

4		Nimbala	398			301.89
			399			194.65
			403			156.79
			409			315.65
		Total				968.98
5		Chanda	485			164.30
			486			97.12
			572			53.76
			573			29.38
			571			8.26
			574 A			11.20
			574 B			13.91
			575			0.85
			576			0.32
			577			38.01
			598			63.00
			599			13.13
			600			9.55
			601			10.25
			602			15.21
			603			6.66
			604			0.28
			605 A			2.68
			605 B			0.40
			606			2.19
			607			6.61
			608			0.24
			609			3.29
			610			56.62
			611			233.70
			612			0.05

Appendix No.XXXVIII continued.....

6		Total Ghantachouki	613			7.45
			618			32.37
			619			84.48
			541			11.63
			542			23.40
						1000.30
			518			204.577
			520			509.50
		Total	507			79.31
			508			116.14
						909.527
7	Mul	Padjhari	323			659.23
			324			443.13
		Total				1102.36
8		Doni	325			414.40
			327			589.23
			329 Pt			61.10
9		Total				1064.73
		Zari	347			383.64
			361			584.37
			531			7.47
			532			3.86
			368			214.46
			620			3.76
			621			10.33
			622			2.74
		Total				1210.63
10		Maroda	768			163.08
			769 A			10.28
			769 B			3.99

Appendix No.XXXVIII continued....

			770			2.19
			771			3.52
			772			73.04
			773			184.33
			774			90.86
			775			120.53
			776			2.44
			777			1.50
			778			0.32
			779			152.87
			780			1.31
			781			3.10
			782			89.03
			783			33.05
			784			0.78
			785			51.21
			786			12.09
		Total				999.52
11		Karwan	787			85.52
			788			262.45
			789			22.03
			790			59.62
			791			8.40
			792			318.59
			763			195.46
			764			0.45
			765			0.95
			766			194.25
		Total				1147.72

Appendix No.XXXVIII continued.....

12		Mul	767			191.33
			756			66.15
			757			156.58
			758			2.26
			759			220.10
			760			1.75
			761			187.57
			762			237.38
13		Total				1043.12
		Fulzari	359			359.488
			352			569.80
14		Total				929.288
		Janala	353			411.58
			533			59.44
			534			40.48
			536			110.24
			716			61.11
			748			6.88
			749			102.54
			751			4.25
			750			120.36
			535			159.29
			747			2.01
15		Total				1080.02
		Wedi	746 A			159.25
			517			563.90
			746 B			11.84
		Total				744.99

Appendix No.XXXVIII continued.....

16		Chiroli	539			29.01
			718			71.56
			719			30.70
			720			151.44
			721			105.11
			722			3.14
			723			4.87
			724			3.50
			725			58.57
			726			36.57
			727			22.52
			717			77.53
			714			180.12
			715			199.91
			732			107.81
		Total				1082.36
17		Chichpalli	1005			366.24
			529			8.90
			537			58.67
			538			173.20
			708			15.08
			709			139.11
			710			2.76
			711			30.96
			530			85.79
			614			130.24
			615			20.96
			616			1.90
			617			30.30
			628			124.67
			629			57.31

Appendix No.XXXVIII continued.....

18			630			16.74
			639			37.35
			632			82.59
			631			0.22
		Total				1382.99
		Kelzar	426			195.05
			430			199.51
			431			233.09
			432			72.84
			433			242.40
		Total				942.89
19		Gilbili	469			77.69
			463			244.82
			464			148.52
			527			81.10
			640			95.91
			641			12.58
			642			18.41
			643			12.02
			644			224.93
			645			204.70
		Total				1120.68
20		Dabgaon	646			76.60
			647			53.20
			674			141.11
			675			14.96
			676			41.16
			677 A			17.51
			677 B			4.93
			678 A			1.03

Appendix No. XXXVIII continued.....

			678 B			3.40
21			679			126.83
			680			8.59
			681			2.12
			540			105.30
			Total			596.74
		Kanhargaon	456			216.51
			436			514.75
			437			204.36
			438			80.54
			Total			1016.16
22		Shiwapur	793			35.27
			794			12.28
			796 A			5.39
			796 B			6.02
			796 C			4.98
			796 D			4.54
			795			107.08
			799			32.15
			800			0.27
			803			51.36
			801			20.74
			802			1.11
			797			110.22
			798			20.64
			754			41.67
			755			2.57
			753			165.26
			752			243.09
			650			35.38

Appendix No. XXXVIII continued.....

			651			39.34
			736			38.92
			737			2.80
			733			1.43
			734			
			735 A			
			735 B			
			735 C			
			735 D			
			735 E			
			735 F			9.89
			743			
			744			
			745			
			1008			
			1010			
			1011			47.03
			1012			3.02
			1013			9.22
						2.59
		Total				1068.72
23		Kelzar [ii]	707			10.38
			668			13.47
			698			6.69
			699			0.93
			700			881
			701			68.31
			702			0.59
			703			0.93
			704			2.56
			705			7.47
			706			2.07

Appendix No. XXXVIII continued.....

			712			4.21
			689			1.28
			713			9.62
			689			1.28
			690			3.24
			691			22.90
			692			8.90
			693			2.15
			694			0.58
			695			33.25
			696			14.32
			697			7.93
			633			101.62
			634			11.79
			635			13.60
			636			0.52
			638			8.36
			637			64.44
			728			0.20
			729			1.69
			730			4.78
			731			0.59
			623			2.85
			624			1.44
			625			1.23
			626			0.53
			627			52.00
			682			35.94
			683			3.23
			684			2.47
			685			19.81

Appendix No. XXXVIII continued.....

			686			0.59
			687			27.38
			688			1.21
			667			184.96
			664			22.80
			665			5.30
			666			1.16
			738			4.96
			739			17.80
			740			13.05
			741			11.26
			742			2.64
		Total				850.79
24		Dewada	652			50.00
			653			7.00
			654 A			20.15
			654 B			6.00
			655			6.64
			656			7.87
			657			5.34
			658			1.65
			659			0.63
			660			5.11
			661			0.49
			662			2.59
			663			6.93
			669			19.04
			670			5.94
			671			1.12
			672			242.33
			673			240.77

Appendix No. XXXVIII continued....

			965			0.21
			966			0.21
			972			43.36
			973			0.72
			974			23.90
			975			3.30
			976			2.91
			977			2.92
			978			1.14
			979			1.30
			980			0.54
			981			2.85
			982			0.49
			983			0.15
			984			10.82
			985			0.61
			1014			0.60
			1016			46.23
			1017			44.75
		Total				816.61
25	Moharli	Sitarampeth	554			82.32
			555			20.54
			864			119.96
			955			1.21
			956 A			545.57
			956 B			63.28
			957			2.79
			553			27.15
			958			2.10
			959 A			198.57
			959 B			2.51

Appendix No. XXXVIII continued....

			960			0.28
			988			9.89
			989			1.07
			990			0.97
			991			11.22
			992 A			0.74
			992 B			0.58
			993			1.51
			994			3.95
			995			0.30
			996			3.45
			997			26.61
			998			11.29
			999			8.92
			961 A			44.80
			961 B			144.88
			552			141.24
			944			2.35
			945			0.86
			946			3.25
			947			0.84
			948			0.36
			949			3.24
			950 A			11.10
			950 B			28.15
			951			0.24
			952			1.64
			953			2.14
			954 A			1.69
			954 B			0.65
			942			21.54

Appendix No. XXXVIII continued....

			943			6.08
		Total				1461.83
26		Ambezari	551			18.61
			874 A			284.59
			874 B			22.32
			875			1.59
			876			1.01
			986 A			5.19
			986 B			2.01
			987			4.78
			173			261.02
			176			205.98
			177			312.42
			178			134.36
			186			213.67
		Total				1467.55
27		Agarzari	164			323.76
			174			291.37
			187			172.40
			188			254.54
			196			185.73
		Total				1227.80
28		Mahasala	181			317.28
			182			157.02
			183			212.46
			180			193.43
			184			264.27
		Total				1144.46

Appendix No. XXXVIII continued....

29		Payli Bhatali	877 A			152.11
			877 B			11.79
			878			138.79
			879			264.78
			880			254.95
			881			279.23
			882			0.84
			883			183.80
			884			2.65
			885 A			2.65
			885 B			2.31
			886			23.32
			887			3.25
			1007			2.96
			1009			21.25
		Total				1344.68
30	Kolsa	Karva	240			454.07
			247			340.34
31			242			247.67
		Total				1042.08
		Vihirgaon	222			311.21
			223			349.66
			243			333.06
			224			222.56
		Total				1216.49
32		Piparda	225			387.69
			226			301.48
			229			266.68
			228			255.76
		Total				1211.61

Appendix No. XXXVIII continued....

33		Parna	230			405.49
			231			259.81
			235			325.77
			232			193.43
		Total				1188.50
34		Shikala	233			263.86
			234			382.43
			236			439.90
		Total				1086.19
35		Shivni	263			267.09
			264			232.29
			265			475.51
			266B			5.667
		Total				980.56
36		Jamshala	268			492.92
			269			506.25
		Total				999.17
37		Kukudheti	275			824.33
			273			424.12
		Total				1248.45
38		Bamni	270			472.27
			271			375.55
			1004 A			135.89
			1004 B			172.38
		Total				1156.09
39		Pangadi	319			479.96
			320			408.72
			808			48.38
			809			88.07
			810			15.54

Appendix No. XXXVIII continued....

40			811			4.19
			812			1.27
			813			21.97
			814			0.71
			815			1.68
			816			12.18
			817			0.77
			818			0.37
			819			12.10
			820			12.73
			821			1.92
			822			6.64
			Total			1117.20
		Naleshwar	1015			14.15
			266 B			5.667
			804			17.37
			805			12.42
			806			4.91
			807			8.02
			962			10.28
			967			1.39
			968			0.59
			969			6.11
			970			2.73
			971			26.78
			834			8.76
			835			3.69
			836			15.22
			570			18.30
			830			2.11

Appendix No.XXXVIII continued....

		831	11.91
		832	0.85
		833	0.50
		828	128.20
		829	2.70
		842	21.12
		843	1.08
		844	1.72
		845	40.60
		846	14.91
		847	15.20
		566	88.50
		567	38.47
		568	20.47
		569	2.77
		837	8.42
		838	1.02
		839	0.73
		840	43.62
		841	29.07
		848	43.49
		849	4.26
		850	3.23
		851	18.38
		852	7.06
		853	1.24
		560	52.58
		561	304.86
		562	182.58
		563	22.34
		Total	1290.037

Appendix No. XXXVIII continued.....

41		Gonmohadi	1000			23.69
			1001			
			1002			13.23
42			1003			
			564			239.09
			856			20.25
			857			3.72
			558			70.87
			559			99.12
			854			14.88
			855			1.72
			858			194.46
			859			194.25
			860			188.98
			861			42.90
			963			29.64
			964			8.74
			556			210.77
			557			36.33
			565			64.41
			823			2.51
			824			15.26
			825			22.96
			826			52.62
			827			2.39
		Total				1552.79
42	Warora	Borgaon	7			989.76
			867			52.17
			868			2.87

Appendix No.XXXVIII continued...

		869		2.47
		870		39.72
		1006		2.19
	Total			1089.18
43	kem	1		313.32
		8		488.51
		6		320.52
	Total			1122.35
44	Alfar	2		577.99
		3		436.25
		932		0.73
	Total			1014.97
45	Sakhra	4		443.13
		5		588.82
	Total			1031.95
46	Morwa	9		1011.70
	Total			1011.70
47	Wagoli	10		536.96
		11		492.16
	Total			1029.12
48	Salori	12		307.97
		13		384.86
		14		645.89
	Total			1338.72
49	Awandha	203		617.96
		202		384.64
	Total			1002.60
50	Defence	204		527.31
		888		42.74
		210		332.66
		207		144.88

51			208			102.79
	Total					1150.38
51		Chora	548			285.42
			902			171.21
			903			206.38
			904			266.24
			871			127.50
			872 A			35.58
			872 B			3.63
			873 A			17.11
			873 B			6.18
52		Total				1119.25
		Chicholi	905 A			180.33
52		Chicholi	905 B			4.00
			906			0.82
			546			268.47
			547			182.74
			936 A			7.73
			936 B			0.70
			937 A			29.25
			937 B			0.56
			938 A			4.60
			938 B			4.84
			939 A			8.11
			939 B			1.86
			940 A			63.17
			940 B			2.10
			941 A			3.71
			941 B			9.12
			933 A			161.64
			933 B			72.55

Appendix No.XXXVIII continued.....

53			934			6.21
			935A			27.19
			935B			9.98
		Total				1049.68
		Baranj	211			97.83
			213			128.28
			214			52.21
			889 A			195.89
			889 B			31.43
54			890 A			19.68
			890 B			24.56
			890 C			26.87
			895			34.17
			891			123.37
			892			0.96
			893			17.05
			894			97.89
		Total				850.19
		Morwa	549			78.18
			919			25.11
			920			59.70
			921			10.28
			922			36.89
			915			165.08
			916			5.18
			917			2.23
			918			4.55
			910			78.24
			911			0.98
			909			135.13

Appendix No. XXXVIII continued....

55			908			188.63
			907			185.10
		Total				975.28
		Pandharkala	899			262.61
			896			225.36
			897			33.25
			898			7.75
			900			228.45
			901			202.94
			925			53.16
56		Total				1013.52
		Ghot minwat	543 A			121.61
			543 B			91.73
			544			251.86
			545 A			145.85
			545 B			26.86
			550			44.63
			912			108.14
			913			2.21
			914			1.19
			923			44.94
			924			7.02
			928			42.42
			929			5.25
			926			89.08
			931			9.79
			930			62.20
		Total				1273.24

APPENDIX NO XXXIX

(Vide Para No.10.10.1)

STATEMENT SHOWING SEQUENCE OF FELLING AND PLANTING IN IMPROVEMENT WORKING CIRCLE.

Range	Coupe No.	Comptt. No.	Area in ha.			Year of demarcation. preparation of treat- ment maps, marking premonsoon works, soil & moisture conversion works	Year of felling	Year of Planting
			Workable	Unworkable	Total			
1	2	3	4	5	6	7	8	9
Chandrapur	I	587pt		Chorgaon I.F.S.		2002-2003	2003-2004	2004-2005
	II	587pt				2003-2004	2004-2005	2005-2006
	III	588pt				2004-2005	2005-2006	2006-2007
	IV	588pt				2005-2006	2006-2007	2007-2008
	V	589pt				2206-2007	2007-2008	2008-2009
	VI	589pt				2007-2008	2008-2009	2009-2010
	VII	590pt				2008-2009	2009-2010	2010-2011
	VIII	590pt				2009-2010	2010-2011	2011-2012
	IX	591pt				2010-2011	2011-2012	2012-2013
	X	591pt				2011-2012	2012-2013	2013-2014
					1022.65			

Note:-The above sequence applied to all felling series of improvement working circle and is not being repeated against each felling series given below.

Appendix No.XXXIX continued.....

Name of felling series	Coupe . No.	Comptt. No.	Area in ha.		
			Workable	Unworkable	Total
1	2	3	4	5	6
Chandrapur Range					
Warwat	I	578			139.62
I.F.S.	II	579			0.93
		580			3.46
		581			2.71
		583			54.94
		584			3.70
		585			13.19
		586A			16.35
		586B			12.81
	III	582			117.27
	IV	379pt			80.10
	V	379pt			110.11
	VI	379pt			87.00
	VII	378pt			84.17
	VIII	378pt			80.23
	IX	378pt			110.10
	X	378pt			104.06
				Total	1020.75
Sinala,I.F.S.	I	400pt			94.15
	II	400pt			113.17
	III	400pt			111.12
	IV	400pt			69.24
	V	401pt			100.08
	VI	401pt			114.12
	VII	401pt			103.06
	VIII	402pt			69.15
	IX	402pt			120.19
	X	402pt			107.15
				Total	1001.43
Nimbala	I	399pt			92.37
I.F.S.	II	399pt			102.28
	III	398pt			89.3
	IV	398pt			112.35

	V	398pt			100.24
	VI	409pt			90.23
	VII	409pt			105.10
	VIII	409pt			120.32
	IX	403pt			94.32
	X	403pt			112.47
				Total	968.98
Chanda	I	574A			11.2
I.F.S		574B			13.91
		572			53.76
		573			29.38
	II	541			11.63
		575			0.85
		576			0.32
		577			38.01
		598			63
		542			23.4
		599			13.13
		600			9.55
	III	601			10.25
		602			15.21
		603			6.66
		604			0.28
		605A			2.68
		605B			0.4
		606			2.19
		607			6.61
		608			0.24
		609			3.29
		610			56.62
	IV	571			8.26
		612			0.05
		613			7.45
		618			32.37
		619			84.48
	V	611pt			76
	VI	611pt			96
	VII	611pt			61.7
	VIII	486			97.12
	IX	485pt			80.3

	X	485pt			84
				Total	1000.300
Ghanta chouki	I	518			100.577
	II	518			104.00
	III	520			80.30
	IV	520			96.00
	V	520			83.70
	VI	520			75.60
	VII	520			92.40
	VIII	520			81.50
	IX	407			79.310
	X	408			116.14
				Total	909.527
Mul Range					
Padzari	I	324pt			108.03
I.F.S	II	324pt			120.05
	III	324pt			100.02
	IV	324pt			115.03
	V	323pt			104.05
	VI	323pt			108.09
	VII	323pt			107.03
	VIII	323pt			124.00
	IX	323pt			100.06
	X	323pt			116.00
				Total	1102.36
Doni	I	325pt			108.4
I.F.S	II	325pt			92.00
	III	325pt			104.00
	IV	325pt			110.00
	V	327pt			130.1
	VI	327pt			112.13
	VII	327pt			112.00
	VIII	327pt			106.00
	IX	327pt			88.00
	X	327pt			41.00
		329B			61.1
				Total	1064.73
Zari	I	347pt			135.44
I.F.S	II	347pt			140.2

	III	347pt			108
		620			3.76
		621			10.33
		622			2.74
		531			3.86
		532			7.47
	IV	361pt			132.2
	V	361pt			112.17
	VI	361pt			128.00
	VII	361pt			96.00
	VIII	361pt			116.00
	IX	368pt			100.46
	X	368pt			114.00
				Total	1210.63
Maroda	I	774			90.86
I.F.S	II	775			120.53
	III	773pt			72.33
	IV	773pt			112
	V	768pt			80.08
	VI	768pt			83
	VII	769A			10.28
		769B			3.99
		770			2.19
		771			3.52
		772			73.04
		776			2.44
		777			1.5
		778			0.32
	VIII	783			33.05
		784			0.78
		785			51.21
		786			12.09
	IX	779			152.87
	X	780			1.31
		781			3.1
		782			89.03
				Total	999.52
Karwan	I	792pt			84.59
I.F.S.	II	792pt			86
	III	792pt			148

	IV	788pt			120.45
	V	788pt			142
	VI	787			85.52
		789			22.03
		790			59.62
		791			8.4
	VII	766pt			104.25
	VIII	766pt			90
	IX	763pt			132
	X	763pt			63.46
		764pt			0.45
		764pt			0.95
				Total	1147.72
Mul	I	767pt			95.33
I.F.S.	II	767pt			96.00
	III	762pt			125.38
	IV	762pt			112.00
	V	761pt			100.57
	VI	761pt			87.00
		760			1.75
	VII	759pt			70.00
	VIII	759pt			130.10
	IX	756			66.15
		757pt			77.58
	X	757pt			79.00
		758			2.26
				Total	1043.12
Fulzari	I	359pt			100.128
I.F.S.	II	359pt			71.135
	III	359pt			100.145
	IV	359pt			88.08
	V	352pt			84.22
	VI	352pt			108.1
	VII	352pt			77.12
	VIII	352pt			108.08
	IX	352pt			96.18
	X	352pt			96.1
				Total	929.288
Janala	I	534			40.48
I.F.S.		716			61.11

	II	736			110.24
	III	750			120.36
	IV	748			6.88
		749			102.54
	V	533			59.44
		751			4.25
		747			2.01
	VI	335			149.29
	VII	353pt			92.12
	VIII	353pt			104.1
	IX	353pt			127.14
	X	353pt			88.22
				Total	1068.18
Wedi	I	746Apt			169.25
I.F.S.	II	746Apt			11.84
	III	517pt			88.00
	IV	517pt			88.00
	V	517pt			78.90
	VI	517pt			76.00
	VII	517pt			60.00
	VIII	517pt			60.00
	IX	517pt			56.00
	X	517pt			57.00
				Total	744.99
Chirolu	I	721			105.11
I.F.S.		722			3.14
		723			4.87
	II	539			29.01
		724			3.5
		725			58.57
		732			107.81
	III	714pt			80.00
	IV	714pt			130
	V	715pt			100
	VI	715pt			99.91
	VII	726pt			36.57
		727			22.52
		717			77.53
	VIII	718			71.56
		719			30.70

	IX	720pt			51.44
	X	720pt			100.44
				Total	1082.36
Chichpalli	I	709			139.11
I.F.S.	II	538pt			83.00
	III	538pt			90.2
		708			15.08
		710			2.76
		711			30.96
	IV	537			58.67
		639			37.35
		632			82.59
		631			0.22
	V	1005pt			100
	VI	1005pt			140
	VII	1005pt			126.24
		529			8.9
	VIII	614			130.24
	IX	530			85.79
		615			20.96
		616			1.9
		617			30.3
	X	628			124.67
		629			57.31
		630			16.74
				Total	1382.99
Kelzer	I	433pt			60.4
I.F.S.	II	433pt			112
	III	433pt			70
	IV	432			72.84
	V	431pt			133
	VI	431pt			100.09
	VII	430pt			100
	VIII	430pt			99.51
	IX	426pt			104
	X	426pt			91.05
				Total	942.89
Gilbili	I	463pt			120.82
I.F.S.	II	463pt			124
	III	464			148.52

	IV	644pt			110.93
	V	644pt			114
	VI	645pt			100.7
	VII	645pt			104
	VIII	640			95.91
		641			12.58
		642			18.41
		643			12.02
	IX	527			81.1
	X	439			77.69
				Total	1120.68
Dongargaon	I	646			76.6
I.F.S.	II	540			105.3
	III	647			53.2
	IV	674pt			76.11
	V	674pt			65
	VI	676			41.16
	VII	675			14.96
		678A			1.03
		678B			3.4
		680			8.59
		681			2.12
	VIII	679pt			60.83
	IX	679pt			66
	X	677A			17.51
		677B			4.93
				Total	596.74
Kanhargaon	I	438			80.54
I.F.S.	II	437pt			104.36
	III	437pt			100
	IV	456pt			120.51
	V	456pt			96
	VI	436pt			100
	VII	436pt			104
	VIII	436pt			100.75
	IX	436pt			110.75
	X	436pt			100
				Total	1016.16
Kelzar-II	I	707			10.38
		668			13.47

		698			6.69
		699			0.93
		700			8.81
		701			68.31
		702			0.59
		703			0.93
	II	704			2.56
		705			7.47
		706			2.07
		712			4.21
		713			35.62
	III	689			1.28
		690			3.24
		691			22.90
		692			37.92
		693			2.15
		694			0.58
		695			33.25
		696			14.32
		697			7.93
	IV	633			101.62
	V	634			11.79
		635			13.60
		636			0.52
		638			8.36
	VI	637			64.44
	VII	728			0.20
		729			1.69
		730			4.78
		731			0.59
		623			2.85
		624			1.44
		625			1.23
		626			0.53
		627			52.00
	VIII	682			35.94
		683			3.23
		684			2.47
		685			19.81
		686			0.59

		687			27.38
		688			1.21
	IX	667			184.96
	X	664			22.80
		665			5.30
		666			1.16
		738			4.96
		739			17.80
		740			13.05
		741			11.26
		742			2.64
				Total	850.79
Dewada	I	648			7.35
		649A			17.89
		649B			73.15
	II	652			5.00
		653			7.00
		654A			20.15
		654B			6.00
		655			6.64
	III	656			7.87
		657			5.34
		658			1.65
		659			0.63
		660			5.11
		661			0.59
		662			2.59
		663			6.93
		669			19.04
		670			5.94
		671			1.12
	IV	672p			120.00
	V	672p			122.33
	VI	673			120.00
	VII	673			120.77
	VIII	965			0.21
		966			0.21
		972			43.36
		973			0.72
		974			23.90

	IX	975			3.30
		976			2.91
		977			2.92
		978			1.14
		979			1.30
		980			0.54
		981			2.85
		982			.049
		983			0.15
		984			10.82
		985			0.61
	X	1014			0.60
		1016			46.23
		1017			44.75
			Total		816.61
Shivapur	I	793			35.27
		794			12.28
		796 A			5.39
		796 B			6.02
		796 C			4.98
		796 D			4.54
	II	795			107.08
	III	799			32.15
		800			0.27
		803			51.36
		801			20.74
		802			1.11
	IV	797			110.22
		798			20.64
	V	754			41.67
		755			2.57
		753			36.27
	VI	752			130.08
	VII	752			135.00
	VIII	753			107.00
	IX	650			78.71
		651			50.00
	X	736			38.92
		737			2.80
		733			4.75

		734			33.23
		735 A			2.68
		735 B			0.64
		735 C			3.02
		735 D			1.97
		735 E			2.43
		735 F			2.71
		743			9.89
		744			1.45
		745			1.18
		1008			11.83
		1010			47.03
		1011			3.02
		1012			9.22
		1013			2.59
	Total				1068.72
Moharli Range					
Sitarampeth	I	554			82.82
I.F.S.		955			1.21
		956B			63.28
	II	956Apt			242.16
	III	956Apt			214.01
	IV	956Apt			89.40
		553			27.15
		958			2.1
		958B			2.51
		960			0.28
		942			21.54
		943			6.08
	V	959A			148.57
	VI	988to993			71.08
		999			8.92
		555			20.54
	VII	864			119.96
	VIII	944			2.35
		945			0.86
		946			3.25
		947			0.84
		948			0.36

		949			3.24
		950A			11.1
		950B			28.15
		951			0.24
		952			1.64
		953			2.14
		954A			1.69
		954B			0.65
		957			2.79
		961A			19.80
	IX	961B			119.88
	X	552			141.24
				Total	1461.83
Agarzari	I	188			134.00
I.F.S.	II	188			120.54
	III	187			172.40
	IV	196			85.73
	V	196			100.00
	VI	174			151.37
	VII	174			140.00
	VIII	164pt			123.76
	IX	164pt			80.00
	X	164pt			120..
				Total	1227.80
Ambezari	I	173pt			111.02
I.F.S.	II	173pt			150.00
	III	176pt			100.00
	IV	176pt			105.98
	V	178			134.36
	VI	186pt			190.00
	VII	186pt			23.67
		177			98.00
		551			18.61
		874			22.32
		875			1.59
		876			1.01
		986A			5.19
		986B			2.01
		987			4.78
	VIII	177			102.42

	IX	177			112.00
		874A			74.00
	X	874B			214.59
				Total	1467.55
Masala	I	184pt			112.52
I.F.S.	II	184pt			108.09
	III	184pt			44.06
		182pt			52.03
	IV	182pt			104.99
	V	183pt			97.57
	VI	183pt			114.89
	VII	181pt			138.08
	VIII	181pt			179.2
	IX	180pt			76.5
	X	180pt			119.89
				Total	1144.46
Pailibhatali	I	877A			152.11
I.F.S.	II	877B			11.79
		878pt			48.79
	III	878pt			90.00
	IV	879pt			134.78
	V	879pt			130.00
	VI	880pt			126.00
	VII	880pt			128.95
	VIII	881pt			132.23
	IX	881pt			147.00
	X	882			0.84
		883			183.86
		884			2.65
		885A			2.65
		885B			2.31
		886			23.32
		887			3.25
		1007			2.96
		1009			21.25
				Total	1344.68
Kolsa Range					
Karva	I	247pt			96.1
I.F.S.	II	247pt			104.14

	III	247pt			140.1
	IV	242pt			80.23
	V	242pt			80.33
	VI	242pt			84.11
	VII	240pt			128
	VIII	240pt			124
	IX	240pt			104
	X	240pt			98.07
				Total	1042.08
Vihirgaon	I	223pt			100.2
I.F.S.	II	223pt			124.16
	III	223pt			125.3
	IV	243pt			104.06
	V	243pt			109
	VI	243pt			120
	VII	224pt			112.26
	VIII	224pt			110.3
	IX	222pt			146.11
	X	222pt			165.1
				Total	1216.49
Piparda	I	228pt			128.35
I.F.S.	II	228pt			127.41
	III	226pt			72.2
	IV	226pt			112.05
	V	226pt			117.23
	VI	225pt			114.22
	VII	225pt			137.31
	VIII	225pt			136.16
	IX	229pt			128.45
	X	229pt			138.23
				Total	1211.61
Parna	I	230pt			128.32
I.F.S.	II	230pt			132.11
	III	230pt			145.06
	IV	231pt			132.19
	V	231pt			127.62
	VI	235pt			100.62
	VII	235pt			112.09
	VIII	235pt			113.05
	IX	232pt			110.43

	X	232pt			87.00
				Total	1188.50
Sirkada	I	233pt			131.62
I.F.S.	II	233pt			132.24
	III	234pt			96.09
	IV	234pt			94.08
	V	234pt			97.01
	VI	234pt			95.25
	VII	236pt			109.4
	VIII	236pt			111.2
	IX	236pt			110.1
	X	236pt			109.2
				Total	1086.19
Shivni	I	263pt			86.05
I.F.S.	II	263pt			89.04
	III	263pt			92
	IV	264pt			80.09
	V	264pt			82.1
	VI	264pt			70.1
	VII	265pt			106.12
	VIII	265pt			122.04
	IX	265pt			125.25
	X	265pt			127.77
				Total	980.55
Jamsala	I	269pt			105.05
I.F.S.	II	269pt			99.00
	III	269pt			102.07
	IV	269pt			110.03
	V	269pt			90.1
	VI	268pt			106.12
	VII	268pt			96.24
	VIII	268pt			95.17
	IX	268pt			92.32
	X	268pt			103.07
				Total	999.17
Kukudheti	I	275pt			140.12
I.F.S.	II	275pt			132.89
	III	275pt			134.5
	IV	275pt			140.25
	V	275pt			136

	VI	275pt			140.57
	VII	273pt			100.2
	VIII	273pt			111.4
	IX	273pt			108.07
	X	273pt			104.45
				Total	1248.45
Bamni	I	270pt			118.4
I.F.S.	II	270pt			102.05
	III	270pt			116.02
	IV	270pt			135.8
	V	271pt			120.11
	VI	271pt			116.72
	VII	271pt			138.72
	VIII	1004A			164.89
	IX	1004Bpt			72.65
	X	1004Bpt			70.73
				Total	1156.09
Pangadi	I	808			48.38
I.F.S.		809			88.07
	II	319pt			120.02
	III	319pt			121.5
	IV	319pt			118.7
	V	319pt			119.74
	VI	320pt			142.87
	VII	320pt			129.45
	VIII	320pt			136.4
	IX	819			12.10
	X	810			15.54
		811			4.19
		812			1.27
		813			21.9
		814			0.71
		815			1.68
		816			12.18
		817			0.77
		818			0.37
		820			12.73
		821			1.92
		822			6.64
				Total	1117.20

Naleshwar	I	804			17.30
I.F.S.		805			12.42
		806			4.91
		807			8.02
		962			10.28
		967to971			37.6
		834			8.76
		835			3.69
		836			15.22
		570			18.3
	II	1015			14.15
		830			2.11
		831			11.91
		832			0.85
		833			0.5
		829			2.7
		842			21.12
		843			1.08
		844			1.72
		845			40.60
		846			14.91
	III	828			128.20
	IV	847			15.2
		566			88.5
		567			38.47
	V	568			40.47
		569			2.77
		837			8.42
		838			1.02
		839			0.73
		840			43.62
		841			29.07
	VI	848			43.49
		849			4.26
		850			3.23
	VII	851			18.38
		852			7.06
		853			1.24
		560			52.58
		563			22.34

	VIII	561pt			158.14
	IX	561pt			146.72
	X	562			182.58
				Total	1284.37
Gondmohadi	I	1000			23.69
I.F.S.		1001			13.23
		1002			
		1003			13.79
	II	564pt			159.04
	III	564pt			80.000
		856			20.25
		857			3.72
	IV	558			70.87
		559			99.12
	V	858			194.46
	VI	859			194.25
	VII	860			188.98
	VIII	557			36.33
		861			42.90
		963			29.64
		964			8.74
		854			14.88
		855			1.72
	IX	556			210.77
	X	565			64.41
		823			2.51
		824			15.26
		825			22.96
		826			52.62
		827			2.39
				Total	1552.79
Warora Range					
Borgaon	I	7Apt			109.10
I.F.S.	II	7Apt			100.10
	III	7Bpt			100.13
	IV	7Bpt			100.1
	V	7Bpt			96.22
	VI	7Bpt			100
	VII	7Bpt			100

	VIII	7Bpt			88.11
	IX	7Bpt			96.00
	X	7Bpt			100.00
		867			52.17
		868			2.87
		869			2.47
		870			39.72
		106			2.19
				Total	1089.18
Kem	I	6pt			88.3
I.F.S.	II	6pt			120.22
	III	6pt			112
	IV	8pt			140.00
	V	8pt			120.00
	VI	8pt			120.21
	VII	8pt			108.30
	VIII	1pt			104.2
	IX	1pt			110.02
	X	1pt			99.10
				Total	1122.35
Alfar	I	2pt			75.10
I.F.S.	II	2pt			96.17
	III	2pt			92.12
	IV	2pt			112.2
	V	2pt			90.4
		932			0.73
	VI	2pt			112.00
	VII	3pt			88.1
	VIII	3pt			136.15
	IX	3pt			108
	X	3pt			104
				Total	1014.97
Sakhara	I	4pt			90.1
I.F.S.	II	5pt			88.2
	III	5pt			112.12
	IV	4pt			120
	V	5pt			88.2
	VI	5pt			108.28
	VII	4pt			120
	VIII	4pt			113.03

	IX	5pt			104.02
	X	5pt			88
				Total	1031.95
Morwa	I	9pt			104.4
I.F.S.	II	9pt			88.33
	III	9pt			100
	IV	9pt			108
	V	9pt			104
	VI	9pt			96
	VII	9pt			108
	VIII	9pt			92
	IX	9pt			100
	X	9pt			111
				Total	1011.70
Wagholi	I	11pt			92.16
I.F.S.	II	11pt			88.00
	III	10pt			94.40
	IV	10pt			108.3
	V	10pt			114.00
	VI	10pt			100.26
	VII	11pt			100
	VIII	11pt			100
	IX	11pt			112
	X	10pt			120
				Total	1029.12
Salori	I	14pt			128.2
I.F.S.	II	14pt			125.35
	III	14pt			108.22
	IV	14pt			140.12
	V	14pt			144
	VI	12pt			159.57
	VII	12pt			148.4
	VIII	13pt			152.26
	IX	13pt			92.2
	X	13pt			140.4
				Total	1338.72
Awandha	I	202pt			100.3
I.F.S.	II	202pt			90.24
	III	202pt			90.10
	IV	202pt			95.00

	V	203pt			80.00
	VI	203pt			90.40
	VII	203pt			124.00
	VIII	203pt			83.23
	IX	203pt			120.00
	X	203pt			120.33
				Total	1002.60
Defence	I	207			144.88
I.F.S.	II	204pt			116.11
	III	204pt			88.20
	IV	210pt			109.0
	V	210pt			105.3.00
	VI	210pt			118.36
	VII	208			102.79
	VIII	204pt			135.00
	IX	204pt			96.00
	X	204pt			92.00
		888			42.74
				Total	1151.38
Chicholi	I	546pt			89.30
I.F.S.		933B			72.55
	II	947			90.74
	III	947			92.00
	IV	905			180.33
	V	905			4.00
		906			0.82
		546pt			89.30
	VI	546pt			89.30
	VII	933A			161.64
	VIII	934			6.21
	IX	935A			27.19
		935B			9.98
	X	936A			7.73
		936B			0.70
		937A			29.25
		937B			0.56
		938A			4.60
		938B			4.84
		939A			8.11
		939B			1.86

		940A			63.17
		940B			2.10
		941A			3.71
		941B			9.12
				Total	1049.68
Baranj	I	213pt			100.28
I.F.S.	II	211			97.83
	III	214			52.21
	IV	213pt			28.00
		895			34.17
	V	891			61.50
	VI	889pt			97.89
	VII	889pt			97.00
	VIII	889			31.43
		890A			19.68
		890B			24.56
		890C			26.87
	IX	892			0.96
		893			17.05
		894			97.89
	X	891			61.50
				Total	850.19
Chora	I	548pt			80.3
I.F.S.	II	548pt			110.12
	III	548pt			95
	IV	872A			35.58
		872B			3.63
		873A			17.11
		873B			6.18
		902pt			60.21
	V	902pt			111.00
	VI	903pt			110.38
	VII	903pt			96
	VIII	904pt			125.24
	IX	904pt			141
	X	871			127.5
				Total	1119.25
Morwa	I	549			78.18
I.F.S.	II	919			25.11

		920			59.7
		921			10.28
		922			36.89
	III	915pt			100
	IV	915pt			65.08
	V	907pt			85
	VI	907pt			100.1
	VII	908pt			84.23
	VIII	908pt			104.4
	IX	909			135.13
	X	916			5.18
		917			2.23
		918			4.55
		910			78.24
		911			0.98
				Total	975.28
Pandhartala	I	901pt			83.00
I.F.S.	II	901pt			119.24
	III	900pt			124
	IV	900pt			104.45
	V	899pt			96
	VI	899pt			104
	VII	899pt			62.61
	VIII	896pt			84.36
	IX	896pt			141
	X	897			33.25
		898			7.75
		925			53.16
				Total	1013.52
Ghot-minwat	I	543Apt			91.73
		545B			26.86
I.F.S.	II	543Apt			121.61
	III	544pt			140.86
	IV	544pt			111
	V	545A			145.85
	VI	912			108.14
		923			44.94
		912			2.21
		913			1.19
	VII	924			7.02

		928			42.42
		929			5.25
		930			62.20
		931			9.79
	VIII	927pt			100.46
	IX	927pt			118.00
	X	926			89.08
		550			44.63
				Total	1273.24

APPENDIX NO. XL

(Vide Para No. 11.8.1)

STATEMENT SHOWING FELLING SERIESWISE COMPARTMENT ALLOTTED TO TEAK PLANTATION WORKING CIRCLE.

Name of F.S.	R.F.Compartment	Total
Lohara	397,206	634.500
Pardi	205,168	626.850
Mohorli	195,198,199,194	861.700
Pangadi	321	791.980
Total		2914.030

APPENDIX NO. XLI

(vide Para No.11.17.2)

STATEMENT SHOWING THE SEQUENCE OF FELLING AND SUBSIDIARY CULTURAL OPERATION IN PLANTATION WORKING CIRCLE.

Coupe No.	Comptt No.	Area in ha.			Year of demarcation. preparation of treat- ment maps, marking premonsoon works, soil & moisture conversion works	Year of felling	Year of C.B.O. works	Year of Planting
		Workable	Unworkable	Total				
2	3	4	5	6	7	8	9	10
I					2002-2003	2003-2004	2003-2004	2004-2005
II					2003-2004	2004-2005	2004-2005	2005-2006
III					2004-2005	2005-2006	2005-2006	2006-2007
IV					2005-2006	2006-2007	2006-2007	2007-2008
V					2006-2007	2007-2008	2007-2008	2008-2009
VI					2007-2008	2008-2009	2008-2009	2009-2010
VII					2008-2009	2009-2010	2009-2010	2010-2011
VIII					2009-2010	2010-2011	2010-2011	2011-2012
IX					2010-2011	2011-2012	2011-2012	2012-2013
X					2011-2012	2012-2013	2012-2013	2013-2014

APPENDIX NO.XLII
(Vide Para No.11.17.2)
STATEMENT SHOWING THE SEQUENCE OF THINNING
SCHEDULE IN PLANTATION WORKING CIRCLE

Year of planting	1st thinning	2 nd Thinning	3 rd thinning	4 th thinning
1975-76	1985-86	2000-01	2010-11	2025-26
1976-77	1986-87	2001-02	2011-12	2026-27
1977-78	1987-88	2002-03	2012-13	2027-28
1978-79	1988-89	2003-04	2013-14	2028-29
1979-80	1989-90	2004-05	2014-15	2029-30
1980-81	1990-91	2005-06	2015-16	2030-31
1981-82	1991-92	2006-07	2016-17	2031-32
1982-83	1992-93	2007-08	2017-18	2032-33
1983-84	1993-94	2008-09	2018-19	2033-34
1984-85	1994-95	2009-10	2019-20	2034-35
1985-86	1995-96	2010-11	2020-21	2035-36
1986-87	1996-97	2011-12	2021-22	2036-37
1987-88	1997-98	2012-13	2022-23	2037-38
1988-89	1998-99	2013-14	2023-24	2038-39
1989-90	1999-2000	2014-15	2024-25	2039-40
1990-91	2000-01	2015-16	2025-26	2040-41
1991-92	2001-02	2016-17	2026-27	2041-42
1992-93	2002-03	2017-18	2027-28	2042-43
1993-94	2003-04	2018-19	2028-29	2043-44
1994-95	2004-05	2019-20	2029-30	2044-45
1995-96	2005-06	2020-21	2030-31	2045-46
1996-97	2006-07	2021-22	2031-32	2046-47
1997-98	2007-08	2022-23	2032-33	2047-48
1998-99	2008-09	2023-24	2033-34	2048-49
1999-2000	2009-10	2024-25	2034-35	2049-50
2000-01	2010-11	2025-26	2035-36	2050-51
2001-02	2011-12	2026-27	2036-37	2051-52

Note-Last thinning should be at the 60 years after that the crop should be left to nature to grow.

APPENDIX NO. XLIII
(Vide Para No.12.2.4)

**STATEMENT SHOWING THE EXTENT OF BAMBOO BEARING AREA.
COMMERCIAL & NISTAR BAMBOO OVERLAPPING CIRCLE**

Range	Comptt. No.	Comptt Area	Bamboo Area	Comptt. No.	Comptt. Area	Bamboo Area
1	2	3	4	2	3	4
Chandrapur	587	200.31	200.31	375	223.79	223.79
	588	189.91	189.91	376	372.22	372.22
	589	192.90	192.90	377	555.64	555.64
	590	207.57	207.57	378	428.56	428.56
	591	232.36	232.36	379	277.21	277.21
	592	205.98	205.98	380	216.91	216.91
	593	218.53	218.53	397	380.81	380.81
	594	192.23	192.23	399	194.65	194.65
	595	188.18	188.18	400	387.68	387.68
	596	202.34	202.34	402	371.49	371.49
	597	182.36	182.36	403	206.79	206.79
	374	571.00	571.00	409	315.65	315.65
			Total	24	6714.67	6487.68
MUL	325	414.40	414.40	329	365.42	340.74
	327	589.23	589.23	349	469.04	469.04
	324	443.13	443.13	350	591.67	591.67
	323	659.23	659.23	353	411.58	411.58
	351	551.97	551.97	356	182.11	182.11
	352	569.80	569.80	368	214.46	214.46
	359	359.488	359.488	370	331.83	331.83
	519	1401.44	1401.44	469	77.69	77.69

	328	634.14	628.07	347	383.64	383.64
	436	514.75	514.75	348	322.13	322.13
	437	204.36	204.36	357	574.24	574.24
	438	80.54	80.54	361	584.37	334.80
	456	216.51	216.51	426	195.05	195.05
	457	365.43	365.43	431	233.09	233.09
	463	244.82	244.82	432	72.84	72.84
	433	242.40	242.40			
TOTAL					12500.798	11514.558
WARORA	207	144.88	144.88	202	662.08	662.08
	208	102.79	102.79	205	464.17	464.17
	213	128.28	128.28	203	617.96	617.96
	214	52.21	52.21	204	527.31	527.31
	215	257.402	257.402	206	353.69	353.69
	219	328.20	328.20	210	332.66	322.66
	200	401.85	401.85	211	157.83	157.83
	201	311.61	311.61	199	235.12	235.12
TOTAL				16	4278.042	4278.042
MOHARLI	102	206.79	194.62	876	1.01	1.01
	103	322.53	229.85	164	323.76	98.75
	104	275.18	244.83	165	231.07	7.28
	105	369.79	234.73	170	260.60	260.60
	166	367.06	367.06	171	274.77	274.77
	154	278.42	278.42	173	261.02	261.02
	167	287.33	287.33	174	291.37	286.01
	169	350.46	350.46	175	281.66	281.66
	552	141.24	141.24	168	162.68	162.68
	551	18.61	18.61	189	246.87	242.02

	874 A	284.59	284.59	190	415.20	414.20
	874 B	22.32	22.32	191	412.79	412.79
	875	1.59	1.59	192	191.82	191.82
	193	187.77	187.77	179	265.48	265.48
	194	215.29	215.29	180	193.43	193.43
	195	282.46	265.90	181	317.28	317.28
	196	185.73	185.73	182	157.02	157.02
	197	352.88	352.88	183	212.46	212.46
	198	261.83	261.83	184	246.27	246.27
	172	246.45	229.05	185	154.59	154.59
	176	205.98	205.98	186	213.67	213.67
	177	312.42	312.42	188	172.40	172.40
	178	134.36	136.36	188	254.54	254.54
TOTAL				46	10852.94	10088.61
SHIONI	223	349.66	93.90	234	382.43	382.43
	224	222.56	222.56	261	250.90	250.90
	225	387.69	319.29	262	189.79	189.79
	226	301.48	301.48	263	267.09	267.09
	237	820.31	734.41	264	232.29	232.29
	238	152.16	33.59	265	475.51	475.51
	239	255.75	132.73	227	264.26	264.26
	241	315.63	150.55	228	255.76	255.76
	242	247.67	70.00	229	266.68	266.68
	240	554.07	385.26	230	405.49	405.49
	247	340.34	326.18	231	259.81	259.81
	220	320.92	320.92	232	227.43	227.43
	221	297.86	2.43	235	325.77	297.44
	222	311.21	73.24	236	439.90	439.90

	243	333.06	144.48	270	472.27	363.39
	244	330.21	179.62	271	375.55	375.55
	246	403.88	132.34	272	460.94	460.94
	233	263.86	263.86	273	424.12	424.12
	274	737.73	663.68	322	477.13	477.13
	268	492.92	492.92	320	408.72	408.72
	269	506.25	504.64	326	396.60	396.60
	275	824.33	606.23	319	479.96	479.96
	321	791.98	197.98			
TOTAL				45	17199.93	14647.55

APPENDIX NO. XLIV

(Vide Para No.12.3.1)

Statement showing the Sequence of Cutting in the Commercial Bamboo over lapping Working Circle

Bamboo Coupe	A			B			C		
Year□□	2003-2004,2006-2007,2009-2010			2001-02,2004-05,2007-08			2002-03,2005-06,2008-09		
Name of Cutting series	Comptt.. No.	Total area of comptt.	Area under Bamboo .	Comptt. No.	Total area	Area under Bamboo	Comptt. No.	Total area of comptt.	Area under Bamboo in ha.
		(in ha.)	(in ha.)		in ha.	in ha.		in ha.	in ha.
1	2	3	4	5	6	7	8	9	10
				MOHARLI RANGE					
1. Adegao C.B.C.S.	164	323.76	98.750	168	162.680	162.680	172	246.450	229.050
	165	231.070	7.280	189	246.870	242.020	176	205.980	205.980
	170	260.600	260.600	190	415.200	414.200	177	312.420	312.420
	171	274.770	274.770	191	412.790	412.790	178	134.360	134.360
	173	261.020	261.020	192	191.820	191.820	179	265.480	265.480
	174	291.370	286.010	193	187.770	187.770	180	193.430	193.430
	175	281.660	281.660	194	215.190	215.290	181	317.280	317.280
				195	282.460	265.900	182	157.020	157.020
				196	185.730	185.730	183	212.460	212.460

				197	352.880	352.880	184	246.270	246.270
				198	261.830	261.830	185	154.590	154.590
				199	235.120	235.120	186	213.670	213.670
							187	172.400	172.400
							188	254.540	254.540
	TOTAL	1924.250	1470.090		3150.440	3128.030		3086.350	3068.950
MUL RANGE									
2. Pimpalkhut .	347	383.640	383.640	361	584.370	334.370	426	195.05	195.05
C.B.C.S	348	322.130	322.130				433	242.400	242.400
	357	574.240	574.240				437	204.360	204.360
	378	428.560	428.560				438	80.540	80.540
							456	216.510	216.510
							377	555.640	555.640
Total		1708.570	1708.570		584.370	334.370		1494.500	1494.500
3.Lohara C.B.F.S.	379	277.210	277.210	431	233.090	233.090	--	--	--
	436	514.75	514.750	432	72.840	72.840	--	--	--
	457	365.430	365.430	397	380.810	153.820	--	--	--
	463	244.820	244.820	399	194.650	194.650	--	--	--
	375	223.790	223.790	400	387.680	387.680	--	--	--

	376	372.220	372.220	402	371.490	371.490	--	--	--
	380	216.910	216.910	403	206.790	206.790	--	--	--
				409	315.650	315.650	--	--	--
Total		2215.130	2215.130		2163.000	1936.010	--	--	--

APPENDIX NO. XLV
(Vide Para No.12.3.1)

Statement showing the Sequence of Cutting in the Nistar Bamboo (Overlapping) Working Circle

Bamboo	A			B			C		
Coupe									
Year ☐	2002-03,2005-06 2008-09			2003-04 ,2006-07 2009-10			2004-05,200708 2010-11		
Name of Cutting series	Comptt. No.	Total area	Area under Bamboo	Comptt. No.	Total Area	Area under . Bamboo	Comptt. No.	Total area	Area under Bamboo.
		in ha.	in ha.		in ha.	in ha.		in ha.	in ha.
1	2	3	4	5	6	7	8	9	10
WARORA RANGE									
1.Sumthana .	207	144.880	144.880	200	401.850	401.850	203	617.96	617.96
N.B.C.S	208	102.790	102.790	201	311.610	311.610	204	527.310	527.310
	213	128.280	128.280	202	662.080	662.080	206	353.690	353.690
	214	52.210	52.210	205	464.170	464.170	210	332.660	332.660
	215	257.402	257.402				211	157.830	157.830
	219	328.200	328.200						
Total		1013.762	1013.762		1839.710	1839.710		1189.450	1189.450
MOHARLI RANGE									
2. Jamni				105	369.890	234.730	102	206.790	194.620
N.B.C.S.							103	322.530	229.850
							104	275.180	244.830
Total					369.890	234.730		804.500	669.300

KOLSA RANGE									
3. Karwa N.B.C.S.	223	349.660	93.900	240	454.070	385.260	220	320.920	320.920
	224	222.560	222.560	247	340.340	326.180	221	297.860	2.430
	225	387.690	319.290				222	311.210	73.240
	226	301.480	301.480				243	333.060	144.480
	237	820.310	734.480				244	330.210	279.620
	238	152.160	33.590				246	403.880	132.340
	239	255.750	132.730						
	241	315.630	150.550						
	242	247.670	70.000						
TOTAL		3052.910	2058.580		794.410	711.440		1997.140	953.030
4.Piperheti N.B.C.S.	233	263.860	263.860				227	264.260	264.260
	234	382.430	382.430				228	255.760	255.760
	261	250.900	250.900				229	266.680	266.680
	262	189.790	189.790				230	405.490	405.490
	263	267.090	267.090				231	259.810	259.810
	264	232.290	232.290				232	227.430	227.430
	265	275.510	275.510				235	325.770	297.440
							236	439.900	439.900
Total		2061.870	2061.870					2445.100	2416.770
5.NALESHWAR N.B.F.S.				270	472.270	363.390	268	492.920	492.920
				271	375.550	375.550	269	506.250	504.640

				272	460.940	460.940	275	824.330	606.230
				273	424.120	424.120			
				274	737.730	663.680			
Total					2470.610	2287.680		1823.500	1603.790
6.Pangdi	321	791.980	791.980	320	408.720	408.720	319	479.960	479.960
N.B.F.S.	322	477.130	477.130	326	396.600	396.600			
Total		1269.110	1269.110		805.320	805.320		479.960	479.960
7.Moharli	166	367.060	267.060	167	287.330	287.330	552	141.240	141.240
N.B.F.S.	154	278.420	278.420	169	350.460	350.460	551	18.610	18.610
							874 A	284.590	284.590
							874 B	22.320	22.320
							875	1.590	1.590
							876	1.010	1.010
Total		645.480	645.480		637.790	637.790		469.360	469.360
8.Mul	351	551.970	551.970	328	634.140	628.070	353	411.580	411.580
N.B.F.S.	352	569.800	569.800	329	365.420	340.740	356	182.110	182.110
	359	359.488	359.488	349	469.040	469.040			
	519	1401.440	1401.440	350	591.670	591.670			
Total		2882.698	2177.208		2060.270	2029.520		593.690	593.690
9.Doni				325	414.400	414.400	323	659.230	659.230
N.B.F.S.				327	589.230	589.230	324	443.130	443.130
Total					1003.630	1003.63		1102.360	1102.360
10.Chanda	587	200.310	200.310	592	205.980	205.980	374	571.000	571.000
N.B.F.S.	588	189.910	189.910	593	218.530	218.530	368	214.460	214.460
	589	192.900	192.900	594	192.230	192.230	370	331.830	331.830
	590	207.570	207.570	595	288.180	288.180	469	77.690	77.690

[illegible]

APPENDIX NO.XLVI

(Vide Para No.13.2.7)

The important medicinal plants which have been identified in this tract have been given in the following table.

TABLE-33

Sr.No.	Family	Botanical Name	Local Name	Uses
1	Acanthaceae	Andrographis paniculata	Koyekutta/ Olikiryata	Decoction as anti-malarial and anti pyretic
		Adathoda zeylanica	Urdus / Adulsa	decoction used as anti-arthritis, anti-rheumatic; extract as expectorant.
		Barleria cristata	Gathuguru	Extract to stop gum bleeding
		Hemigraphis latebrosa	Budilsi cettu	Extract to cure ear pain.
		Hygrophila auriculata	Untskatra	Decoction as anti-rheumatic and extract as anti-helminthitic; root extract anti-dysentric.
		Justica betonica	Tellaranthu	used as anti-diassoad and anti-diabetic.
2	<u>Amaranthaceae</u>	Achyranthus aspera	Aghada, chirchita	Root applied externally as abortifacient.
		Amaranthus spinosus	Kotikanta	Extract to cure constipation

3	<u>Amaryllidaceae :</u>	Crinum defixum	Gondali kanda	Edible as antidote for snake- bite.
4	<u>Anacardiaceae :</u>	Lannea grandis	Mavai	Decoction as febrifuge
		Semecarpus anacardium	Jid cettu	Oil applied on warts, expectorant and ring worm infection
5	<u>Aristolochiaceae</u>	Aristolochia indi		Sapsund/ Sapasan Decoction given to cure Jaundice.
6	<u>Apiaceae :</u>	Centella asiatic	Bramhi	Extract as blood purifier
7	<u>Asclepiadaceae :</u>	Holostemma annularis	Dudhurli	Root used in diabetes, gonorrhoea
		Pergularia daemia	Utaran	Drug is derived from dried rhizomes. Bitter tonic used as anti- periodic and stimulates gastric secretion.
		Tylophora indica	Pitakari	Dried roots used as substitute for Ipeca and useful in dysentery asthma, bronchitis
		Calatropis gigantea	Zilla cettu	Latex as anti- bacterial anti- Septic, anti-asthma expectorant

8	Apocynaceae :	<i>Alstonia scholaris</i>	Satvin, Shaitan	Dried bark of the tree is used in chronic diarrhoea and dysentery, malaria and skin diseases.
		<i>Holarrhena antidysenterica</i>	Kuda	Bark decoction to cure venereal disease and fruit as anti-dysenteric
		<i>Ichnocarpus frutescens</i>	Behouri	Root extract used in jaundice and diabetes
		<i>Rauvolfia serpentina</i>	Harkaya	Roots contain alkaloids used in drugs as a sedative and hypnotic and for reducing blood pressure.
		<i>Vinca rosea</i>	Sadaphal	Roots of the plant have alkaloids used as hypotensive, sedative and used in leukaemia
9	Araceae :	<i>Amorphophallus campanulatus</i>	Suran	Tuber as anti-septic, carminative. Useful in dysentery and Rheumatism, stomachic, tonic, restorative.

		Acorus calamus	Vekhand	Rhizomes yield a drug, calamus use in medicine as carminative, relieves flatulence and increases appetite, as expectorant and emetic, useful diarrhoea and dysentery, vermifuge and nerve stimulant
11	Bombacaceae :	Bombax ceiba	Katsawar	Extract given to cure Leucorrhoea
12	Burseraceae :	Boswellia serrata	Salai	Gum anti-diabetic
13	Bignoniaceae :	Oroxylum indicum	Tandri Cettu	Bark decoction anti-dysentery, Vermifuge and refrigerant.
14	Barringtonaceae :	Barringtonia acutangula	Piwar	Seeds expectorant
15	Caesalpiniaceae :	Cassia tora	Cheorofa	Extract to cure skin infections.
		Cassia absus	Kantha Cettu	Seed extract in ophthalmic disease.
		Cassia fistula	Rela / Bahava	Extract to cure stomachache
		Saraca indica	Ashoka	Dried bark of the tree used as medicine to cure excessive menstruation and uterine haemorrhages. Seeds used for urinary discharges

		Temarindus indica	Chinch	The pulp of the fruit has laxative value, used in fevers.
16	Boraginaceae :	Heliotropium indicum	Bhurundi	Extract as emmenagogue.
17	Celastraceae :	Celastrus paniculata	Peng	Seed oil rubefacient and applied in eczema and ringworm infections
18	Cleomaceae :	Gynandropsis pentaphylla	Ayanti Cettu	Extract to cure ear. Anti-bacterial and anti-septic.
CAPut!	Costaceae :	Costus speciosus	Keyo Kanda	Rhizome mixed with roots of Nicotiana tabacum and given as anti-rheumatism and anti-arthritis.
20	Cochlospermaceae :	Cochlospermum religiosum	Gumgum	Extract as anti-bacterial and anti-Septic.
21	Cyperaceae :	Cyperus rotundus	Motha	Rhizome astringent and diuretic.
		Scirpus grossus	Khilyari kanda	Tuber edible as tonic and appetiser
22	Cassythaceae :	Cassytha filiformis	Uorbela	Extract applied to cure baldness.
22	Combretaceae :	Anogeissus latifolia	Dhawda	Gum to cure amoebic dysentery.
		Combretum decandrum	Rampi	Extract as anti-septic. Seed oil to cure eczema and ringworm.
		Terminalia chebula	Hirda	Fruit extract to cure stomach ulcers and as digestive, carminative

		<i>Terminalia bellar</i>	Beheda	Seeds anti-diarrhoeal, digestive and Carminative.
		<i>Calycotris flori</i>	Pandhri Zilbur	Decoction as carminative and Diuretic.
24	Compositae (Asteraceae):	<i>Vicia indica</i>	Sankuli	Extract to induce a fertility in Man
		<i>Centipeda minima</i>	Nanshikani	Extract vermifuge
		<i>Eclipta alba</i>	Makka	Extract as anti-bacterial and anti-septic.
		<i>Echinops echinatus</i>		Root extract as purgative.
		<i>Elephantopus scaber</i>	Mattu	Root extract anti-inflammatory
		<i>Oligochaeta ranunculifolia</i>	Hitta Cettu	Extract as anti – helminthic, Purgative
		<i>Ageratum conyzoides</i>	Dhanota	Decoction given internally as Anti-rheumatic.
		<i>Artemisia maritima</i>	Kirmani Ova	Drug santonin is obtained from dried immature leaves and flower heads of the plant used for expel of worms from the stomach, fevers and dropsy.
		<i>Vernonia anthelmintica</i>	Kalenjiri	Drug is used as anthelmintic antiseptic, stimulant promotes urination
25	Cucurbitaceae :	<i>Citrullus colocynthis</i>	Indryan	Roots and fruits as purgative.

26	Convolvulaceae :	<i>Merremia emarginata</i>	Hadjodi	Poultice applied on bone fractures.
		<i>Merremia turpethum</i>	Nishottara	Dried roots of the plant are the source of turpethin which contains turpethin as purgative
		<i>Rivea hypercratiformis</i>	Pidma Zabba	Extract as anti - tumor
		<i>Ipomoea pestigridis</i>	Maryadvel	Root as diuretic and anti- Inflammatory
		<i>Ipomoea nil</i>	Nilpushpi	Dried seeds of the plant are used as kaladana which is purgative. Fruits of plant are eaten as vegetable
27	Dioscoreaceae :	<i>Dioscorea hispida</i>	Tikhoor Kand	Tuber applied as anti-bacterial and
28	Dilleniaceae :	<i>Dillenia pentagyna</i>	Michud	Fruit appetiser.
29	Ebenaceae :	<i>Diospyros melanoxylon</i>	Tendu	Gum chewed with betel to induce sterility in females.
30	Euphorbiaceae :	<i>Macaranga tomentosa</i>	Zilla Marha	Seed oil as anti-septic, anti-biotic and purgative.
		<i>Kirganelia reticulata</i>	Khareta	Branches as toothbrush
		<i>Acalypha indica</i>	Kappi Cettu	Extract given internally for dog bite.
		<i>Bridelia retusa</i>	Jonna	Extract as diuretic and branches as toothbrush.

		<i>Euphorbia dracunculoides</i>	Nijki Dudhi	Decoction given to venereal Diseases.
		<i>Jatropha gossypifolia</i>	Chandra jyoti	Juice applied on conjunctivitis.
		<i>Chrozophora platanifolia</i>	Karsa	Juice and decoction anti-fertility, Stimulant and refrigerant.
		<i>Phyllanthus virgatus</i>	Dudhi	Juice as galactogogue
		<i>Mallotus philippinus</i>	Shendri	Fruit pubescence used to cure peptic ulcer
31	Ehretiaceae :	<i>Ehretia laevis</i>	Datrang	Bark extract used in dropsy, Conjunctivitis and cataracts. Flacourtiaceae :
		<i>Flacourtia ramontana</i>		Fruit anti-jaundice.
32	Fabaceae :	<i>Abrus precatorius</i>	Gurjool	Extract anti-inflammatory.
		<i>Mucuna pruriens</i>	Kachkur	Root extract anthelmintic.
		<i>Butea superba</i>	Monthu fool	Bark as refrigerant digestive.
		<i>Canvalia gladiata</i>	Sem Bansim	Extract carminative
		<i>Desmodium velutinum</i>	Dayampurka	Fumigation as anti-epileptic, extract as pyretic and analgesic
		<i>Indigofera cordifolia</i>	Kolyari	Extract analgesic and pyretic.
		<i>Pongamia pinnata</i>	Gorranji	Seed oil eczema, and pyretic.
		<i>Pterocarpus marsupium</i>	Nameli Cettu	Wood extract anti-diabetic.

			Jangli Ulva	Seed extract anti-p if given Rhyncosia minima with Piper longum.
		Tephrosia purp	Tagres Fool	Decoction as appe and tonic.
33	Gentianaceae :	Centarium roxbl	Chiryata	Used as bitter tonic caraminative
34	Hypoxidaceae :	Curculigo orchid	Kewarkanda	Decoction to cure spermatorrhoea.
35	Lamiaceae :	Leonotis nepetif	Bahikusjyar	Extract as anti-sep and anti-biotic; ant tumour property als reported.
		Colebrookea oppositifolia	Lirka Marha	Extract as cardiac t
		Leucas aspera	Guma	Decoction to cure excess bile secretion.
		Leucas montana	Guma	Decoction as anti-pyretic and anti-bio
		Acrocephalus in	Cisri Cettu	Extract as oxytocio
		Ocimum basilicu	Bodulsa cettu	Seeds anti-dysentr
		Anisomeles malabaricum	Chikta	Root extract for ins and mental disord
36	Lecythidaceae :	Litsa monopetal	Gurpa Marha	Fruits are diuretic, diarrhoeal and ant pyretic
37	Liliaceae :	Chlorophytum tuberosum	Musli Gadda	Root as general ton
		Gloriosa superba	Karkari	Root extract as abortifacient.
		Scilla hyacinthia	Dhor kanda	Tuber extract for as and cough.

38	Loranthaceae :	Viscum orientale	Gongai	Extract used as vermifuge.
		Dendrophoe fa	Bandha	Decoction to regulate menstrual Cycle.
39	Martyniaceae :	Martynia annua	Garadu mukk	Fruits applied on to and Anti-inflammatory
		Sida cordata	Panchgo Cett	Fumigation anti-epileptic.
		Urena lobata	Gokru	Root extract anti-helminthic.
40	Menispermaceae :	Cocculus hirsuta	Vasanbel	Juice used for bilio dyspepsia.
41	Mimosaceae :	Xylia xylocarpa	Surya	Bark extract applied leucoderma and vit
		Pithecellobium d	Vilayati Chind	Seed extract applied stop bleeding.
42	Molluginaceae :	Mollugo pentap	Jaharsa	Extract as stomach carminative/and to
43	Moraceae :	Ficus cunia	Disak marha	Fruit extract given to cure male genital disease
		Ficus lacour	Parad	Extract to cure ven diseases and excessive secretion.
44	Nyctaginaceae :	Boerhavia repen	Punarwa	Root applied in vag to induce abortion.
45	Orchidaceae :	Vanda tassellata	Kekdi Bandha	Extract anti-rheumatic.
		Elulophia nuda	Budbar	Tuber as anti-tumour.
		Geodorum dilatatum	Gadda	Tuber extract cure stomach ulcer.
		Habenaria stenopetala	Kazri pinger	Extract applies to cure cataract.

46	Onagraceae :	Ludwegia parviflora	Bijband	Seeds to cure spermatorrhoea.
47	Opiliaceae :	Cansjera rheddi	Kusurtonda	Fruits applied to cure night blindness.
48	Ochnaceae :	Ochna obtusata	Pivla Champaca	Flowers edible and used to stop leucorrhoea.
49	Oxalidaceae :	Biophytam sensitivum	Lajari	Leaves chewed to increase sexual desire.
50	Polygonaceae :	Polygonum hydropiper	Mangalgota	Extract used to induce sterility in females.
51	Papilionaceae :	Erythrina variegata	Pangara	Leaves diuretic and emmenagogue, seeds extract cures leucorrhoea
53	Plumbaginaceae :	Plumbago zeylanica	Chifraka Mala	Root extract as anti arthritis and anti-rheumatic.
54	Poaceae :	Sacciolepis interrupta	Gadgawat	Extract given to cure piles.
55	Rubiaceae :	Gardenia gummifera	Vidgu	Gum as anti-septic and anti-helminthitic.
		Gardenia resinifera	Dikamali	Gum as anti-septic anti-Helminthitic and purgative.
		Borreria hispida	Gatiya	Extract on leucoderma.
		Oldenlandia corymbosa	Kaimul	Extract as expectorant.
		Randia brandsii	Fipra pungari	Extract applied on skin tumour and expectorant.

56	Rhamnaceae :	Zizyphus rugosa	Pandhra Bor	Root extract used as oxytocic and analgesic.
57	Sapindaceae :	Cardiospermum helicacabum	Kapalphodi	Root diuretic, diaphoretic, laxative and anti-rheumatic.
58	Samydaceae :	Casearia graveolens	Recha	Fruit decoction for colic pain; leaves and root extract refrigerant.
59	Solanaceae :	Solanum ferox	Mulkayari	Extract oxytonic and anti-pyretic.
		Solanum nigrum	Kacchipurdu	Extract as diuretic, anti-inflammatory and cardiac tonic.
		Physalis peruviana	Phopadi	Extract as carminative and decoction as anti-pyretic.
60	Scrophulariaceae	Scoparia dulcis	Ghada Tulas	Decoction as anti-pyretic.
		Celsia coromandelina	Kutaki	Extract applied as anti-arthritis and anti-rheumatic.
		Sopubia delphinifolia	Dudhali	Juice as astringent; also used in leucoderma and vitiligo.

APPENDIX NO. XLVII

(Vide Para No.14.8.3)

ECO-TOURISM

Eco-tourism is emerging as an important component of the Indian Tourism Industry in general and Maharashtra State Tourism in particular. The term eco-tourism is most popularly used but it is necessary to distinguish this, from the general mass tourism. Eco-tourism has been considered here as a sustainable, equitable, community based endeavour for improving the living standards of indigenous host communities. The tourism and nature protection have a common objective, to preserve the pristine nature of wild places. The tourist also want to enjoy, admire and appreciate the nature and its glory and no tourist would like to travel thousands of miles to visit the degraded areas.

Eco-tourism can be defined as sustainable, nature tourism involving the indigenous stake holders, while forging partnership with the existing tourism industry. The World Tourism Organization defines eco-tourism as “tourism that involves traveling to relatively undisturbed natural areas with the specified objects of studying, admiring and enjoying the scenery and its wild plants and animals, as well as any existing cultural aspects (both of the past or the present) found in these areas”. Eco-tourism and Nature-tourism is distinguished from resort tourism or mass tourism by requiring lesser infrastructure development and lower impact on environment. The key elements of the eco-tourism are as follows:

- 1) Existence of National Park/Sanctuary/natural environment as a prime, star attraction.
- 2) Should be ecologically socially, culturally and economically sustainable.
- 3) Should have participation of the local stake-holders (host community)
- 4) Should be a low profile venture.
- 5) Should be capable of dove-tailing in the existing tourism of the State.

The National Eco-Tourism Policy and Guidelines.(1998), after considering the National Policy on Tourism has identified the following cardinal principles for the development of Eco-tourism.

1. It should involve the local community and lead to the overall economic development of the area.
2. It should identify the likely conflicts between resources use for tourism and the livelihood of local inhabitants and attempts to minimize such conflicts.
3. The type and scale of tourism development should be compatible with the environment and socio-cultural characteristics of the local community and
4. It should be planned as a part of the overall area development strategy, guided by an integrated land-use plan while avoiding inter-sectoral conflicts and ensuring sectoral integration, associated with commensurate expansion of public services.

While adopting the above general principles, the following guidelines are laid down for eco-regional planning to foster e co-tourism.

1. Delineation of “fringe areas” around identified eco-tourism sites (NPs/WLS) to avoid cross-sectoral conflicts and to achieve sectoral integration of inputs to ensure bio-regional development without conflicting land use patterns, apart from adherence to established standards as per the operational guidelines.
2. Creation of village level micro-institutions (VFC/FPC/EDC) and formulation of site-specific eco-tourism plans with indigenous, participatory planning.
3. Providing soft loans from Community Credit Programmes to identified host community beneficiaries for promoting eco-tourism.
4. Establishing standards for eco-tourism in the site-specific microplans in tune with the operational guidelines, and entrusting the Panchayats to ensure adherence to these standards by the tourist developers and operators, with prior approval of the territorial division/wildlife wing.

The key players in Eco-tourism are

1. Tourism Department & MSTDC
2. Forest Department
3. PWD
4. MSEB
5. Water Development Authority (Jiwan Vikas Pradhikaran)
6. Private entrepreneurs : Tour operators, hoteliers.

At the District Level :

1. Local district administration.
2. Panchayats
3. Village Forest Committee (VFC)/ Forest Protection Committee (FPC)/Eco-Development Committee.
4. Municipal Corporations.
5. Protected Area Managers (Local units of forest department)

Operational Guidelines :

For the Government :

- Delineate fringe areas around PAs & forest areas for eco-tourism.
- The eco-tourism plan should be prepared by a specially constituted “planning team” with representatives from the tourism department, PA management, Panchayat, EDC/FPC/VFC
- The planning should be flexible, site-specific & participatory, and should form part of a larger eco-regional plan for the area.
- Assessment of existing infrastructure, surface transportation, air service, road, electricity, water supply, law and order situation.
- The eco-tourism package should invariably include:
 - Simple, adequate boarding & lodging facilities, in tune with the environment & the general setting of the landscape.
 - Road network within the identified tourism zone
 - Self-guided Nature trails.
 - Transportation options.
 - Interpretive Centres.
 - Way-side exhibits
 - Signage.
 - Observation towers.
 - Public conveniences.
 - garbage disposal facility
 - Living quarters for staff/ personnel.

- Structures with an exotic look causing visual pollution and non-compatible and unaesthetic architecture should be avoided
- Site-specific micro-planning for community based eco-tourism should be resorted to
- Providing soft loans to identified beneficiaries.
- Temporary housing structures blending with the surrounding should be encouraged.
- Establishing building codes in consultation with the Pan chayats apart from other regulations to ensure pollution free environment
- Environmental, physical & social carrying capacities to limit the various developmental activities in the fringe area to be identified for eco-tourism.
- Devise mechanism to ensure continuous monitoring of adverse effects of tourism for quick redressal.
- Recognize eco-tourism operators, provide incentives to deserving cases and award quality labels.
- Provide visitor information & interpretation services (English, Marathi and Hindi) covering :
 - “Do s” and “Don’ts”
 - What to see ?
 - Where to see ?

(Brochures, leaflets, guide service, visitor centers)

- Periodic training programmes on eco-tourism should be conducted for tourism administration, planners, operators and general public.
- Ensuring training programme to the host community in :
 1. Lodge ownership / management
 2. Basic education & awareness
 3. Health and sanitation.
 4. Skill development for preparation of local souvenirs as appropriate.
 5. Codes of conduct
 6. Forest and wildlife conservation
 7. Litter control

8. Forging partnerships with tourists & tourism industry
9. Environmental management

- To evolve and implement eco-tourism package in few selected sites initially as pilot projects

For Tour operators / developers :

- To abide by the planning restrictions, codes and standards prescribed by the authorities.
- Implementation of desired environmental principles through regulation.
- Conducting EIA/environmental audits for new/ongoing eco-tourism projects
- Being sensitive to the conservation of endangered species & corridor value of the area
- To ensure construction of structures blending with the environment as per the prescribed building code.
- To take into consideration the Carrying capacity & Sociological use-limits of the site while creating tourist facilities, and ensuring safety & convenience of tourists.
- To use local material & design as far as possible, while avoiding over construction.
- The planning, architectural design and construction of tourist facilities should use eco-friendly techniques viz, solar energy, recycling of garbage, harvesting of rain water, natural cross-ventilation instead of AC, self-sufficiency in food through kitchen garden & farming.
- Energy & water saving devices should be used apart from controlled kitchen garden & farming.
- Control of noise pollution, chemical pollution and air emissions.
- Use of signage/boards as per the standard prescriptions in the code.
- Reduced use of environmentally unfriendly items like asbestos, CFCs, pesticides, inflammable material.
- Respecting the historic & religious sites in the area.
- Providing appropriate interpretive service to visitors for communication with nature & local culture.
- Ensuring proper marketing of eco-tourism products

- Ensuring safety & security of visitors.
- Respecting local inhabitants, culture & involving them in various activities & vocations as far as possible.

For The Visitors :

- Abiding by the code of conduct, “Do s” & Don’ts”
- Helping conservation, apart from protecting any site natural or cultural, which may be adversely affected by tourism.
- Avoiding wastage of resources.
- Avoiding littering & carrying back all non-degradable litter
- Leaving the camp sites clean before departing
- Avoiding removal of plants, seeds, drift-wood from the site.
- Respecting local culture / customs
- Respecting holy places
- Strictly adhering to the safety precautions.

For Host community :

- Respect the value of environment, cultural heritage
- Avoid overusing the area
- Co-operate with the authorities in ensuring healthy eco-tourism
- Realize & react to the threat of investors who see opportunities & exploit the locals
- Be friendly with the visitors as effective “nature guides” & “conservationists”

Development of PA-level Participatory Eco-tourism & Visitor Strategy :

Action points for planning :

- To develop an overall eco-tourism strategy which shall incorporate :
 - Local participation
 - Sound environmental design
 - Visitor management
 - Conservation education
 - Training
 - Financial sustainability
 - Monitoring & evaluation

To assess :

- The existing tourism situation & potential
- The desirable tourism situation & identify steps to attain the same
- To prepare a Participatory Community Based Eco-tourism strategy for the project area, involving the stakeholders through meetings & workshops.
- The eco-tourism strategy should also address the following:
 - Potential PA attributes vis-à-vis eco-tourism
 - Identification of sites
 - Development of monitoring mechanisms for ecological impact of eco-tourism.
 - Visitors information levels.
 - Identify marketing opportunities.
 - Development of guidelines for visitors / staff viz., visitor center, orientation center, brochures, handbook, signage.
 - Development of mechanisms to collate visitation data for management
 - Development of guidelines / building code for environmentally acceptable & culturally appropriate designs.
 - Identification of : staffing levels for tourism, future requirements & training needs.
 - Identifying : institutional arrangement for eco-tourism management, mechanisms to increase long-term local participation in benefit – sharing & decision-making, local training needs.
 - Developing monitoring & evaluation plans to assess local participation & benefit sharing
 - Evolving legal framework for eco-tourism activities.
 - Establishing administration & legal requirements for : Zoning, entry fees, revenue-sharing with indigenous people.

Development of State-level Eco-Tourism and Visitor Strategy :

Action Points :

- To develop a State-level Community Based Participatory Eco-tourism strategy which would

incorporate : elements of local participation, sound environmental design, visitor management, marketing, conservation education, training, financial sustainability & monitoring and evaluation.

- For PAs throughout the State assessment of :
 - Tourism situation & potential
 - Determination of the PA specific desirable tourism situation & steps to attain this situation
 - Preparation of PA level Community Based Participatory Eco-tourism strategies.
- The strategy should also address the following :
- The current / potential PA attributes relevant for eco-tourism
- Site-selection criteria & processes for eco-tourism activities.
- Development of monitoring mechanisms for ecological impact of eco-tourism / tourism
- Procedures to calculate visitation information & levels
- identification of marketing opportunities for co-tourism
- Development of guidelines for visitor /staff behavior in PAs
- Identification “Interpretation” inputs for visitors viz, orientation center, visitor center, museum, way-wide exhibits, signages, road-side markers, literature, brochures, poster.
- Monitoring of visitation data for management
- Development of generic guidelines for environmentally acceptable & culturally appropriate architectural designs
- Establishing guidelines on PA staffing for eco-tourism
- Identification of training needs, sources for PA staff & stakeholders.
- Identification of appropriate institutional /organizational structures for participatory management of eco-tourism
- Developing monitoring-evaluation criteria to assess local participation & benefit sharing
- Development of Government & private stakeholders
- Development of State-level legal framework for eco-tourism / activities viz, delineation of “fringe areas “ around PA, legal provisions for Panchayats

- Assessment of existing State-level policy consideration for tourism
- Assessment of current State-level financial provisions & infrastructure for tourism management
- Identification activities or modification of existing practices to improve financial sustainability
- Identification of potential private-public sector linkages related to tourism / eco-tourism, apart from opportunities for future collaboration & related guidelines
- Development of an “Action Programme” for follow-up

Community based Eco-tourism : Possible inputs –
 Opportunities for indigenous host communities :

- Creation & management of low cost accommodation for tourists
- Providing guide service to visitors for jungle excursions
- Management of eco-tourism inputs like
 - Canoeing/boating
 - Angling
 - Cafeteria
 - Pony ride
 - Souvenir making & sale
 - Organising folk dance
 - Picnic spots
 - Elephant rides
 - Nature trail
 - Cycle trail
- Organising visit to a typical host community village & exposure to country culture
- Organising bird club (restricted)

Attractions for visitors

- Eco centers
- Nature trail
- Interpretation inputs
- Orientation center
- Visitor Centre
- Museum
- Amphitheatre

- Road-side exhibits
- Signages
- Road-side Markers
- Literature
- Light & Sound display
- Vehicular excursions
- Picnic spots
- Canoeing/boating
- Elephant rides
- Angling
- Pony rides
- Village visit
- Ethnic/folk dance
- Bird club
- Souvenir shops
- Cycle trail

--00--

APPENDIX NO. XLVIII
(Vide Para No.14.8.4)

Standing Order No. 002

**Subject:- Eco-tourism -Initiation of in
State of Maharashtra**

**CC.F/PT&SP/416, Dated the 7th
Feb.2002**

The initiation of Eco-tourism in the remote forest areas of the State of Maharashtra has been under consideration of the Forest Department since quite some time. While a Committee has been established to draft a detailed policy of Eco-tourism in the forest areas, the Forest Development Corporation of Maharashtra Limited is being permitted separately to take over the Rest Houses at Kolsa and Si1lari including compound of these locations. The Committee is expected to submit its report within a month to the undersigned. Forest Development Corporation of Maharashtra Limited is supposed to induct Eco-tourists in these two locations with effect from World Forestry Day i.e. 21st March 2002. It is also desirable to initiate eco-tourism in the territorial and wildlife Divisions as well as Circles of the Forest Department in the State of Maharashtra. To do so, following directions for compliance as per time limits are issued.

The DCFs territorial and Wildlife Divisions should immediately identify tourist spot within forest areas and enroute in non-forest area and map them on their Divisional map indicating the approach road.

Eco-tourist routes for approach, locations of water, food, petrol oil and lubricants, minor and major repair workshops for vehicles, Rest Houses of Forest and other departments, small reasonably priced hotels/homes (Paying Guest) for halting, small centers of Forest Products, local culture, archeological sites, festivals, traditions shops etc. etc should be located on this route.

One day, two days, 3 days to 7 days eco tourism circuit tours should be chalked out including necessary required halts at suitable intervals for various services required by the eco-tourists.

In every Division, at-least 5 resource persons such as Forest Guards, Foresters and even Range Forest Officers be identified who are satisfactorily competent and are familiar with these routes and locations as described above. Their responsibilities should be to take the eco-tourists on 1 to 7 days tours within the Division and accompany them throughout till their tour is completed. Services of Forest Department Officers as provided above

primarily will not be charged except that the Travelling allowances and Daily allowances shall be met by an these eco-tourists in whose vehicles these resource persons would accompany them. This is to begin with. After the State Government finalises suitable policy in this matter, detailed rates would be finalised and levied for which separate orders will be issued.

In every Division a Nodal Cell of Eco-tourism should be opened with responsible officer heading the Cell. These responsibilities should be in addition to their own present duties. This cell should be nucleus of the eco-tourism in the Division. There is no harm if DCF decides to have a eco-tourism cell in their ranges. How this should be organised in the ranges should be thought over and implemented. At the Circle level, CFs should oversee the above planning, implementation and monitoring it, including prescribing the reports to collect sufficient data at Circle level for monitoring and controlling measures as well as future planning.

1.0 CFs should also in their Circles to chalk out inter-divisional eco-tourism routes, identify resource persons and open a Cell within their offices through which they should initiate this interaction of Forest, wildlife and eco-tourists. It should be always kept in mind that while planning for eco-tourism in the protected areas, reserved forests and protected forests where many legislative measures are being implemented, the implementation of eco-tourism should not be in contravention of the existing systems of working and protection. In a nut-shell what must be always kept in mind while planning and executing the directions above, no official should compromise the principles of conservation of forests and wildlife protection.

2.0 The Dy. Conservators of Forests would submit within two weeks an Action Taken Report (ATR) to their CFs. CFs should make a comprehensive report to the Chairman of the Eco-tourism Committee Draft Policy Shri B.Majumdar, CCF(Wildlife) within 3 weeks from today.

3.0 Shri B.Majumdar as Chairman of the committee should incorporate above directions and guidelines as well as the important points that may emerge out of this initiation of eco-tourism in the remote forest areas of the State.

4.0 On 21st March 2002 the DCFs and CFs shall hold a press conference and brief the press about initiation and launching of Eco-Tourism and give them above details for informing people at large.

5.0 If any doubt arises in minds of DCFs/CFs they are at liberty to contact me in person any time.

sd/-

(M.K.Sharma)

Principal Chief Conservator of Forests,
Maharashtra State,
Nag pur .

Copy to

Secretary to the Hon'ble CM of Maharashtra
P.S. to Minister for Forests, Mumbai
PS to Minister of State (Forests) Mumbai
PS to the Chief Secy .GOM Mumbai
Principal Secretary (Forests,) Mantralaya, Mumbai
Divisional Commissioners(All)

Copy to CCFs(All) in Maharashtra State
Copy to Managing Director FDCM Ltd. Nagpur for favour of information.
Copy to Director Social Forestry Pune for favour of information.
Copy to CCF(Wildlife) Nagpur and Chairman Eco-tourism Policy Drafting
committee for information and necessary action.
Copy to All Regional Managers FDCM and Joint Directors Social Forestry for
information and necessary action.
Copy to All C.F.s and DCFs for information and necessary action.
Copy : Standing Order File with Administrative Officer.

APPENDIX NO. XLIX

DETAILS OF GUIDELINES ISSUED BY THE P.C.C.F. M.S.NAGPUR REGARDING DESIGN AND ESTIMATE OF R.C.C. PILLARS TO BE USED FOR THE MAINTENANCE OF FOREST BOUNDARIES.

ज्ञापन

विषय:-वनक्षेत्राचे सिमांकनाकरिता आर.सी.सी.पिल्लरचे
डिझाइन व अंदाजपत्रक पुरविण्याबाबत.....
क्रमांक:-वसं/भु.अ./68/2000.2001
नागपुर. 440 006 दिनांक 29.5.2001.

वनसंरक्षक, सर्व (प्रादेशिक) यांना कळविण्यात येते की, सद्यस्थितीत वनविभागामध्ये मुंबई वनसंहीतेतील तरतुदी नुसार वर्ग-1, वर्ग-2 चे दगडी बुरुजांद्वारे सिमांकनाचे काम करण्याची पध्दत अवलंब देण्यात येत आहे. तथापी, संवेदनशिल क्षेत्रात असे बुरुज सुस्थितीत ठेवणे दिवसंदिवस जिकरीचे झाले आहे. त्यामुळे या बाबीचा मुख्य वनसंरक्षकाच्या सभेमध्ये विचार होऊन अशा संवेदनशिल क्षेत्रात ठराविक आकाराचे आर.सी.सी. पिल्लर, सिमॉंट कोंक्रीटमध्ये रोऊन सिमांकनाचे काम करण्यात यावे, असे ठरविण्यात आलेले आहे.

2.00 त्यामुळे भुमीअभिलेख कक्षातर्फे सुचविण्यात आल्यानुसार वनअभियंता महाराष्ट्र राज्य, नागपुर यांचकडून पुरविण्यात आलेले 1.40 मिटर लांब (जमिनिवर एक मिटर उंच) व 0.90 मिटर लांब (जमिनिवर 0.5. मिटर उंच) अशा प्रकारच्या आर.सी.सी.पिल्लरचे डिझाइन व त्याचे नमुना अंदाजपत्रक सोबत जोडून पुढील कार्यवाहीकरिता पाठविण्यात येत आहे. तथापी स्थानिक क्षेत्रीय परिस्थिती व स्थानिक डी.एस.आर. चे दर पत्रकानुसार प्रत्येक क्षेत्राकरिता वेगळे सविस्तर अंदाजपत्रक बनविणे आवश्यक राहील.

3.00 वनक्षेत्राच्या सिमांकनाचे काम करताना कोणत्या प्रकारचे काम किंवा बुरुज वापरण्यात यावे, याबाबत पुढील सुचना लक्षात घ्याव्यात.

- 3.01 जेव्हा दोन वनविभागाच्या क्षेत्रामधील हद्ददीचे सिमांकन करावयाचे असेल व दोन्ही बाजुला वनक्षेत्र असेल अशावेळी दगडी बुरुजांद्वारे सिमांकन करण्याच्या सद्याच्या प्रचलित पध्दतीचा वापर करण्यात यावा.
- 3.02 संवेदनशिल वनक्षेत्राचे सिमांकन करताना पुर्ण: 1.40 मिटर लांबीच्या आर.सी.सी.पिल्लरचा वापर करण्यात यावा. आणि दोन पिल्लर मधील अंतर केवळ 50 मिटर असावे. अशा प्रकारच्या सिमांकनाची आवश्यकता मुख्यत: जेथे वनक्षेत्राची सिमा खाजगी क्षेत्राला लागुन असेल त्याठिकाणी राहील.
- 3.03 ज्य ठिकाणी वनक्षेत्राची सिमा महसुल क्षेत्रास किंवा इतर शासकीय जमिनिस लागुन असेल, अशा वेळी 1.40 मिटर लांबीचे आर.सी.सी.पिल्लर 100-150 मिटर अंतरावर रोवुन त्यांच्यामध्ये 30-40 मीटर अंतरावर 0.90 मीटर लांबीच्या आर.सी.सी.पिल्लरचा वापर करण्यात यावा.

4.00 सिमांकनाचे ठिकाणी आर.सी.सी.पिल्लर रोवण्याकरिता निविदा मागविताना सदरचे पिल्लरचे सिमांकनाच्या जागी कॉक्रीटमध्ये रोउन त्यांनापुढे सात दिवस 'क्युअरींग' करण्याची अट सुध्दा त्यात अंतर्भूत करावी.

तसेच वरील प्रमाणे कोणतीही कामे करतांना संबंधीत सक्षम अधिका-याकडून तांत्रिक व प्रशासकीय मंजूरी घेवून मगच निविदा मागवाव्यात आणि सदरच्या निविदांना सक्षम अधिका-यांची मंजूरी घेउन नंतरच प्रत्यक्ष कामास सुरुवात करावी. निविदा मागवितांना महाराष्ट्र वानिकी प्रकल्पांतर्गत निविदा मागविण्याच्या पध्दतीचा अवलंब करावा. तसेच निविदा बाबतचा खर्च 1/5 सिमांकन योजनेत्तर (छवद च्चंद दृ१६^{जी} ठवनदकंतल कमउंतबंजपवदद्व या शिर्षाखाली वितरीत अनुदानातुन करावा.

वरील सर्व गोष्टींना बराच कालावधी लागण्याची शक्यता आहे याचा विचार करता आणि पावसाळा संपताच म्हणजे ऑक्टोबर मध्ये सिमांकनाचे प्रत्यक्ष काम सुरु होण्याची अपेक्षा आहे, त्यादृष्टीने जरूर ती सर्व पुर्वतयारी आधिपासुनच करुन ठेवावी. यामुळे शासनाकडुन अनुदान प्राप्त होताच शिघ्र गतीने कामे सुरु व पुर्ण करता येतील. यासाठी वरीलप्रमाणे कार्यवाही अपेक्षित आहे. आजच्या परिस्थितीत सिमांकनाची कामे जानेवारी अखेर पुर्ण होतील यादृष्टीने सर्व कामांची आखणी करावी.

तसेच एक धोरणात्मक निर्णय म्हणुन यापुढे 1/5 सिमांकन कामात सुध्दा आर.सी. सी.पिल्लरर्सचा वापर वरील मुदा क्रमांक 3.01 ते 3.03 मध्ये दर्शविल्या पध्दतीने करावा.

केलेल्या कार्यवाहीचा पुर्तता अहवाल दरमहा, महिना अखेर या कार्यालयास पोहचेल या बेताने पाठविण्यात यावा.

सहपत्र:- वरिलप्रमाणे.

(मान्यता प्राप्त मसुदा)

स्वाक्षरी

प्रधान मुख्य वनसंरक्षक,
महाराष्ट्र राज्य नागपुर

प्रति,
वनसंरक्षक प्रादेशिक (सर्व)

APPENDIX NO. L
STATEMENT SHOWING THE FIVE YEAR BOUNDARY
DEMARCATON AND VERIFICATION PROGRAMME

Sr No.	Name of Range	Year	Name of village or particulars of boundary line	Pillars		Length of the line (In km)		Total Length (km)
				From	To	Natural	Artificial	
1	2	3	4	5	6	7	8	9
1	Warora	2002-03	Masala	3/1	21/1		4.00	4.00
			Umari unclassified boundary	1	5		0.80	0.80
			Tumgaon	21/1	12/1		2.60	2.60
			Borgaon Bhosale PF	1	11		2.00	2.00
			Arvi	12/1	3/1		0.40	0.40
			Pandhartala P.F.	1	15		3.00	3.00
			Anjangaon kundi	3/1	9/1		1.80	1.80
			Gwad Khurd	9/1	3/1		0.60	0.60
			Mahalgaon khurd	4/1	21/1		4.80	4.80
			Nagpur tukum p.f.boundary	18 & 1	34&17		7.40	7.40
			Kaudapur mokasa	24/1	4/1	0.40	0.60	1.00
			Salori p.f.boundary				6.40	6.40
			Comptt.no. 933/934/935					
			Sumthana	4/1	1/13		2.80	2.80
			Mangali ray. P.f.boundary.				3.72	3.72
			Alphala	1/13	9/1	1.20	0.40	1.60
			Awanda p.f.boundary	1	8		2.20	2.20

Appendix No.L continued.....

1	2	3	4	5	6	7	8	9
			Susa	9/1	17/1	2.00	2.00	4.00
			Susa p.f. boundary 932	1	4		0.80	0.80
			Gangapur	17/1	3/1		0.40	0.40
			Kosar	3/1	4/1		1.00	1.00
			Lonha-Dhalia	22/1	8		3.20	3.20
			Mandas- Gurad-chak	8	30		0.40	0.40
			Borgaon- Shiwanpet	30	36/1		1.20	1.20
			Borgaon mokasa-u.n. boundary	1	15		3.60	3.60
			Pandhartala Makta	36/1	10/1		2.20	2.20
			Kem Makta	10/1	12/1	2.80	0.20	3.00
			Sumthana	12/1	22/1		0.60	0.60
			Chicholi	26/1	16/1		2.40	2.40
			Chora	16/1	29/1		5.20	5.20
			Asthl	29/1	10/1		1.80	1.80
			Ghot Nimbala p.f. 189,190				13.60	13.60
			Baranj mokasa p.f. 891 to 894				12.20	12.20
		2003- 04	Masara	10/1	4/1		0.40	0.40
			Mangali chak & nawargaon ryt	4/1	7/1		6.40	6.40
			Baranj mokasa	7/1	4/1		0.40	0.40
			Baranj c hak	4/1	4		2.00	2.00
			Chora p.f. 902,9.3,904	1	40		6.80	6.80
			Chicholi p.f. 718 to 727,905,906				14.60	14.60
			Alphala	6	16/1		3.20	3.20
			Saleti wagheda p.f.boundary	1	26		5.60	5.60
			Wararmakta	18/1	20/1		4.20	4.20
			Khutala p.f.boundary				3.16	3.16
			Alphala	20/1	8		1.00	1.00

Appendix No.L continued.....

			Nandra p.f.boundary				3.60	3.60
			Sumthana	8	4/1		0.60	0.60
			Pawna ryt. P.f. boundary				6.00	6.00
			Kemmakta	4/1	24/1		4.60	4.60
			Gujgavan	24/1	2/1		0.20	0.20
			Sakhra rajapur	1/1	26/1		5.00	5.00
			Wadgaon	26/1	3/1		0.20	0.20
			Mokhela	3/1	6		1.20	1.20
			Borgaon	26/1	3/1		0.20	0.20
		2004- 05	Hirapur Golkari	6	1		1.60	1.60
			Wagholi p.f.boundary 923			4.00		4.00
			Wathala	1	6/1		1.40	1.40
			Khakhadi p.f.boundary 924				2.00	2.00
			Fattepur sawangi	6/1	16/1		3.00	3.00
			Pipalgaon Sinara	16/1	11/1		1.60	1.60
			Mangali makta	11/1	12		2.80	2.80
			Excised area	12	12	1.40	1.40	2.80
			Borgaon shiwaphala	12	22	1.20	1.20	2.40
			Mandagurad chak	22	6	2.20		2.20
			Excised Area	9	14	1.20		1.20
			Mangali Mokta	14	26/1		2.00	2.00
			Talegaon	26/1	7/1	0.20	1.20	1.40
			Tembhurda	7/1	6/1		1.40	1.40
			Chichala	6/1	15/1		2.20	2.20
			Pisdur	15/1	10/1		2.00	2.00
			Pangaon	10/1	3/1		0.60	0.60
			Pandhartala makta	3/1	3/1		0.40	0.40
			Borgaon shivapur	3/1	9		1.80	1.80
			Panthartala p.f.boundary 930				2.80	2.80
			Ordinance factory chanda	4	Comptt 218,208	8.90		8.90

Appendix No.L continued...

			Navargaon p.f.boundary				2.60	2.60
			Kartisonegaon p.f.896,897,898				11.60	11.60
			Masal visapur p.f.899				27.00	27.00
			Mangali ryt. P.f. 928,829				3.20	3.20
		2005- 06	Kemjai mokasa	2/1	10/1		1.80	1.80
			Dhamani p.f.boundary 912 to 918, 913 , 917				6.80	6.80
			Salori	10/1	35/1		8.60	8.60
			Bandra	35/1	13		2.20	2.20
			Excised area	13/1	8		2.20	2.20
			Khairgaon tukum	8	13/1		0.60	0.60
			Falseda	13/1	17/1		2.80	2.80
			Dindola khurd	17/1	9	1.60		1.60
			Walni p.f.boundary	9	15	3.60	1.20	4.80
			Dindola khurd	15	23/1		1.60	1.60
			Parwa tukum	23/1	24/1	1.60	4.00	5.60
			Dindola khurd	24/1	4/1		1.00	1.00
			Ordinance factory chanda	218,208	26/1		7.80	7.80
			Astikakde p.f. 900,901				4.00	4.00
			Saori p.f. 933,934,935				6.40	6.40
			Minwat kali p.f. 936 to 940				2.00	2.00
		2006- 07	Pawana	4/1	4		1.20	1.20
			Pawana ryt.	4	8		1.60	1.60
			Pawana	8	17/1		2.20	2.20
			Nandra	17/1	16/1		3.60	3.60
			Khutala	16/1	3/1		0.20	0.20
			Morwa rith	3/1	19/1		5.80	5.80
			Dhamani	29/1	6/1		1.00	1.00
			Khekhdi	6/1	13/1		2.80	2.80
			Wagholi	13/1	19/1		3.20	3.20
			Mesa	19/1	19/1		3.60	3.60

Appendix No.L continued.....

			Ratnala	19/1	2/1		0.20	0.20
			Ratnapur p.f.boundary 871				3.50	3.50
			Waigaon p.f.boundary 872, 873				5.00	5.00
			Chirpalli ryt. & kachrala ryt	20/1	5		2.00	2.00
			Awanda ryt.	5	9/17		2.60	2.60
			Pailichicholi	9/17	30	6.00	4.40	10.40
			Minwat tukum p.f.	1	22		2.30	2.30
			Ghot minwat jp.f.				6.00	6.00
			Sakhra undasa Comptt.1006			0.80		0.80
2	Mohorli	2002- 03	Ghosari	26/1	15/1		3.60	3.60
			Khutwanda	15/1	18/1		3.40	3.40
			Chichghat	18/1	12		1.60	1.60
			Pardi	31/1	2	4.80		4.80
			Saori	2	28/1		2.60	2.60
			Ghot minwat	28/1	26/1	0.60	4.60	5.20
			Chaiti tukum p.f. 462 to 866				11.80	11.80
			Madnapur p.f.				1.20	1.20
			Sindgawan p.f.942, 943				4.40	4.40
		2003- 04	Chichghat	12	34/1		3.60	3.60
			Khutwanda	34/1	6/1		1.40	1.40
			Khutwanda marar	6/1	6/1		0.80	0.80
			Mudholi	6/1 & 27/1	27/1 & 3/1	0.40	3.20	3.60
			Ambezari	1	31/1		3.20	3.20
			Paili chicholi	30	58/1	3.00	6.40	9.40
			Bhamdeli p.f. 946 to 956				19.20	19.20
			Sitarampeth p.f. 955 to 957				12.20	12.20
			Kondegaon pf. 958 to 960				4.40	4.40
		2004- 05	Kondegaon	3/1	23/1		3.20	3.20

Appendix No.L continued....

			Sitarampeth	23/1	40/1		5.40	5.40
			Excised area	58/1	7/1		2.80	2.80
			Masara	7/1	11/4	0.20	0.80	1.00
			Warwat	11/4	1/19		3.60	3.60
			Chorgaon	1/19	1/26		3.40	3.40
			Saori pardi p.f. 961				3.20	3.20
			Mudholi p.f. 988 to 999.				12.60	12.60
			Ambezari p.f. 986, 987				1.60	1.60
			Masara rith p.f.885 to 887				3.20	3.20
		2005- 06	Bhamdeli ryt.	40/1	2/1		0.60	0.60
			Thanegaon	2/1	1		1.40	1.40
			Moharli	1	16/1		2.80	2.80
			Junona	16/1	22		2.00	2.00
			Moharli tukum	22	21/1	1.80	1.20	3.00
			Madnapur tukum	10	21/1		1.20	1.20
			Chaiti	21/1	48/1		6.00	6.00
			Khandala	1/26	30	0.60	6.40	7.00
			Dewada				3.20	3.20
			Moharli p.f. 874 to 876				5.20	5.20
		2006- 07	Khutwanda			2.40	3.80	6.20
			Teladi mandawzari	48/1	20/1		3.60	3.60
			Satara	20/1	8/1		2.00	2.00
			Bamangaon	8/1	11		2.00	2.00
			Agarzari				5.20	5.20
			Adegaon			0.80	4.00	4.80
			Pailibhatali p.f. 877 to 881				12.80	12.80
			Madnapur p.f. 882 to 884				13.40	13.40
3	Kolsa	2002- 03	Gondmohadi	1,8/1, 9/1	8/1,9/1 1		6.40	6.40
			Madnapur tukum	10	37/1		1.20	1.20
			Vihirgaon	37/1	13/1		6.80	6.80
			Palasgaon makta	13/1	43/1		2.00	2.00
			Piparda makta	43/1	12		5.20	5.20

Appendix No.L continued.....

			Gondmohadi p.f. 856,857				6.20	6.20
			Vihirgaon p.f. 858 to 861				6.20	6.20
			Vihirgaon tukum p.f. 863, 864				0.64	0.64
		2003-04	Karwa	1	41		7.80	7.80
			Piparda makta	12	44/1		2.40	2.40
			Parna	44/1	29/1		7.60	7.60
			Piparda p.f. 850 to 853				7.60	7.60
			Belara p.f.854 855				3.20	3.20
			Palasgaon p.f. 1000 to 1003				3.80	3.80
			Karwa p.f. 823 to 827				6.00	6.00
		2004-05	Shirkada	1	63		12.30	12.30
			Shioni	48	6/1	1.60	5.20	6.80
			Wasera	6/1	14/1		1.20	1.20
			Singatzari	14/1	13/1		1.80	1.80
			Masmohan	13/1	11/1		2.80	2.80
			Shivani p.f. 842 to 847				9.40	9.40
			Shirkada p.f. 838 to 841				3.90	3.90
			Parna p.f. 848 849				3.80	3.80
		2005-06	Wasera	11/1	7		0.80	0.80
			Excised area	7	14		2.40	2.40
			Jamsala	14	8		1.20	1.20
			Naleshwar	8	16/1		6.00	6.00
			Kukadheti	16/1	8		1.60	1.60
			Kukadheti chak	8	4/1		1.60	1.60
			Khatera chak no.2	4/1	1/4		1.20	1.20
			Khatera	1/4	1/7		0.80	0.80
			Irrigation channel	1/7	Bhim Kund Nala		2.00	2.00
			Pandharpani	16/1	30	2.40	5.00	7.40
			Wasera p.f.				1.60	1.60

Appendix No.L continued.....

			Singatzari p.f. 828 to 832				6.80	6.80
			Masmohan p.f. 834 to 836				2.90	2.90
			Pandharwani p.f. 967 to 971				3.70	3.70
		2006-07	Piparheti	16/1	16	0.40	3.00	3.40
			Pangadi	11&19/1	19/1&8	0.20	2.80	3.00
			Zari			8.00	2.00	10.00
			Naleshwar p.f.				1.15	1.15
			Kukudheti p.f. 808 to 810				4.40	4.40
			Zamsala p.f. 962				2.90	2.90
			Khatera p.f.				1.80	1.80
			Bramhni p.f.				1.80	1.80
			Petgaon p.f.				5.00	5.00
4	Mul	2002-03	Irrigation channel	Bhim Kund Nala	1/7		3.00	3.00
			Padzari	1/7	1/5		1.20	1.20
			Excised area	1/5	1/59		1.20	1.20
			Maroda	1/59	9/1		9.90	9.90
			Nagala	B&C Road	1/11		1.20	1.20
			Mahadwadi	1/11	1/15	0.80	2.00	2.80
			Padzari				2.40	2.40
			Peth				2.60	2.60
			Excised area 426	14	58/1	1.80		1.80
			Zambharla	58/1	16/1	0.80	2.20	3.00
			Chiroli	4/1	30/1		3.60	3.60
			Excised Area	30/1	4		2.20	2.20
			Naleshwar	4	5/1		0.80	0.80
			Dahegaon chak	5/1	7/1		2.00	2.00
			Mankapur tukum	7/1	25/1		5.20	5.20
			Dahegaon	25/1	5/1		0.80	0.80
			Sawapur ryt.p.f.793 794				2.80	2.80
			Padzari p.f				0.80	0.80
			Padzari chak p.f.				3.00	3.00

Appendix No.L continued...

			Usrala ryt. P.f.				5.80	5.80
			Shivapur tukum unclass				3.40	3.40
			Shivapur rith p.f.				5.60	5.60
			Ratnapur p.f.				4.60	4.60
			Chicvhpalli p.f. 628 629				5.60	5.60
			Jamrala p.f. 630				2.00	2.00
			Ajaypur p.f. 632 to 639				2.80	2.80
			Gilbili p.f. 640 to 643				8.00	8.00
			Mohadi tukum p.f. 642 to 644				4.40	4.40
			Haldigaongana p.f.747				0.40	0.40
			Kawadpeth p.f. 743 to 745				4.20	4.20
			Kawadpeth chak p.f. 750 751				5.40	5.40
		2003-04	Karwan	98/1	1/34		2.40	2.40
			Katwan	1/34	8/1		7.80	7.80
			Rampur	8/1	20/1		2.00	2.00
			Chichpalli	16/1	42		8.80	8.80
			Ajaypur rat.	42	B&C Road		2.00	2.00
			Dahegaon chak	5/1	3/1		0.80	0.80
			Walni	3/1	12/1		2.60	2.60
			Kawadpeth	12/1 & 2/4	1/4 4/1		1.80	1.80
			Temta	14	7		1.80	1.80
			Excised area	7	16		1.60	1.60
			Sandhala	16	1/50	0.20	4.40	4.60
			Kelzar	1/50	38		1.40	1.40
			Karwan p.f. 764 765				1.40	1.40
			Maroda p.f. 769 to 772 776 to 781, 790, 791				14.60	14.60

Appendix No. L continued.....

			Zari p.f.621 622				2.40	2.40
			Pimpalkhut chak p.f.623 to 625				2.40	2.40
			Pipalkhut ryt. P.f.627				1.60	1.60
			Haldimal p.f. 620				0.40	0.40
		2004- 05	Vihirgaon	20/1	8/1		3.20	3.20
			Dagadtalao	8/1	6/1		1.80	1.80
			Excised area	6/1	26/1		2.60	2.60
			Janala	26/1	1/13		4.40	4.40
			Andhari river	B&C Road	1/6	2.20		2.20
			Pipalkhut & gondsawari	1/6 1/20	1/20 1/15		8.80	8.80
			Comptt. No. 525	38	22		7.20	7.20
			Excised area	22	8		1.80	1.80
			Satara tukum	18	7		2.00	2.00
			Asegaon			0.80	3.20	4.00
			Mohadli tukum gilbili	Dhor Wasa	1/17	6.40	4.00	10.40
			Mandatukum p.f. 689 to 691				5.00	5.00
			Chiroli ryt. P.f. 692				1.20	1.20
			Nirzari p.f. 696 697				9.00	9.00
			Agadi p.f. 715				5.30	5.30
			Janala				3.20	3.20
			Masbodan				2.00	2.00
			Kantapeth				2.00	2.00
			Chiroli p.f. 718 to 727				12.00	12.00
			Tolewahi p.f. 728 to 731				2.80	2.80
			Mankapur p.f. 736 737				2.80	2.80
			Uthalpeth p.f. 738 739				2.00	2.00
			Naleshwar ryt. 740 742				6.60	6.60

Appendix No. L continued.....

		2005-06	Comptt. No. 523				6.00	6.00
			Agadi tukum	1/13	1/6		2.60	2.60
			Doni				5.60	5.60
			Haldi	1	1/17		3.40	3.40
			Walni	17	11/1		5.60	5.60
			Comptt. No. 516 526	Comptt Bdy		5.60	14.40	20.00
			Dagadtalao p.f.748 749				5.40	5.40
			Gothangaon rith p.f.750				1.40	1.40
			Kawadpeth chak p.,f.				5.40	5.40
			Tadaka tukum 752				8.00	8.00
			Antangaon p.f. 753				1.00	1.00
			Gondivihirgaon p.f.735				3.40	3.40
			Vihirgaon tukum 751 754				11.20	11.20
			Walni mal p.f.614 to 617				6.40	6.40
			Temta mal p.f. 631				1.20	1.20
			Nagala P. F.				4.80	4.80
			Ratnapur p.f. 801 802				4.80	4.80
			Katwanmal p.f.761 762				5.60	5.60
			Katwan ryt. P.f. 760				0.80	0.80
			Mahadwadi & gondsawari p.f. 633 to 638				9.20	9.20
			Chiroli p.f. 718 to 727				12.00	12.00
			Mul p.f. 757 758				5.60	
		2006-07	Comptt. 524	1/6	1/9	1.80	12.50	14.30

Appendix No. L continued....

			Nagala	1/1	B & C Road		0.40	0.40
			Excised area	11/1	29/1	1.60	6.80	8.40
			Nimbala	29/1	19/1		1.40	1.40
			Comptt.516 526				18.30	18.30
			Kanhargaon				4.60	4.60
			Dabgaon tukum				1.20	1.20
			Akapur ryt.				2.10	2.10
			Akaput indapwar				3.40	3.40
			Dabgaon makta				1.80	1.80
			Sarajkheda p,,f.693 694				1.20	1.20
			Kelzar p.f. 698 to 705				1.60	1.60
			Khandla rith				3.60	3.60
			Maral saoli p.f 712				1.60	1.60
			Marar saori ryt.713				3.00	3.00
			Wedhi rith p,f,,746				3.00	3.00
			Dahegaon rith 733 to 735				5.60	5.60
5	Chandrapur	2002- 03	Khandala	30	5/51		4.80	
			Chorgaon	1/51	40/1		6.20	
			Exciside area	Rly.line			2.60	
			Waigaonmal p.f.				2.40	
			Waigaon chak p.f.				8.20	
			Borda ryt.chak. p.f.				2.60	
			Cheknimbala p.f.				5.00	
		2003- 04	Warwat	40/1	13/1	2.80	1.40	4.20
			Sinala	13/1	12		1.80	1.80
			Nimbala	1	33/1		7.00	7.00

Appendix No. L continued.....

			Chanda	23/1	47/1		4.60	4.60
			Dharamshala p.,f.				1.40	1.40
			Chanda ryt.p.f.				5.00	5.00
			Lohara p.f.				3.20	3.20
			Janala p.f.				2.20	2.20
		2004- 05	Walani	17	22		0.60	0.60
			Exceed area	22	7/1	0.40	8.00.	9.20
			Waigaon	7/1	16/1		2.20	2.20
			Exceed area	16/1	5/1		2.00	2.00
			Mana	47/1	10/1		1.60	1.60
			Nandgaon	10/1	6/1		0.40	0.40
			Exceed area	6/1	4/6		1.20	1.20
			Mamla p.f.				5.20	5.20
			Mamla new r.f.				2.80	2.80
			Nimbala p.f.				3.90	3.90
		2005- 06	Nimbala	5/1	19/1		3.20	3.20
			Ghantachouki				2.20	2.20
			Wirur				4.20	4.20
			Wandhari				2.20	2.20
			Bhimkund	4/6	22		4.20	4.20
			Chorgaon p.f.				11.60	11.60
			Khandala p.f.				10.00	10.00
		2006- 07	Chichala				2.20	2.20
			Sonarli				1.00	1.00
			Datara				0.80	0.8.0
			Khutala				2.60	2.60
			Morwa				2.80	2.80
			Tadali				2.00	2.00
			Gurala				0.20	0.20
			Junona				5.20	5.20
			Warwat p.f.				10.40	10.40

APPENDIX NO.LI
(Vide Para No.15.7.8.)
ग्रामीणाच्या सहभागातुन वनव्यवस्थापन.

महाराष्ट्र शासन,
महसुल व वनविभाग,
शासन निर्णय क्रमांक एसएलएफ-1091/प्र.क्र. 119 /एफ-11,
मंत्रालय, मुंबई-400 032 दिनांक 16 मार्च 1992.

वाचावे:- 1) केंद्र शासनाच्या पर्यावरण व वनमंत्रालयाचे पत्र क्रमांक-6-21/89-एफ.पी.
दिनांक 1-6-1990.

निर्णय:-

वनक्षेत्रातील अवैध तोड निरनिराळ्या कारणास्तव वाढतच चालली आहे. या अनिष्ट प्रवृत्तीला आळा घालण्यास केवळ शासकीय यंत्रणा वा कायदा उपयुक्त ठरणार नाही. वनसंपत्तीच्या सर्वेक्षणात जनतेच्या सहकार्याची नितांन गरज आहे. देशाच्या अथपुर्ण विकासात वनाचे संवर्धन करुन त्यांना उत्पादक घटक म्हणुन विकसीत करणे व त्याकरिता पोषक असे व्यवस्थापन लोकाच्या सहभागातुन साध्य करावयाचे दायीत्व व विभागाकडे आहे. राष्ट्रीय वननिती 1988 अन्वये वनक्षेत्राचा विकास करण्यासाठी व वनसंरक्षणामध्ये लोकांचा सहभाग अभिप्रेत आहे. त्यादष्टीने केंद्र शासनाच्या पर्यावरण आणि वन वनमंत्रालयाने आणि सर्व राज्य शासनांना दिनांक 1.6.1990 च्या पत्राने महत्वपुर्ण मार्गदर्शक तत्वे कळवुन लांकांच्या सहभागाने अवतन वनक्षेत्राचे पुनरुजिवन साधण्यासाठी एक योजना तयार करावी अशी विनंती केली आहे.

2. केंद्र शासनाने केलेल्या विनंतीचा सखोल अभ्यास आणि संबंधीत शासकीय विभागाशी सल्लामसलत करुन महाराष्ट्र शासनाने आता ग्रामीनांच्या सहभागातुन वनव्यवस्थापनेबाबत एक अति महत्वाचे व पुरोगामी निर्णय घेतला आहे.
3. महाराष्ट्र राज्यांच्या वनविभागाच्या लाकाभिमुख कार्यक्रमाची व निवड करावयाच्या क्षेत्राची रुपरेषा खालीलप्रमाणे राहिल.

ग्रामीण परीसरातील अपगत व अवनत वन व वनेत्तर क्षेत्राचा उपयोग या कार्यालयासाठी प्रामुख्याने केला जाईल.

प्रस्तावित कार्यक्रम स्थानिक ग्रामपंचायतीच्या सहकार्याने राबविला जाणार असुन वर्ग केलेल्या वनक्षेत्रात नैसर्गीक पुनरुज्जिवन, संरक्षण व वनिकरण याद्वारे वनक्षेत्रातुन मिळणारे उत्पादन स्थानिकांच्या दैनंदिन गरजा भागविण्यासाठी अग्रक्रमाने उपलब्ध करुन दिले जाणार असल्यामुळे त्यांच्या हक्कावर बंधने येउ नये म्हणुन खाजगी व्यक्ती अथवा संस्था तसेच वनउपजावर आधारीत औद्योगीक प्रतिष्ठांनाना करारन्याम्यानुसार दिलेले क्षेत्र या कार्यक्रमातुन वगळण्यात येईल.

गावाच्या परिसरातील वनेत्तर क्षेत्र जर मुबलक प्रमाणात उपलब्ध असेल अथवा ते वनक्षेत्रात संलग्न असेल व प्रस्थावित योजनेच्या अमलबजावणीसाठी या वनेतर जमिनिची गरज असेल

तर अशा जमीनीचा अंतर्भावही या योजनेत करता येईल. तसेच ग्रामस्थांनी व ग्रामपंचायतींनी सहमती दिल्यास गट लागवडीसाठी असलेल्या क्षेत्रात ही योजना राबविता येईल.

सदरच्या कार्यक्रमात वनक्षेत्र करारनाम्याने देणे अभिप्रेत नाही. संरक्षण व विकासाचेकामासाठी राखीव व संरक्षित वनाचे कंपार्टमेंट नंबर व सर्व्हे नंबर क्षेत्रीय वनसंरक्षक गावासाठी निश्चित करतील व निस्ताराची गरज व ग्रामपंचायतीचा संरक्षक.....

प्रस्तावित कार्यक्रमाचे उद्दिष्ट वनवासी, आदिवासीच्या दैनंदिनी विषयक गरजांची टंचाई निवारण करणे असे आहे म्हणून या कार्यक्रमात जोड कृषी उत्पादन अभिप्रेत नाही. तसेच वनसंरक्षण कायदा 1980 चे वैधानिक तरतुदींना बाधा येईल असे कोणतेही कारारनामे, व्यक्ती, संस्था अगर ग्रामपंचायतीशी केले जाणार नाही.

या योजनेची तत्त्वे खालीलप्रमाणे आहे.

अ.) खेडेगावाजवळ असलेल्या अवनत क्षेत्राचे पुनरुज्जीवन, वनसंरक्षण समित्याद्वारे केले जाईल. या समितीवर गावातील जवळजवळ सर्व कुटुंबांना प्रतिनिधीत्व मिळेल.

ब.) वनक्षेत्राचे संरक्षण, रोपांचे संगोपन, इत्यादी जबाबदा-या वनसंरक्षण समिती/स्थानिक लोक स्विकारतील.

क.) वनसंरक्षण समिती एक कार्यकारी मंडळ नियुक्त करेल व कार्यकारीणी समिती या योजनेचा तपशिल तयार करेल.

तसेच योजनेच्या अंमलबजावणीसाठी आवश्यक ते निर्णयही घेतील. परंतु सर्व धारणात्मक बाबी वनसंरक्षण समितीच्या संमतीने अंतीम करण्यात येईल.

ड.) अवनत वनक्षेत्राचे पुनरुज्जीवन झाल्याने मिळणा-या वनउपजांचा फायदा वनसंरक्षण समिती/स्थानिक जनतेस काही मापदंडानुसार द्यावयाचा आहे.

इ.) स्वायंत संस्थांचा फायदा ही योजना राबविण्यासाठी घेणे शक्य आहे.परंतु स्वयत्त संस्थाना कोणत्याही प्रकारचा फायदा अनुज्ञेय नाही.

सर्वसाधारणपणे ग्रामपंचायतीच्या सहकार्याने या योजनेची अमलबजावणी करावयाची आहे म्हणून ग्रामपंचायतीकडून या योजनेला पांटीबा देणारा ठराव मंजूर करून घेणे आवश्यक आहे. असा ठराव प्राप्त झाल्यानंतर संबंधीत विभागीय वन अधिका-यांनी प्रथम स्थानिक ग्रामस्थांशी सरपंच आणि ग्रामपंचायतीच्या इतर पदाधिका-यांशी चर्चा करावी. आणि ग्रामसभा घेउन वनसंरक्षण समितीच्या सदस्याची निवड करावी. अशा ग्रामपंचायतीच्या हद्दीत ही योजना राबविताना स्वायत्त संस्थांचे सहकार्य आवश्यक वाटल्यास विभागीय वन अधिका-यांनी ते घ्यावे. अशा परिस्थितीत कार्यकारी मंडळावर स्वायत्त संस्थांचे दोन प्रतिनिधी सदस्य म्हणून घेण्यात यावे. कार्यकारी मंडळाची निवडही याच प्रकारे करण्यात यावी.

महाराष्ट्र राज्यात जंगल कामगार सहकारी संस्थांचा उपयोगही या योजनेची अमलबजावणी करण्यासाठी करून घेता येईल. मात्र जंगल कामगार सहकारी संस्थानी आपआपल्या कार्यक्षेत्रातील प्रत्येक कुटुंबातील किमान एक व्यक्तिस आपला सभासद करून घ्यावे. जेथे ग्रामपंचायती व जंगल कामगार संस्था यांचे कार्यक्षेत्र एकच असेल तेथे ही योजना कोणी राबवावी याचा निर्णय

गुणवत्तेवर घेण्यात यावा. मात्र जंगल कामगार सहकारी संस्थाची बिकट आर्थिक परिस्थिती लक्षात घेउन शक्यतो त्यांनाच ही योजना राबविण्यासाठी प्राधान्य देण्यात यावा.

4. या योजनेचा तपशिल व स्वरूप खालील प्रमाणे राहिल.
कार्य आयोजना.

क्षेत्रिय उपवनसंरक्षक, गावासाठी कार्यक्रमाखाली निवड केलेल्या क्षेत्राची कार्य आयोजना तयार करतील. या कार्य आयोजनेत खालील तपशिल अंतर्भूत राहिल.

नैसर्गिक पुनरुत्पत्तीचे क्षेत्र,
वृक्षाची घनता वाढविण्याबाबत योजना.
लागवडीच्या प्रजातीच्या शिफारस,
भुजल संधारण कार्य,
सरहद्दीचे सिमांकन
रोपवनाची देखभाल

कार्य आयोजना तयार करणारे अधिकारी वनविभागाचे क्षेत्रिय उपवनसंरक्षक हे राहतील कार्य आयोजना कालावधी दहा वर्षांचा असेल.
उपवनसंरक्षक यांनी तयार केलेली कार्य आयोजना मंजूर करणा-या समितीची रचना खालील प्रमाणे असेल.

1.	वनसंरक्षक	अध्यक्ष
2	उपवनसंरक्षक(कार्य आयोजना).	सदस्य
3	सहसंचालक, सामाजिक वनिकरण	सदस्य
4	उपसंचालक, सामाजिक वनिकरण	सदस्य
5 व 6	कार्यकारी मंडळातील दोन लाभार्थी	सदस्य
7	क्षेत्रिय उपवनसंरक्षक	सदस्य/सचिव

वरील कार्यआयोनची अमलबजावणी वनविभागाच्या छत्राखाली करण्यात यावी. तसेच गावासाठी वर्गीकृत केलेल्या क्षेत्राच्या वरील कार्य आयोजनेच्या संदर्भाने वनविभागासाठी केलेल्या कार्य आयोजनेमध्ये आवश्यक ते बदल करण्यात यावे.

5. योजनेखालील लाभार्थी सर्व साधारणपणे संबंधीत वनात व वनसिमेवर राहणा-या व आर्थिकदृष्ट्या दुर्बल गटातील व्यक्ती राहतील त्या वनसिमेवर राहणा-या प्रत्येक कुटुंबास या समितीचे सदस्य होण्याची संधी उपलब्ध राहिल. मात्र, ही संधी अशा कुटुंबासच मिळेल. कि ज्या कुटुंबातील व्यक्ती प्रस्तावित वनसंरक्षण योजनेत व विशेषतः वनसंरक्षणाच्या कामात सहभागी होईल. कुटुंबातील एखादया व्यक्तीने देखील या योजनेत सहभाग घेतला तरी देखील या योजनेतील सर्व अपेक्षित फायदे त्या कुटुंबास प्राप्त होतील.
6. या योजनेतील वनसंरक्षण समितीची रचना, कर्तव्य जबाबदा-या खालीलप्रमाणे राहतील.

उपवनसंरक्षक ग्रामपंचायतीशी सल्लामसलत करुन वनसंरक्षण समितीच्या कार्यक्षेत्रातील लाभार्थीची निवड करुन वनसंरक्षण समिती संगठीत करतील.

वनसीमेवर राहणा-या प्रत्येक कुटुंबास या समितीचा सदस्य होण्याची संधी उपलब्ध राहील. मात्र अशा कुटुंबातील प्रत्येक व्यक्तीस (स्त्रीयासह) वनसंरक्षाच्या कामात सहाभाग असेल तरच त्या कुटुंबांना हा पर्याय उपलब्ध राहील.

वनसंरक्षण समितीची कामे सुरळीत चालावी म्हणुन ग्रामपंचायतीने हया समितीच संपुर्ण सहकार्य देणे जरुरीचे आहे.

वनसंरक्षण समितीचे एक कार्यकरी मंडळ दिलेली कामे पार पाडण्यासाठी संगठीत केले जाईल कार्यकारी मंडळाची रचना खालीलप्रमाण राहील.

1. संरपंच	पदसिध्द सदस्य	सदस्य
2. ग्रामसेवक	पदसिध्द सदस्य	सदस्य
3. वनपाल	पदसिध्द सदस्य	सदस्य सचिव
4. स्वयत्त संस्थानी नामनिर्देशीत	सदस्य	सदस्य
केलेल्या दोन व्यक्ती. (ज्या गावात स्वायत्त संस्थेने वनीकरण व इतर क्षेत्रात काम करुन, ग्रामस्थांचा विश्वास संपादीत केलेला आहे अशा गावानांच ही तरतुद लागु होईल.)		

दरवर्षी वनसंरक्षक समितीच्या कार्यक्षेत्रातील लाभार्थीपैकी कार्यकारी मंडळाचे सदस्य निवडले जातील. या निवडणुकी वर वनक्षेत्रपाल देखरेख ठेवतील. लाभार्थीवर दोन स्त्रीया व दोन अनुसुचित जाती/जमाती व इतर मागासलेल्या वर्गापैकी व्यक्तीना निवडुन देण्याचे बंधन राहील. कार्यकारी मंडळाचे सदस्य कार्यकारी मंडळाच्या सभेत आपला अध्यक्ष निवडतील. वनपाल कार्यकारीनी समितीचा सदस्य सचिव या नात्याने त्यांच्या बैठका नियोजित पध्दतीप्रमाणे आजोतील करील.

कर्तव्य

वनसंरक्षण समितीचे कार्यकारी मंडळ एक रजिस्टर घेउन त्यात समितीचे प्राथमिक सदस्याची माहिती ठेवतील. उदा: -नाव, पित्याचे नांव, पत्ता, वय, कुटुंबीयाची संख्या, कुटुंब प्रतिनिधीचे नाव, इत्यादी. कुटुंबाचे प्रतिनिधीचा फार्म भरुन कार्यकारी मंडळाने मंजुर करुन रजिस्टरमध्ये चिकटवुन ठेवावे. ही रजिस्टरे वनक्षेत्रपालाचे कार्यालयात कायम स्वरुपी म्हणुन ठेवावी.

वनसंरक्षण समिती एक इतिवृत्तांत रजिस्टर ठेवेल व त्यात कार्यकारी मंडळाच्या सभेचा इतिवृत्तात वेळोवेळी नोंद करुन ठेवला जाईल. तसेच आम सभेच्या इतिवृत्ताची अध्यक्षांच्या सहीने नोंद ठेवली जाईल. असा इतिवृत्तांत वनक्षेत्रपाल यास सादर केला जाईल.

वनसंरक्षण समिती वर्षातुन एकवेळा आमसभ आयोजीत करीत. त्यात कार्यकारी मंडळाने केलेले कामकाज व निस्तार वाटपाबाबत चर्च होईल. तसेच कार्यकारी मंडळाचे सदस्याची निवड होईल. त्याचप्रमाणे कार्यकारी मंडळाची बैठक कमित कमी दर तीन महिन्यातुन एकदा होईल.

कार्यपद्धती.

अ. वनक्षेत्र व रोपवन क्षेत्राचे समितीचे सभासदामार्फत संरक्षणाचे धोरण ठरविणे.
 ब.. वनक्षेत्र व रोपवन क्षेत्राचे समितीचे सभासदामार्फत संरक्षण करणे. वनक्षेत्र अथवा रोपवन क्षेत्रावर बुध्दीपुरस्सर अतिक्रमण करणे, बुध्दीपुरस्सर नाश करणे.
 अशी अतिक्रमणे नुकसान व अवैध तोडीस, विषेश करुन प्रतिबंधक कार्यवाही करणे अथवा अवैध तोड करणा-या गुन्हेगाराची नावे व तपशिल वनअधिका-यास अवगत करणे.
 वनगुन्ह्याचे कामी गुन्हेगारास अटकाव करणे, पकडणे व कार्यवाही करण्यासाठी वनअधिका-यास सहाय्य करणे.

क. वनसंरक्षण समितीची वनविषयक कामे सुरळीतपणे व व्यक्तशिरपणे पार पाडण्यास मदत करणे.

संबंधीत वनअधिका-यास वनविषयक कामासाठी कामगार मिळविणे व त्याचे व्यवस्थापन करण्याकामी सहाय्य करणे.

ड. वनविभागाला वचउपजाचे निकासी व संग्रणाचे कामी सहाय्य करणे.

संबंधीत वनअधिका-याला लिलाव मालाच्या 50 टक्के मालाचे निस्ताराचे सभासदास (कार्यकारी मंडळाने तयार केलेल्या व उपवनसंरक्षक यांनी मंजुर केलेल्या यादीप्रमाणे) वाटप करण्यास सहाय्य करणे.

शासनाने मंजुर केलेल्या निस्ताराचा दुरुपयोग निस्तारीकडुन केला जात नाही हयाची खबरदारी घेणे व वनक्षेत्र व वनरोपवन क्षेत्राचा कोणत्याही प्रकारच्या अतिक्रमणापासुन बचाव करणे.

इ. भारतीय वन विषयक कायदा व इतर वन वा वन्यप्राणी विषयक कायद्याच्या तरतुदीचा भंग करणा-या गुन्हेगारावर प्रतिबंधात्मक कार्यवाही करणे.

वनसंरक्षण समितीचा कोणत्याही प्राथमिक सभासद दुराग्रहाने नुकसान करण्याचे उद्देशाने एखादया वनक्षेत्रासंबंधी अथवा वनरोपवन क्षेत्रासंबंधी अथवा वनरोपवन क्षेत्रासंबंधी दुष्कृत करीत असेल तर बिट गार्ड, वनपाल अथवा वनक्षेत्रपालास कळवुन त्याचे सभासदत्व रद्द करण्यास शिफारस करतील.

वनविषयक कायदे व नियम हयांचा भंग करणा-या व्यक्तीविरुध्द अथवा सभासदाविरुध्द वैधानिक कार्यवाही करत असलेल्या वनअधिका-यास सक्रिय सहाय्य करणे व त्यात वन व वनरोपवनाचे संरक्षाणाकामी मदत करणे.

7. या योजनेच्या कार्यक्षेत्रातील निस्तारासंबंधी तरतुदी खालील प्रमाणे राहतील.

ज्या वनक्षेत्रात निस्तार हक्क प्रचलित आहेत त्या क्षेत्रात ग्रामपंचायत, लाभार्थी व वनसंरक्षण समिती या तीघांमध्ये एकवाक्यता असणे अनिवार्य आहे. अशा ठिकाणी

वनोपजाचे वाटप करण्याची शक्यतो प्रचलीत पद्धती अवलंबविण्यात यावी. तथापी जेथे निस्तार हक्क प्राप्त असलेल्या व्यक्तीने अथवा कुंटुबाने योग्य ती संधी मिळूनही वनसंरक्षणाचे योजनेत भाग घेण्यास नकार दिला तर त्या व्यक्तिस या कुंटुबास या योजनेखालील कोणतेही फायदे मिळणार नाहीत.

8. वनोपजाचे फायदे देण्यासंबंधी कार्यवाही खालीलप्रमाणे करण्यात यावी.

वनोपजांचा फायदा घेण्यास पात्र ठरविण्यासाठी वनसंरक्षण समितीचे सभासदाने गावासाठी वर्ग केलेल्या वन व रोपवन क्षेत्राचे किमान पाच वर्षे संरक्षण करण्याचया कार्यक्रमात सक्रिय सहभागी होणे जरूर आहे.

रोपवनाची वाढ 10वर्षे झाल्यानंतर व त्या रोपवनाचे व वनक्षेत्राचे संरक्षण समितीने सातत्याने संरक्षण केले आहे हे तपासुन असे उत्पादन परिपक्वतेस आले आहे म्हणुन ते निस्तार वाटपास तयार झाले असे ठरेल. अशा क्षेत्रातुन निकसीत होणा-या उत्पादनाचे वनसंरक्षणा समितीचया सभासदास वाटप करण्यासाठी नियोजन आराखडा तयार करण्याचे काम वनअधिकारी करतील.

वनक्षेत्र व अथवा रोपवन क्षेत्राला इजा न करता खालील बाबी संरक्षण समितीचे सभासदास विनामुल्य प्राप्त करता येईल.

संबंधीत वनक्षेत्रपालास अधिकार प्रदत्त करुन उपवनसंक्षक हे वनसमितीच्या सभासदांचे प्राथमिक सदस्यत्व रद्द करण्यास अधिकृत करु शकतील. व वरीलप्रमाणे कायदा व शर्तीचा भंग करणा-या व्यक्तीविरुध्द वनक्षेत्रपाल वनसंरक्षण समितीच्या कार्यकारी मंडळाच्या शिफारशी वरुन कार्यवाही करु शकतील. वनक्षेत्रपाल यांनी केलेल्या दंडात्मक कार्यवाही विरुध्द तालुका पंचायत समिती मार्फत उपवनसंरक्षक हयास अपील करता येईल. उपवनसंरक्षकांचा निर्णय अंतिम व दोन्ही बाजुवर बंधनकारक राहील.

10.. वरील योजनेची अंमलबजावणी सुरु झाल्यानंतर परिस्थितीनुसार वेळोवेळी शासनाला धोरणात्मक निर्णय घेण्यासाठी सल्ला मिळावा यासाठी खालील नमुद केल्याप्रमाणे एक उच्चाधिकार समिती स्थापन करण्यासाठी शासनाची मान्यता देण्यात येत आहे.

1.	मा. मुख्यमंत्री	अध्यक्ष
2.	मा. वित्तमंत्री	सदस्य
3.	मा. वनमंत्री	सदस्य
4.	मा. ग्रामविकास मंत्री	सदस्य
5.	मा. आदिवासी विकास मंत्री	सदस्य
6.	चार स्वायत्त संस्थानी	सदस्य
7.		सदस्य
8.		सदस्य
9.	नामनिर्देशीत केलेल्या व्यक्ती	सदस्य
10.	मा. सचिव (वित्त)	सदस्य
11.	सचिव (ग्रामविकास)	सदस्य

- | | | |
|-----|----------------------|------------|
| 12. | सचिव (आदीवासी विकास) | सदस्य |
| 13. | सचिव (नियोजन) | सदस्य |
| 14. | सचिव (वने) | सदस्य सचिव |

12. हा शासन निर्णय, नियोजन विभाग व वित्त विभाग यांच्या सहमतीने व वित्तविभागाचा अनोपचारीक संदर्भ प्र.क्र.770/91/व्यय/10 दिनांक 28.1.1992 अन्वये निर्गमित करण्यात येत आहे.

महाराष्ट्राचे राज्यपाल यांच्या आदेशानुसार व नावाने.

टी.बलरामन,
शासनाचे
सचिव.

APPENDIX NO. LII

प्रधान मुख्य वनसंरक्षक, महाराष्ट्र राज्य, नागपुर यांचे कार्यालय.

विषय:-संयुक्त व्यवस्थापनाबाबत कार्य अयोजना
पुनरिक्षणात समाविष्ट करण्याबाबत
मार्गदर्शक ,

सुचना.

क्रमांक:-कक्ष-14/काआ/फा-क.

11/43/98.99/

नागपुर दिनांक 21.4.98.

संदर्भ:-1. केंद्र शासनाचे पर्यावरण व वनमंत्रालय पत्र क्रमांक
6-21/89/एफ.पी.

दिनांक 1.6.1990.

2. शासन निर्णय क्रमांक एसएलएफ-1091/प्र.क.199/फ.
11/मंत्रालय मुंबई

दिनांक 16 मार्च 1992.

केंद्र शासनाचे संदर्भ -1 चे पत्राप्रमाणे महाराष्ट्र शासनाने संदर्भीय पत्र
2 च्या शासन निर्णयाप्रमाणे (जी.आर.) ग्रामीणांच्या सहभागातून
वनव्यवस्थापनेच्या बाबतीत निर्णय घेतलेला आहे. त्याप्रमाणे निवडलेली गावे व
क्षेत्राकरिता तयार करावयाच्या कार्य अयोजनेच्या तरतुदी प्रामुख्याने प्रढील
प्रमाणे आहे.

- अ. ग्रामीण परिसातील व अपगत वने व वनेत्तर क्षेत्राच्या उपभोग या
कार्यक्रमासाठी प्रामुख्याने केला जाईल.
- ब. संरक्षण व विकासाचे कामासाठी राखीव व आरक्षित वनाचे कंपार्टमेंट नंबर व
सर्व्हे नंबर क्षेत्रिय वनसंरक्षक गावासाठी निश्चित करतील.
- क. क्षेत्रिय उपवनसंरक्षक गावासाठी या कार्यक्रमाखाली निवड केलेल्या क्षेत्राची
कार्य आयोजना तयार करतील.

सुदर शासन निर्णयातील अनुक्रमांक 5 मध्ये शेवटी नमुद करण्यात आले आहे
की, वरील कार्य आयोजनाची अंमलबजावणी वनविभागाच्या छत्राखाली करण्यात यावी.
तसेच गावासाठी व अधिकृत केलेल्या क्षेत्राचा वरील कार्य आयोजनेच्या संदर्भाने
वनविभागसाठी केलेल्या कार्य आयोजनेमध्ये आवश्यक ते बदल करण्यात यावे.

हया शासन निर्णयातील तरतुदीप्रमाणे काही वनवृत्तांत ग्रामीणांच्या
सहभागातून वनव्यवस्थापन कार्य आयोजना तयार झाल्या आहेत व तयार होत
आहेत.

वरील स्थिती लक्षात घेउन संयुक्त व्यवस्थापन कार्यक्रम (जे.एफ.एम.) कार्य आयोजना पुनरिक्षणाचे वेळी, कार्य आयोजनेत समाविष्ट करण्याचे दृष्टीने कार्य आयोजना अधिकारी यांना खालीलप्रमाणे मार्गदर्शक सुचना देण्यात येत आहेत.

1. वनविभागाच्या कार्य आयोजना पुनरिक्षणाचे वेळी कार्य आयोजनेत संयुक्त वनव्यवस्थापनासाठी (जे.एफ.एम.) स्वतंत्र प्रकरण देण्यात यावे. परिशिष्टात वर नमुद संदर्भ-1 चे केंद्र शासनाचे मार्गदर्शक सुचना व पत्र व संदर्भ-2 चा महाराष्ट्र शासन निर्णय देण्यात यावा.
2. संदर्भीय शासन निर्णयातील तरतुदीप्रमाणे क्षेत्रनिवडीचं निष्कर्ष लक्षात घेउन संबंधीत उपवनसंरक्षक/ वनसंरक्षक यांचे सल्लामसलतीने संयुक्त व्यवस्थापन (जे.एफ.एम.) साठी संभवित क्षेत्र तात्पुरते निवड ण म्हणुन दर्शविण्यात यावे, जेणे करुन क्षेत्रिय उपवनसंरक्षकांना संयुक्त वनव्यवस्थापनासाठी क्षेत्र निवड करण्यासाठी ही माहिती सहाय्यभुत ठरेल. अर्थात हया क्षेत्राचा वनविभागाच्या कार्य आयोजनेत समावेश करावयाचा आहेत व त्यासाठी नेहमीच्या पद्धतीने उपचार, कुप पाडण इ. तपशिल राहीलच. जेव्हा संयुक्त व्यवस्थापना योजना अमलात येईल त्यावेळी वनविभागाच्या कार्य आयोजनेतील अशा क्षेत्रासाठीची उपचार पद्धती प्रलंबीत राहील व यासाठी केंद्र शासनाची मान्यता आहे असे गृहीत धरण्यात येईल.
3. संयुक्त व्यवस्थापना योजना काही क्षेत्रासाठी तयार असतील किंवा अमलबजावणी चालु असेल अशा क्षेत्राची माहिती संबंधीत क्षेत्रिय उपवनसंरक्षककाडुन प्राप्त करुन त्याचा तपशिल व ठळक वैशिष्ट्ये देण्यात यावीत. अशा क्षेत्रासाठी उपचार पद्धती वनविभागाच्या कार्य आयोजनेत देण्याची आवश्यकता नाही.
4. यदाकदाचित कोणत्याही कारणास्तव संयुक्त व्यवस्थापन योजना ज्या क्षेत्रासाठी कार्यान्वयीत होउ शकली नाही तर अशा क्षेत्रासाठीच्या वनविभागाच्या कार्य आयोजनेतील उपचारांच्या तरतुदीप्रमाणे कुपाची कामे इ. करण्यात येईल.

मुख्य वनसंरक्षक

(उत्पादन)

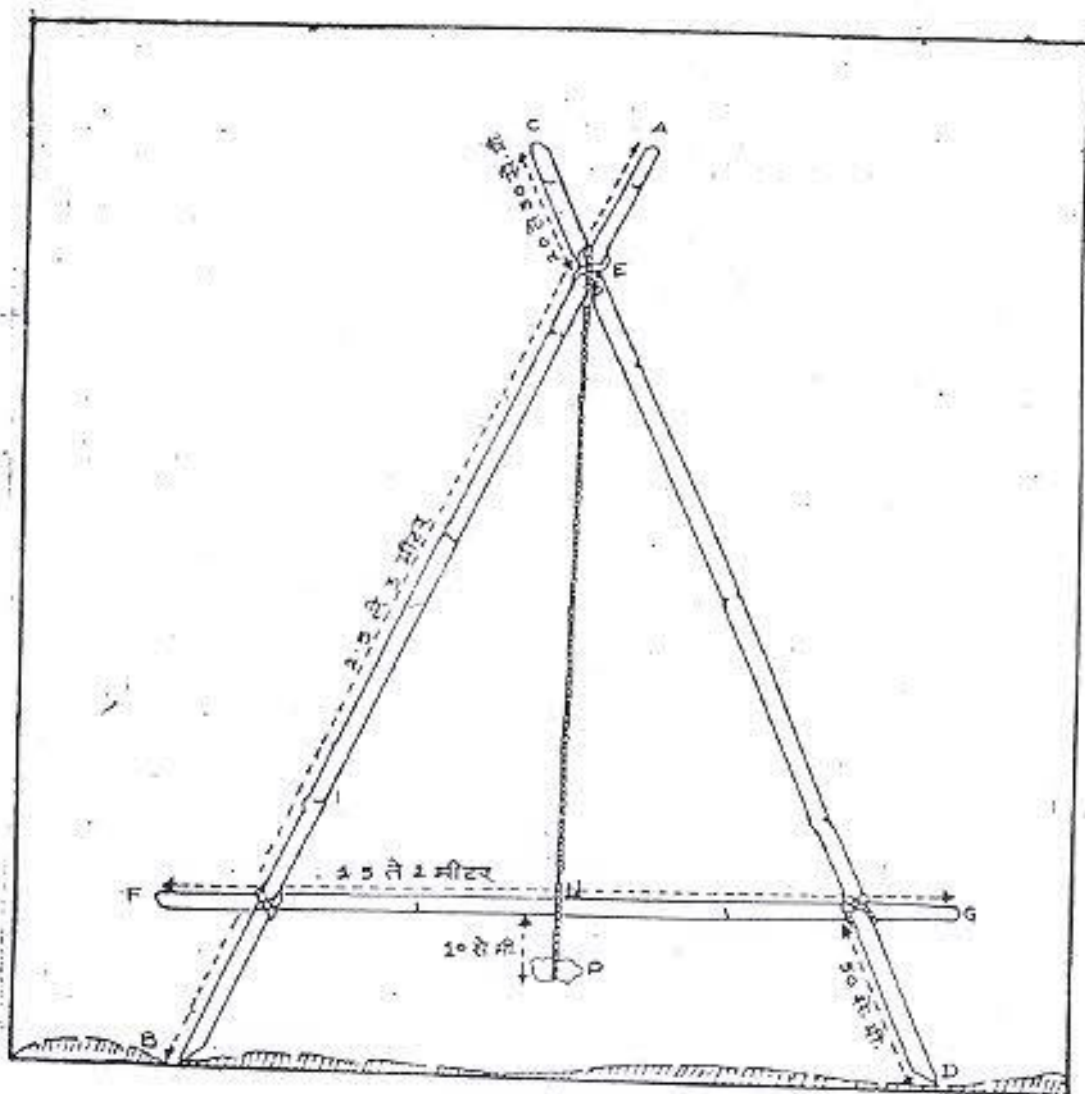
महाराष्ट्र राज्य,

नागपुर.

APPENDIX NO. - LIII

(Vide Para - 706)

DETAILS OF A - FRAME



A फ्रेम

उताराच्या जमिनीची समपातळी ठरवून बांधबंधिस्ती करण्यासाठी

A फ्रेमचा वापर

A फ्रेम तयार करण्यासाठी लागणारे साहित्य :

- १) थोडोशी लांब दोरी: २) एकचपटाखडबडीत दगड: ३) ३ बांबू
(सगळ्या मागळ ३ लांबीचे दोन व त्यापेक्षा कमी लांबीचा एक बांबू)

A फ्रेम तयार करण्याची पद्धत :

- AB व CD असे दोन (२.५ ते ३ मीटर लांबीचे) मागळ्या लांबीचे सगळ्या बांबू एकमेकांवर गुणाबाराच्या खुणेसारखे ठेवतांना A व C टोकाकडचे अंतर (२ ते ३० से.मी.) समान असावे.
- बांबूच्या तळ्याची B व D टोकांपाशीने ओलून घ्या, जेणेकरून दोन्ही पाय स्थिर राहतील.
- दोन्ही समान बांबूच्या तळ्याचे टोकांपासून ५० से.मी. इतकं अंतर मोजून खुणा करून घ्या.
- FG लहान बांबू (१.५ ते २ मीटर लांबीचा) खुणा केलेल्या जागी आडव्या ठेवा व तेथे कारवतीने खुणा करून खाचा करा.
- तिन्ही बांबूचे जोड दोरीने पक्कं बांधा व पक्कं बांधल्याची खात्री करून घ्या, जेणेकरून सांधे धमरणार नाहीत.
- A फ्रेम तयार झाल्यानंतर वरच्या मागळ्यातून १५ मध्यावर दोरी पक्कं बांधा. ही दोरी दगड बांधल्यानंतर आडव्या FG बांबूच्या १० से.मी. खालपर्यंत असावी.
- चपटाखडबडीत दगड दोरीच्या P तळ्याला बांधण्यासाठी निवडा. दगड गुळगुळीत नसावा. जरूरी वाटल्यास दगडाला त्यांचे क मरणजे दगड बांधल्यानंतर दोरीतून निघून उरू नको. दगड घट्ट बांधा.
- A फ्रेमच्या मध्यबिंदू काढण्यासाठी फ्रेमचे दोन्ही पाय जमिनीवर ठेवा. फ्रेम सरळ धरा. फ्रेमच्या दोन्ही पायाशी खुंट्या ठेव दोरी (EP) जिथे स्थिर होईल तिथे आडव्या बांबूवर खुण करा.
- आता A फ्रेम उचलून तिच्या पायांच्या जागांचे अदलाबदल करा. P दगड यावेळी दुसऱ्या ठिकाणी स्थिर होईल. तिथे खुण करा. या दोन्ही खुणांचा मध्य (N) मध्या आणि खान पाडा. हाच A फ्रेमचा मध्य बिंदू होय.

A फ्रेम वापरण्याची पद्धत :

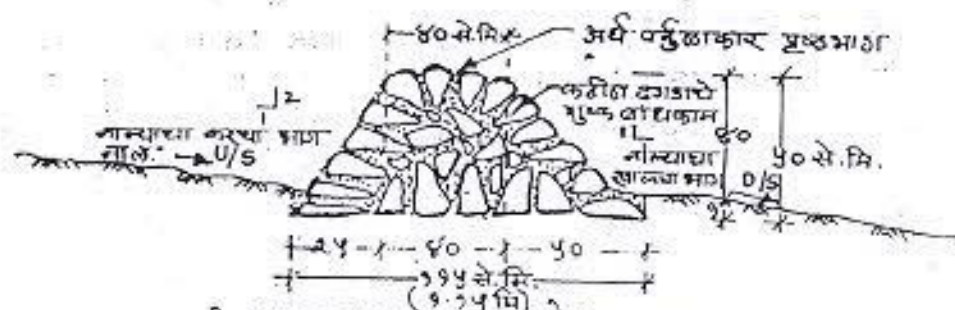
- ज्या क्षेत्रात समपातळी आणायची असेल त्या क्षेत्राच्या वरच्या भागाच्या एका टोकापासून आखण्यास सुरुवात करा.
- सर्वप्रथम A फ्रेम सरळ उभी धरून त्याच्या एका पायाच्या (B) टोकाशी खुंटो टोका. फ्रेमचा (B) हा पाय स्थिर ठेवून दुसऱ्या (D) पाय अशा रितीने वर खाली सरकव. जेणेकरून फ्रेमची (EP) दोरी आडव्या (FG) बांबूच्या मध्यबिंदूवर (N) स्थिर होईल.
- (EP) दोरी, (N) मध्यबिंदूवर स्थिर झाल्यानंतर फ्रेमच्या B ते D पायापर्यंत चुन्याने आणून घ्या.

- आता प्रेमचा दुसरा (D) पाय स्थिर ठेवून पहिला (B) पाय उचला व वळवून ठेवा. पुन्हा त्याच पध्दतीनुसार प्रेमची (EF) दोरी आडव्या (FG) बांबूच्या (N) मध्यबिंदूवर स्थिर होईपर्यंत वर किंवा खाली सरकवा.
- (EF) दोरी मध्यबिंदूवर स्थिर झाल्यावर प्रेमच्या D ते B टोकापर्यंत चुन्याने आखुन घ्या.
- अशाप्रकारे क्रमाक्रमाने प्रेमचा एक पाय स्थिर ठेवून दुसरा पाय वळवून बाजू बदलत जावे व समपातळी आखावी.
- समपातळीची आखणी करीत असतांना, नाला किंवा मोठा उंच खडक मध्ये येत असल्यास A प्रेम नाल्याच्या किंवा मोठ्या उंच खडकाच्या दुसऱ्या बाजूला न्या. सुरुवात केलेल्या आखणीच्या समपातळीत A प्रेम सरळ रेषेत ठेवून पुन्हा त्याच पध्दती आखणीला सुरुवात करा.
- पहिली समपातळी रेषेची आखणी पूर्ण झाल्यावर, उताराच्या पापाप्रमाणे दिलेल्या अंतरावर A प्रेम खाली आणा व वरील पध्दतीप्रमाणे दुसऱ्या समपातळी रेषेची आखणी करा.
- अशाप्रकारे पूर्ण क्षेत्रात समपातळी रेषेची आखणी पूर्ण करा.

APPENDIX NO. - LIII

(Vide Para - 707)

DESIGNS AND DETAILS OF NALLA BUNDS



9. ^(9.7 पुंलि) छहान प्रवाह अवरोधिक-प्रकार-9

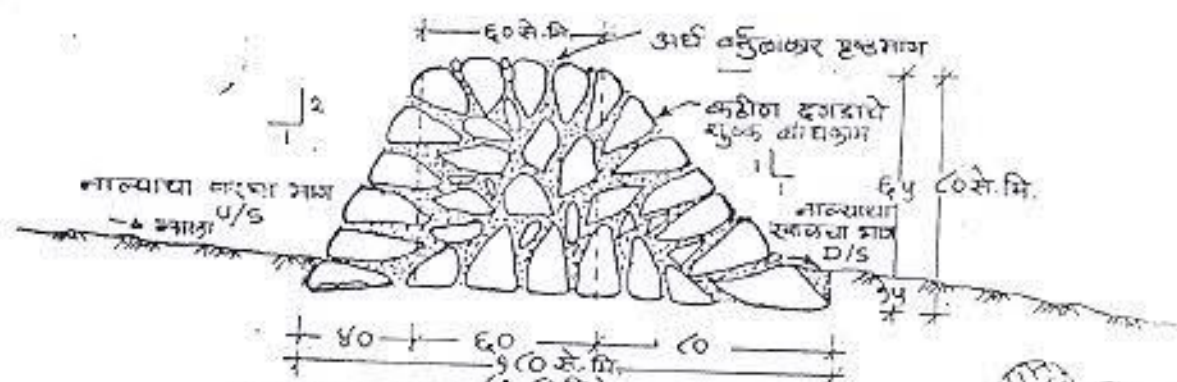
પ્રમાણ 9:20

જાસ્તીલ આસ્ત્ર લાવી - ૪ મિટર

१. समुदायि

2. शुष्क वगडी प्रवाह अवरोधक $8.00 \times 1.25 \times 0.50 = 9.44$ घा. मि.

2. $8.00 \times 1.25 \times 10 \times 0.50 = 9.99$ घ. मि.



2. मध्यम प्रवाह (अवरोधक - प्रकार - 2)

ਮੁਮਾਤ ੧:੨੦

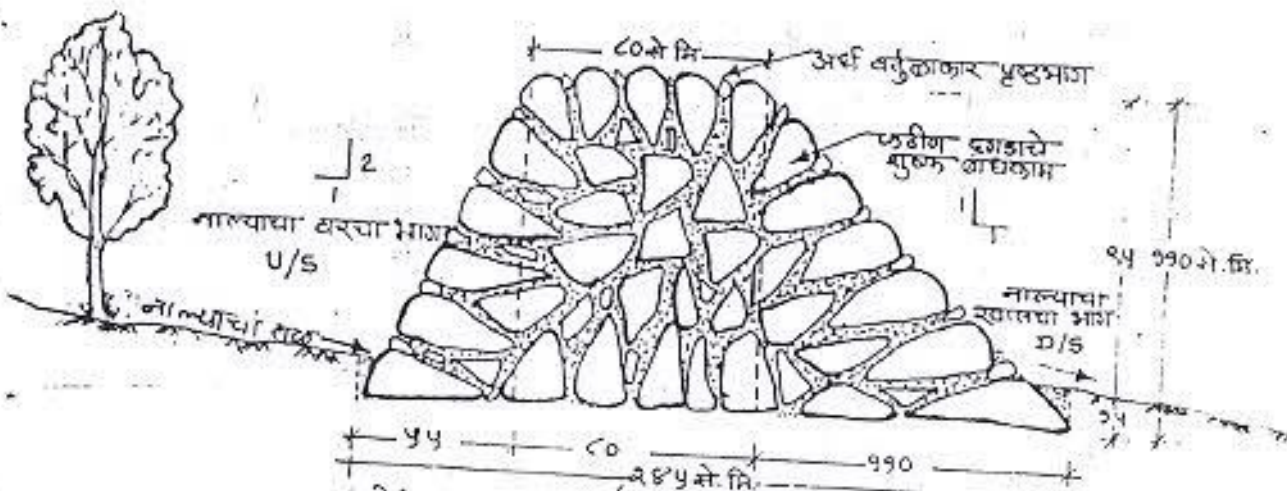
આસ્તીત જાસ્ત લાઢી - ૬ મિટર

9. रसदाई -

9. सुदहर्षि ----- ६.००x१.८०x०.१५ ----- = १.६२ घ.मि

2. मुक्ति दगाडी प्रवाह अवरोधक $6.00 \times 2.40 + 0.60 \times 0.60 = 14.64$ घ. मि.





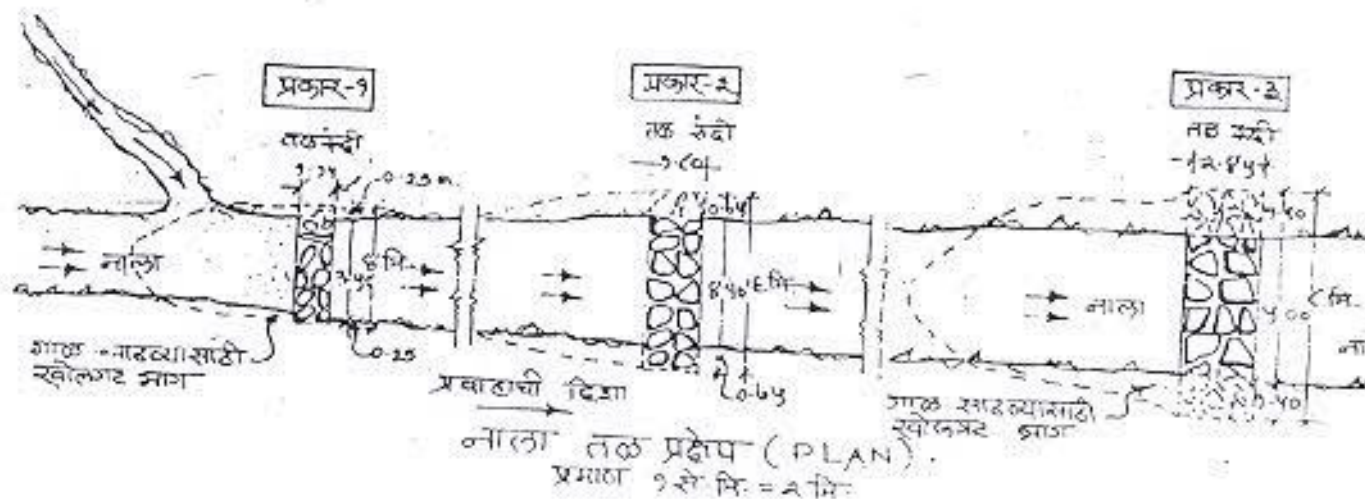
३. मोठे प्रवाह (२४५ मि.)
अवरोधक - प्रकार - ३
प्रमाण १:२०

प्रमाण ७ : २०

આસપાસ જાયત લાંબી - ૮ મિટર

9. माली, मरु मुरमातील खुदाई $6.00 \times 2.84 \times 0.94$ ----- = 2.58 घ मि
 10. शुष्क दणडी प्रवाह अवरोधक $6.00 \times 2.84 \times 0.94$ ----- = 2.58 घ मि

२. मुख्य दण्डी प्रवाह अवरोधक $\frac{6.00 \times 2.84 + 0.60}{2} \times 7.70 = 28.30$ घा. मि.



टिप्पणी व विनिर्देश (Specifications) :

१. सध्या जमिनीची मोट्या प्रमाणात धूप होत आहे. त्याच कमीत कमी प्रमाण १.८० घन मीटर प्रति हेक्टर प्रति वर्ष (२५.७३ घन फूट/एकर/वर्ष) इतके आहे. ही धूप थांबविण्यासाठी प्रवाह अवरोधक प्रस्तावित केलेले आहेत.
२. प्रवाह अवरोधक बांधवयाच्या नाल्यांना क्रमांक घ्यावेत. पहिल्या क्रमांकाच्या नाल्यावरील अवरोधकांना १/१, १/२, १/३ प्रमाणे क्रमांक घ्यावेत. दुसऱ्या क्रमांकाच्या नाल्यावरील अवरोधकांना २/१, २/२, २/३ प्रमाणे क्रमांक घ्यावेत. त्याप्रमाणे मोठ्यापुस्तकात नोंद घ्यावी. तसेच ऑईल पेंटने प्रत्येक अवरोधकास जागेवर क्रमांक द्यावेत.
३. अवरोधकाकरीता जागा निवडण्यासाठी नाल्याच्या आरंभापासून सुरुवात करावी. गाळ साठण्यासाठी जेथे खोलगट भाग असेल तो नाल्यातील जागा जास्त योग्य. लवचक, मध्यम व मोठ्या अवरोधकासाठी ५ मि., ७.५ मि., ९ मि. पर्यंत गाळ साठू शकला पाहिजे. नाल्याची रुंदी ८ मि. पेक्षा जास्त नसावी.
४. अवरोधकाचे काम चालू करताना नाल्याच्या काटकोनात खुदाई करावी. नाल्याच्या काटात दोन्ही दोरू गेली पाहिजेत.
५. नाल्याच्या पात्रातील आजू बाजूचे मोठे दगड (डब) निवडून घ्यावेत. ओबडधोबड आकार असल्यास सुतकीने फोडून घ्यावेत. ठिसूळ किंवा गोळ दगड वापरू नयेत. प्रत्येक दगड शक्यतो १५ से.मि. x १५ से.मि. पेक्षा जास्त आकाराचा व ३० से.मि. पेक्षा जास्त लांबीचा असावा.
६. साठविलेल्या दगडातील सर्वात मोठ्या आकारमानाचे दगड पायात घट्ट बसवावेत. त्यासाठी चिपांचा/लोक दगडाचा वापर करावा.
७. वरील बांधकामासाठी नाल्याच्या वरील बाजूस २ भाग उर्वरत १ भाग समपातळी असा उतार व नाल्याच्या खालच्या बाजूस १:१ असा उतार द्यावा. प्रत्येक दगड ३ पांचा काटकोनात पक्का बसला पाहिजे.
८. अवरोधकाच्या मधील बांधकामासाठी हो गडगाळा उपयोग करावा. चिपा लावून सर्व दगड बैठकीवर उडव करून बसविले पाहिजेत. सांध्याची जाडी २.५ से.मि. पेक्षा जास्त नसावी.
९. अवरोधकाच्या सर्वात वरचे बांधकाम पूर्ती केल्याप्रमाणे उभे दगड रोऊन अर्धवर्तुळाकार करावे. पृष्ठभागाचे दगड चिपांनी घट्ट बसवावेत. यामुळे पूर आल्या तरी अवरोधकाचे दगड वाहून जाणार नाहीत.
१०. जास्त बांधकामाची माहिती आहे. अशा बांधकामाचे प्रत्यक्ष बांधकाम करण्यास सांगावे. त्याची सुतकीने वापर करावा.
११. अवरोधकाचा एक दगड जरा सल रोहला तर अवरोधक वाहून जाण्याची शक्यता आहे. तेव्हा प्रत्यक्ष बांधकाम करताना सर्वतोपरी काळजी घ्यावी.
१२. मजुरांना नाल्याच्या वरच्या बाजूस १ फूट उंचीस ६ इंच व खालच्या बाजूस १ फूट उंचीस १ फूट असा अवरोधकाम उतार द्यावयाचा आहे. हे बांधकाम समजावून घ्यावे म्हणजे यात चुक होणार नाही.

प्रवाह अवरोधक (DRY CHECK DAMS)

वन अभियंता कार्यालय, म.रा. नागपूर.

प्रमाण : वरीलप्रमाणे
नकाशा नं. : वअ/ १९३
तारीख : २२-१-९३

रेखांकन : मा.वि. आकार

तपासणीस : शि.स. माने
म.अ.म.ग.ना.

शि.स. माने
वन अभियंता
म.रा. नागपूर

APPENDIX NO. - LIV

(Vide Para - 713)

GRAZING RULES FOR THE MAHARASHTRA STATE.

GOVERNMENT OF MAHARASHTRA

Revenue and Forests Department

Resolution No. MFP-1371/237035-Z

Sachivalaya, Bombay-400 1032, 3rd November, 1973.

READ :

(i) Government Resolution, Revenue and Forests Department, No. MFP-1365/132211-Y, dated 6th December 1968.

(ii) Letter No. D/GRS/47(70-71)/5010 of 71-72, dated 17th November, 1971 from the Chief Conservator of Forests, Maharashtra State, Poona.

RESOLUTION : In order to remove the disparity in regard to the procedure of cattle grazing with forest in the various regions of the State, a uniform grazing policy was evolved as laid down in Government Resolution referred to in the preamble. The grazing settlement work has been completed in some districts and the same is in progress in other districts. On completion of the work pertaining to the grazing settlement it would be necessary to have uniform procedure in regard to grazing. Government is accordingly pleased to prescribe accompaniment to this Resolution. The various forms which are to be used in connection with grazing are also appended to this Resolution.

2. The Director of Publicity should be requested to give wide publicity to the rules by issuing suitable press note.

By order and in the name of the Governor of Maharashtra,

Sd/- D.V. DAMLE,

Under Secretary to the Government of Maharashtra,
Revenue and Forests Department.

Accompaniment :- Grazing Rules and Forms.

To,

The Chief Conservator of Forests, Maharashtra State, Poona.

All Conservators,

All Divisional Forest Officers and Sub-Divisional Forest

Officers in charge of independent sub-divisions.

All Commissioners.

All Collectors,

The Dairy Development Commissioner, Bombay.

The Director of Animal Husbandry, Poona.

The Director of Agriculture, Poona.

All other Heads of Departments,

The Accountant General, Maharashtra II, Nagpur.

The General Administration Department.

The Accountant General, Maharashtra I, Bombay.

The Agriculture and Cooperation Department.

The Rural Development Department,

All Other Secretariat Departments,

The Director of Publicity with a request to issue suitable Press note.

The 'R' Branch of Revenue and Forests Department,

All other Branches of Revenue and Forests Department,

The Personal Assistant to Minister (Forests)

The Personal Assistant to Deputy Minister (Forests),

The Personal Assistant to Minister for State (Forests).

No. of 1973

Copy forwarded for information and guidance to -

**ACCOMPANIMENTS TO GOVERNMENT RESOLUTION,
REVENUE AND FORESTS DEPARTMENT NO. MFP-1371/237035-Z, DATED
THE 3rd NOVEMBER, 1973.**

GRAZING RULES FOR THE MAHARASHTRA STATE.

GRAZING LICENCES

1. **GRAZING POLICY :** Grazing Policy for the Maharashtra State is laid down in Government Resolution No.MFP-1365/132211-Y, dated 6th December 1968, given in Appendix -A.

2. **GRAZING DIVISION AND GRAZING UNITS :** Each Forest Division shall be a grazing Division. It shall be divided into grazing units under the order of the Chief Conservator of Forests, Maharashtra State, Poona.

3. **VALIDITY AND DURATION OF LICENCES :** Grazing licences shall be valid for the grazing unit only, and shall cover a period not exceeding one forest year. All licences shall lapse on the last day, i.e. the 30th June of the Forest year for which they are issued.

Note : In exceptional circumstances the Divisional Forest Officer may permit cattle for which a pass has been taken for one unit to graze in another on the same licence without a fresh fee.

4. **LICENCES TO WHOM GIVEN AND FOR WHAT AREAS AVAILABLE**

(i) All grazing in the forest (whether free or otherwise) should be on passes granted by the Forest Department. Grazing licences at prescribed rates will be issued to excess cattle of cultivator family and others and may be taken out for any grazing unit in a grazing division provided there is room in the grazing unit.

Note : The issue of licence is subject to such definite allotment of villages to particular grazing unit, to such limitation on the number of cattle to be grazed in any such unit as may have been ordered by Government after special enquiry, and also to such closure to grazing as may be enforced in accordance with the prescriptions of sanctioned Working Plans.

ii) Grazing licences for free grazing of cattle of cultivator family and others will be issued during the period from 15th June to 31st July only. From August 1st no grazing licence for free grazing will be issued, licence

prescribed rates only then be available and they will be issued by Forest Officers and Range Forest Officers.

Provided that if the issue of licences for free grazing cannot be completed by the end of July, and the Divisional Forest Officer is satisfied that there is good and sufficient reason, he may extend the period of issue to a date not later than August 20th. This power is to be exercised only in exceptional cases.

(iii) A grazing licence may be refused over a period of one year to any individual who has been guilty of persistent illicit grazing, on the order of the Conservator of Forests. Grazing licences may be refused over a like period in the case of communities whose members have been guilty of persistent illicit grazing, on the order of the Government.

5. The Divisional Forest Officer may from time to time, fix and alter sites for cattle camps in the forests. While fixing the sites the suggestions made by Grazing Settlement Officer will be taken into account. If such a site has been fixed in any forest, licensee, wishing to keep their cattle in such camps, shall utilize the site selected.

6. **CATTLE UNITS :** The cattle units should be computed as follows :

(a)	Adult buffalo	***	2 units.
(b)	Adult cow, bull or bullock	***	1 unit.
(c)	Buffalo calf under three years of age at the commencement of the grazing year.	***	1 unit.
(d)	Cow calf	***	1/2 unit.

7. **GRAZING CONCESSIONS AND RATES OF GRAZING FEE :**

Grazing units should be formed wherein specified number of animals should be permitted to graze.

Essential cattle, subject to a maximum of two plough units per cultivator family should be allowed free grazing in forests. Plough unit shall mean four cattle units computed in accordance with rule 6 above.

8. **GRAZING FEES :** Essential cattle exceeding the aforesaid limit for free grazing and all non-essential cattle should be charged grazing fees at the following rates :

(a)	Adult buffalo	Fees per annum	Rs. 2/-
(b)	Adult cow, bull or bullock	-do-	Rs. 1/-
(c)	Buffalo calf (less than 3 years but more than 6 months old.)	-do-	Rs. 1/-
(d)	Cow calf (less than 3 years but more than 6 months old)	-do-	Rs. 0.50

Calves upto the age of 6 months should be exempted from the payment of grazing fees.

CONDITION AS TO OWNERSHIP WHEN FREE AND ORDINARY RATES ARE ALLOWED :

In all cases the concession of grazing cattle free is subject to the condition that the animals to be so grazed are actually owned by the cultivator family.

10. **CERTIFICATE TO BE OBTAINED FROM PATWARI :** Any person who wished to obtain a licence for free grazing must obtain a certificate from the Patwari, Talathi, Gramsevak as provided for in rule 18.

11. **ADMISSION OF BUFFALOES AT FREE RATES :** Buffaloes may be included in the number of animals allowed by rule 7 to be grazed free on to the condition that the bulls, bullocks and cows owned by the cultivator family concerned shall be counted first against that number.

12. **ORDINARY RATES :** For all cattle, other than those admissible for free grazing, licences shall be taken out at prescribed rates but no cattle owner is required to take out a licence for more than the actual number of cattle he desires to graze in Government forests.

If a cattle owner wishes to graze his cattle in different herds, he shall be given separate licences for each herd. The licence issuer should not compel cattle owners to obtain licences for all the cattle owned by them as shown in the columns 4,5,6,7,8 and 9 of Patwari certificate but should as soon as possible after the last August, report to the Range Officer the name of any person who takes out a pass for smaller number than the total owned.

13. **CALVES :** Calves less than six months old on 1st July of the grazing year may graze free when accompanying other cattle which are being grazed under licence.
14. **FREE TRANSIT WITHIN GRAZING DIVISION :** Except in the case mentioned in the rule next following holders of licences are allowed a reasonable time for the passage of their cattle, free of charge, through every unit within the grazing division in which the owner resides, which they are obliged to traverse in order to reach that for which they have taken out grazing licences.

Note : No transit pass, as described below, is required for cattle subject to this rule.

15. **TRANSIT :** A transit pass is required to be taken out for all cattle proceeding to graze in a Government Forests outside the grazing division in which their owner resides, if on the way there, they are obliged to pass through Government forest and if owner has not previously taken out a licence for the grazing division to which he is proceeding. If he has taken out a licence before proceeding to the selected unit with his cattle the licence can be produced as authority for passing through Government Forest in lieu of a transit pass.

Note 1 : All cattle proceeding to graze in a Government forest outside the grazing division in which their owner resides, are charged for at prescribed rates (See rule 8). If the owner has not previously taken out a licence for the grazing division to which he is proceeding, he must do as soon as the cattle reach the grazing division in which they are to be grazed.

Note 2 : When a cultivator (family who has not taken out a grazing licence) wishes to graze his cattle in areas, other than Government forest while to reach such areas he is obliged to pass through Government forest he may be allowed transit passes at the discretion of the Divisional Forest Officer. In these cases the transit passes shall not be issued by licenced vendors but by Range Officers, and only on the definite order of the Divisional Forest Officer.

16. **ISSUE OF TRANSIT PASSES :** Transit passes shall be issued in the form of Appendix-C and at the rate of ten paise per animal for a period not exceeding one month, excluding calves (vide rule 13), and shall be subject to the condition that the cattle covered by the pass shall not stay more than

a waiting fee of 10 Paise for such copy. The word 'Duplicate' should be written across the copy by the Patwari/Talathi/Gram Sevak.

21. **NEW SETTLERS :** If a new settler wishes to obtain a certificate, the Patwari/Talathi/Gram Sevak shall prepare one for him after satisfying himself that he has taken up land for agricultural purposes. This certificate shall not be valid unless endorsed by the Revenue Inspector to the effect that the person to whom the certificate is given is a bonafide cultivator.

22. **PATWARI/TALATHI/GRAM SEVAK CERTIFICATE :** See Appendix No. E.

These certificate books shall be written by the Patwari/Talathi/Gram Sevak between 1st to 31st May. The Patwari/Talathi/Gram Sevak shall sign and date each certificate.

Part I of the certificate shall be retained in the certificate book by the Patwari/Talathi/Gram Sevak. Part II and III shall be given to the cultivator (families), and shall be presented by him to the licence vendor when he applies for a licence.

23. **CERTIFICATE HOLDERS ENTITLED TO LICENCE FOR FREE GRAZING :** Subject to the provisions of rule 4 a cultivator (family) personally producing his certificate to a licence Vendor, shall be entitled to obtain a licence for free grazing and at prescribed rates for such animals as are admissible under these rules.

Note : If the applicant is unable to appear in person, he should endorse the certificate, stating the number and kind of animal he wishes to graze.

24. **LICENCES TO BE ISSUED BY FOREST LICENCE VENDORS :**

Licences will be issued in the form given in Appendix-E, they will be issued by Licence Vendors persons authorised to issue licence from 15th June to 31st July (or such later date as the Divisional Forest Officer may order under the provision to rule 4(ii); after this date they will be issued only by Range Officers and Round officers.

25. **HOW LICENCE VENDORS ARE TO DEAL WITH CERTIFICATE :**

The licence vendor shall sign and date both parts of each certificate presented to him by the cultivator, before he issues a licence for free grazing and shall attach part III of the certificate to the part of the licence

a reasonable time in each grazing unit through which they are obliged to pass, and while passing through any such unit shall be halted only at recognized forest paraos, at any one of which they shall not ordinarily halt for more than two nights.

Transit passes (other than annual transit passes, vide rule 18) are valid only for the journey specified on the pass and must be given up on reaching destination.

Note: Should the journey occupy more than one month, a further monthly fee must be paid.

17. No transit pass shall be required for animals accompanying ordinary travellers, including cartmen.

18. **TRANSIT PASSES FOR PROFESSIONAL CARRIERS AND CATTLE DEALERS :** Professional carriers and cattle dealers, such as Banjara, Hasdava, Kathewaris, Thelaris and Gawalis are allowed to take out transit passes under the conditions, detailed in rule 16, when journeying through Government forest. But person of this description, if they prefer, may take out annual transit passes in the form given in Appendix-D on payment of Rs. 2/- per buffalo, Rs. 1/- per bull, bullock, cow, horse or pony. Such annual passes, in addition to being transit passes, shall cover the grazing of the animals entered there in any one grazing unit while the pass holders are resident at their homes during the rainy season. The name and situation of such unit shall be specified on the pass.

II. PROCEDURE FOR GRANT OF LICENCES :

19. **CERTIFICATES TO BE ISSUED BY PATWARIS/TALATHIS/GRAM SEVAKS TO APPLICANTS ENTITLED TO GRAZE THEIR CATTLE FREE :** The Patwari/Talathis/Gram Sevaks shall issue the certificate on demand to all cultivator families within his jurisdiction, subject to any orders passed under Sub-Rule(ii) of rule 4 in the prescribed form in Rule 22 and he shall be entitled to charge a waiting fee of 5 Paise per certificate. Certificates may be obtained from the Patwari/Talathis/Gram Sevak at any time from 1st to 31st May. The Patwaris/Talathis/Gram Sevaks will not issue any certificate for the ensuing grazing year after 31st May.
20. In case of loss of a certificate, a duplicate copy can be obtained from the Patwaris/Talathis/Gram Sevaks concerned who shall be entitled to charge

from that remains in his possession. Part II of the certificate shall be returned to the cultivator concerned.

26. INFORMATION TO BE SUPPLIED TO LICENCE VENDORS :

Licence vendors shall be supplied with a list showing the allotment of villages to particular units in their own grazing divisions and the limits fixed as regards the numbers of cattle to be grazed in particular unit, where any such allotment, or limitation has been ordered by the Government.

27. LOST GRAZING LICENCES : Licence holders can obtain copies of lost grazing licences by purchasing a 50 paise rated pass or remitting the amount in the treasury per copy from the Commission Vendor, and presenting it to the Range Forest Officer with an application. The latter will issue a copy of the lost licence.

III. CHECK OF CERTIFICATES AND LICENCES :

28. CHECK OF CERTIFICATE BY REVENUE INSPECTORS : The Revenue Inspector/shall check the entries in Part of the certificate book but shall in no case call cultivators away from their villages for this purpose. Ordinarily the Revenue Inspector shall check at least 50% of the entries in column 3 to 9 with the aid of the latest Titamma milan Khasra or village Form No. - 15, but the Collector may, in consultation with the Divisional Forest Officer reduce the standard wherever advisable.

29. CHECK OF CERTIFICATES BY THE SUPERINTENDENT OF LAND RECORDS : The Superintendent of Land Records and his Assistant shall make it a point of touring during June and July and checking as such as possible of the work of Patwaris/Talathis/Gram Sevaks and Revenue Inspectors under these rules.

30. CERTIFICATE BOOKS AFTER CHECK TO BE SENT TO THE DIVISIONAL FOREST OFFICER : On the 1st August the Patwari/Talathi/Gram Sevak shall send Part I of the certificate book to the Revenue Inspector who shall, there upon, forward it to the Divisional Forest Officer for comparison with part III (see rule 31). Should the Divisional Forest Officer find any discrepancies between Part I and Part III he shall report to the Collector for necessary action.

31. LICENCE VENDORS TO FORWARD COUNTERFOILS TO THE DIVISIONAL FOREST OFFICER : The licence Vendors shall forward to

by the Divisional Forest Officer the counterfoils of the licences issued by them with Part III of the certificates attached vide rule 25.

CERTIFICATE AND LICENCES TO BE PRODUCED ON DEMAND :

The Range Forest Officer or any Forest official authorised by him may call on the Patwari/Talathi/Gram Sevak or cultivator to show him the Parts of the certificates, licences and transit passes in his possession.

BY FOREST DEPARTMENT : The Divisional Forest Officer or Range Officer when touring through a Patwari's/Talathi's/Gram Sevak's circle may call on the Patwari to produce the Titamma milan Khasara or the village Form No. - 15 for the purposes of check, but patwari's shall on no account be called away from their circles for this purpose.

IV. INSTRUCTIONS FOR THE COLLECTION AND REMITTANCE OF GRAZING REVENUE :

34. Grazing revenue shall be collected in cash paid for grazing licences. The agency employed for issuing grazing licences for cattle grazing in Government Forests will mainly be the same as that employed for sale of rated passes for forest produce. Commission Vendor shall ordinarily be paid a commission of 10 paise for each rupee of grazing revenue collected by them provided that the Conservator of Forests may, for reasons to be recorded in writing, fix the rate of discount to a figure not exceeding 30 Paise in a rupee. Such sanction shall hold good for a period of not more than 12 months at a time from the date of its grant and shall be subject to revision each year. The grazing year for which licences shall be valid shall commence on the 1st July and end of the 30th June.

Note : Whenever possible Gram Panchayat will be appointed as Vendor.

35. The officer shall by the end of April every year, report to the Divisional Forest Officer whether the number of Commission Vendors in his range is adequate, and whether all the vendors are efficient enough to carry on the work of issuing grazing licences if he requires any additional vendors from the permanent forest establishment. The Divisional Forest Officer shall then proceed on the recommendation of the Range Officer to appoint a licence issuer either a Commission Vendor or Round Officer, for each grazing unit.

36. Each grazing unit and the villages served by it shall constitute a Grazing Circle. For each such circle a headquarter shall be fixed where the licence vendor shall ordinarily reside. Each circle shall further be sub-divided into a convenient number of Sub-Circles and a centrally situated village shall be fixed for each sub-circle at which licence shall be issued for the sub-circle. Such Sub-Division shall be approved by the Divisional Forest Officer and shall remain in force until altered by a special order of that officer, who shall also fix the dates for the issue of licences at the headquarter of each sub-circle shall be formed to prevent any owner of cattle from having to go more than 6 km. for his licence. A list of such dates shall be published by 15th May in all the villages concerned through the Patwaris and village Kotwals. Three to four days should ordinarily be allotted for the issue of licence for each Sub-Circle. Commencing from the 15th June the licence issuer shall visit each sub-circle headquarter in turn and issue at each sub-circle the licences for the villages allotted to the sub-circle. During at least the last week of July he shall be present at the headquarter of the circle for the issue of licences for the whole circle.
37. Every licence issuer shall be personally responsible for all forest revenue collected by him. No licence issuer shall, without special reason to be reported in writing with his next remittance, retain a cash balance on account of forest revenue exceeding the amount of security furnished by him.
38. The Range Officer shall arrange to have all grazing revenue collected by licence issuers in his range remitted into the treasury or sub-treasury promptly. For this purpose he should arrange to have the money brought to him by members of the forest staff who have furnished adequate security. The Range Officer will remit the revenue from time to time to the treasury under a treasury challan, as in the case of other forest revenue.
39. Grazing licence book shall be kept under lock and key in the custody of the licence clerk in Divisional Forest Officer or his Gazetted Assistant. The Divisional Forest Officer or his Gazetted Assistant must, however, check the stock himself before the grazing licence books are issued to the range officer in the middle of May and again immediately after all the unused and partly used grazing licence books are returned to the Divisional Forest Officer as prescribed in rule 47.

Each grazing licence form shall bear a rubber stamp impression showing the year and the name of the Division for which it is valid. Before making a Range Office inspection the Divisional Forest Officer shall obtain from his stock register, an abstract of the grazing licence books issued to the Range and check this carefully with the Range stock Register and verify the entries in that register.

40. During the time of issue of grazing licences the Range Officer and his Round officers should constantly tour in their respective charges, paying surprise visits to issuing stations as often as possible and checking the work. Such tours will enable the Range Officer and Round Officers to hear and promptly redress cattle owner's grievances and also to detect and prevent corruption and will facilitate the safe transmission of grazing revenue as provided above.

41. The licence issuer shall maintain a separate grazing cash book (Form IX-A-27), in which he shall enter all grazing licences issued by him. This form shall be filled in daily and the totals of different column entered daily. Separate forms shall be used for different units, if the same licence issuer issues licences for more than one unit.

42. As soon as possible after the 1st August, the Range Officer should check the grazing book of each of his licence issuer with the licences issued by him and tally the amount of revenue recovered with the treasury challans. This check should be very elaborate. Each licence should be checked with the patwari certificates also with the entry in the grazing cash book. The rates should also be checked. An abstract of the total number of cattle for which licences have been issued should be prepared showing by Range and unit by unit, the figures compared with those of the previous year and all fluctuations explained. Those abstracts should be submitted to the Divisional Forest Officer by the end of August, at the latest.

After the check is completed the Range Officer should recover all counterfoils of used licence books, all unused and partially used books and the grazing cash book and deposit them in his office until they are sent to the divisional officer as prescribed in rule 47.

43. After the 31st July, the Range Officer shall arrange for the check of the cattle in the forest by the Round Officers and if necessary, senior literate Forest Guards. The check should be completed by the middle of

September, at the latest. The Range Officer should also furnish each checking officer with a list of cattle owners who obtained licences for a smaller number of cattle than that owned by them. He should closely participate in the work of checking.

44. The Divisional Forest Officer may temporarily transfer special duty staff from charges during the period of checking set out in rule 43.
45. The checking officer, should check the number of cattle actually grazing in the forests with the number entered in the licence, verify the entries in the licence with those in the Patwari/Talathi/Gram Sevak certificate and check the rates of grazing duty recovered. In the case of cattle not covered by licences, he should submit the usual offence report to the Range Officer and should also report any discrepancies in the licences. In token of having checked the cattle he should sign and date both the second and third parts of the licences produced by the graziers, noting there on any discrepancies discovered, and take away with him the third part of the licence, returning the second part and the Patwari/Talathi/Gram Sevak certificate to the grazer. The percentage of checking of grazing licences and collection of the third parts in the forests should at least be 75 per cent.
46. If a grazer is in charge of cattle of more than one owner, it is not sufficient to check the total number of cattle found grazing with the total number entered in all the licences taken together. The grazer should be made to state the number of cattle of each owner found grazing that day and each such number actually grazing is in excess of that entered in the licence of an owner, the excess number should be created as not covered by licence, though the total number in the herd may tally with or is found to be even less than the total entered in all the licences taken together.
47. The checking officer shall prepare a list of all the third part of licence recovered by him and send the list, together with the third parts, to the Range Officer immediately. On receipt of the third parts in the Range Office, the Range Clerk should paste each of them on the corresponding counterfoil and check at least 50 per cent, of such counterfoils, bringing any discrepancies or irregularities discovered by him during the course of check to the notice of the Range Officer. The checking and pasting of the counterfoils should be completed by the Range Clerk at the latest by the end of November. While the Range Clerk is checking and pasting the third

parts, the Range Officer should scrutinize his work by checking at least 5 per cent of the third part of the licence himself.

When all the third parts of licences recovered have been checked and pasted and not later than the 31st December in any case, the counterfoils of grazing licence books together with all the unused and partially used books shall be sent to the Division Office for further checking.

At least 50 percent of the counterfoils should be checked in the Divisional Office by the clerk concerned and 5 per cent, by a Gazetted Officer.

Before these are submitted, a limited number of licence books will be sent to the Range Officers and Round Officers for the issue of licences during the remainder of the year. All such books, whether used or unused, will again be returned to the Division Office after receipt in Range Offices of the new stock of books in May. It is essential that on receipt in the Division Office all books, whether used or unused, should be checked with the stock register to ensure that none have been kept back by the Range Officer.

APPENDIX NO - LV
(Vide para - 10.11.5.)
PROFORMA FOR THE SUBMISSION OF DEVIATION
PROPOSALS

Division	W.C. Appendix No.	Felling Series	Coupe No.	Area ha.	Comptt. No.
1	2	3	4	5	6
Nature of operatio ns prescribe d in working plan	Year prescribed in working plan for operations	Actual year of operation	Desigenati on of inspecting officer	Reasons for deviation	
7	8	9	10	11	

APPENDIX NO. LVI
(Vide Para No.15.34.1)
STATEMENT SHOWING THE LIST OF BUILDING OF CHANDRAPUR FOREST DIVISION.

Kind of Building	Place	Year of Construction	Cost in Rs.	Remarks
2	3	4	5	6
A : Rest Houses and Log & Inspection Huts	*	*	*	*
1. Chandrapur	*	*	*	*
Forest Rest House	Chandrapur	-	-	4 suits
Forest Rest House	Chandrapur	-	-	2 suits
Log Hut	Chandrapur	-	-	2 suits
Inspection Hut	Chandrapur	1973-74		Type I
2. Warora	*	*	*	*
Forest Rest House	Tembhurda	1934-35	-	Taken over from Police Deptt.
Inspection Hut	Shegaon	-	-	
Inspection Hut	Bhadravati	-	-	
Inspection Hut	Ramtalodhi	-	-	
3. Moharli	*	*	*	*
Forest Rest House	Moharli	1908-09	-	Inruinous state.
4. Kolsa	*	*	*	*
Forest Rest House	Karwa	1953-54	-	
Inspection Hut	Pangdi	-	-	Indemolated condition
5. Mul	*	*	*	*
Forest Rest House	Chichpalli	-		Taken over from P.W.D.on

				4.11.27
Inspection Hut	Chichpalli	-	-	
Inspection Hut	Mul	-	-	Very very old Not existing
Inspection Hut	Kelzar	-	-	
Residence of Conservator Of Forests North Chandrapur	Chandrapur	1965-66	70972	Type VI
Residence of Dy.Conservator Of Forests Forests Chandrapur	Chandrapur			Type V
R/O Dy.Conservator Of Forests	-"-			Type V/A-I
R/O Dy.Conservator Of Forests	-"-			Type V/A-II
R/O Dy.Conservator Of Forests	-"-			Type V
R/O Dy.Conservator Of Forests	-"-			Type IV
Dormitory Of Deputy Conservator Of Forests	-"-			
D/o.Divisional Forest Officer	-"-			
D/o.Assistant Conservator Of Forests	-"-			
D/o. Assistant Conservator Of Forests	-"-			
D/o. Assistant Conservator Of Forests	-"-			
D/o. Assistant Conservator Of Forests	-"-			
D/o. Assistant Conservator Of Forests	-"-			
D/o. Assistant Conservator Of Forests	-"-			
Assisant Conservator Of Forests	-"-			Type III
R/o. Accountant	-"-			Type III
R/o. Junior Engineer	-"-			Type III
R/o. Accountant	-"-			Type III

R/o. Senior Typist	_''_			Type III
R/o. Accountant	_''_			Type III
R/o. Senior Typist	_''_			Type III
R/o. Clerk	_''_			Type II
R/o. Clerk	_''_			Type II
R/o. Accountant	_''_			Type II
R/o. Clerk	_''_			Type II
R/o. Clerk	_''_			Type II
R/o. Accountat	_''_			Type II
R/o. Clerk	_''_			Type II
R/o. Clerk	Chandrapur			Type II
R/o. Clerk	_''_			Type II
R/o. Accountant	_''_			Type II
R/o. Clerk	_''_			Type II
R/o. Accountant	_''_			Type II
R/o. Typist	_''_			Type II
R/o. Accountant	_''_			Type II
R/o. Accountant	_''_			Type II
R/o. Driver	_''_			Type II
R/o. Driver	_''_			Type II
R/o. Clerk	_''_			Type II
R/o. Clerk	_''_			Type II
R/o. Clerk	_''_			Type II

R/o. Surveyor	-''-			Type II
R/o. Clerk	-''-			Type II
R/o. Surveyor	-''-			Type II
R/o. Tracer	-''-			Type II
R/o. Draftsman	-''-			Type II
R/o. Driver	-''-			Type I
R/o. Driver	-''-			Type I
R/o. Forest Guard	-''-			Type I
R/o. Peon	-''-			Type I
R/o. Peon	-''-			Type I
R/o. Daftari	-''-			Type I
R/o. Driver	-''-			Type I
R/o. Peon	-''-			Type I
R/o. Driver	-''-			Type I
R/o. Peon	-''-			Type I
R/o. Forest Guard	-''-			Type I
R/o. Forest Guard	-''-			Type I
R/o. Chaukidar	-''-			Type I
R/o. Driver	-''-			Type I
Out House C.F.C.C.Office Chandrapur 1965-66	-''-		985.25	
Out House C.F.C.C.Office Chandrapur	-''-			
Out House C.F.C.C. Office Chandrapur	Chandrapur			
Labour Shed Banglow No. 30	-''-			

Labour Shed Banglow No. 31	-''-			
Labour Shed Banglow No. 32	-''-			
Labour Shed Banglow No. 33	-''-			
Labour Shed Banglow No. 34	-''-			
Labour Shed Banglow No. 35	-''-			
Labour Shed Rambag Coloney	-''-			
Labour Shed Rambag Coloney	-''-			
Labour Shed Rambag Coloney	-''-			
Labour Shed Rambag Coloney	-''-			
Labour Shed Rambag Coloney	-''-			
Labour Shed Near Dy.C.F.Chandrapur Office	-''-			
Labour Shed Near Dy.C.F.Chandrpur Office	-''-			
Labour Shed Rambag Nursery	-''-			
Range Office (H.O.)	-''-	1923-24	800	
Office of the C.F.North Chandrpur Circle	-''-	1965-66	82794.25	
Office of the Dy.C.F.Chandrpur Division. & Tadoba National Park	-''-			
Office of the Dy.C.F.W.P.Dn.No.2.	-''-			
Toilet of Office	-''-			
Toilet of Office of the Dy.C.F. Chandrapur	-''-			
Cycle Stand C.F. Office Chandrpur	-''-			
Cycle Stand Dy.C.F.Office Chandrapur	-''-			
Garage of Jeep Dy.C.F. Office Chandrapur	-''-			
Garage of Jeep Dy.C.F. Office Chandrapur	-''-			

Garage of Bangalow No. 30	-''-			
Garage Dy.C.F.Planning Chandrapur	-''-			
Garage Office Superintendant Chandrapur	-''-			
Store Room C.F. Office	-''-			
Store Bangalow No. 30	-''-			
Store H.Q.Office	-''-			
Store Near log hut	-''-			
Store Cement Godown	-''-			
R/o. R.F.O. Chandrapur	Chandrapur	1909.1	2500	Type III
Office of Chandrapur	Chandrapur	1923.24	800	Type III
R/o. Range Clerk	Chandrapur	1909.1	200	Type-II
R/o. Round Officer	Warwat	1923.24	1200	Type-II
R/o. Round Officer	Junona	1913.14	N.A.	Type-II in demolation condition
Hostal building	Junona			Double Unit
R/o. Forester	Junona			Type II Double unit
R/o. Paid vendor Naka				Inruinous state Type I
F.G. Naka	Chandrapur	1909.1	N.A.	Type -I
F.G. Naka	Babupeth	1926.27	N.A.	In-rainous state Type-I
F.G. Naka	Babupeth	1926.27	N.A.	In-rainous state Type-I
F.G. Naka	Junona-1			Type-I
R/o. Forest Guard Naka	Junona-2	1923.24		Type-I
Fallen building				

Forest Guard Naka	Line Kanji	1916.17		Type-I
Forest Guard Naka	Anchaleshwar	1909.1	200	Fallen Type-I
Forest Guard Naka	Morwa	1956-57	1996.99	Type-I
Forest Guard Naka	Lohara 1(South)	1948.49	698.92	Type-I
Forest Guard Naka	Lohara 2 (North)	1913.14		Type-I
Forest Guard Naka	Ghanta Chauki	1929.3	360	Fallen Type-I
Forest Guard Naka	Amla	1909.1		In demolation State Type-I
Forest Guard Naka	Warwat	1923.24	300	In demolation State Type-I
Forest Guard Naka	Borda	1959.6	499.19	Type-I
Forest Guard Naka	Nimbala	1960.61	585.81	In ruinous state Type-I
Forest Guard Naka	Chorgaon	1959.6	499.98	Type-I
Labourshed Rambag Nursery				
Forest Guard Naka	Rambag N'ry			Type-I
Godown	Rambag N'ry			
Pump House	Rambag N'ry			
Water Tank	Rambag N'ry			
Labour Shed Deer park				
Check Post Mul road				
Out House of F.R.H.				
R/o. R.F.O.	Warora	1946-47	7641.13	Type-I
R/o. Range Clerk				Type-I
Labour Shed	Warora			
R/o. Round Officer	Bhadravati	1908-09	550	Type-II

R/o. Round Officer	Shegaon			Type-III
Forest Guard Naka	Warora			Type-I
Forest Guard Naka	Warora			Not in Existence Type I
Forest Guard Naka	Mesa			Type I
Forest Guard Naka	Kachrala	1956-57	1799.4	Type I
Forest Guard Naka	Masal	1959-60	476	Not in Existence Type I
Forest Guard Naka	Chalbardi	1947-48		In ruinous state Type-I
Forest Guard Naka	Paona	1957-58	1798.46	Type I
Forest Guard Naka	Paona	1945-46	385-87	In fallen state Type I
Forest Guard Naka	Sakhra	1944-45	512.47	Type I
Forest Guard Naka	Tembhurda			Type I
Forest Guard Naka	Lonar			Type I
Labour Shed	Tembhurda	1934-35		
Forest Guard Naka	Bhadravati			Type I
Forest Guard Naka	Mangli	1959-60	646.93	Type I
Forest Guard Naka	Chora	1956-57	1793.15	Type I
Kitchen & store House	Moharli			
R/o.R.O.Moharli	Moharli	1907-08		Type III
Range Officer Moharli	Moharli	1907-08		
R/o. Range Clerk	Moharli		1200	Type II

Forest Guard Naka	Moharli - 1	1912-13		Type II
R/o. Round Officer	Moharli	1896-97		Type II
Forest Guard Naka	Moharli - 2	1912		Type I
R/o. Forester	Moharli	1913	500	Type II
Forest Guard Naka	Moharli			Type I
Forest Guard Naka	Moharli			Type I
R/o. Nurse	Moharli			Type I
Hospital	Moharli	1955	3640	Type I
Medical Officer	Moharli	1955	56.96.97	Type III
R/o. Waterman	Moharli	1955	1546.86	Type I
R/o. Compounder	Moharli	1955	2484.59	Type I
Patient ward (D/A)	Moharli	1958-59	9365.93	Type I
Garage	Moharli			Type I
Forest Guard Naka	Moharli			Type I
Forest Guard Naka	Moharli			Type I
Forest Guard Naka	Khutoda			Type I Handed over
Forest Guard Naka	Khutoda			Type I
Forest Guard Naka	Madnapur			Type I
Unit Naka	Kolsa			Type I
Forest Guard Naka	Kondegaon			Type I Handed over
R/o. Round Officer	Agarzari			Type II
Forest Guard Naka	Agarzari			Type I
Forest Guard Naka	Agarzari			Type I

R/o. Depot Officer	Agarzari			Type III
Labourshed (D/W)	Agarzari			
Labourshed (D/W)	Dewado			Handed over
Forest Guard Naka	Saori			Type I Submerged in Dam
R/o. Round Officer	Padmapur			Type II
Labourshed (D/W)	Padmapur			
Forest Guard Naka	Padmapur			Type I Double unit
Checking Naka	Padmapur			
R/o. Range Forest Officer	Kolsa			Type III
R/o. Range Clerk	Kolsa			Type II
Forest Guard Naka	Kolsa 1	1947	547.47	Type I
Forest Guard Naka	Kolsa 2	1947	456.25	Type I
Range Officer	Kolsa	1907		
Labour shed	Kolsa			
Foresters residence	Kolsa			Type II handed over
Forester residence	Kolsa			Type II handed over
R/o. Forest Guard 1	Kolsa			Type II handed over
R/o. Forest Guard 2	Kolsa			Type II handed over
R/o. Forest Guard Naka	Kolsa			Type II handed over
R/o. Forest Guard Naka	kolsa			Type II handed over

Labour shed	Kolsa			Handed over
F.R.House old				Handed over
Out House of F.R.H.				Handed over
Forest Rest House New				Handed over
Out House No.1				Handed over
Out House No.2				Handed over
Checking Naka				Handed over
R/o. Forest Guard	Pahami			Type II handed over
R/o. Forest Guard	Pangli	1913-32	375.15	Type I
R/o. Forest Guard	Botezari			Type II handed over
Out House	Karwa			
R/o. Round Officer	Karwa	1907-08	803.64	Type II
Forest Guard Naka	Karwa			Type I
Forest Guard Naka	Karwa			Type I
Labour Shed	Karwa			
F.G. Naka	Rantalodhi			Type I Handed over
F.G. Naka	Rantalodhi			Type I Handed over
F.G.Naka	Palasgoan	1944-45	634.75	Type I
F.G. Naka	Piparda	1929		Type I Burnt
F.G.Naka	Shivni	1930		
Out House	Piparda			
Forest Guard Naka	Piparda			Type I
R/o. Round Officer	Naleshwar			Type II

Forest Guard Naka	Naleshwar			Type I
Forest Guard Naka	Naleshwar			Type I
Forest Guard Naka	Pethgoan			Type I
Checking Naka	Kukadhati	1939-40	400	
R/o. Range Forest officer	Mul	1926-27	1948.4	Type III
R/o. Range Clerk	Mul	1926-27	200	Type II
Range Office	Mul	1926		
R/o. Round Officer	Mul	1908		Type II
R/o. Orderly to R.F.O.	Mul			Type I
Forest Guard Naka	Mul			Type I
Forest Guard Naka (Spl.duly)	Mul			Type I
Forest Guard Naka (Spl.duly)	Mul			Type I
R/o. Round Officer	Chichpalli			Type II
R/o. Forester	Chichpalli			Type II
Forest Guard Naka	Chichpalli	1913-32	374.69	Type I
Forest Guard Naka	Chichpalli			Type I
Forest Guard Naka	Chichpalli			Type I
Forest Guard Naka	Walni	1943	399.19	Type I In ruinous state
Forest Guard Naka	Gilbilli			Type
Out House	Chichpalli			In riunous state, taken over

Labour shed	Chichpalli			
R/o. Range Assistant	Kelzar	1913-14	1500	In Ruinous state Type II
Forest Guard Naka	Kelzar	1913-14		Fallen down Type I
Forest Guard Naka	Dongar Haldi	1959-60	501.65	Fallen down Type I
Forest Guard Naka	Janala	1923	300	Type I
Forest Guard Naka	Chiroli			Type I
Forest Guard Naka	Chiroli			In ruinous state Type I
Forest Guard Naka	Mahadwadi	1966	4164.61	Type I
Forest Guard Naka	Mahadwadi	1945	651.61	Type I
Forest Guard Naka	Pimpal Khut			Type I
Forest Guard Naka	Haldi			Type I
Forest Guard Naka	Dahegaon	1930		Type I
Labour shed	Mul			
(3) Store House	Janala			
Forest Guard Naka	Bhadurwa			Type I
Check Post	Nandgur			
Forest Guard Naka	Maroda			Type I Fallen down
Forest Guard Naka	Doni			Type I
Forest Guard Naka	Doni			Type I

APPENDIX NO. LVII
(Vide Para No.15.40.1)

**STATEMENT SHOWING THE RANGE, VILLAGE AND SURVEY
NUMBER WISE PROTECTED FOREST AS PER NOTIFICATION.**

Name of Village	Survey No.	Total area in ha. as per notification	R.F. area in ha.as per notification	Balance P.F.area in ha.	Disforested Area in Ha.
1	2	3	4	5	6
RANGE : CHANDRAPUR					
Dharmashala P.C.No.6	10	8.26	--	8.26	--
			--		--
TOTAL	1	8.26	--	8.26	--
Mana P.C.No.6	67	27.36	--	--	27.36
TOTAL	1	27.36	--	27.36	27.36
Junona (Ryt) P.C.No. 8	6	13.53	--	13.53	--
	10	1.29	--	--	1.29
	119	11.58	--	11.58	--
	120	0.14	--	--	0.14
	121	0.49	--	--	0.49
	148	0.26	--	--	0.26
	163	1.88	--	--	1.88
	166	0.61		--	0.61
TOTAL	8	29.78	--	25.11	4.67
Kondhi P.C.No 10	92	0.30	--	--	0.30
	104	6.80	--	--	6.80
TOTAL	2	7.10	--	--	7.10
Kondhi Chak(Ryt) P.C.No. 10	2	2.65	--	--	2.65
TOTAL	1	2.65	--	--	2.65
Durgapur (Ryt) P.C. No. 10	110	5.70	--	--	5.70
	114	5.62	--	--	5.62

	120	4.86	--	--	4.86
	121	6.42	--	--	6.42
	129	7.73	--	--	7.73
	133	7.41	--	--	7.41
	138	4.86	--	--	4.86
	149	4.94	--	--	4.94
	150	4.86	--	--	4.86
	152	4.90	--	--	4.90
	153	5.19	--	--	5.19
	163	6.14	--	--	6.14
	167	2.64	--	--	2.64
	178	4.06	--	--	4.06
	229	0.53	--	--	0.53
TOTAL	15	75.86	--	--	75.86
Warwat P.C.No.11	3	3.70	--	3.7	--
	70/1	13.19	--	13.19	--
	70/6	2.71	--	2.71	--
	72	116.85	--	116.85	--
	76/1	29.16	--	29.16	--
	76/8	54.94	--	54.94	--
	80/1	3.46	--	3.46	--
	185	0.93	--	0.93	--
	242/2 K	138.16	--	138.16	--
	242/2D	1.46	--	1.46	--
	244	0.42	--	0.42	--
TOTAL	11	364.98	--	364.98	--
Chorgaon P.C.No.11	1	267.42	--	267.42	--
	5	315.06	--	315.06	--
	8	50.67	--	50.67	--
	23/1	222.10	--	222.10	--
	52/1	37.92	--	37.92	--
	55	5.16	--	5.16	--
	205	74.20	--	74.20	--
	238/1	24.28	--	24.28	--

	54/1	25.84	--	25.84	--
TOTAL	9	1022.65	--	1022.65	--
Khandala (Rith) P.C.No.11	1	1189.62	--	1189.62	--
TOTAL	1	1189.62	--	1189.62	--
Lohara P.C.No.12	9	5.68	--	5.68	--
	10\1	43.96	11.63	32.33	--
	10\7	0.32	--	0.32	--
	25\1	0.85		0.85	--
TOTAL	4	50.81	11.63	39.18	--
Mamla P.C.No.12	1\1	32.26	23.40	8.86	--
	38\1	0.78	--	0.78	--
	88\1	13.13	--	13.13	--
	135\1	4.38	--	4.38	--
	141\1	30.92	--	30.92	--
	200\1	18.06	--	18.06	--
TOTAL	6	99.53	23.40	76.13	--
Chanda (Ryt) P.C.No.8	421	41.70	--	41.70	--
	441	12.06	--	12.06	--
	461	9.17	--	9.17	--
	463	20.21	--	20.21	--
TOTAL	4	83.14	--	83.14	--
Dewai Govindpur P.C.No.10	107/41	2.45	--	--	2.45
	107/42	4.05	--	--	4.05
TOTAL	2	6.50	--	--	6.50
Nimbala P.C.No.12	14/1	9.55	--	9.55	--
	31	0.28	--	0.28	--
	59	6.98	--	6.98	--
	62/1	3.27	--	3.27	--
	109	6.66	--	6.66	--
	125	11.30	--	11.30	--
	165	3.91	--	3.91	--
TOTAL	7	41.95	--	41.95	--
Chak Nimbala	126	4.63	--	4.63	--

P.C.No. 12	127	5.58	--	5.58	--
	128	6.99	--	6.99	--
	129	4.77	--	4.77	--
	130	5.05	--	5.05	--
	131	4.37	--	4.37	--
	132	4.37	--	4.37	--
	133	6.96	--	6.96	--
	134	5.22	--	5.22	--
	135	5.09	--	5.09	--
	136	7.47	--	7.47	--
	139	6.26	--	6.26	--
	140	6.06	--	6.06	--
	141	5.95	--	5.95	--
	142	5.71	--	5.71	--
	150	4.94	--	4.94	--
	151	2.60	--	2.60	--
	152	0.86	--	0.86	--
	153	5.85	--	5.85	--
	154	5.22	--	5.22	--
	155	4.07	--	4.07	--
	156	3.69	--	3.69	--
	168	5.14	--	5.14	--
TOTAL	23	116.85		116.85	--
Waigaon P.C.No. 12	4	0.36	--	0.36	--
	8\1	1.83	--	1.83	--
	16/1	0.40	--	0.40	--
	16/3	2.68	--	2.68	--
	27/1K	0.24	--	0.24	--
	50/1	6.61	--	6.61	--
	73/1	3.29	--	3.29	--
TOTAL	7	15.41	--	15.41	--
Chak Waigaon No. 1 P.C.No. 12	37	5.59	--	5.59	--
	38	4.20	--	4.20	--
	39	5.48	--	5.48	--

	40	3.38	--	3.38	--
	41	2.99	--	2.99	--
	43	3.02	--	3.02	--
	55	6.62	--	6.62	--
	56	3.72	--	3.72	--
	57	5.10	--	5.10	--
	58	6.96	--	6.96	--
	59	4.16	--	4.16	--
	60	5.40	--	5.40	--
TOTAL	12	56.62	--	56.62	--
Chak Borda P.C.No. 12	102	6.07	--	6.07	--
	103	6.07	--	6.07	--
	104	6.07	--	6.07	--
	105	6.07	--	6.07	--
	106	6.07	--	6.07	--
	107	6.07	--	6.07	--
	108	6.07	--	6.07	--
	109	6.07	--	6.07	--
	110	6.07	--	6.07	--
	111	6.07	--	6.07	--
	112	6.07	--	6.07	--
	113	6.07	--	6.07	--
	114	6.07	--	6.07	--
	115	6.07	--	6.07	--
	116	6.07	--	6.07	--
	117	7.52	--	7.52	--
	118	2.88	--	2.88	--
	119	5.09	--	5.09	--
	120	6.16	--	6.16	--
	121	7.35	--	7.35	--
	122	8.21	--	8.21	--
	123	3.14	--	3.14	--
	124	4.05	--	4.05	--
	125	6.07	--	6.07	--

	126	6.07	--	6.07	--
	132	0.05	--	0.05	--
	158	7.45	--	7.45	--
	191	6.07	--	6.07	--
	192	6.07	--	6.07	--
	193	7.71	--	7.71	--
	194	4.94	--	4.94	--
	195	6.07	--	6.07	--
	196	6.07	--	6.07	--
	197	6.07	--	6.07	--
	198	7.28	--	7.28	--
	199	7.28	--	7.28	--
	200	7.38	--	7.38	--
	201	7.64	--	7.64	--
	202	9.18	--	9.18	--
	203	4.35	--	4.35	--
TOTAL	40	241.20	--	241.20	--
Sinala P.C.No. 11	1\4	1.36	--	--	1.36
	7	0.39	--	--	0.39
	9\1	3.77	--	--	3.77
	52/1	2.33	--	--	2.33
	92/1	1.53	--	--	1.53
	97/1K	15.85	--	--	15.85
	108	0.67	--	--	0.67
	121/1	11.98	--	--	11.98
	123	2.09	--	--	2.09
	127	2.14	--	--	2.14
	136/1	0.81	--	--	0.81
	136/2	1.13	--	--	1.13
	136/3	0.51	--	--	0.51
	189/1	9.80	--	--	9.80
	241	4.64	--	--	4.64
TOTAL	15	59.00	--	--	59.00
Total of					

Chandrapur Range	169	3499.27	35.03	3281.10	183.14
RANGE : MUL					
Haldi P.C.No. 13	36/1	3.76	--	3.76	--
TOTAL	1	3.76	--	3.76	--
Piparkhut P.C.No. 13	1	2.85	--	2.85	--
	19	0.45	--	0.45	--
	22/1	0.55	--	0.55	--
	34/1	1.23	--	1.23	--
	48	0.53	--	0.53	--
	24	0.44	--	0.44	--
TOTAL	6	6.05	--	6.05	--
Zari P.C.No. 13	6	10.33	--	10.33	--
	16\1	6.59	3.86	2.73	--
	16\2	0.01	--	0.01	--
	44	7.47	7.47	--	--
TOTAL	4	24.40	11.33	13.07	--
Mahadwadi P.C.No. 13	2\1	61.66	58.67	2.99	--
	2\10	0.89	--	0.89	--
	16/1	24.04	--	24.04	--
	33/1K	10.12	--	10.12	--
	76/1K	5.45	--	5.45	--
	73/1	18.76	--	18.76	--
	70/1		--		--
	71/2	8.36	--	8.36	--
	72/1		--		--
	73/3	16.19	--	16.19	--
TOTAL	10	145.47	58.67	86.80	--
Nagala P.C.No. 13	1	15.08	--	15.08	--
	3\1K	243.59	173.20	70.39	--
	61	2.76	--	2.76	--
	122/1	68.72	--	68.72	--
	9/1k	30.96	--	30.96	--

TOTAL	5	361.11	173.20	187.91	--
Piparkhut (Ryt) P.C.No 13	24	4.61	--	4.61	--
	26	5.02	--	5.02	--
	37	2.51	--	2.51	--
	41	0.20	--	0.20	--
	43	39.66	--	39.66	--
	46	8.90	8.90	--	--
TOTAL	6	60.90	8.90	52.00	--
Agadi P.C.No. 14	2\1	113.69	--	113.69	--
	13	5.93	--	5.93	--
	55/1K	66.04	--	66.04	--
	55/1 N	100.10	--	100.10	--
	88/1 K	63.98	--	63.98	--
TOTAL	5	349.74	--	349.74	
Chiroli P.C.No. 14	1	36.57		36.57	--
	3	64.33	--	64.33	--
	7	22.52	--	22.52	--
	9	111.75	--	111.75	--
	328	4.87	--	4.87	--
	485/1	3.50	--	3.50	--
	539/1	58.57	--	58.57	--
	5	8.44	--	7.23	1.21
	10	80.70	--	80.70	--
	11	50.95	--	50.95	--
	25	1.74	--	1.74	--
	28	3.14	--	3.14	--
	29	1.01	--	1.01	--
	30	85.99	--	85.99	--
	32/1	50.46	--	50.46	--
	657/1	54.65	--	54.65	--
TOTAL	16	639.19	--	637.98	1.21
Kawadpeth P.C.No. 14	6\1	9.52	--	9.52	--
	19	0.37	--	0.37	--
	53/2	0.40	--	0.40	--

	57	1.05	--	1.05	--
	59	1.62	--	--	1.62
	66	0.63	--	0.63	--
	70	0.19	--	0.19	--
	72	0.36	--	0.36	--
TOTAL	8	14.14	--	12.52	1.62
Vihirgaon P.C.No. 14	2	7.41	--	7.41	--
	5\2	11.96	--	2.57	9.39
	6\1	39.16	--	32.28	6.88
	34	70.22	--	70.22	--
	3	1.98	--	1.98	--
TOTAL	5	130.73	--	114.46	16.27
Rampur Tukum P.C.No. 14	1	16.29	--	16.29	--
	3	10.15	--	10.15	--
	5	3.83	--	3.83	--
	2	40.57	--	40.57	--
TOTAL	4	70.84	--	70.84	--
Chicholi P.C.No. 14	2	18.19	--	18.19	--
	3\1	47.96	--	47.96	--
TOTAL	2	66.15	--	66.15	--
Katwan P.C.No. 37	46	0.07	--	0.07	--
	47	18.66	--	18.66	--
	48	64.10	--	64.10	--
	49	7.98	--	7.98	--
	50	30.15	--	30.15	--
	51	35.52	--	35.52	--
	54	20.99	--	20.99	--
	55	64.10	--	64.10	--
	1	377.90	--	377.90	--
TOTAL	9	619.47	--	619.47	--
Karwan P.C.No. 30	2	10.15	--	10.15	--
	3\1	7.70	--	7.70	--
	16\1	1.58	--	1.58	--
	18	5.23	--	5.23	--

	19	0.99	--	0.99	--
	85	0.95	--	0.95	--
	22/1	1.07	--	1.07	--
	24	0.45	--	0.45	--
	1\1	554.32	--	554.32	--
TOTAL	9	582.44	--	582.44	--
Tolewahi P.C.No. 14	42	0.40	--	0.40	--
	43	0.19	--	0.19	--
	140	0.20	--	0.2	--
	143	2.49	--	1.69	0.80
	144	4.78	--	4.78	--
TOTAL	5	8.06	--	7.26	0.80
Ch. Kawadpeth P.C.No. 14	1	20.47	20.47	--	--
	5	42.90	42.90	--	--
	7	181.34	85.92	95.42	--
	72	11.84	--	11.84	--
TOTAL	4	256.55	149.29	107.26	--
Katwan (Ryt) P.C.No. 14	2	6.94	--	6.94	--
	65	1.75	--	1.75	--
	68	5.14	--	5.14	--
	71	5.89	--	5.89	--
	73	4.29	--	4.29	--
	75	3.32	--	3.32	--
TOTAL	6	27.33	--	27.33	--
Chiroli (Ryt) P.C.No. 14	1/1a	37.91	29.01	8.90	--
TOTAL	1	37.91	29.01	8.90	--
Kantapeth (Ryt) P.C.No. 14	1	47.06	--	47.06	--
	6	0.16	--	0.16	--
	9	0.05	--	0.05	--
	14	14.00	--	14.00	--
	25	16.26	--	16.26	--
TOTAL	5	77.53	--	77.53	--
Janala (Ryt)	46/1	139.73	59.44	80.29	--

P.C.No. 14					
TOTAL	1	139.73	59.44	80.29	--
Mahsabodan (Ryt) P.C.No. 14	1\1	0.63	0.63	--	--
	1\3	100.96	39.85	61.11	--
TOTAL	2	101.59	40.48	61.11	--
Dagadtala (Ryt) P.C.No. 14	16	8.13	--	8.13	--
	17	4.95	--	4.95	--
	47	5.67	--	5.67	--
	48	19.20	--	19.20	--
	49	6.57	--	6.57	--
	52	6.88	--	6.88	--
	53	8.03	8.03	--	--
	54	6.91	6.91	--	--
	55	10.16	10.16	--	--
	57	3.81	3.81	--	--
	58	6.70	6.70	--	--
	59	9.56	5.31	4.25	--
	60	7.71	7.71	--	--
	61	8.94	8.94	--	--
	62	8.09	8.09	--	--
	63	9.55	9.55	--	--
	64	9.43	9.43	--	--
	65	8.10	8.10	--	--
	66	7.57	7.57	--	--
	67	7.93	7.93	--	--
	69	2.00	2.00	--	--
	71	7.06	--	7.06	--
	72	6.75	--	6.75	--
	73	4.88	--	4.88	--
	74	7.76	--	7.76	--
	75	4.52	--	4.52	--
	76	6.44	--	6.44	--
	77	4.74	--	4.74	--
	78	5.05	--	5.05	--

	79	5.80	--	5.80	--
	80	5.02	--	5.02	--
TOTAL	31	223.91	110.24	113.67	--
Tadala Tukum P.C.No. 15	1\1	131.03	--	129.82	1.21
	105	19.91	--	19.91	--
TOTAL	2	150.94	--	149.73	1.21
Gothangaon Ryt P.C.No. 15	1\1	24.91	--	24.94	--
TOTAL	1	24.94	--	24.94	--
Wedhi Rith P.C.No. 15	1\1	87.75	--	87.75	--
	1\34	0.05	--	0.05	--
	1\38	0.52	--	--	0.52
	1\47	0.61	--	--	0.61
	1\48	19.42	--	19.42	--
	1\51	7.89	--	7.89	--
	64/1	7.06	--	7.06	--
	64/3	5.31	--	5.31	--
	66	4.32	--	4.32	--
	92/1	19.80	--	19.80	--
	92/5	0.61	--	0.61	--
	99/1	55.24	--	55.24	--
	99/8	0.59	--	0.59	--
	99/10	0.50	--	0.50	--
	99/11	0.40	--	0.40	--
	122/1	0.14	--	0.14	--
	122/3	10.04	--	10.04	--
	123/1	23.63	--	23.63	--
	134	1.60	--	1.60	--
	137/1	16.07	--	16.07	--
TOTAL	20	261.55	--	260.42	1.13
Haldi Gaoganna P.C.No. 15	6\1GH	5.08	--	5.08	--
	6\1D	3.35	--	3.35	--
	6\1G	3.20	--	3.20	--
	1	2.01	--	2.01	--

	6\1Gh	1.79	--	1.79	--
	6\1K	5.08	--	5.08	--
TOTAL	6	20.51	--	20.51	--
Mul P.C.No. 16	29/1	1.69	--	1.69	--
	33/1	51.12	--	51.12	--
	33/2	0.05	--	0.05	--
	36	34.45	--	34.45	--
	38	7.50	--	7.50	--
	40/1	13.26	--	13.26	--
	40/2	0.02	--	0.02	--
	40/3	0.02	--	0.02	--
	40/4	0.07	--	0.07	--
	40/5	0.02	--	0.02	--
	40/6	0.04	--	0.04	--
	53/16	0.57	--	0.57	--
TOTAL	12	108.81	--	108.81	--
Anthargaon (Par) P.C.No. 16	104/1	89.22	--	89.22	--
	--	--	--		
TOTAL	1	89.22	--	89.22	--
GondiVihirgaon P.C.No. 16	85./1	72.89	--	72.89	--
	91/1	22.00	--	22.00	--
	99/9	0.16	--	0.16	--
	99/14	4.13	--	4.13	--
TOTAL	4	99.18	--	99.18	
Maroda P.C.No. 17	2	89.03	--	89.03	--
	4	33.05	--	33.05	--
	7\1	0.78	--	0.78	--
	44	51.21	--	51.21	--
	45	12.09	--	12.09	--
	65	85.52	--	85.52	--
	67/1	262.45	--	262.45	--
	69	22.03	--	22.03	--
	165	47.33	--	47.33	--
	174	8.40	--	8.40	--

	230/1	12.31	--	12.31	--
	286	3.10	--	3.10	--
	252/1	0.32	--	0.32	--
	377/1	60.12	--	60.12	--
	377/5	12.92	--	12.92	--
	400	2.44	--	2.44	--
	531/1	1.96	--	1.96	--
	909/1	3.52	--	3.52	--
	909/9	1.50	--	1.50	--
	909/15	2.19	--	2.19	--
	168	12.29	--	12.29	--
	173	318.59	--	318.59	--
	175	90.86	--	90.86	--
	176	201.47	--	201.47	--
	177	152.87	--	152.87	--
	179	266.47	--	266.47	--
	182	1.31	--	1.31	--
TOTAL	27	1756.13	--	1756.13	--
Padzaari P.C.No. 17	6	2.04	--	2.04	--
	30	19.60	--	19.60	--
	35	16.86	--	16.86	--
	39	3.64	--	3.64	--
	41	1.01	--	1.01	--
	44/1	3.24	--	3.24	--
TOTAL	6	46.39	--	46.39	--
Usarala (Ryt) P.C.No. 17	2	2.56	--	2.56	--
	151	3.63	--	3.63	--
	159	4.97	--	4.97	--
	179	1.41	--	1.41	--
	209	8.36	--	8.36	--
TOTAL	5	20.93	--	20.93	--
Padzaari Chak P.C.No. 17	156	8.62	--	8.62	--
	158	16.83	--	16.83	--
	160	35.24	--	35.24	--

TOTAL	3	60.69	--	60.69	--
Shiwapur (Ryt) P.C.No. 18	19	3.73	--	3.73	--
	24/1	19.43	--	19.43	--
	26	53.34	--	53.34	--
	97	2.36	--	2.36	--
	121	4.33	--	4.33	--
	123	14.66	--	14.66	--
	125	14.73	--	14.73	--
TOTAL	7	112.58	--	112.58	--
Shiwapur Tukum P.C.No. 18	1	18.28	--	18.28	--
	226	35.27	--	35.27	--
	228	2.59	--	2.59	--
	258	48.77	--	48.77	--
	300	12.28	--	12.28	--
TOTAL	5	117.19	--	117.19	--
Shiwapur Rith P.C.No. 18	11	0.15	--	0.15	--
	13	0.12	--	0.12	--
	18	4.53	--	4.53	--
	32	6.65	--	6.65	--
	42	1.44	--	1.44	--
	45	1.34	--	1.34	--
	53	15.33	--	15.33	--
	129	2.86	--	2.86	--
TOTAL	8	32.42	--	32.42	--
Ratnapur P.C.No. 18	9	7.38	--	7.38	--
	15	2.63	--	2.63	--
	46	19.93	--	3.51	16.42
	84/1	3.24	--	3.24	--
	94	1.11	--	1.11	--
	116	3.98	--	3.98	--
TOTAL	6	38.27	--	21.85	16.42
Mankapur P.C.No. 36	3/1K	5.25		5.25	
	3/1Kh	0.02		0.02	
	3/1G	0.13		0.13	

	3/1D	0.11		0.11	
	3/1Ch	0.50		0.50	
	19	32.91		32.91	
	25	2.80		2.80	
TOTAL	7	41.72		41.72	
Niljai P.C.No. 36	1	14.32		14.32	
	7\1	7.93		7.93	
TOTAL	2	22.25		22.25	
Udhalpeth (Ryt) P.C.No. 36	46	17.80		17.80	
	47	4.96		4.96	
TOTAL	2	22.76		22.76	
Dahegaon (Ryt) P.C.No. 36	2	4.75		4.75	
	56	6.48		6.48	
	58	2.65		2.65	
	60	2.06		2.06	
	62	9.53		9.53	
	72	1.77		1.77	
	67	12.51		12.51	
	75	0.57		0.57	
	83	1.98		1.98	
	88	1.34		1.34	
	90	2.74		2.74	
	106	5.05		5.05	
TOTAL	12	51.43		51.43	
Naleshwar (Ryt) P.C.No. 36	2	13.05		13.05	
	30	2.64		2.64	
	54	2.84		2.84	
	56	8.42		8.42	
TOTAL	4	26.95		26.95	
Walni P.C.No. 12	51/1	1.90	--	1.90	--
	53/1	18.17	--	18.17	--
	94/1	216.03	85.79	130.24	--
	116/1	20.96	--	20.96	--
TOTAL	4	257.06	85.79	171.27	--

Chak Walni P.C.No. 12	3	4.37		4.37	
	5	4.87		4.87	
	6	2.89		2.89	
TOTAL	3	12.13		12.13	
Chichpalli P.C.No. 13	170/1K	322.35	297.84	24.51	--
	200/1K	15.17	--	15.17	--
	200/1Kh	17.63	--	17.63	--
	74/1	59.39	--	59.39	--
	74/4	65.28	--	65.28	--
TOTAL	5	479.82	297.84	181.98	--
Jamrala P.C.No. 13	3\1	1.02	--	1.02	--
	5\1	5.59	--	5.59	--
	76	5.44	--	5.44	--
	41/3	3.47	--	3.47	--
	41/6	0.23	--	0.23	--
	83/2	0.99	--	0.99	--
TOTAL	6	16.74	--	16.74	--
Mararsawli P.C.No. 13	3\1	4.21	--	4.21	--
	8\1	9.11	--	9.13	--
TOTAL	2	13.32	--	13.32	--
Ajaypur (Ryt) P.C.No. 13	14/1	82.59	--	82.59	--
	97	37.35	--	37.35	--
TOTAL	2	119.94	--	119.94	--
Mararsawli (Ryt) P.C.No. 13	11	7.14		7.14	
	13	19.37		19.37	
TOTAL	2	26.51		26.51	
Akapur (Ryt) P.C.No. 36	54	22.80		22.80	
TOTAL	1	22.80		22.80	
Sandala Rith P.C.No. 36	28	2.07		2.07	
	56/3Kh	0.01		0.01	
	66	6.73		6.73	
	77/1	3.64		3.64	
TOTAL	4	12.45		12.45	

Kelzar P.C.No. 36	38	3.45		3.45	
	40/1	3.24		3.24	
	154/1	0.93		0.93	
	160	6.20		6.20	
	161	1.88		1.88	
	168/1	24.09		24.09	
	168/3	0.73		0.73	
	168/4	0.40		0.40	
	171	1.46		1.46	
	173	13.38		13.38	
	176/1K	29.57		29.57	
	20/1	7.47		7.47	
	240/8	0.93		0.93	
	281/1	0.85		0.85	
	281/2	0.24		0.24	
	283	1.47		1.47	
TOTAL	16	96.29		96.29	
Dabgaon Makta P.C.No. 36	2/1	4.77	--	4.77	--
	6/1 K	13.02	--	13.02	--
	90	0.78	--	0.78	--
	131/1	5.46	--	5.46	--
	135	0.89	--	0.89	--
	142	17.29	--	17.29	--
	144	4.25	--	4.25	--
	146	8.93	--	8.93	--
	148	6.50	--	6.50	--
	153	5.80	--	5.80	--
	2/2	37.18	--	37.18	--
	6/2 Kh	4.72	--	4.72	--
	14/1 Gh	20.93	--	20.93	--
	14/1 Kh	1.50	--	1.50	--
	16	10.82	--	10.82	--
	53	2.80	--	2.80	--
	110/1	2.52	--	2.52	--

	112/1	6.07	--	6.07	--
	424/2 K	2.45	--	2.45	--
	534	14.96	--	14.96	--
	2/3	18.02	--	18.02	--
	14/1 K	38.69	--	38.69	--
	171/1K	2.12	--	2.12	--
	114/1G	63.51	--	63.51	--
	425/2Kh	1.98	--	1.98	--
	487	1.72	--	1.72	--
	536/1	38.63	--	38.63	--
	536/3	0.81	--	0.81	--
	546	17.51	--	17.51	--
	14/2 D	2.08	--	2.08	--
TOTAL	30	356.71	--	356.71	--
Akapur Indapawar P.C.No. 36	39	2.54	--	2.54	--
	44/1	2.76	--	2.76	--
	51	1.16	--	1.16	--
TOTAL	3	6.46	--	6.46	--
Dabgaon Tukum P.C.No. 36	2	3.95	--	3.95	--
	5	0.98	--	0.98	--
	7	6.00	--	6.00	--
	10\1	19.80	--	19.80	--
	10\4	0.11	--	0.11	--
	10\2	0.16	--	0.16	--
	10\3	0.08	--	0.08	--
	54/3	1.62	--	1.62	--
	56/1	1.64	--	1.64	--
	56/4	0.40	--	0.40	--
	60/1	3.34	--	3.34	--
TOTAL	11	38.08	--	38.08	--
Kanhargaon Ryt P.C.No. 36	37	47.30	--	47.30	--
	41	29.30	--	29.30	--
	44	105.30	105.30	--	--
	46	53.20	--	53.20	--

TOTAL	5	235.10	105.30	129.80	--
Saraskheda (Ryt) P.C.No. 36	7	2.15	--	2.15	--
	9	6.87	--	0.58	6.29
	40	25.14	--	25.14	--
	41	8.11	--	8.11	--
TOTAL	4	42.27	--	35.98	6.29
Dongarhaldi (Ryt) No. 2 P.C.No. 36	9	0.21	--	0.21	--
			--		--
TOTAL	1	0.21	--	0.21	--
Jam Tukum P.C.No. 37	2	28.29	--	28.29	--
	4	90.89	--	90.89	--
	12\1	46.03	--	46.03	--
	59/2	4.32	--	4.32	--
	81	4.67	--	4.67	--
	96/1K	7.00	--	7.00	--
	98/1	19.30	--	19.30	--
	13	28.91	--	28.91	--
	80	11.36	--	11.36	--
TOTAL	9	240.77	--	240.77	--
Rampur Dixit P.C.No. 37	1	25.04	--	25.04	--
	8	47.52	--	47.52	--
	10	147.07	--	147.07	--
	11	17.76	--	17.76	--
TOTAL	4	237.39	--	237.39	--
Dongarhaldi P.C.No. 37	72/1K	1.06	--	1.06	--
	74/1	4.35	--	4.35	--
	74/2	0.42	--	0.42	--
	74/3	0.12	--	0.12	--
	91	0.69	--	0.69	--
	162/1 K	0.61	--	0.61	--
	162/1 Kh	0.02	--	0.02	--
	230/1	5.07	--	5.07	--
	230/2	0.01	--	0.01	--
	232	2.79	--	2.79	--

	21/1	1.65	--	1.65	--
	21/3	5.34	--	5.34	--
TOTAL	12	22.13	--	22.13	--
Dongarhaldi Tk P.C.No. 37	1\1	5.06	--	5.06	--
	1\2	0.03	--	0.03	--
	1\3	0.02	--	0.02	--
	4	0.49	--	0.49	--
	17	1.88	--	1.88	--
	46/1K	2.56	--	2.56	--
	46/1Kh	0.01	--	0.01	--
	46/1G	0.02	--	0.02	--
	46/1Gh	0.04	--	0.04	--
	46/1D	0.02	--	0.02	--
	46/1T	0.05	--	0.05	--
	53/1	2.23	--	2.23	--
	73/1	0.66	--	0.66	--
	73/2	0.01	--	0.01	--
	73/3	0.04	--	0.04	--
	100/1	1.98	--	1.98	--
	100/3	0.02	--	0.02	--
TOTAL	17	15.12	--	15.12	--
Dewada (Kh)	1\1	17.89	--	17.89	--
P.C.No. 37	18/1	7.35	--	7.35	--
	325	43.38	--	43.38	--
	302/1	29.77	--	29.77	--
TOTAL	4	98.39	--	98.39	--
Jam Tukum (Ryt) P.C.No. 37	2	124.41	--	124.41	--
	5	26.02	--	26.02	--
	16	34.53	--	34.53	--
	45	13.47	--	13.47	--
TOTAL	4	198.43	--	198.43	--
Borda Zullurwar P.C.No. 38	3/1K	46.20	--	46.20	--
	1\3	2.91	--	2.91	--
	14	0.89	--	0.89	--

	17	0.70	--	--	0.70
	23	4.53	--	--	4.53
TOTAL	5	55.23	--	50.00	5.23
Ambai Tukum P.C.No. 38	18/1	0.60	--	0.60	--
			--		--
TOTAL	1	0.60	--	0.60	--
Dhanoti Tukum P.C.No. 38	1/1K	43.93	--	43.93	--
	1/1G	2.30	--	2.30	--
	47	8.26	--	8.26	--
	72	5.13	--	5.13	--
	100	17.85	--	17.85	--
	108	13.51	--	13.51	--
TOTAL	6	90.98	--	90.98	--
Gilbili P.C.No. 39	2	81.10	81.10	--	--
	4\1	95.84	--	95.84	--
	14/1	18.41	--	18.41	--
	22/1	0.07	--	0.07	--
	56	77.89	--	77.89	--
	71	8.52	--	8.52	--
	73	4.06	--	4.06	--
	108	2.08	--	2.08	--
	112/1	144.96	--	144.96	--
	130	3.97	--	3.97	--
	132	200.73	--	200.73	--
TOTAL	11	637.63	81.10	556.53	--
Borda Dixit P.C.No. 38	3	43.36	--	43.36	--
	152/1	0.72	--	0.72	--
	217/1C	23.72	--	23.72	--
	217/1K	0.05	--	0.05	--
	217/1G	0.13	--	0.13	--
	219/1	3.26	--	3.26	--
	219/5	0.04	--	0.04	--
TOTAL	7	71.28	--	71.28	--
Hattibodi (Ryt)	49	0.21	--	0.21	--

P.C.No. 57			--		--
TOTAL	1	0.21	--	0.21	--
Temta Mal	25	0.22	--	0.22	--
P.C.No. 13			--		--
TOTAL	1	0.22	--	0.22	--
Mohadi Tukum	2	9.12	--	9.12	--
P.C.No. 39	33	1.83	--	1.83	--
	70/1	0.74	--	0.74	--
	70/3	0.33	--	0.33	--
TOTAL	4	12.02	--	12.02	--
Rampur Zadikar	1	3.33	--	3.33	--
P.C.No. 37	8\1	3.79	--	3.79	--
	10\2	1.21	--	1.21	--
	13/18	1.12	--	1.12	--
	17/1	0.40	--	0.40	--
	19/1	3.62	--	3.62	--
	21/1	10.71	--	10.71	--
	21/2	0.17	--	0.17	--
	21/3	0.13	--	0.13	--
	21/4	0.22	--	0.22	--
	40/1	5.29	--	5.29	--
	41/1	0.65	--	0.65	--
	13/1	0.40	--	0.40	--
TOTAL	13	31.04	--	31.04	--
Manda Tukum	4	1.28	--	1.28	--
P.C.No.14	56	1.79	--	1.79	--
	57	1.45	--	1.45	--
	85/1K	22.90	--	22.90	--
TOTAL	4	27.42	--	27.42	--
Naleshawar	156	18.05	--	13.86	4.19
Mokasa	161	0.59	--	0.59	--
P.C.No.37	283	12.41	--	12.41	--
	157/1	4.03	--	4.03	--
	260/4	3.23	--	3.23	--

	277	2.47	--	2.47	--
	286	7.40	--	7.40	--
	31	4.55	--	4.55	--
	143	8.95	--	8.95	--
	145/1	3.19	--	3.19	--
	145/2	0.08	--	0.08	--
	154/1	1.21	--	1.21	--
	184	4.94	--	4.94	--
	190/1	19.30	--	19.30	--
	190/2	0.20	--	0.20	--
	196	2.24	--	2.24	--
	211	0.74	--	0.74	--
	215/1	1.00	--	1.00	--
	215/2	0.22	--	0.22	--
TOTAL	19	94.82	--	90.63	4.19
Jam (Kh) P.C.No.37	1\1	5.26	--	--	5.26
			--		--
TOTAL	1	5.26	--	--	5.26
GondSawari (Ryt) P.C.No.13	1	9.03	--	9.03	--
	2	7.28	--	7.28	--
	21	9.11	--	9.11	--
	23	10.32	--	10.32	--
	24	9.19	--	9.19	--
	25	5.41	--	5.41	--
	26	8.86	--	8.86	--
	27	4.44	--	4.44	--
	28	4.55	--	4.55	--
	29	4.33	--	4.33	--
	30	4.81	--	4.81	--
	31	9.15	--	9.15	--
	32	7.01	--	7.01	--
	36	4.25	--	4.25	--
	70	0.76	--	0.76	--
	66	2.72	--	2.72	--

	158	0.52	--	0.52	--
	174	3.14	--	3.14	--
	175	1.11	--	1.11	--
	177	2.38	--	2.38	--
	178	3.41	--	3.41	--
	179	1.75	--	1.75	--
TOTAL	22	113.53	--	113.53	--
Kosambi P.C.No.37	3\1	128.71	--	128.71	--
TOTAL	1	128.71	--	128.71	--
Borda Indapawar P.C.No.37	1\3	2.91	--	2.91	--
			--		--
TOTAL	1	2.91	--	2.91	--
Borda Borker P.C.No.37	30	2.92	--	2.92	--
	46	1.14	--	1.14	--
	38	1.30	--	1.30	--
	40	0.54	--	0.54	--
	72	2.85	--	2.85	--
	77	0.49	--	0.49	--
	90	0.15	--	0.15	--
TOTAL	7	9.39	--	9.39	--
Haldi P.C.No	2\1	10.82	--	10.82	--
	108\1	0.61	--	0.61	--
TOTAL	2	11.43	--	11.43	--
Total of Mul Range					
	539	10893.50	1212.59	9621.28	59.63
RANGE : WARORA					
Mangali P.C.No. 8	60/9	0.59	--	--	0.59
	66/3	11.19	--	--	11.19
	58/1K	42.42	--	42.42	--
	60/1	16.53	--	5.25	11.28
	66/2	31.74	--	--	31.74

TOTAL	5	102.47	--	47.67	54.80
Talegaon P.C.No. 8	3/1K7	0.61	--	--	0.61
	3/1K8	29.79	--	--	29.79
	3/1K11	0.36	--	--	0.36
	3/1Kh	3.70	--	--	3.70
	3/1 G	3.97	--	--	3.97
	3/1 Gh	2.39	--	--	2.39
	3/1 Z 2	0.96	--	--	0.96
TOTAL	7	41.78	--	--	41.78
Chichala P.C.No. 9	4/8	51.55	--	--	51.55
TOTAL	1	51.55	--	--	51.55
Salori P.C.No. 10	201/1	56.96	--	56.96	--
	238	35.43	--	35.43	--
	259/1	108.69	--	108.69	--
	201/2	67.38	--	67.38	--
TOTAL	4	268.46	--	268.46	--
Nagpur Tukum P.C.No. 10	38/1	41.71	--	41.71	--
	38/2	47.37	--	47.37	--
TOTAL	2	89.08	--	89.08	--
Nandra P.C.No. 36	3	47.50	--	47.50	--
	30	87.63	--	87.63	--
TOTAL	3	135.13	--	135.13	--
Dhamani P.C.No. 36	71	34.00	--	34.00	--
	78/1	1.62	--	1.62	--
	80	52.76	--	52.76	--
	33	2.27	--	2.27	--
	108/1	6.13	--	6.13	--
	94/3	2.91	--	2.91	--
	96	6.94	--	6.94	--
	98	6.66	--	6.66	--
	99	5.82	--	5.82	--
	114	2.23	--	2.23	--
	78/2	0.59	--	0.59	--

	92	12.77	--	12.77	--
	93/1Kh	8.95	--	8.95	--
	94/1	4.55	--	4.55	--
	108/2	2.27	--	2.27	--
	111/2	1.29	--	1.29	--
	124/1	4.55	--	4.55	--
	160	0.61	--	0.61	--
	163	0.29	--	0.29	--
	165	0.29	--	0.29	--
TOTAL	20	157.50	--	157.50	--
Wagholi P.C.No. 36	1\1	32.54	15.19	17.35	--
	1\2&1\3	7.17	7.17	--	--
	47	22.27	22.27	--	--
	51	0.47	--	0.47	--
	56/1	2.63	--	2.63	--
	56/2	7.02	--	7.02	--
	58	5.31	--	5.31	--
	7	19.18	--	19.18	--
TOTAL	8	96.59	44.63	51.96	--
Khakadi P.C.No. 36	31	48.49	--	48.49	--
	91	4.67	--	4.67	--
TOTAL	3	53.16	--	53.16	--
Morwa P.C.No. 36	1	89.78	78.18	11.6	--
	11	25.11	--	25.11	--
	2	56.25	--	56.25	--
	12	59.70	--	59.70	--
	3	63.23	--	63.23	--
	13	10.28	--	10.28	--
	16	36.89	--	36.89	--
TOTAL	7	341.24	78.18	263.06	--
Khutada P.C.No. 36	1	58.61	--	58.61	--
	3	24.80	--	24.80	--
	26	83.48	--	83.48	--
	27	0.33	--	0.33	--

	28	10.61	--	10.61	--
	95	10.80	--	10.80	--
TOTAL	6	188.63	--	188.63	--
Seloti Wagheda P.C.No. 36	102/1	28.98	--	28.98	--
	105/1	154.56	--	154.56	--
	105/3	1.56	--	1.56	--
TOTAL	3	185.10	--	185.10	--
Mesa P.C.No. 38	1\1	17.24	--	--	17.24
	1\18	2.26	--	--	2.26
	115/1	13.85	--	--	13.85
TOTAL	3	33.35	--	--	33.35
Borgaon Bhosale P.C.No. 39	6	8.64	--	--	8.64
	11\1	71.93	--	9.79	62.14
	13	4.21	--	--	4.21
TOTAL	3	84.78	--	9.79	74.99
Pandhartala P.C.No. 40	1\1	110.75	--	62.20	48.55
	1\21	1.82	--	--	1.82
TOTAL	3	112.57	--	62.20	50.37
Alfar P.C.No. 41	2	2.33	--	--	2.33
	19	1.13	--	--	1.13
	29	6.95	--	--	6.95
	41	1.04	--	--	1.04
	67/3	4.44	--	--	4.44
	68/4	0.33	--	--	0.33
	69/8	0.29	--	--	0.29
	67/5	2.83	--	--	2.83
	71/1	9.08	--	--	9.08
	72/1	0.08	--	--	0.08
	72/3	0.02	--	--	0.02
	73/4	0.49	--	--	0.49
	73/6	0.04	--	--	0.04
	71/4	4.84	--	--	4.84
TOTAL	14	33.89	--	--	33.89
Pimpalgaon	37/1 K	66.30	--	--	66.30

P.C.No. 42	37/1 Ch	2.80	--	--	2.80
	37/1kh	0.48	--	--	0.48
	37/1 G	21.14	--	--	21.14
	38	32.56	--	--	32.56
	46	32.23	--	--	32.23
TOTAL	6	155.51	--	--	155.51
Mahalgaon (Kh) P.C.No. 43	1	15.73	--	--	15.73
	--	--	--	--	--
TOTAL	1	15.73	--	--	15.73
Susa P.C.No. 44	1	9.95	--	--	9.95
	7	2.46	--	--	2.46
	27	3.48	--	0.73	2.75
TOTAL	3	15.89	--	0.73	15.16
Mokhala P.C.No. 44	4\1	1.13	--	--	1.13
	18	1.76	--	--	1.76
	21\1	0.77	--	--	0.77
	30/2	5.71	--	--	5.71
	45/3	2.36	--	--	2.36
	45/4	3.50	--	--	3.50
	45/5	2.71	--	--	2.71
	45/7	1.42	--	--	1.42
	45/8	2.91	--	--	2.91
TOTAL	9	22.27	--	--	22.27
Sakhara Rajapur P.C.No. 45	9	1.62	--	--	1.62
	17	1.03	--	--	1.03
	22/1	40.99	--	--	40.99
	22/2	0.73	--	--	0.73
	26/6	0.24	--	--	0.24
	22/12	0.31	--	--	0.31
	22/4	0.11	--	--	0.11
	27/2	0.03	--	--	0.03
	27/4	0.06	--	--	0.06
	151	0.49	--	--	0.49
	154	0.89	--	--	0.89

	164	1.30	--	--	1.30
	152	0.17	--	--	0.17
TOTAL	13	47.97	--	--	47.97
Chicholi P.C.No. 30	113	54.43	--	54.43	--
	154/1	263.34	182.74	80.60	--
	154/2	268.47	268.47	--	--
	152	24.17	--	24.17	--
	121/1	25.13	--	25.13	--
	121/2	0.61	--	0.61	--
	121/3	0.21	--	0.21	--
TOTAL	7	636.36	451.21	185.15	--
Minwat Kali P.C.No. 31	9	8.43	--	8.43	--
	12	9.44	--	9.44	--
	14	9.97	--	9.97	--
	17	29.81	--	29.81	--
	31	65.27	--	65.27	--
TOTAL	5	122.92	--	122.92	--
Sawli P.C.No.31	20/1	128.60	--	128.60	--
	20/2	1.34	--	1.34	--
	20/3	1.11	--	1.11	--
	20/4	5.59	--	5.59	--
	20/5	97.55	--	97.55	--
	68	6.21	--	6.21	--
	350	18.50	--	18.50	--
	351	18.67	--	18.67	--
TOTAL	8	277.57	--	277.57	--
Ghot Minwat P.C.No.31	7	62.10	62.10	--	--
	9	575.81	575.81	--	--
TOTAL	2	637.91	637.91	--	--
Minwat Tukum P.C.No.31	57/1	12.83	--	12.83	--
	--	--	--	--	--
TOTAL	1	12.83	--	12.83	--
Visapur (Ryt) P.C.No.31	2\1	22.42	--	--	22.42
	16	3.00	--	--	3.00

	21	4.69	--	--	4.69
TOTAL	3	30.11	--	--	30.11
Waigaon (Ryt) P.C.No.34	46	23.29	--	23.29	--
	56/1	7.95	--	7.95	--
	58/8	31.26	--	31.26	--
TOTAL	3	62.50	--	62.50	--
Ratnapur (Ryt) P.C.No.34	2\1	117.26	--	117.26	--
	2\5	5.19	--	5.19	--
	2\6	5.05	--	5.05	--
TOTAL	3	127.50	--	127.50	--
Pawana (Ryt)	136	0.98	--	0.98	--
P.C.No.23	247/1	4.88	--	4.88	--
	247/4	5.15	--	5.15	--
	247/5	4.39	--	4.39	--
	247/9	4.58	--	4.58	--
	247/22	5.34	--	5.34	--
	247/23	4.72	--	4.72	--
	247/27K	42.10	--	42.10	--
	247/26	7.08	--	7.08	--
TOTAL	9	79.22	--	79.22	--
Kachrala (Ryt) P.C.No.23	18	3.91	--	--	3.91
	19	14.28	--	--	14.28
TOTAL	2	18.19	--	--	18.19
Awandha (Ryt) P.C.No.23	69	7.29	--	7.29	--
	71	7.46	--	7.46	--
	72	10.06	--	10.06	--
	73	10.16	--	10.16	--
	74	7.77	--	7.77	--
TOTAL	5	42.74	--	42.74	--
Ghot Nimbala P.C.No.23	1\14	35.41	--	35.41	--
	1\12	5.55	--	5.55	--
	1\13	65.56	--	65.56	--
	1\11	5.55	--	5.55	--
	1\1	186.36	--	186.36	--

TOTAL	5	298.43	--	298.43	--
Barange Mokasa P.C.No.26	120/1	16.73	--	16.73	--
	120/2	0.32	--	0.32	--
	187/1	9.06	--	9.06	--
	187/2	0.70	--	0.70	--
	187/3	0.76	--	0.76	--
	187/4	0.20	--	0.20	--
	188/1	113.61	--	113.61	--
	197/1	95.77	--	95.77	--
	198	2.12	--	2.12	--
TOTAL	9	239.27	--	239.27	--
Nawargaon (Ryt)	28	18.47	--	18.47	--
P.C.No.26	30	15.70	--	15.70	--
TOTAL	3	34.17	--	34.17	--
Karti Sonegaon P.C.No.29	19	28.95	--	28.95	--
	33	7.75	--	7.75	--
	74/1	196.41	--	196.41	--
	74/11	33.25	--	33.25	--
TOTAL	4	266.36	--	266.36	--
Masal Visapur P.C.No.29	61/1	66.78	--	66.78	--
	61/2	133.55	--	133.55	--
TOTAL	2	200.33	--	200.33	--
Mangali (Ryt) P.C.No.29	32	62.28	--	62.28	--
	--	--	--	--	--
TOTAL		62.28	--	62.28	--
Ashti P.C.No.30	97/1K	279.67	--	279.67	--
	97/1 Kh	161.84	--	161.84	--
TOTAL	2	441.51	--	441.51	--
Chora P.C.No.30	273/5	2.92	--	2.92	--
	273/6	0.34	--	0.34	--
	273/7	0.28	--	0.28	--
	273/8	1.01	--	1.01	--
	273/13	1.10	--	1.1	--
	273/9	0.21	--	0.21	--

	273/15	1.39	--	1.39	--
	273/16	0.19	--	0.19	--
	297/1	74.24	74.24	--	--
	297/2	0.14	--	0.14	--
	297/3	1.47	--	1.47	--
	289/1	31.84	--	31.84	--
	289/2	0.05	--	0.05	--
	297/4	442.53	211.18	231.35	--
	289/3	1.35	--	1.35	--
	212/1	18.15	--	18.15	--
	212/3	0.75	--	0.75	--
	212/4	3.90	--	3.90	--
	273/10	1.34	--	1.34	--
	273/1	368.46	--	368.46	--
	273/3	2.55	--	2.55	--
	283/4	0.04	--	0.04	--
TOTAL	22	954.25	285.42	668.83	--
Total of Warora Range					
	216	6776.98	1497.35	4633.96	645.67
RANGE : SHIONI					
Karwa P.C.No.35	16	2.51	--	2.51	
	29	2.39	--	2.39	
	40	4.93	--	4.93	
	42	7.24	--	7.24	
	50	40.45	--	40.45	--
	95	79.67	64.41	15.26	--
	96	16.90	--	16.90	--
	98	6.06	--	6.06	--
TOTAL	8	160.15	64.41	95.74	--
Pandharwani P.C.No.35	5	0.47	--	0.47	--
	14	0.59	--	0.59	--
	25	0.92	--	0.92	--
	36/1	1.85	--	1.85	--

	42	4.26	--	4.26	--
	46	2.73	--	2.73	--
	55	4.95	--	4.95	--
	53/1	27.55	14.15	13.40	--
	57	8.43	--	8.43	--
TOTAL	9	51.75	14.15	37.60	--
Mahsamohan P.C.No.35	30	27.06	18.30	8.76	--
	32	3.69	--	3.69	--
	104	15.22	--	15.22	--
TOTAL	3	45.97	18.30	27.67	--
Shirkada P.C.No.35	1	4.98	4.98	--	--
	17	49.60	49.60	--	--
	26	33.92	33.92	--	--
	33	8.42	--	8.42	--
	42	1.02	--	1.02	--
	77	38.47	38.47	--	--
	110	0.73	--	0.73	--
	171/1	17.99	--	17.99	--
	175	11.08	--	11.08	--
	320	2.77	2.77	--	--
	310	84.09	40.47	43.62	--
TOTAL	11	253.07	170.21	82.86	--
Shioni P.C.No.35	35	10.70	--	10.70	--
	59	36.23	--	36.23	--
	62	0.59	--	0.59	--
	69	0.26	--	0.26	--
	79	1.08	--	1.08	--
	83	13.34	--	13.34	--
	382/1	0.96	--	0.96	--
	396/1	3.66	--	3.66	--
	507/1	3.31	--	3.31	--
	620/1	4.16	--	4.16	--
	620/3	14.80	--	14.80	--
	620/4	0.24	--	0.24	--

	629/1	4.59	--	4.59	--
	382/2	0.76	--	0.76	--
	396/4	11.25	--	11.25	--
	507/2	11.89	--	11.89	--
	629/2	2.63	--	2.63	--
	687	14.18	--	14.18	--
TOTAL	18	134.63	--	134.63	--
Singadzari P.C.No.35	1	0.77	--	0.77	--
	5\1	0.61	--	0.61	--
	14/1	1.50	--	1.50	--
	25	0.18	--	0.18	--
	43	1.16	--	1.16	--
	52/1	0.32	--	0.32	--
	55	3.60	--	3.60	--
	59/13	7.27	--	7.27	--
	91	2.14	--	2.14	--
	47	0.30	--	0.30	--
	111	6.84	--	6.84	--
	113	2.06	--	2.06	--
	115/2	0.85	--	0.85	--
	117	2.83	--	2.83	--
	140/14	0.50	--	0.50	--
TOTAL	15	30.93	--	30.93	--
Wasera P.C.No.35	1\1	68.08	--	68.08	--
	131/1	74.56	--	74.56	--
	322/1	2.70	--	2.70	--
TOTAL	3	145.34	--	145.34	--
Kukadheti P.C.No.38	219/1	48.32	--	48.32	--
	219/3	0.06	--	0.06	--
	545/1	59.65	--	59.65	--
	549	23.60	--	23.60	--
	550	4.82	--	4.82	--
	725	13.88	--	13.88	--
	727	1.66	--	1.66	--

TOTAL	7	151.99	--	151.99	--
Jamsala P.C.No.38	230/1	10.28	--	10.28	--
	--	--	--	--	--
TOTAL	1	10.28	--	10.28	--
Naleshawar P.C.No.38	281	13.75	--	13.75	--
	284	12.45	--	12.45	--
	286	2.27	--	2.27	--
	292	12.42	--	12.42	--
	306/1	8.56	--	8.56	--
	312/1	4.52	--	4.52	--
	312/3	0.34	--	0.34	--
	312/4	0.05	--	0.05	--
	315/1	7.96	--	7.96	--
	315/3	0.06	--	0.06	--
TOTAL	10	62.38	--	62.38	--
Brahmani P.C.No.39	57/1	16.75		16.75	--
	160/1	23.42	--	23.42	--
	160/5	0.12	--	0.12	--
TOTAL	3	40.29	--	40.29	--
Khatera Mal P.C.No.39	1	4.19	--	4.19	--
	31/1	0.77	--	0.77	--
	31/3	0.91	--	0.91	--
	42	1.27	--	1.27	--
	48/1	12.18	--	12.18	--
	53	0.84	--	0.84	--
	55	0.37	--	0.37	--
	58	0.42	--	0.42	--
	61/1K	3.68	--	3.68	--
	61/1G	16.97	--	16.97	--
	95/1K	0.06	--	0.06	--
	95/1G	0.77	--	0.77	--
	108	0.71	--	0.71	--
TOTAL	13	43.14	--	43.14	--

Pethgaon P.C.No.39	14/1	2.19	--	2.19	--
	14/3	6.27	--	6.27	--
	14/4	7.69	--	7.69	--
	14/5	3.44	--	3.44	--
	14/6	4.71	--	4.71	--
	14/7	6.76	--	6.76	--
	45/1	3.36	--	3.36	--
	45/3	0.80	--	0.80	--
	45/4	3.28	--	3.28	--
	47/1	5.91	--	5.91	--
	47/8	1.48	--	1.48	--
	395	1.92	--	1.92	--
	401/1	0.90	--	0.90	--
	401/2	2.53	--	2.53	--
	430	1.04	--	1.04	--
	433	1.58	--	1.58	--
	434/1	1.59	--	1.59	--
	434/2	2.89	--	2.89	--
	447/1	1.30	--	1.30	--
	447/2	0.04	--	0.04	--
	449/1	0.42	--	0.42	--
	449/3	0.04	--	0.04	--
	453	3.83	--	3.83	--
	18	9.13	--	9.13	--
TOTAL	24	73.10	--	73.10	--
Gondmohadi P.C.No.57	37	25.31	--	25.31	--
	90	61.69	--	61.69	--
	94	2.23	--	2.23	--
	98	1.02	--	1.02	--
	160	70.87	70.87	--	--
	168/1	87.55	86.52	1.03	--
	170/1	1.01	--	1.01	--
	175	14.28	12.60	1.68	--
TOTAL	8	263.96	169.99	93.97	--

Vihirgaon P.C.No.57	135/1	11.41	--	11.41	--
	135/4	22.10	--	22.1	--
	135./5	9.39	--	9.39	--
	165/1	152.35	--	152.35	--
	165/2	289.26	--	289.26	--
	165/3	172.32	36.33	135.99	--
	172	111.90	111.90	--	--
	174	98.87	98.87	--	--
TOTAL	8	867.60	247.10	620.50	--
Piparda P.C.No.57	35/1	7.06	--	7.06	--
	35/3	18.45	--	18.45	--
	35/4	7.79	--	7.79	--
	95/1	3.46	3.46	--	--
	95/2	4.94	4.94	--	--
	95/3	8.64	8.64	--	--
	95/4	5.30	5.30	--	--
	346/1	28.28	28.28	--	--
	346/2	24.30	24.30	--	--
	346/3	43.38	--	43.38	--
	350/1	17.66	17.66	--	--
	350/2	29.76	29.76	--	--
	353/2	35.15	35.15	--	--
	353/1	23.99	23.99	--	--
	353/3	8.16	8.16	--	--
	355/1	33.38	33.38	--	--
	355/2	61.53	61.53	--	--
	355/3	83.12	83.12	--	--
	355/4	1.90	1.90	--	--
	355/5	9.14	9.14	--	--
	369	7.52	1.07	6.45	--
	384/1	76.78		76.78	--
	384/3	182.58	182.58	--	--
TOTAL	23	722.27	562.36	159.91	--
Palasgaon	306/1	14.50	--	14.50	--

P.C.No.57	311/1	2.55	--	2.55	--
	329/1	26.18	--	26.18	--
	334	16.67	--	16.67	--
	341/1	11.18	--	11.18	--
	361	1.68	--	1.68	--
	369	3.08	--	3.08	--
	372	7.41	--	7.41	--
	376	1.48	--	1.48	--
	378	0.45	--	0.45	--
	381	1.70	--	1.7	--
	383	0.57	--	0.57	--
	417/1	7.06	--	7.06	--
	421	5.65	--	5.65	--
	428	4.99	--	4.99	--
	430	6.54	--	6.54	--
	432	1.40	--	1.4	--
	434	3.73	--	3.73	--
	437	0.68	--	0.68	--
	440	2.02	--	2.02	--
	445	0.62	--	0.62	--
	449/1	46.09	7.23	38.86	--
	449/2	12.37	--	12.37	--
	452/1	89.07	89.07	--	--
	452/6	9.37	9.37	--	--
	452/7	83.37	83.37	--	--
	452/8	20.45	20.45	--	--
	452/9	29.55	29.55	--	--
TOTAL	28	410.41	239.04	171.37	--
Vihirgaon Tk P.C.No.57	143	29.64	--	29.64	--
	153	8.74	--	8.74	--
TOTAL	2	38.38	--	38.38	--
Belora P.C.No.57	53	3.47	--	3.47	--
	55	4.81	--	4.81	--
	80/1	1.72	--	1.72	--

	83	6.60	--	6.60	--
TOTAL	4	16.60	--	16.60	--
Parna P.C.No.34	126	3.00	--	3.00	--
	131/1	1.26	--	1.26	--
	132/2	8.20	--	8.20	--
	137/1	3.17	--	3.17	--
	139/1	9.12	--	9.12	--
	140/1	4.86	--	4.86	--
	142	6.31	--	6.31	--
	143	11.83	--	11.83	--
TOTAL	8	47.75	--	47.75	--
Total of Kolsa Range					
	206	3569.99	1485.56	2084.43	--
RANGE : MOHARLI					
Paili Bhatali P.C.No.11	1\1D	64.21		64.21	--
	1\1K	118.99	--	118.99	--
	1\1 Kh	25.09	--	25.09	--
	8\6 K				
	9\ 16				
	9\19	137.32	--	137.32	--
	21\3	94.94	--	94.94	--
	1\1 A	138.62	--	138.62	--
	8\2				
	9\1				
	1\1				
	8\6				
	9\17				
	1\1Cha	36.42	--	36.42	--
	1\1Kh	98.74	--	98.74	--
	9\18	47.43	--	47.43	--
	9\20Kh	14.99	--	14.99	--
	21\2	66.26	--	66.26	--
	23\1A	30.95	--	30.95	--

	1/1Sh	84.03	--	84.03	--
	1/1 Kh	63.51	--	63.51	--
	9\21	52.54		52.54	
	21/1	98.16	--	98.16	--
	23/1M	30.95	--	30.95	--
TOTAL	24	1203.15	--	1203.15	--
Mahsala Rith P.C.No.11	1\2	1.29	--	1.29	--
	5	2.39	--	2.39	--
	7\1	20.93	--	20.93	--
	40	3.25	--	3.25	--
	43	2.29	--	2.29	--
	58	1.38	--	1.38	--
TOTAL	6	31.53	--	31.53	--
Padmapur (Ryt) P.C.No.11	3	0.83	--	0.83	--
	12	24.16	--	24.16	--
	14	45.67	--	45.67	--
	16/3	33.54	--	33.54	--
	40/1	5.20	--	5.20	--
	41/1	9.43	--	9.43	--
	43	12.91	--	12.91	--
	50	16.39	--	16.39	--
	67	1.28	--	1.28	--
	69	0.68	--	0.68	--
	83	0.69	--	0.69	--
	88	36.51	--	36.51	--
TOTAL	12	187.29	--	187.29	--
Sitarampeth P.C.No.32	103/1K	435.40	82.32	353.08	--
	103/1Gh	1.21	--	1.21	--
	103/1J	0.81	--	0.81	--
	103/1Th	2.79	--	2.79	--
TOTAL	4	440.21	82.32	357.89	--
Kondegaoon P.C.No.32	22	2.10	--	2.1	--
	62	0.28	--	0.28	--
	66/1	178.23	27.15	151.08	--

TOTAL	3	180.61	27.15	153.46	--
Bhamdeli (Ryt) P.C.No.32	12	0.86	--	0.86	--
	58	7.30	--	4.06	3.24
	16	0.84	--	0.84	--
	18	0.36	--	0.36	--
	38	2.50	--	2.50	--
	39	0.74	--	0.74	--
	41	0.53	--	0.53	--
	43	0.24	--	0.24	--
	47	38.72	--	38.72	--
	50	0.61	--	0.61	--
	51	1.03	--	1.03	--
	53	2.14	--	2.14	--
	54	2.11	--	--	2.11
	59	6.20	--	--	6.20
	60	2.92	--	--	2.92
	61	1.13	--	1.13	--
	63	1.21	--	1.21	--
	2	2.35		2.35	
TOTAL	18	71.79	--	57.32	14.47
Mudholi P.C.No.33	5	1.07	--	1.07	--
	22	0.97	--	0.97	--
	25	11.22	--	11.22	--
	71	1.32	--	1.32	--
	73	1.51	--	1.51	--
	115	3.95	--	3.95	--
	119	5.07	--	5.07	--
	141	0.30	--	0.30	--
	179	3.45	--	3.45	--
	181	3.99	--	3.99	--
	183/1	26.61	--	26.61	--
	183/2	0.83	--	0.83	--
	188	11.29	--	11.29	--
	192	8.92	--	8.92	--

TOTAL	14	80.50	--	80.50	--
Ambezari P.C.No.32	12	1.62	--	--	1.62
	23	1.51	--	--	1.51
	45	7.20	--	7.2	--
	49	4.78	--	4.78	--
TOTAL	4	15.11	--	11.98	3.13
Sindhagawahan P.C.No.32	8\1	21.54	--	21.54	--
	55	6.08	--	6.08	--
TOTAL	2	27.62	--	27.62	--
Pardi P.C.No.32	62\1K	286.74	97.06	189.68	--
	64	44.18	44.18	--	--
TOTAL	2	330.92	141.24	189.68	--
Moharli P.C.No.32	62	1.59	--	1.59	--
	95/3	1.63	--	1.63	--
	95/7Kh	0.99	--	0.99	--
	96/1Kh	0.02	--	0.02	--
	99	7.63	--	7.63	--
	297	14.10	--	14.10	--
	299/1	299.33	18.61	280.72	--
	299/2	2.83	--	2.83	--
TOTAL	8	328.12	18.61	309.51	--
Chaiti Tukum P.C.No.56	17/1	1.87	--	1.87	--
	17/2	0.77	--	0.77	--
	47	0.70	--	0.70	--
	50	2.17	--	2.17	--
	51	0.57	--	0.57	--
	56	1.10	--	1.10	--
	62	0.84	--	0.84	--
	72	7.85	--	7.85	--
	107/1	28.79	--	28.79	--
	107/2	0.81	--	0.81	--
	112/1	28.27	--	28.27	--
	116	3.12	--	3.12	--
	118/1	108.64	--	108.64	--

	121	1.24	--	1.24	--
TOTAL	14	186.74	--	186.74	--
Madnapur P.C.No.56	142	163.38	20.54	142.84	--
	153	2.12	--	2.12	--
TOTAL	2	165.50	20.54	144.96	--
Mahsala Rith P.C.No.11	3	2.57	--	2.57	--
	4	1.02	--	1.02	--
	5	0.61	--	0.61	--
	16	0.21	--	0.21	--
	17	3.62	--	3.62	--
	18	1.70	--	1.70	--
	19	0.60	--	0.60	--
	20	0.85	--	0.85	--
	21	1.16	--	1.16	--
	22	1.33	--	1.33	--
	24	1.40	--	1.40	--
	30	2.18	--	2.18	--
	31	0.47	--	0.47	--
	32	0.34	--	0.34	--
	33	0.70	--	0.70	--
	34	1.20	--	1.20	--
	35	1.09	--	1.09	--
	36	0.20	--	0.20	--
	42	0.74	--	0.74	--
	43	0.74	--	0.74	--
	44	0.74	--	0.74	--
	45	0.74	--	0.74	--
TOTAL		24.21	--	24.21	--
Total of Moharli Range					
	135	3273.30	289.86	2965.84	17.60
Total of Division					
	1265	28115.380	4518.440	22790.900	906.040

APPENDIX NO. LVIII
(Vide Para – 7.3.1)
CONTROL FORM NO. - 1
CONTROL FORM FOR SELECTION - CUM - IMPROVEMENT WORKING
CIRCLE

NAME OF THE WORKING PLAN :

CIRCLE :

FELLING SERIES :

DIVISION :

PRESCRIBED OPERATIONS VIDE PARAS :

RANGE :

APPENDIX NO. :

Prescribed operations					Results
Year of working	Coupe No.	Comptts. included	Total area in ha.		Year of working
			Workable	Unworkable	
1	2	3	4	5	6

Operations			Operations Actually Carried out			
Total area Worked	Total number of trees of selection size & over enumerated		Total number of trees of selection size and over felled		Total number of trees of preselection class falled	
			a. Permissible to be felled b. Actually felled			
	Species	No.	Species	No.	Species	No.
7	8	9	10	11	12	13

Yield Details					
Species : No. & m3	Logs : No. & m3	Poles in No. & m3	Fuel in Beat and m3	Revenue realised	Expenditure incurred
14	15	16	17	18	19

Artificial regeneration carried out			Remarks
Year	Species	Area	
20	21	22	23

CONTROL FORM NO. - 2**CONTROL FORM FOR AFFORESTATION WORKING CIRCLE**

NAME OF THE WORKING PLAN :

CIRCLE :

WORKING CIRCLE :

DIVISION :

FELLING SERIES :

RANGE :

APPENDIX NO. :

PRESCRIBED OPERATIONS VIDE PARAS :

Prescribed operations						Actual working	
Year of working						Year of working	
Comptt . No.	Coupe No.	Marki ng	Felling	Planting		Markin g	Felling
				Teak Misc.	Bamboo		
1	2	3	4	5	6	7	8

Year of working		Results of operations actually carried out				
Planting		Outturn if any			Revenue Realised Rs.	Expendit ure Incurred Rs.
Teak Misc.	Bambo os	Timber m 3	Pole No./m3	Fuel m3		
9	10	11	12	13	14	15

Results of operations actually carried out			
Area planted $\frac{1}{4}$ ha $\frac{1}{2}$		Expenditure incurred Rs.	Remarks
Teak Misc.	Bamboo		
16	17	18	19

[illegible]

CONTROL FORM NO. - 4**CONTROL FORM FOR CULTURAL OPERATIONS**

NAME OF THE WORKING PLAN :

CIRCLE :

WORKING CIRCLE :

DIVISION :

FELLING SERIE :

RANGE

:

PRESCRIBED OPERATIONS VIDE PARAS:

Prescribed operations					Actual working	
Year	Nature of operations prescribed	Comptts No.	Coupe No.	Area in ha.	Year in which . worked	Area actually Worked In ha.
1	2	3	4	5	6	7

Results of operations actually carried out					
Out - turn if any			Revenue Realised In Rs.	Expenditure Incurred In Rs.	Remarks
Timber in m3	Poles in No. & m3	Fuel in m3 & beat			
8	9	10	11	12	13

CONTROL FORM NO. - 5**CONTROL FORM FOR OVERLAPPING WORKING CIRCLE**

NAME OF THE WORKING PLAN :

WORKING CIRCLE :

FELLING SERIE :

:

PRESCRIBED OPERATIONS VIDE PARAS:

CIRCLE :

DIVISION :

RANGE

Prescribed Operations				
year	Range	Unites, Coupes or Comptt. Nos.	Area in ha.	Year of working
1	2	3	4	5

Results of operations actually carried out				
Total area Worked In ha	Balance + In Blue - In Red	Revenue Realised In Rs.	Expenditure Incurred in Rs.	Remarks
6	7	8	9	10

CONTROL FORM NO. - 6**CONTROL FORM FOR FIRE PROTECTION**

A.- PERMANENT FIRE LINES

B.- SPECIAL LINES

COMPLETELY

NAME OF THE WORKING PLAN

CLASS I : FOREST AREAS

PROTECTED

CLASS II : FORESET AREAS

GENRALLY

PROTECTED

PRESCRIBED OPERATIONS

VIDE PARA

Year	Ranges	Class & Areas	Length of fire lines to be cut and burnt	
			$\frac{1}{4}a\frac{1}{2}$ External $\frac{1}{4}$ Artificial only $\frac{1}{2}$ $\frac{1}{4}b\frac{1}{2}$ Internal $\frac{1}{4}I\frac{1}{2}$ Roads $\frac{1}{4}II\frac{1}{2}$ Artificial lines	Km.
1	2	3	4	5

Results of operations actually carried out					Reasons for Shortfall
Length of fire lines cut and burnt during the year		Expenditure in Rs.	Shortfall Particulars of lines not covered Should be given		
a1/2 External 1/4Artificial only1/2 1/4b1/2 Internal 1/4I1/2 Roads 1/4II1/2 Artificial lines	Km.		Location of fire lines	Length In km.	
6	7		8	9	

Results of operations actually carried out			No. of fire watchers		
Accidental fires & Area burnt due to accidental fires	Nature of damage	Expenditure Incurred In Rs.	Prescribed	Actually appointed	Expenditure Incurred In Rs.
12	13	14	15	16	17

Results of operations actually carried out	Remarks
Total expenditure in Rs. $\frac{1}{4}$ Total of column Nos. 8, 14, & 17½	
18	CAPut!'

CONTROL FORM NO. - 7**CONTROL FORM FOR 1/5th BOUNDARY DEMARCATION AND VERIFICATION SCHEME**

NAME OF THE WORKING PLAN :

WORKING CIRCLE :

FELLING SERIE :

:

PRESCRIBED OPERATIONS VIDE PARAS:

APPENDIX NO. :

CIRCLE :

DIVISION :

RANGE

A: NEW DEMARCATION ONLY

Year	Range	Location of boundary	
		From	To
1	2	3	4

Target for the year	Length actually demarcated	Shortfall or excess + in Red -in Blue	Total No. of carins built	Remarks ¼Details about different types of cairns erected should be given½
5	6	7	8	9

B : MAINTENANCE AND VERIFICATION OF LINES

Year	Range	Location of boundary	Prescribed	
			From	To
1	2	3	4	5

Boundary actually Verified and maintained	Shortfall or excess + in Red -in Blue	Remarks ¼Among other matters special mention about the encroachments noticed during verifications should be made½
6	7	8

CONTROL FORM NO. - 8**CONTROL FORM FOR GRAZING**

NAME OF THE WORKING PLAN :

WORKING CIRCLE :

FELLING SERIE :

:

PRESCRIBED OPERATIONS VIDE PARAS:

APPENDIX NO. :

CIRCLE :

DIVISION :

RANGE

Prescriptions vide paragraph No.				Maximum incidence permissible according to the classification.
Grazing Unit No. Class of Forest etc.	Year	Area in ha.		
		Total area	Average area open to grazing	
1	2	3	4	5

Actual grazing conditions					
Maximum No. of cattle admissible			No of sections closed to grazing	Free bulls Bullocks Or cows	Buffaloes
Bulls Bullocks or cows	Buffaloes	Total cattle Units (Cows, bullocks buffaloes)			
6	7	8	9	10	11

Privileged rate		Commercial rates				Total cattle Unit grazed
Bulls Bullocks Or cows	Buffaloes	From listed villages		From other villages		
		Cows Bulls Bullocks	Buffaloes	Cows Bulls Bullocks	Buffaloes	
12	13	14	15	16	17	18

APPENDIX NO. LIX
(Vide Para – 16.12.2.)
COMPARTMENT HISTORY – FORMS
FORM NO. 1
DESCRIPTION OF THE COMPARTMENT

Name of the block -	Compartment No.	Date
Forest map sheet -	Range -	Stock mapper
Scale-	Camp -	Area in ha.

1. Location
2. Boundaries
North
East
South
West
3. Permanent features :
4. Topographical features : (Give altitudinal variations, aspects and slope)
5. Geology and rock -
6. Soil – (Give types, distribution, origin, colour, texture composition, depth, humus, drainage etc.)
7. The forest-
 - (I) **General description** : General description of type and local sub- type of forest.
qualities, density ,age, principal associates, reproduction species etc. to be given.
 - (ii) **Floristics** : To be given separately for each sub type distinguished under
 - 1- Top
Canopy, II-Second story, Ila- Bamboo, III- Shrubs, IVa- Herbs, Ivb- Grasses, V-
Climbers, Epiphytes,
Parasites : Occurrence of principal species to be indicated by letters (Va)
very
abundant, (a) Abundant, (f)- frequent, (c)- common, (o)- Occasional, ®- rare, (La)-
Locally abundant, (Lc) - Locally common.
 - (iii) **Regeneration** :
 - (a) Nature : to be described under :
 - (i) by coppice from the felled trees.
 - (ii) by natural seedings or seeding coppice. It should be clarified whether reproduction is adequate to restock the areas. Such portions should be indicated as far as possible.
 - (i) Artificial Regeneration : (Details to be under item II)
 8. Grazing : (Mention availability of grazing units and grazing incidence.)
 9. **Injuries** – Exnt of illicit cutting, encroachments and illicit grazing, damage due to wind cyclones,

fires, draught, frost, insects and fungii and spread of lantana or Karvi or other weeds.

10. **Soil Erosion :** Give types and extent.)
11. **Past History :** (Among other items information should be recorded about years of harvesting and also the type of harvesting ; standards left, selection size, trees reserved against felling ; full details, such as year of planting, method of planting, area and species planted and results about artificial regeneration should also be given $\frac{1}{2}$
12. **Any other information :** Among other matters information about Experimental Plots E.P., Sample Plot S.P., Preservation Plot P.P., Linear Increment Plot L.I.P., wildlife and privileges to be given.

---000---

FORM NO. - 2**RECORD OF PLANTATION AND CHANGES IN GROWING STOCK**

Compartment No.

Coupe No.

Year/Date	Description of work on plantation and changes in growing stock.	Revenue in Rs.	Expenditure in Rs.
1	2	3	4

FORM NO. - 3**REGISTER OF OPERATIONS AND OUTTURN**

Compartment No.

Coupe No.

Year/Date	Description	Revenue in Rs.	Expenditure in Rs.
1	2	3	4

FORM NO. - 4**RECORD OF OBSERVATIONS**

Compartment No.

Coupe No.

Date and Name of Officer	Extracts from diaries, notes and reports
1	2

FORM NO. - 5
RECORD OF FIRE

Compartiment No.

Coupe No.

Date of occurrence	Description	Cost
1	1	1

Area burnt of Coupe No.

Detail of damage and its approximate value.

Damage to regeneration

Damage to standing trees

Timber

Cart load fuel

Cart load grass

Bamboo

Expenditure incurred for putting out fire as per fire

Case No. _____ of _____ was

Rs. _____

Officer.

Range Forest

APPENDIX NO. - LX

(Vide Para - 16.3.4)

PLANTATION REGISTER FORMS

FORM NO. - 1

TREATMENT MAP

(Map showing the areas under rabs, trenching, pitting, uralis, or any other type of soil preparation depending upon the slope, drainage type and depth of soil etc. should be given)

FORM NO. - 2

GENERAL INFORMATION

1. Name of the plantation
2. Year of plantation
3. Range / Division
4. Location
5. Area in categories such as -
 - Reserved Forests
 - Already in charge of Forest Department
 - Taken over from revenue department
 - Protected Forests -
 - Already in charge of Forest Department
 - Taken over from revenue department
 - Any other type
6. Topography, Aspect, Slope, Rock and Soil. Trial pits should be taken and soil profiles described)
7. Climate.

Rainfall :

Year	Total amount of Rainfall	No. of Rainy days

Temperature :

Year	Maximum/Month	Maximum/Month

1 st /2 nd /3 rd	1 st /2 nd /3 rd		Clean/strip/around plants etc.

6. Fertilizers used :

Kinds	Quantity	Dosage given	Date

7. Insecticides used :

Kinds	Quantity	Dosage given	Date

8. Fire Protection :

Year	Date	Length	Width

FORM NO. - 5
COUNT OF SURVIVALS

Sr.No.	Name of species	No. planted	Year	Survivals				Remarks
				As on 31 st Oct		As on 30 th May		
				No.	Percent	No.	Percent	
1	2	3	4	5	6	7	8	9

TRACE SHOWING AREAS PLANTED WITH DIFFERENT SPECIES.

FORM NO. - 4

DESCRIPTION OF WORKS DONE

1. Details of operations carried out :

a Rabbing

Total area

b Tracing

Type	Size	No. of trenches	Area covered

c Pitting

Type	Size	No. of Pits	Area covered

i) Staking - No of stakes

ii Manuring

3. Plantation works carried out -

a Species and method of planting or sowing, with spacement adopted.

b Details of seed sown, its origin and viability, seedlings or stumps planted.

a			
Species	Quantity of seed sown	No. of stumps planted	No. of seedlings planted with dates of planting

b						
Species	Date of Sowing	Date of Planting	Naked	Mossed	Potted	Total

4. Casualties replacement :

Year	Species	No. of seedlings/stumps	Dates of replacement

5. Weeding :

Year	Type of weeding	Period of weeding	Remarks
------	-----------------	-------------------	---------

COST OF SUBSEQUENT YEARS OPERATIONS

Year	Brief account of work done and	Total expenditure incurred in Rs	Expenditure per ha. in Rs.	Remarks
1	2	3	4	5

FORM NO. 18

RECIPTS REALISED

Year	Date	Particulars	Amount realised in Rs.	Remarks
1	2	3	4	5

FORM NO. 19

INSPECTION NOTES

Date	Inspection Notes, and instruction issued	Remarks about compliance wherever necessary
1	2	3

FORM NO. - 6

COST OF OPERATIONS
in Rs.

1. Demarcation and marking
2. Clear felling or clearance of site
3. Pre-plantation works
 4. a. Preparation of rabs.
 - b. Digging of Pits.
 - c. Contour trenching
 - d. Formation of uralies
 - e. Any other operation
 - f. Burning of Pits.
 - h. Preparation of stakes
 - i. Aligning and staking
5. Collection of seed for direct sowing
6. Transportation of staff and transportation
7. Weedings -
 - I
 - II
 - III
8. Casualties replacement in the 1st year of palnting.
9. Fire protection.
10. Any other items such as fencing etc.
- Total expenditure to the end of 1st year**

SUMMARY OF ANNUAL RESULTS

Year	Total cost incurred	Total planting stock produced							
		Regular Plantation		Afforestation		Vana Mahostava		Miscellaneous	
		Name of species	No.	Name of species	No.	Name of species	No.	Name of species	No.
1	2	3		4		5		6	

Disposal of the planting stock					
Regular plantation			Afforestation		
7	8	9	10	11	12

Vana Mahostava			Miscellaneous			Remarks
Spp.	No.	Where used	Spp.	No.	Where used	
13	14	15	16	17	18	19

PART - III REMARKS OF INSPECTING OFFICERS

Date	Inspecting notes	Remarks about compliance where necessary
1	2	3
Total cost initially incurred :		
Year	Item	Non Recurring expenditure in subsequent years (Rest of the columns as above)

(Vide Para - 16.3.4)
NURSERY REGISTER FORM
FORM NO. - 1
GENERAL PARTICULARS

	Division	Range	Area
1	Name of the Nursery-		
2	Location-		
3	Year of formation-		
4	Locality factors-		
	a Climate	Average Rainfall	Temperature Max. Min.
	b Topography		
	c Soil Condition and Classification		
5	Previous vegetation :		
6	Legal Position of the land-		
7	Water supply-		
8	Scope for future expansion-		

FORM NO. - 2

PART - 1
NON-RECURRING ITEM

Item	Brief description of work done	Total Expenditure of the item	Sanctioned amount	Remarks
1	2	3	4	5

NURSERY REGISTER
STOCK LEDGER OF SOWN BEDS

Species	Size of beds No.	Date of sowing	Quantity of seed sown	Period of germination	Stock raised	Distribution of stock for		Remarks
						Transplanted on beds	Transplanted in polythene bags	
1	2	3	4	5	6	7a	7b	8

FORM NO. - 5 A(ii)

NURSERY REGISTER
STOCK LEDGER FOR TRANSPLANTING BEDS

Species	Period of	No. of beds	No. of beds transplanted	Spacemen	Distribution	
					No. how	Balance
1	2	3	4	5	6	7

FORM NO. - 5 B

NURSERY REGISTER
STOCK LEDGER OF SOWN BEDS

Species	Size of beds and No.	Date of sowing	Quantity of seed sown	Period of germination	Stock raised	Distribution	Remarks
1	2	3	4	5	6	7	8

FORM NO. - 3
NURSERY REGISTER (INITIAL FORMATION)
RECURRING ITEMS

To be filled in for every year and tagged on the register

Year	Item	Total expenditure for the item	Sanctioned amount
1	2	3	4

1. Renovation of beds.
2. Manuring
3. Providing side supports
4. Shading of beds
5. Purchase and collection of seed and origin of seed.
6. Purchase of container.
7. Purchase of other materials if any
8. Sowing
9. Transplanting in beds.
10. Sowing or transplanting in containers.
11. Cost of mowing of seedlings.
12. *Wages of work and temporary staff*

- a. Diesel oil
- b. Lubricating oil
- c. Maintenance including repairs and parts.
- d. Any other items

15. Brief description of works
 (Type, Size, and No. of beds, method of formation etc. details of containers used etc.)

Total cost for the year.

FORM NO. - 4
NURSERY REGISTER
DETAILED LAY-OUT OF THE NURSERY

(To be shown roughly to a scale of 1" = 33' or any other suitable scale)

FORM NO. -8

NURSERY REGISTER

REMARKS OF INSPECTING OFFICER

Date	Inspecting notes and instruction issued	Remarks about compliance with the note
1	2	3

FORM NO. -9

NURSERY REGISTER

REVENUE REALIZATION IF ANY

Year and date	Amount	Details	Remarks
1	2	3	4

FORM NO. -10

NURSERY REGISTER

GERMINATION TEST

Species	Origin of seed	Seed weight	Result of cutting test	Pre-treat-ment	No of seed used	Date of sowing	Date of germ ination	No of germi nated	Remarks
1	2	3	4	5	6	7	8	9	10

APPENDIX NO.LXII

ENCROACHMENT ON FOREST AREA (AS ON 25/11/2002) CHANDRAPUR FOREST DIVISION

Encroachment					Eviction				Balance			
Range					During June 02 to Sept 02				on 25/11/2002			
	R.F.	P.F.	Unclassed Forest	Total	R.F.	P.F.	Unclassed Forest	Total	R.F.	P.F.	Unclassed Forest	Total
1	2	3	4	5	6	7	8	9	6	7	8	9
Warora	470.98	167.64	0	638.62	135	27.51	0	162.51	335.98	140.13	0	476.11
Chandrapur	87.50	72.4	0	159.90	0	0	0	0	87.50	72.4	0	159.9
Mul	0.00	2577.12	0	2577.12	0	117.22	0	117.22	0.00	2459.9	0	2459.9
Shioni	26.70	253.03	0	279.73	0	17.78	0	17.78	26.70	235.25	0	261.95
Total :-	585.18	3070.19	0.00	3655.37	135.00	162.51	0.00	297.51	450.18	2907.68	0.00	3357.86

APPENDIX NO. LXIII

STATEMENT SHOWING THE ENCROACHMENT ON FOREST LAND FROM 1/4/1978 TO 31/3/2002 IN CHANDRAPUR FOREST DIVISION

अ.क्र.	वर्ष	31/3/2002		31/3/2002 पर्यंत		सद्या शिल्लक अतिक्रमण	
		पर्यंत झालेले अतिक्रमण		हटविलेले अतिक्रमण			
		संख्या	क्षेत्र	संख्या	क्षेत्र	संख्या	क्षेत्र
1	2	3	4	5	6	7	8
1	1978-79	57	18.00	0	0.00	57	18.00
2	1979-80	101	83.54	0	0.00	101	83.54
3	1980-81	152	160.00	0	0.00	152	160.00
4	1981-82	65	50.92	1	1.60	64	49.32
5	1982-83	88	109.02	0	0.00	88	109.02
6	1983-84	122	129.98	3	3.20	119	126.78
7	1984-85	59	41.36	0	0.00	59	41.36
8	1985-86	2344	2320.47	81	72.98	2263	2247.49
9	1986-87	85	36.43	56	7.28	29	29.15
10	1987-88	96	121.71	70	7.68	26	114.03
11	1988-89	61	69.45	0	0.00	61	69.45
12	1989-90	7	19.14	5	11.74	2	7.40
13	1990-91	21	18.80	0	0.00	21	18.80
14	1991-92	36	8.00	4	1.22	32	6.78
15	1992-93	7	90.95	5	9.70	2	81.25
16	1993-94	7	3.50	0	0.00	7	3.50
17	1994-95	5	1.70	0	0.00	5	1.70
18	1995-96	7	6.90	0	0.00	7	6.90
19	1996-97	0	0.00	0	0.00	0	0.00
20	1997-98	0	0.00	0	0.00	0	0.00
21	1998-99	16	3.00	0	0.00	16	3.00
22	1999-00	7	1.70	0	0.00	7	1.70
24	2000-01	6	11.50	1	0.12	5	11.38
25	2001-02	0	14.50	0	14.50	0	0.00
Total		3349	3320.57	226	130.02	3118	3179.17

APPENDIX NO. LXIV

STATEMENT SHOWING THE DETAILS OF ENCROACHMENT ON FOREST AREAS RANGEWISE IN CHANDRAPUR FOREST DIVISION

A. MUL RANGE

अतिक्रमण क्षेत्राबाबत माहिती सन 1990 ते मार्च/2002 पर्यंत								
अ.क्र.	वर्ष	गावांचे नांव	अतिक्रमणांचे नांव	झालेले अतिक्रमण हे. क्षेत्र हेक्टर	हटविले अतिक्रमण क्षेत्र	कक्ष क्रमांक	पि.ओआर. क.व दि.	शेरा
1	2	3	4	5	6	7	8	9
	90-91	0		0.00	0.00	0		
	91-92	जानाळा	मोतीराम ताकसांडे	1.00		ख.नं. 494	808 / 2, दि. 4.9.91	
		आगडी	श्री. विठ्ठल दादाजी हजारे			ख.नं. 2		
			श्री. बापू रामाजी मोहुर्ले			सं. वन. आगडी	808 / 3, दि. 4.3.92	
		चिचपल्ली	श्री. दादाजी नारायण भूसारकर	3.00		ख.नं. 170	805 / 13, दि. 8.3.92	
			व इतर 8 इसम					
		चिचपल्ली	श्री. गजानन बिजा देवतळे	0.21		ख.नं. 170	805 / 15, दि. 8.3.92	
			व इतर 7 इसम					

Appendix No.LXIV Mul Rangecontinued.....

1	2	3	4	5	6	7	8	9
	92-93	रामपुर तु.	श्री. मारेश्वर नागन्ना वडकोंडावार	0.11	हटविले	स.वन.रामपुर तु.	850 / 4,दि.23.4.92	दि.18.10.2000 ला सरकार तर्फे निकाल लागला
			श्री. बाबूराज कवडू कोसरे	0.60		स.वन.पिपंळखंट	770 / 15 / दि.10.6.92	
			श्री. मन्साराम नारायण सोनटक्के	0.00		स.वन.पिपंळखंट	770 / 14,दि.10.6.92	
			श्री. शेख रहमान शेख रमजान	0.00		स.वन.पिपंळखंट	770 / 17,दि.13.7.92	
		आगडी	श्री. बापूजी रामजी मोहूले	0.75		सं.वन.आगडी	847 / 16,दि.17.7.92	
			श्री. आत्माराम नारायण लेनगूरे	0.42		सं.वन.आगडी	847 / 15,दि.17.7.92	
			श्री. विठ्ठल दादाजी हजारे	0.86		सं.वन.आगडी	847 / 17,दि.20.7.92	
			श्री. भगवान सिताराम कुळमेथे	0.12		सं.वन.नंदगूर	770 / 22,दि.21.8.02	
			श्री. फुलारंग महादा गेडाम	0.25		स.वन. नंदगूर	770 / 21,दि.21.8.02	
	92-93	पिपंळखुट	श्री. शेकर सखाराम घरत			पी.एफ.नंदगूर	770 / 20,दि.21.8.92	
		रामपुर तु.	श्री. मोरेश्वर वडलकोंडावार	0.11		पी.एफ.रामपुर तु.	850 / 17,दि.25.9.92	
		पिपंळखुट	श्री. बाजीराव सोमा तोडासे व इतर	10.00		सर्व्हे नं.44	770 / 25,दि.19.9.92	
		पिपंळखुट	श्री. सिताराम लोकु किन्नाके व इतर	10.00		सर्व्हे नं.44	770 / 24,दि.19.9.92	
		पिपंळखुट	श्री. झिंटू नागो जुमनाके इतर 2	10.00		सर्व्हे नं.44	770 / 23,दि.19.9.92	
		नागाळा	श्री. पत्रु दादाजी मोहूर्ले	2.00		सर्व्हे नं. 64	853 / 15,दि.15.10.92	
		नागाळा	बालाजी दशरथ घोगडे	1.20		सर्व्हे नं. 64	853 / 14,दि.15.10.92	
		नागाळा	मुनेश्वर बाघूजी धोंडरे	1.20		सर्व्हे नं. 64	853 / 13,दि.15.10.92	
		नागाळा	रामचंद्र किसन खोब्रागडे	1.00		सर्व्हे नं. 64	853 / 12,दि.15.10.92	
		नागाळा	विठ्ठल अर्जुन कोवे	1.00		सर्व्हे नं. 64	853 / 11,दि.15.10.92	
		नागाळा	लालाजी यादव धोडरे	1.20		सर्व्हे नं. 64	853 / 9,दि.15.10.92	

Appendix No.LXIV Mul Range continued....

		पिंपळखुट	जनार्दन भिवा तोडासे	1.50		पी.एफ.पिंपळखुट	853 / 10, दि.15.10.92	
						सर्व्हे नं. 44		
		पिंपळखुट	भलदू मोतीराम मेश्राम	2.00		—!!—	859 / 4, दि.22.10.92	
		पिंपळखुट	महादा दाऊ सुरपाम	1.25		—!!—	859 / 3, दि.21.10.92	
		पिंपळखुट	काशीनाथ आडकू गेडाम	2.00		—!!—	859, / 2, दि.21.10.92	
		पिंपळखुट	देवराम तुळशिराम गेडाम	2.00		—!!—	859, / 5, दि.22.10.92	
		पिंपळखुट	महादेव बाला कुळमेथे	1.25		—!!—	859 / 6 दि.22.10.92	
		पिंपळखुट	सदाशिव किसन पेंदाम	1.25		—!!—	859 / 7 दि.23.10.92	
		नंदगुर	कवडु तानबा वडसकर	4.00		पी.एफ.नंदगूर	559 / 21 दि.18.1.93	
		नंदगुर	विठठल धांडु कुळमेथे	4.98		पी.एफ.नंदगूर	559 / 22 दि.18.1.93	
		नंदगुर	गजानन श्रावण डाखरे	7.67		पी.एफ.नंदगूर	559 / 23 दि.18.1.93	
		नंदगुर	उदधव संभा नेरलकर	2.98		पी.एफ.नंदगूर	559 / 24 दि.18.1.93	
		अजयपुर	श्रिरंग धर्मा येरमे	--		पी.एफ.नंदगूर	559 / 25 दि.18.1.93	
		डोणी	पांडुरंग बुध कन्नके	1.04		पी.एफ.नंदगूर	864 / 1 दि.5.1.93	
		पिंपळखुट	दिलीप झिंडु जुमनाके	4.01		पी.एफ.पिंपळखुट	864 / 2 दि.16.1.93	
		पिंपळखुट	फुलारंग महादेव गेडाम	12.25		पी.एफ.पिंपळखुट	864 / 3 दि.16.1.93	
		पिंपळखुट	केशव वानीसा पेंदोर	1.25		पी.एफ.पिंपळखुट	864 / 4 दि.23.1.93	
		पिंपळखुट	जनार्दन भिवा तोडासे	--		पी.एफ.पिंपळखुट	864 / 6 दि.25.1.93	
93.94	..	..	..	--	..	..	..	
94.95	केसलाघाट	हनुमानमंदीर आणि तुकाराम लेनगुरे		0.11		क.न.356	865 / 12 दि.24.4.94	आरोपतर्फे निकाल दिनांक 23.6.98

Appendix No.LXIV Mul Range continued....

		आगडी						
		फुलझरी	वासुदेव रागो टोले	0.5		ख.न.2	939/11 दि.14.11.94	
		फुलझरी	यशवंत जेगु ठाकरे	0.5		ख.न.2	939/13 दि.22.11.94	
		फलझरी	वसंत कवडु मरापे	0.5		ख.न.2	939/12 दि.22.11.94	
		केसलाघाट	केसलाघाट हनुमान मंदीर	0.11		क.न.356	865/14 दि.5.1.95	आरोपतर्फे निकाल दिनांक 23.6.98
95.96		पिंपळखुट	श्रावन मेश्राम	2.5		पी.एफ.पिंपळखुट	943/13 दि.19.6.95	
96.97		चिरोली	नामदेव विठु टेकाम	--		ग.न.648	990/18 दि.16.7.96	
97.98		सुसी	प्रभाकर बालाजी टिकले	--	हटविले	मिश्र रोपवन	1144/1 दि.13.12.97	
						1986.87 मध्ये		
98.99		आगडी	गोमा बुधा मडावी	2.72		सर्व्हे न.166	1138/8 दि.7.8.98	आरोपतर्फे निकाल दिनांक 31.7.2000
								वरील कोर्टात नागपुरला अपील करण्यात आले.
		आगडी	विठठल दादाजी हजारे	0.5		सर्व्हे न.13	1138/7 दि.7.8.98	—वरीलप्रमाणे—
		ताडाळा	पत्रु बळीराम निमगडे	0.06 +27		सर्व्हे न.318	1135/19 दि.7.12.98	मुल न्यायालयात केस प्रविष्ट
		रानतळोधी	महोदन जेनु कोवे	झाडे तोडुन अतिक्रमण केले		क.न.33	995/20 दि.11.1.99	मुल न्यायालयात केस प्रविष्ट
99.2000								
2000.01		खालवसपेठ	युवराज दिगंबर नैताम	1.62		ख.न.762	1151/9 दि.19.7.2000	मुल न्यायालयात केस प्रविष्ट
		खालवसपेठ	भरत गणुजी लेनगुरे	0.38		ख.न.762	1151/10 दि.19.7.2000	मुल न्यायालयात केस प्रविष्ट
		रामपुर दिक्षीत	देवाजी विठठल भलवे	0.12		पी.एम.रामपुर दिक्षीत	1147/14 दि.17.8.2000	
2001.02		---	---	---	---	---	---	---

B. WARORA RANGE

[illegible]

Appendix No. LXIV Warora Range.....

13	99-2000	मांडवघोराड	महादेव सर्जरा माहूरे	0.65	0.65	क.नं.7(ए)	1111 / 1,दि.18.9.99	अतिक्रमण हटविले.
14	99-2000	मांडवघोराड	शालीक मेघाजी थेटे	3.50	3.50	क.नं.7(ए)	1111 / 3,दि.16.1.2000	अतिक्रमण हटविले.
15	99-2000	मांडवघोराड	लक्ष्मण विठू कोयचाडे	2.75	2.75	क.नं.7(ए)	1111 / 4,दि.16.1.2000	अतिक्रमण हटविले.
16	99-2000	मांडवघोराड	लक्ष्मण महादेव कोडापे	2.00	2.00	क.नं.7(ए)	1111 / 5,दि.5.2.2000	अतिक्रमण हटविले.
17	2000-01	0	0	0.00	0.00	0	0	0
18	2001-02	सुर्ला	लावारीस	0.00	0.00	सर्व्ह नं.62 / 2	664 / 15 दि.11.3.2000	अतिक्रमण हटविले.
19	2001-02	सुर्ला	पन्ना विश्वास शेंडे	600 sq Feet	600 sq Feet	सर्व्ह नं.62 / 2	664 / 14,दि.11.3.02	अतिक्रमण हटविले.
20	2001-02	सुर्ला	सुभाष दादाजी पिंपळकर	600 sq Feet	600 sq Feet	सर्व्ह नं.62 / 3	664 / 13,दि.11.3.02	अतिक्रमण हटविले.

C.CHANDRAPUR RANGE

अ.क.	वर्ष	गावांचे नांव	अतिक्रमकांचे नांव	झालेले अतिक्रमण क्षेत्र हेक्टर मध्ये	हटविलेले अतिक्रमण क्षेत्र हेक्टर	कक्ष क्रमांक	पि.ओ.आर. क्रमांक व दि.
1	2	3	4	5	6	7	8
1	1991	0	0	0	---	0	0
1	1992	अडेगांव	लालू गजेश भोई	5 एकर	---	174	880 / 8 दि.1.11.92
2	1992	अडेगांव	अंकुश बंन्सी झांकर	3 एकर	---	174	880 / 9 दि.2.11.92
3	1992	अडेगांव	माखन भंडाराम भोई	5 एकर	---	174	880 / 11,दि.11.11.92
4	1992	अडेगांव	अमरसिंग कान्हू भोई	3 एकर	---	174 ब	880 / 14,दि.10.12.92

Appendix No.LXIV Chandrapur Range Continued.....

1	2	3	4	5	6	7	8
				5 एकर			
5	1992	अडेगांव	बाबूलाल शालीकराम नागवंशी		---	174 ब	880 / 15, दि.11.12.92
6	1992	अडेगांव	महेश्वर कांतारु भोई	5 एकर	---	174 ब	880 / 16 दि.14.12.92
7	1992	अडेगांव	प्रल्हाद मार्कड भोई	5 एकर	---	174 ब	880 / 17 दि.14.12.92
8	1992	अडेगांव	भैरा मजु भाई	3 एकर	---	174 ब	880 / 18, दि.15.12.92
9	1992	अडेगांव	मुजी काउपा भाई	3 एकर	---	174 ब	880 / 19, दि.15.12.92
10	1993	अडेगांव	भाऊराव आंबूजी झांकार	3 एकर	---	174 ब	880 / 21, दि.15.1.93
11	1993	अडेगांव	कुष्णा बंशी झांकार	1.5 एकर	---	174 ब	957 / 6 दि.27.12.92
12	1994	अडेगांव	पांडुरंग बारकू कुभरे	3 एकर	---	174 ब	957 / 8, दि.16.2.94
13	1994	अडेगांव	चीरकुटा रामा कुभरे	3 एकर	---	174 ब	957 / 10, दि.21.2.94
14	1994	अडेगांव	धोडू काशिनाथ येलमूले	1 एकर	---	174 ब	957 / 12, दि.26.2.94
15	1994	अडेगांव	भाऊराव संभूजी चौधरी	1 एकर	---	174 ब	957 / 13, दि. 26.6.94
16	1994	अडेगांव	उध्दव वारलू झरकर	1.5 एकर	---	174 ब	957 / 15, दि.1.3.94
17	1994	अडेगांव	राघो भिवा धानोरकर	1.5 एकर	---	174 ब	957 / 16 दि 2.3.94
18	1994	अडेगांव	गंगाराम किष्णा मुंगाटे	1 एकर	---	174 ब	957 / 17, 8.3.94
19	1994	अडेगांव	गौतम कुहा भोई	1.5 एकर	---	174 ब	957 / 25, 27.7.94
	1995	0	0	0	---	0	0

D.SHIONI RANGE

अतिक्रमण क्षेत्राबाबत माहिती सन 1990 ते मार्च/2002 पर्यंत								
अ.क्र.	वर्ष	गावांचे नांव	अतिक्रमणांचे नांव	झालेले अतिक्रमण हे. क्षेत्र हेक्टर	हटविले अतिक्रमण क्षेत्र	कक्ष क्रमांक	पि.ओआर. क.व दि.	शेरा
1	2	3	4	5	6	7	8	9
1	1991	0	0	0.00	0.00	0	0	
2	1992	0	0	0.00	0.00	0	0	
3	1993	0	0	0.00	0.00	0	0	
4	1994	0	0	0.00	0.00	0	0	
5	1995	0	0	0.00	0.00	0	0	
6	1996	0	0	0.00	0.00	0	0	
7	1997	0	0	0.00	0.00	0	0	
8	1997-98	वासेरा	1)श्री.दुधनाथ मोतीराम खोब्रागडे	1.44	0.00	गट क्र.425 वासेरा	1177 / 14 दि.4.7.97	
		शिवणी	2)श्री. सितकुरा शेंकर रामटेके	0.40	0.00	ख.नं.183 सिरकाडा	1172 / 7,दि. 30.8.97	
		सिरकाडा	3) श्री.भाऊराव बोंडकू कुंभरे	1.00	0.00	ख.नं.183 सिरकाडा	1172 / 8,दि.30.8.97	
		शिवणी	4)श्री. वासूदेव महागू हेडावू	0.40	0.00	ख.नं.183 सिरकाडा	1172 / 9,दि.30.8.97	
9	1998-99	विहीरगांव	1)श्री.मोतीराम रामा दडमल	0.00	0.00	मि.रो.1992,विहीरगांव	1189 / 5,दि.15.11.98	

Appendix No.LXIV Shioni Range continued.....

10	99-2000	वासेरा	1)श्री. धनपाल नारायण कोवले	6.00	6.00	वासेरा सं.वन.ख.न.81	1198 / 21,दि.28.8.99	
			व इतर 122 इसम					
		वासेरा	2)श्री.रामदास येवलू राऊत व इतर1	2.00	2.00	वासेरा सं.वन.ख.न.81	1198 / 22,दि.28.8.99	
		विहीरगांव	3)श्री.रतिराम सदाशिव नन्नावरे	0.00	0.00	रोप.1992	1189 / 12,दि.27.8.99	
		विहीरगांव	4) श्री.मोतीराम रामा आत्राम	0.00	0.00	रोप.1992	1189 / 13, दि. 27.8.99	
		विहीरगांव	5)श्री. झिंगू गोंदू धरत	1.00	1.00	क.नं.220	1189 / 16,दि. 8.9.99	
		कळमगांव	6) श्री. जनार्दन उंदरु मेश्राम व 2	0.60	0.60	ख.नं.665	1193 / 25,दि.8.10.99	
		कळमगांव	7) श्री. जगन वारलू कस्तूरे	0.60	0.60	ख.नं.665	1224 / 1,दि. 08.10.99	
		कळमगांव	8) श्री. देवाजी मंगरु मेश्राम व 2	0.60	0.60	ख.नं.665	1214 / 2,दि.8.10.99	
		मोहबोली	9) श्री. चुनिराम शिवराम आम	0.60	0.60	ख.नं.665	1214 / 3,दि.8.10.99	
		विहीरगांव	10)श्री.दयाराम मारोती भरडे	0.20	0.20	मि.रो.1994	1215 / 1,दि.24.10.99	
		विहीरगांव	11) श्री.रामकृष्ण कवडू सोनवाणे	0.20	0.20	मि.रो.1992	1215 / 3, दि.3.11.99	
		वासेरा	12)श्री. श्रावण तुकाराम सुर्यवेशी 2	4.00	4.00	स.व.वासेरा ख.नं.814	1212 / 10, दि.29.2.2000	
	2000-01	विहीरगांव	1) मधूकर निळकंठ दांडेकर	0.20	0.00	क.नं.220 / 3	1220 / 15,दि.19.7.00	
		वासेरा	2) सुधाकर जनार्दन घाटे व इ.2	5.00		स.व.वासेरा 81 / 1	1219 / 4,दि.12.1.01	
	2001-02	विहीरगांव	1) सदाशिव झुंगा मडावी व इ.3	0.00	0.00	165 / 1पी,2पी,3पी,	1300 / 2,दि.23.9.01	
		पळसगांव	2) बापूना मनिराम शेंडे व इ.3	2.00	0.00	ख.क.233,रोपवन	1300 / 4,दि.26.9.01	