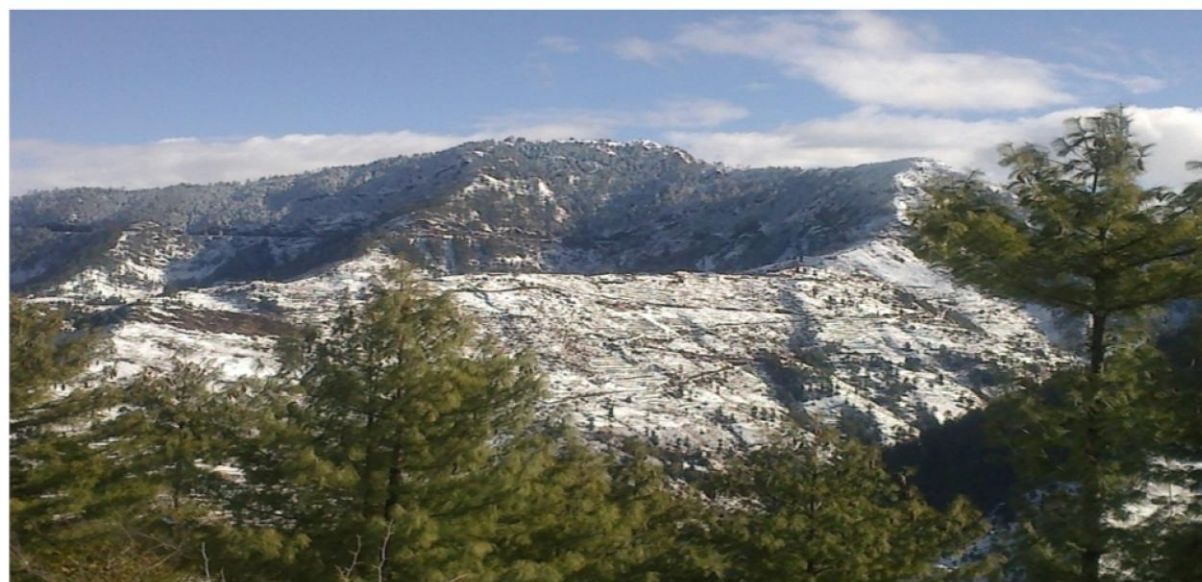


HIMACHAL PRADESH FOREST DEPARTMENT



WORKING PLAN THEOG FOREST DIVISION



VOLUME - II (APPENDICES) (2016-2017 TO 2028-29)

By

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APPENDIX-I
DIVISIONAL AREA STATEMENT
List of Reserve, Demarcated Protected and Un-demarcated Protected Forests

Range	Legal Status, Number & Name of Forests	Comptt/ Sub Comptt.	Gross Area (Hac)	Area of Cultivation (Hac)	Net Area (Hac)	Working Circle	P.B.'s	Remarks
Theog	R-4 Tir Mahasu	C I	48.4	7.2	41.2	Bio-Sphere	-	
	R-4 Tir Mahasu	C II	20.2	-	20.2	-DO-	-	
	R-10 Rajender Rakh	C V	21.8	-	21.8	DEO-KAIL	PB.I	
	R-10 Rajender Rakh	C VI	38.0	-	38.0	-DO-	PB.II	
	R-10 Rajender Rakh	C VII	19.4	-	19.4	-DO-	PB.II	
	R-10 Rajender Rakh	C VIII	44.2	-	44.2	-DO-	PB.I	
	R-10 Rajender Rakh	C IX	37.2	-	37.2	-DO-	PB.III	
	R-10 Rajender Rakh	C X	49.0	-	49.0	-DO-	PB.III	
	R-11 Cheog	C I	24.2	-	24.2	-DO-	PB.I	
	R-11 Cheog	C II	29.2	0.2	29.0	-DO-	PB.II	
	R-11 Cheog	C III	40.4	-	40.4	-DO-	PB.I	
	R-11 Cheog	C IV	28.4	-	28.4	-DO-	PB.I	
	R-11 Cheog	C V	42.8	-	42.8	-DO-	PB.III	
	R-11 Cheog	C VI	61.6	-	61.6	-DO-	PB.II	
	R-11 Cheog	C VII	54.2	-	54.2	-DO-	PB.II	
	D-29 Shali –Ki- Tir	C I	107.5	-	107.5	-DO-	PB.I	
	D-29 Shali- Ki- Tir	C II	96.25	-	96.25	-DO-	PB.II	
	D-29 Shali- Ki-Tir	C III	91.75	-	91.75	-DO-	PB.IV	
	D-30 Richai	-	39.2	9.2	30.0	-DO-	PB.II	
	D-31 Bhaleoth	-	53.0	3.6	49.4	-DO-	PB.I	
	D-32 Khul	-	25.0	4.8	20.2	-DO-	PB.III	
	D-33 Raonal	-	18.6	-	18.6	-DO-	PB.III	
	D-34 Bachlon	-	33.6	-	33.6	-DO-	PB.I	
	D-35 Bagain	-	18.9	-	18.9	-DO-	PB.I	
	D-36 Jalsar	-	53.4	0.4	53.0	-DO-	PB.II	
	D-37 Bharaiog	-	17.4	0.8	16.6	-DO-	PB.I	
	D-38 Kalhari	-	20.2	-	20.2	-DO-	PB.III	

	D-39 Jhalru	C I	21.9	-	21.9	-DO-	PB.IV	
	D-39 Jhalru	C II	14.9	-	14.9	CHIL	PB.III	
	D-40 Naranti	-	198.2	20.2	178.0	Bio-Sphere	-	
	D-41 Dharali	-	46.6	13.4	33.2	-DO-	-	
	D-42 Kufta	-	194.2	32.4	161.8	DEO-KAIL	PB.II	
	D-43 Narel	-	31.6	3.6	28.0	Bio-Sphere	-	
	D-44 Kachi-Kalind	-	73.6	21.4	52.2	-DO-	-	
	D-45 Kathog	-	6.4	-	6.4	DEO-KAIL	PB.II	
	D-46 Karailta Chalan	-	18.6	2.0	16.6	-DO-	PB.III	
	D-47 Lanu	-	81.4	13.4	68.0	Bio-Sphere	-	
	D-48 Shabhog	-	44.8	1.6	43.2	DEO-KAIL	PB.II	
	D-49 Pap	-	44.6	-	44.6	-DO-	PB.III	
	D-50 Narguni	-	44.2	-	44.2	Bio-Sphere	-	
	D-51 Bhalech	C I	24.2	-	24.2	DEO-KAIL	PB.IV	
	D-51 Bhalech	C II	56.6	0.4	56.2	DEO-KAIL	PB.I	
	D-52 Rohru	C I	54.2	37.2	17.0	Bio-Sphere	-	
	D-52 Rohru	C II	56.6	-	56.6	DEO-KAIL	PB.I	
	D-52 Rohru	C III	20.2	-	20.2	Bio-Sphere	-	
	D-53 Bharyana	C I	24.0	-	24.0	-DO-	-	
	D-53 Bharyana	C II	25.0	-	25.0	DEO-KAIL	PB.I	
	D-54 Tungla	-	28.0	-	28.0	DEO-KAIL	PB.IV	
	D-55 Kit Jugo	-	16.2	-	16.2	DEO-KAIL	PB.II	
	D-56 Tatal	-	45.0	-	45.0	-DO-	PB.I	
	D-57 Silu	-	63.6	50.2	13.4	DEO-KAIL	PB.IV	
	D-58 Audh	-	44.0	17.4	26.6	-DO-	PB.I	
	D-59 Gol Tibbi	-	45.0	-	45.0	-DO-	PB.IV	
	D-60 Naur	-	44.6	0.4	44.2	-DO-	PB.II	
	D-61 Sarog	-	14.6	1.2	13.4	-DO-	PB.IV	
	D-103 Sukhajal Jatol	-	119.4	-	119.4	DEO-KAIL	PB.IV	
	D-104 Kangal	-	90.0	17.2	72.8	Bio-Sphere	-	
	D-105 Kachat Nala	-	5.2	-	5.2	-DO-	-	

	D-106 Kadharb	-	10.8	0.2	10.6	DEO-KAIL	PB.III	
	D-107 Kufta	-	57.8	2.4	55.4	-DO-	PB.III	
	D-108 Palaina	-	9.8	-	9.8	-DO-	PB.II	
	D-109 Majroha	C I	43.6	-	43.6	-DO-	PB.I	
	D-109 Majroha	C II	40.6	-	40.6	-DO-	PB.I	
	D-110 Khaneor	-	60.6	-	60.6	CHIL	PB.IV	
	D-111 Gharoli dhar	-	6.0	-	6.0	-DO-	PB.III	
	D-112 Gharail	-	72.6	3.8	68.8	-DO-	PB.III	
	D-113 Khatmail	-	34.8	-	34.8	DEO-KAIL	PB.II	
	D-114 Chowai	-	8.0	-	8.0	-DO-	PB.II	
	D-115 Kalhari	C I	8.0	-	8.0	-DO-	PB.III	
	D-115 Kalhari	C II	76.4	-	76.4	-DO-	PB.II	
	D-115 Kalhari	C III	89.0	-	89.0	-DO-	PB.I	
	D-116 Kanog	-	60.6	-	60.6	-DO-	PB.I	
	D-117 Kanag	-	53.8	2.4	51.4	-DO-	PB.I	
	D-118 Sandhu	-	75.6	4.4	71.2	-DO-	PB.III	
	D-119 Mahog	-	12.2	-	12.2	-DO-	PB.III	
	D-120 Gharol	C I	109.0	8.2	100.8	-DO-	PB.II	
	D-120 Gharol	C II	16.2	-	16.2	DEO-KAIL	PB.IV	
	D-121 Majhogra		8.4	-	8.4	-DO-	PB.III	
	D-122 Sharri		38.0	4.4	33.6	-DO-	PB.II	
	D-123 Shalli Jubhar		10.2	1.8	8.4	-DO-	PB.III	
	D-124 Chichar		132.6	6.4	126.2	-DO-	PB.IV	
	D-125 Kaljahir		167.4	30.6	136.8	Bio-Sphere	-	
	D-126 Guthan	C I	150.8	17.2	133.6	-DO-	-	
	D-126 Guthan	C II	229.8	3.2	226.6	-DO-	-	
	D-126 Guthan	C III	92.4	15.6	76.8	Bio-Sphere	-	
	D-127 Ishta	C I	101.6	19.8	81.8	-DO-	-	
	D-127 Ishta	C II	82.4	48.8	33.6	-DO-	-	
	D-127 Ishta	C III	50.6	-	50.6	-DO-	-	
	U-62 Nal	-	47.0	-	47.0	PLANTATION	-	

U-63 Tikkar	-	31.9	-	31.9	-DO-	-	
U-64 Kandi Bhalot	-	37.8	-	37.8	DEO-KAIL	PB.IV	
U-65 Khila	-	11.9	-	11.9	Bio-Sphere	-	
U-66 Bhog-Bhogra	-	37.0	-	37.0	DEO-KAIL	PB.III	
U-67 Kalju	-	23.9	-	23.9	-DO-	PB.III	
U-68 Rajpura	-	28.4	-	28.4	-DO-	PB.IV	
U-69 Khul	-	23.8	-	23.8	Bio-Sphere	-	
U-70 Gadla	-	38.5	-	38.5	DEO-KAIL	PB.III	
U-71 Ghatlu	-	43.8	-	43.8	-DO-	PB.III	
U-72 Chila	-	5.5	-	5.5	Bio-Sphere	-	
U-73 Gagan Ghati	-	23.3	-	23.3	-DO-	-	
U-74 Baranal	-	116.3	-	116.3	DEO-KAIL	PB.IV	
U-75 Galu	-	2.1	-	2.1	Bio-Sphere	-	
U-76 Bachlon	-	31.0	-	31.0	DEO-KAIL	PB.III	
U-77 Gowas Kufta	-	16.0	-	16.0	-DO-	PB.IV	
U-78 Kiaral	-	23.5	-	23.5	PLANTATION	-	
U-79 Soi	-	16.4	-	16.4	DEO-KAIL	PB.IV	
U-80 Bagain	-	8.2	-	8.2	-DO-	PB.IV	
U-81 Odidhar	-	11.8	-	11.8	-DO-	PB.IV	
U-82 Bharana	-	7.3	-	7.3	CHIL	PB.IV	
U-83 Bhariog	-	11.4	-	11.4	DEO-KAIL	PB.III	
U-84 Parbhech	-	5.0	-	5.0	-DO-	PB.IV	
U-85 Gadaha-Kufar	-	21.4	-	21.4	-DO-	PB.III	
U-86 Sholwi	-	82.3	-	82.3	-DO-	PB-I	
U-87 Chundi	-	99.1	-	99.1	PLANTATION	-	
U-88 Kelwi	-	6.6	-	6.6	Bio-Sphere	-	
U-89 Bajwi	-	30.8		30.8	DEO-KAIL	PB.III	
U-90 Anu-Chalaug	-	6.8		6.8	Bio-Sphere	-	
U-91 Kachi-Kalind	-	14.1		14.1	-DO-	-	
U-92 Katha Nal	-	11.4		11.4	DEO-KAIL	PB.III	
U-93 Kathog		20.7		20.7	-DO-	PB.III	

	U-94 Anoo		10.7		10.7	-DO-	PB.IV	
	U-95 Shabhog		13.7		13.7	Bio-Sphere	-	
	U-96 Dharoli		42.4		42.4	DEO-KAIL	PB.III	
	U-97 Lanoo		34.9		34.9	-DO-	PB.IV	
	U-98 Phadgula		22.4		22.4	CHIL	PB.III	
	U-99 Koti		19.7		19.7	DEO-KAIL	PB.IV	
	U-100 Khanu		13.5		13.5	B/S	-	
	U-101 Majhgaon		8.6		8.6	DEO-KAIL	PB.III	
	U-102 Kathal		48.8		48.8	Bio-Sphere	-	
	U-103 Runkali		35.3		35.3	-DO-	-	
	U-104 Bandru		39.1		39.1	Bio-Sphere	-	
	U-105 Chikhar		32.8		32.8	DEO-KAIL	PB.III	
	U-106 Gowahi- Sanhana		75.2		75.2	Bio-Sphere	-	
	U-107 Pap Jadeog		44.7		44.7	PLANTATION	-	
	U-108 Bhalech		56.6		56.6	Bio-Sphere	-	
	U-109 Thanda		15.8		15.8	-DO-	-	
	U-110 Gharech		21.0		21.0	DEO-KAIL	PB.III	
	U-111 Dhanot		10.9		10.9	-DO-	PB.IV	
	U-112 Rishiali		15.8		15.8	-DO-	PB.IV	
	U-113 Kundli		8.6		8.6	-DO-	PB.IV	
	U-114 Chalaog		16.9		16.9	-DO-	PB.IV	
	U-115 Bhariana		19.0		19.0	-DO-	PB.IV	
	U-116 Baloa		5.6		5.6	Bio-Sphere	-	
	U-117 Tungla		45.0		45.0	-DO-	-	
	U-118 Tikkar		12.0		12.0	Bio-Sphere	-	
	U-119 Shilu		7.2		7.2	-DO-	-	
	U-120 Kit		73.0		73.0	DEO-KAIL	PB.I	
	U-121 Jugo		6.3		6.3	Bio-Sphere	-	
	U-122 Tatal		26.7		26.7	DEO-KAIL	PB.IV	
	U-123 Sainj Kufta		100.4		100.4	Bio-Sphere	-	
	U-124 Audh		25.8		25.8	DEO-KAIL	PB.III	

	U-125 Bagri		36.6		36.6	-DO-	PB.IV	
	U-126 Kiari		38.9		38.9	-DO-	PB.IV	
	U-127 Sarog		23.1		23.1	-DO-	PB.I	
	U-128 Naur		18.1		18.1	Bio-Sphere	-	
	U-129 Manal Kasog		39.2		39.2	DEO-KAIL	PB.IV	
	U-130 Ganechi		11.3		11.3	Bio-Sphere	-	
	U-131 Kandaghat		17.4		17.4	CHIL	PB.IV	
	U-132 Bagoti		11.3		11.3	-DO-	PB.III	
	U-133 Khalashi		271.8		271.8	Bio-Sphere	-	
	U-134 Chehar		97.0		97.0	DEO-KAIL	PB.III	
	U-135 Tikkar Chaunra		170.3		170.3	Bio-Sphere	-	
	U-136 Tir Mahasu		129.5		129.5	Bio-Sphere	-	
	U-137 Bithu Makrol		148.1		148.1	DEO-KAIL	PB.IV	
	U-138 Jahu		182.0		182.0	DEO-KAIL	PB.IV	
	U-139 Khanor Nala		171.1		171.1	-DO-	PB.I	
	U-283 Kangar		12.7		12.7	Bio-Sphere	-	
	U-284 Taprain		76.6		76.6	DEO-KAIL	PB.III	
	U-285 Chauhri		121.4		121.4	Bio-Sphere	-	
	U-286 Kadharab		28.6		28.6	DEO-KAIL	PB.IV	
	U-287 Choli		21.8		21.8	Bio-Sphere	-	
	U-288 Katuri		22.4		22.4	DEO-KAIL	PB.II	
	U-289 Chakril-Bhailla		35.7		35.7	-DO-	PB.II	
	U-290 Bahani		34.8		34.8	-DO-	PB.II	
	U-291 Shili Maila		96.8		96.8	OAK(B)	-	
	U-292 Lal miti		37.0		37.0	Bio-Sphere	-	
	U-293 Salaha		48.6		48.6	DEO-KAIL	PB.III	
	U-294 Nag		115.4		115.4	-DO-	PB.IV	
	U-295 Kanashi		169.1		169.1	PLANTATION	-	
	U-296 Devi Dharech		78.1		78.1	DEO-KAIL	PB.III	
	U-297 Binyor		91.2		91.2	PLANTATION	-	
	U-298 Khagna		54.8		54.8	-DO-	-	

	U-299 Aloti		89.2		89.2	-DO-	-	
	U-300 Loharab		41.7		41.7	Bio-Sphere	-	
	U-301 Banjari		38.4		38.4	PLANTATION	-	
	U-302 Shai		38.4		38.4	DEO-KAIL	PB.IV	
	U-303 Manla		23.1		23.1	CHIL	PB.IV	
	U-304 Manglechi		9.3		9.3	-DO-	PB.IV	
	U-305 Dhalian		33.6		33.6	Bio-Sphere	-	
	U-306 Khaneor		2.4		2.4	-DO-	-	
	U-307 Dohan		6.2		6.2	CHIL	PB.IV	
	U-308 Shariana		43.4		43.4	PLANTATION	-	
	U-309 Khariana		5.3		5.3	Bio-Sphere	-	
	U-310 Garenj		3.4		3.4	-DO-	-	
	U-311 Majroha		22.9		22.9	DEO-KAIL	PB.II	
	U-312 Bagri		10.0		10.0	Bio-Sphere	-	
	U-313 Narchat		18.0		18.0	-DO-	-	
	U-314 Ronai		30.4		30.4	-DO-	-	
	U-315 Palaina		47.8		47.8	DEO-KAIL	PB.III	
	U-316 Raghora		125.1		125.1	B/S	-	
	U-317 Bani		1.8		1.8	-DO-	-	
	U-318 Reyog		24.4		24.4	-DO-	-	
	U-319 Batlar		1.8		1.8	Bio-Sphere	-	
	U-320 Satrail		23.5		23.5	DEO-KAIL	PB.IV	
	U-321 Janog		0.7		0.7	Bio-Sphere	-	
	U-322 Kur		5.9		5.9	-DO-	-	
	U-323 Jais		8.6		8.6	PLANTATION	-	
	U-324 Lelu		11.5		11.5	-DO-	-	
	U-325 Parala		9.5		9.5	-DO-	-	
	U-326 Gajeri		95.2		95.2	-DO-	-	
	U-327 Nehra		366.7		366.7	-DO-	-	
	U-328 Kareli		216.5		216.5	Bio-Sphere	-	
	U-329 Sarewan Jhakri		62.5		62.5	PLANTATION	-	

	U-330 Halai Manjholi		121.9		121.9	-DO-	-	
	U-331 Karuth		48.6		48.6	DEO-KAIL	PB.II	
	U-332 Paltuhun		69.4		69.4	-DO-	PB.III	
	U-333 Bago-Sandhu		74.7		74.7	Bio-Sphere	-	
	U-334 Dakana		84.2		84.2	-DO-	-	
	U-335 Kelra		79.4		79.4	PLANTATION	-	
	U-336 Shalog		8.0		8.0	Bio-Sphere	-	
	U-337 Bajo		6.4		6.4	Bio-Sphere	-	
	U-338 Gahru		6.6		6.6	Bio-Sphere	-	
	U-339 Charoi		18.2		18.2	Bio-Sphere	-	
	U -340 Sharri		6.8		6.8	DEO-KAIL	PB.IV	
	U- 341 Karani		15.9		15.9	PLANTATION	-	
	U- 342 Pantha		12.8		12.8	-DO-	-	
	U-343 Shilo Nal		22.4		22.4	-DO-	-	
	U-344 Nani		95.0		95.0	-DO-	-	
	U-345 Dhench		38.0		38.0	-DO-	-	
	U-346 Guthan		84.2		84.2	Bio-Sphere	-	
	U- 347 Kalind		20.6		20.6	DEO-KAIL	PB.III	
	U- 348 Kawhort		38.2		38.2	PLANTATION	-	
	U-349 Dhar		46.6		46.6	DEO-KAIL	PB.III	
	U-350 Jantha		78.4		78.4	PLANTATION	-	
	U- 351 Manlog Rehan		64.8		64.8	-DO-	-	
	U- 352 Kalahar		147.3		147.3	-DO-	-	
	U- 353 Bandil		42.2		42.2	Bio-Sphere	-	
	U- 354 Raaho		156.9		156.9	PLANTATION	-	
	U- 355 Dhanu		68.6		68.6	-DO-	-	
Balson	D -128 Bawar	-	8.0	-	8.0	DEO-KAIL	PB.IV	
	D-129 Jearna	-	6.4	-	6.4	DEO-KAIL	PB.II	
	D-130 Chandni	-	24.2	-	24.2	DEO-KAIL	PB.I	
	D-131 Deha	C - I	89.0	-	89.0	DEO-KAIL	PB.III	
	D-131 Deha	C II	93.0	-	93.0	DEO-KAIL	PB.I	

	D-131 Deha	C III	44.6	-	44.6	DEO-KAIL	PB.I	
	D-131 Deha	C IV	27.2	-	27.2	DEO-KAIL	PB.I	
	D-132 Barog	C I	6.8	0.8	6.0	DEO-KAIL	PB.III	
	D-132 Barog	C II	6.4	-	6.4	DEO-KAIL	PB.I	
	D-133 Ghorna	C I	109.2	-	109.2	DEO-KAIL	PB.III	
	D-133 Ghorna	C II	21.4	-	21.4	DEO-KAIL	PB.I	
	D-134 Doba	C I	23.0	-	23.0	DEO-KAIL	PB.I	
	D-134 Doba	C II	24.2	0.8	23.4	DEO-KAIL	PB.III	
	D-135 Ducheha	-	37.5	-	37.5	DEO-KAIL	PB.I	
	D-136 Kufta	-	30.0	-	30.0	DEO-KAIL	PB.III	
	D-137 Kadharan	-	95.0	-	95.0	DEO-KAIL	PB.III	
	D-138 Khagna	C I	45.2	3.6	41.6	DEO-KAIL	PB.III	
	D-138 Khagna	C II	91.8	-	91.8	DEO-KAIL	PB.III	
	D-138 Khagna	C III	37.6	-	37.6	DEO-KAIL	PB.III	
	D-138 Khagna	C IV	74.0	-	74.0	FIR/SPRUCE	PB. Un- Allotted	
	D-139 Chadaha	C I	136.0	66.0	70.0	DEO-KAIL	PB.III	
	D-139 Chadaha	C II	25.8	-	25.8	DEO-KAIL	PB.III	
	D-139 Chadaha	C III	95.4	9.2	86.2	DEO-KAIL	PB.I	
	D-139 Chadaha	C IV	126.6	-	126.6	FIR/SPRUCE	PB.I	
	D-139 Chadaha	C V	34.0	-	34.0	FIR/SPRUCE	PB.I	
	D-139 Chadaha	C VI	74.4	-	74.4	Bio-Sphere	-	
	D-140 Lakhoti	C I	62.4	12.6	49.8	DEO-KAIL	PB.I	
	D-140 Lakhoti	C II	42.0	-	42.0	DEO-KAIL	PB.III	
	D-140 Lakhoti	C III	75.6	21.0	54.6	DEO-KAIL	PB.II	
	D-140 Lakhoti	C IV	44.6	-	44.6	DEO-KAIL	PB.II	
	D-140 Lakhoti	C V	4.0	-	4.0	DEO-KAIL	PB.I	
	D-141 Sujna	C I	69.6	4.0	65.6	FIR/SPRUCE	PB. Un- Allotted	
	D-141 Sujna	C II	25.4	-	25.4	DEO-KAIL	PB.I	
	D-141 Sujna	C III	23.8	-	23.8	DEO-KAIL	PB.III	
	D-141 Sujna	C IV	21.8	-	21.8	FIR/SPRUCE	PB. Un- Allotted	

	D-142 Chambi	C I	48.0	6.0	42.0	FIR/SPRUCE	PB. Un- Allotted	
	D-142 Chambi	C II	33.6	-	33.6	DEO-KAIL	PB.I	
	D-143 Kohlu Ka Nal	-	35.6	0.4	35.2	DEO-KAIL	PB.II	
	D-144 Kalna	-	13.4	1.2	12.2	DEO-KAIL	PB.I	
	D-145 Lohala	-	15.4	.04	15.0	DEO-KAIL	PB.I	
	D-146 Chilla	-	13.8	1.6	12.2	DEO-KAIL	PB.II	
	D-147 Majhelia	C I	35.6	5.6	30.0	DEO-KAIL	PB.I	
	D-147 Majhelia	C II	29.2	-	29.2	DEO-KAIL	PB.IV	
	D-148 Chadren	C I	56.6	3.2	53.4	DEO-KAIL	PB.I	
	D-148 Chadren	C II	74.0	1.6	72.4	DEO-KAIL	PB.III	
	D-148 Chadren	C III	8.4	-	8.4	DEO-KAIL	PB.IV	
	D-149 Dabar	C I	71.6	6.0	65.6	DEO-KAIL	PB.I	
	D-149 Dabar	C II	32.4	-	32.4	DEO-KAIL	PB.II	
	D-150 Bagroa	C I	13.4	-	13.4	Bio-Sphere	-	
	D-150 Bagroa	C II	58.6	8.8	49.8	DEO-KAIL	PB.II	
	D-151 Khalot Kalala	-	25.4	-	25.4	DEO-KAIL	PB.II	
	D-152 Thanedhar	-	16.2	-	16.2	DEO-KAIL	PB.II	
	D-153 Bar	-	19.8	-	19.8	DEO-KAIL	PB.III	
	D-154 Nao	-	18.6	-	18.6	DEO-KAIL	PB.I	
	D-155 Kolhnu	-	36.0	-	36.0	DEO-KAIL	PB.I	
	D-156 Badar	-	51.8	-	51.8	DEO-KAIL	PB.II	
	D-157 Kahrli	-	57.4	-	57.4	DEO-KAIL	PB.II	
	D-158 Chalen	-	20.2	-	20.2	DEO-KAIL	PB.III	
	D-159 Nagdhar	-	16.0	-	16.0	DEO-KAIL	PB.I	
	D-160 Panelti	-	17.0	-	17.0	DEO-KAIL	PB.II	
	D-161 Biran	C I	127.0	-	127.0	Bio-Sphere	-	
	D-161 Biran	C II	99.5	86.2	13.3	Bio-Sphere	-	
	U- 356 Kanori	-	131.6	-	131.6	PLANTATION	-	
	U- 357 Tikker Baroth	-	134.6	-	134.6	PLANTATION	-	
	U- 358 Chakhana	-	119.1	-	119.1	Bio-Sphere	-	
	U- 359 Dashiya	-	44.5	-	44.5	PLANTATION	-	

	U- 360 Ghog	C I	125.5	-	125.5	DEO-KAIL	PB.IV	
	U- 360 Ghog	C II	244.7	-	244.7	PLANTATION	-	
	U- 361 Kishour	-	368.8	-	368.8	PLANTATION	-	
	U- 362 Deothi	-	231.3	-	231.3	PLANTATION	-	
	U- 363 Punder	-	24.0	-	24.0	PLANTATION	-	
	U- 364 Mahroug	-	354.4	-	354.4	PLANTATION	-	
	U- 365 Banea	-	114.8	-	114.8	PLANTATION	-	
	U- 366 Khaner	-	287.3	-	287.3	PLANTATION	-	
	U- 367 Nanu –Mundu	-	109.4	-	109.4	PLANTATION	-	
	U- 368 Rail	-	257.2	-	257.2	PLANTATION	-	
	U - 369 Dagkli	-	424.6	-	424.6	PLANTATION	-	
	U- 370 Kargoli	-	202.7	-	202.7	PLANTATION	-	
	U- 371 Chambil Bakhiyan	-	217.9	-	217.9	Bio-Sphere	-	
	U- 372 Kharori	-	122.2	-	122.2	Bio-Sphere	-	
	U- 373 Shilla	-	121.7	-	121.7	DEO-KAIL	PB.IV	
	U- 374 Deha	-	43.9	-	43.9	Bio-Sphere	-	
	U- 375 Ragsa	-	51.1	-	51.1	DEO-KAIL	PB.I	
	U- 376 Ghorna	-	25.3	-	25.3	DEO-KAIL	PB.I	
	U- 377 Ganog	-	20.6	-	20.6	DEO-KAIL	PB.III	
	U- 378 Kadheran	-	11.5	-	11.5	Bio-Sphere	-	
	U- 379 Shilguri	-	68.6	-	68.6	Bio-Sphere	-	
	U- 380 Narwa	-	37.1	-	37.1	Bio-Sphere	-	
	U- 381 Mashalta	-	114.6	-	114.6	DEO-KAIL	PB.I	
	U- 382 Kalnate	-	17.7	-	17.7	DEO-KAIL	PB.III	
	U- 383 Chaleil	-	11.2	-	11.2	Bio-Sphere	-	
	U- 384 Kothi	-	30.5	-	30.5	DEO-KAIL	PB.III	
	U- 385 Maniun	-	9.4	-	9.4	Bio-Sphere	-	
	U- 386 Deothi	-	274.5	-	274.5	Bio-Sphere	-	
	U- 387 Jorna	-	6.8	-	6.8	Bio-Sphere	-	
	U- 388 Chilla	-	6.6	-	6.6	Bio-Sphere	-	
	U- 389 Janahan	-	117.2	-	117.2	Bio-Sphere	-	

	Chadran							
	U- 390 Tali – Kholna	C I	60.8	-	60.8	BAN (OAK)	-	
	U- 390 Tali- Kholna	C II	47.40	-	47.40	PLANTATION	-	
	U- 391 Dhar	-	11.8	-	11.8	Bio-Sphere	-	
	U- 392 Neha Kopar	C I	182.2	-	182.2	DEO-KAIL	PB.I	
	U- 392 Neha Kooar	C II	98.5	-	98.5	PLANTATION	-	
	U- 393 Banari	-	134.4	-	134.4	PLANTATION	-	
	U- 394 Thanedhar	-	263.7	-	263.7	PLANTATION	-	
	U -395 Karyana	-	136.4	-	136.4	PLANTATION	-	
	U- 396 Balgarh	-	151.6	-	151.6	PLANTATION	-	
	U- 397 Charen	-	40.0	-	40.0	PLANTATION	-	
	U- 398 Khaliot	-	24.0	-	24.0	DEO-KAIL	PB.III	
	U- 399 Bagra	-	9.8	-	9.8	Bio-Sphere	-	
	U- 400 Palo	-	34.8	-	34.8	Bio-Sphere	-	
	U- 401 Khar	-	10.0	-	10.0	DEO-KAIL	PB.III	
	U- 402 Balala	-	22.4	-	22.4	Bio-Sphere	-	
	U- 403 Balala	-	40.4	-	40.4	DEO-KAIL	PB.III	
	U- 404 Dassna	-	99.1	-	99.1	DEO-KAIL	PB.IV	
Kotkh ai	R-12 Rantu	-	40.0	-	40.0	DEO-KAIL	PB.I	
	R -13 Chambi Kuper	C I	18.2	-	18.2	Bio-Sphere	-	
	R -13 Chambi Kuper	C IIa	73.2	-	73.2	DEO-KAIL	PB.II	
	R -13 Chambi Kuper	C IIb	22.4	-	22.4	DEO-KAIL	PB.III	
	R -13 Chambi Kuper	C IIIa	50.2	-	50.2	DEO-KAIL	PB.IV	
	R -13 Chambi Kuper	C IIIb	59.0	-	59.0	Bio-Sphere	-	
	R -13 Chambi Kuper	C IV a	41.6	-	41.6	DEO-KAIL	PB.I	
	R -13 Chambi Kuper	C IV b	91.8	-	91.8	DEO-KAIL	PB.IV	
	R -13 Chambi Kuper	C V	108.4	-	108.4	FIR/SPRUCE	PB. Un- Allotted	
	R -13 Chambi Kuper	C VI	80.6	-	80.6	DEO-KAIL	PB.I	
	R -13 Chambi Kuper	C VII a	38.8	-	38.8	DEO-KAIL	PB.IV	
	R -13 Chambi Kuper	C VII b	15.4	-	15.4	DEO-KAIL	PB.III	

	R -13 Chambi Kuper	C VII c	34.4	-	34.4	DEO-KAIL	PB.II	
	R -13 Chambi Kuper	C VIII	46.6	-	46.6	FIR/SPRUCE	PB. Un-Allotted	
	R -13 Chambi Kuper	C IX a	68.8	-	68.8	DEO-KAIL	PB.IV	
	R -13 Chambi Kuper	C IX b	64.8	-	64.8	FIR/SPRUCE	PB. Un-Allotted	
	R -13 Chambi Kuper	C X	137.6	-	137.6	FIR/SPRUCE	PB.I	
	R -13 Chambi Kuper	C XI a`	38.4	-	38.4	FIR/SPRUCE	PB. Un-Allotted	
	R -13 Chambi Kuper	C XI b	81.0	-	81.0	FIR/SPRUCE	PB. Un-Allotted	
	R -13 Chambi Kuper	C XI c	42.0	-	42.0	FIR/SPRUCE	PB. Un-Allotted	
	R -13 Chambi Kuper	C XII a	52.6	-	52.6	FIR/SPRUCE	PB. Un-Allotted	
	R -13 Chambi Kuper	C XII b	125.4	-	125.4	FIR/SPRUCE	PB. Un-Allotted	
	R -13 Chambi Kuper	C XII c	29.2	-	29.2	DEO-KAIL	PB.IV	
	R -13 Chambi Kuper	C XII d	25.4	-	25.4	Bio-Sphere	-	
	R -13 Chambi Kuper	C XIII a	194.2	-	194.2	Bio-Sphere	-	
	R -13 Chambi Kuper	C XIII b	47.0	-	47.0	Bio-Sphere	-	
	R -13 Chambi Kuper	C XIII c	55.8	-	55.8	Bio-Sphere	-	
	R -13 Chambi Kuper	C XIII d	161.8	-	161.8	Bio-Sphere	-	
	R -13 Chambi Kuper	C XIII e	74.4	-	74.4	Bio-Sphere	-	
	R -14 Saliana	-	21.4	-	21.4	DEO-KAIL	PB.II	
	R -15 Tomru	C I	57.8	-	57.8	Bio-Sphere	-	
	R -15 Tomru	C II	25.4	-	25.4	DEO-KAIL	PB.IV	
	R -15 Tomru	C III a	20.2	-	20.2	Bio-Sphere	-	
	R -15 Tomru	C III b	25.0	-	25.0	Bio-Sphere	-	
	R -15 Tomru	C III c	16.2	-	16.2	DEO-KAIL	PB.IV	
	R -15 Tomru	C IV	64.8	-	64.8	Bio-Sphere	-	
	R -15 Tomtu	C V	105.2	-	105.2	Bio-Sphere	-	
	R-16 Kalala	C I	24.6	-	24.6	DEO-KAIL	PB.III	
	R-16 Kalala	C II	17.0	-	17.0	DEO-KAIL	PB.III	
	R-16 Kalala	C III a	14.6	-	14.6	Bio-Sphere	-	

	R-16 Kalala	C III b	7.2	-	7.2	DEO-KAIL	PB.II	
	R-16 Kalala	C IV	23.2	-	23.2	DEO-KAIL	PB.I	
	R-16 Kalala	C V a	9.2	-	9.2	DEO-KAIL	PB.IV	
	R-16 Kalala	C V b	13.0	-	13.0	DEO-KAIL	PB.II	
	R-16 Kalala	C V c	10.6	-	10.6	DEO-KAIL	PB.II	
	R-16 Kalala	C VI a	23.0	-	23.0	DEO-KAIL	PB.II	
	R-16 Kalala	C VI b	26.2	-	26.2	DEO-KAIL	PB.II	
	R-16 Kalala	C VII	18.6	-	18.6	DEO-KAIL	PB.II	
	R-16 Kalala	C VIII a	3.6	-	3.6	DEO-KAIL	PB.IV	
	R-16 Kalala	C VIII b	8.4	-	8.4	DEO-KAIL	PB.III	
	R-16 Kalala	C VIII c	6.8	-	6.8	DEO-KAIL	PB.II	
	R-16 Kalala	C IX	14.6	-	14.6	DEO-KAIL	PB.IV	
	R-16 Kalala	C X a	22.6	-	22.6	DEO-KAIL	PB.IV	
	R-16 Kalala	C X b	13.0	-	13.0	DEO-KAIL	PB.II	
	R-16 Kalala	C XI a	6.0	-	6.0	DEO-KAIL	PB.IV	
	R-16 Kalala	C XI b	13.0	-	13.0	DEO-KAIL	PB.II	
	R-16 Kalala	C XII	14.2	-	14.2	DEO-KAIL	PB.II	
	R-16 Kalala	C XIII	27.2	-	27.2	DEO-KAIL	PB.III	
	R-16 Kalala	C XIV	15.4	-	15.4	DEO-KAIL	PB.IV	
	R-16 Kalala	C XV	12.6	-	12.6	DEO-KAIL	PB.II	
	R-16 Kalala	C XVI a	11.0	-	11.0	DEO-KAIL	PB.III	
	R-16 Kalala	C XVI b	13.8	-	13.8	Bio-Sphere	-	
	D-162 Koti	C I	108.4	19.4	89.0	DEO-KAIL	PB.II	
	D-162 Koti	C II	42.0	-	42.0	DEO-KAIL	PB.I	
	D-163 Kadahi	-	38.8	-	38.8	DEO-KAIL	PB.II	
	D-164 Shirgal	C I	71.2	-	71.2	DEO-KAIL	PB.II	
	D-164 Shirgal	C II	27.6	-	27.6	DEO-KAIL	PB.II	
	D-164 Shirgal	C III	19.4	-	19.4	DEO-KAIL	PB.III	
	D-164 Shirgal	C IV	34.4	-	34.4	DEO-KAIL	PB.II	
	D-164 Shirgal	C V	28.4	-	28.4	DEO-KAIL	PB.IV	
	D-164 Shirgal	C VI	18.2	-	18.2	DEO-KAIL	PB.II	

D-164 Shirgal	C VII	28.8	-	28.8	DEO-KAIL	PB.III	
D-164 Shirgal	C VIII	32.4	-	32.4	DEO-KAIL	PB.III	
D-164 Shirgal	C IX	28.4	-	28.4	DEO-KAIL	PB.I	
D-165 Kathin	-	18.2	-	18.2	DEO-KAIL	PB.II	
D-166 Hara Raita	C I	115.0	14.2	100.8	FIR/SPRUCE	PB. Un- Allotted	
D-166 Hara Raita	C II	49.4	3.2	46.2	DEO-KAIL	PB.II	
D-166 Hara Raita	C III	20.2	-	20.2	DEO-KAIL	PB.II	
D-166 Hara Raita	C IV	32.0	-	32.0	DEO-KAIL	PB.I	
D-166 Hara Raita	C V	22.2	-	22.2	DEO-KAIL	PB.I	
D-167 Drabal	C I	75.0	-	75.0	FIR/SPRUCE	PB. Un- Allotted	
D-167 Drabal	C II	69.2	1.6	67.6	FIR/SPRUCE	PB.I	
D-167 Drabal	C III	18.2	-	18.2	DEO-KAIL	PB.I	
D-167 Drabal	C IV	232.0	-	232.0	FIR/SPRUCE	PB. Un- Allotted	
D-168 Paulka Niche	C I	26.2	-	26.2	FIR/SPRUCE	PB. Un- Allotted	
D-168 Paulka Niche	C II	64.4	26.8	37.6	DEO-KAIL	PB.II	
D-168 Paulka Niche	C III	48.6	-	48.6	DEO-KAIL	PB.III	
D-168 Paulka Niche	C IV	161.8	-	161.8	FIR/SPRUCE	PB. Un- Allotted	
D-169 Katech	C I	62.8	-	62.8	Bio-Sphere	-	
D-169 Katech	C II	154.1	28.7	125.4	DEO-KAIL	PB.IV	
D-170 Bedar	-	1.6	-	1.6	DEO-KAIL	PB.II	
D-171 Kamhali	C I	29.2	-	29.2	DEO-KAIL	PB.I	
D-171 Kamhali	C II	12.6	-	12.6	DEO-KAIL	PB.III	
D-171 Kamhali	C III	56.6	21.0	35.6	DEO-KAIL	PB.II	
D-172 Deora Nal	-	4.0	-	4.0	DEO-KAIL	PB.I	
D-173 Saliana	-	18.6	-	18.6	DEO-KAIL	PB.II	
D-174 Parahal	-	3.6	-	3.6	DEO-KAIL	PB.II	
D-175 Nagtir	C I	20.2	-	20.2	DEO-KAIL	PB.II	
D-175 Nagtir	C II	31.2	-	31.2	DEO-KAIL	PB.IV	
D-176 Bani	C I	28.4	-	28.4	Bio-Sphere	-	

	D-176 Bani	C II	12.2	-	12.2	Bio-Sphere	-	
	D-176 Bani	C III	26.0	-	26.0	BAN (OAK)	-	
	D 177 Gahan -Jarahi	C I	26.2	-	26.2	Bio-Sphere	-	
	D-177 Gahan -Garahi	C II	14.2	-	14.2	FIR/SPRUCE	PB. Un- Allotted	
	D-177 Gahan -Garahi	C III	50.6	-	50.6	DEO-KAIL	PB.III	
	D-177 Gahan -Garahi	C IV	58.6	-	58.6	Bio-Sphere	-	
	D-177 Gahan -Garahi	C V	30.8	-	30.8	FIR/SPRUCE	PB.I	
	D-178 Gawali Dhar	-	52.2	-	52.2	DEO-KAIL	PB.III	
	D-179 Nagrela	C I	41.2	-	41.2	DEO-KAIL	PB.I	
	D-179 Nagrela	C II	110.0	-	110.0	DEO-KAIL	PB.II	
	D-180 Kalala	-	13.0	-	13.0	DEO-KAIL	PB.II	
	D-181 Rasala	C I	61.0	-	61.0	DEO-KAIL	PB.III	
	D-181 Rasala	C II	68.8	-	68.8	DEO-KAIL	PB.III	
	D-181 Rasala	C III	59.8	-	59.8	Bio-Sphere	-	
	D-182 Rela	C I	176.6	-	176.6	Bio-Sphere	-	
	D-182 Rela	C II	24.2	-	24.2	DEO-KAIL	PB.IV	
	D-183 Jaroth	C I	70.8	-	70.8	DEO-KAIL	PB.I	
	D-183 Jaroth	C II	57.8	-	57.8	Bio-Sphere	-	
	D-184 Tharu	C I	32.4	-	32.4	Bio-Sphere	-	
	D-184 Tharu	C II	34.4	-	34.4	DEO-KAIL	PB.IV	
	D-184 Tharu	C III	22.2	-	22.2	DEO-KAIL	PB.II	
	D-184 Tharu	C IV	322.2	-	322.2	Bio-Sphere	-	
	D-185 Baghal	C I	72.4	-	72.4	Bio-Sphere	-	
	D-185 Baghal	C II	64.8	-	64.8	DEO-KAIL	PB.I	
	D-185 Baghal	C III	117.4	-	117.4	Bio-Sphere	-	
	D-186 Gohach	C I	59.1	-	59.1	DEO-KAIL	PB.I	
	D-186 Gohach	C II	65.6	-	65.6	DEO-KAIL	PB.II	
	D-186 Gohach	C III	104.0	-	104.0	DEO-KAIL	PB.I	
	D-186 Gohach	C IV	160.7	-	160.7	Bio-Sphere	-	
	D-186 Gohach	C V	24.7	-	24.7	Bio-Sphere	-	
	D-187 Jarahi	C I	48.6	-	48.6	DEO-KAIL	PB.III	

	D-187 Jarahi	C II	48.9	-	48.9	DEO-KAIL	PB.II	
	D-187 Jarahi	C III	29.5	-	29.5	DEO-KAIL	PB.I	
	D- 188 Mihani	C I	44.9	-	44.9	DEO-KAIL	PB.III	
	D- 188 Nihani	C II	51.0	-	51.0	DEO-KAIL	PB.II	
	D- 188 Mihani	C III	34.4	-	34.4	DEO-KAIL	PB.III	
	D- 188 Mihani	C IV	65.6	-	65.6	DEO-KAIL	PB.III	
	D-189 Naganali	C I	40.9	-	40.9	DEO-KAIL	PB.I	
	D- 189 Naganali	C II	73.7	-	73.7	DEO-KAIL	PB.I	
	D-190 Mail	C I a	93.48	-	93.48	Bio-Sphere	-	Transferred from Rohru division vide HP Govt. notification No. FFE-A-(A) 1-3-98 pt. dated Shimla 171002, 21.12.1999.
	D- 191 Ratnari	C 1(b)	43.23	-	43.23	DEO-KAIL	PB.I	
	D- 191 Ratnari	C 1(c)	57.73	-	57.73	DEO-KAIL	PB.I	
	D- 192 Sonabatola	C 2 b II	75.52	-	75.52	DEO-KAIL	PB.I	
	D- 192 Sonabatola	C 2 b I	46.94	-	46.94	DEO-KAIL	PB.II	
	D- 193 Baghi	C II (a)	40.87	-	40.87	DEO-KAIL	PB.I	
	U- 405 Jhanu	-	38.6	-	38.6	Bio-Sphere	-	
	U- 406 Koti	-	76.1	-	76.1	DEO-KAIL	PB.IV	
	U- 407 Danogra	-	9.1	-	9.1	Bio-Sphere	-	
	U- 408 Bakhal Barnu	-	30.8	-	30.8	Bio-Sphere	-	
	U- 409 Majholi	-	6.4	-	6.4	Bio-Sphere	-	
	U – 410 Ruind Mahasu	-	51.4	-	51.4	Bio-Sphere	-	
	U- 411 Bagra	-	7.2	-	7.2	PLANTATION	-	
	U- 412 Dhangui	-	15.1	-	15.1	PLANTATION	-	
	U- 413 Chanunri Dag	-	1.1	-	1.1	PLANTATION	-	
	U- 414 Didi Dashot	-	21.0	-	21.0	PLANTATION	-	
	U- 415 Ilahila	-	7.2	-	7.2	PLANTATION	-	
	U- 416 Shadoli Kathain	-	25.5	-	25.5	DEO-KAIL	PB.III	
	U- 417 Bandli	-	3.4	-	3.4	Bio-Sphere	-	
	U- 418 Badar	-	7.7	-	7.7	Bio-Sphere	-	
	U- 419 Bhog Dharnok	-	14.1	-	14.1	Bio-Sphere	-	

	U -420 Chaithala	-	78.2	-	78.2	Bio-Sphere	-	
	U -421 Pandli	-	89.9	-	89.9	PLANTATION	-	
	U- 422 Pungrish	-	15.4	-	15.4	Bio-Sphere	-	
	U- 423 Domehar	-	4.1	-	4.1	Bio-Sphere	-	
	U- 424 Chalnair	-	4.0	-	4.0	Bio-Sphere	-	
	U- 425 Kanog-Jalath	-	19.6	-	19.6	Bio-Sphere	-	
	U- 426 Kallinu	-	26.0	-	26.0	Bio-Sphere	-	
	U- 427 Chhajoli	-	8.0	-	8.0	Bio-Sphere	-	
	U- 428 Nihari	-	4.0	-	4.0	Bio-Sphere	-	
	U- 429 Chewar	-	16.4	-	16.4	Bio-Sphere	-	
	U- 430 Kuri-Mohali	-	39.7	-	39.7	DEO-KAIL	PB.I	
	U- 431 Kadoli	-	27.4	-	27.4	DEO-KAIL	PB.IV	
	U- 432 Jauni	-	75.6	-	75.6	Bio-Sphere	-	
	U 433 Shaun-Shoshan	-	32.5	-	32.5	Bio-Sphere	-	
	U-434 Badwi	-	93.9	-	93.9	Bio-Sphere	-	
	U-435 Saliana	-	6.8	-	6.8	Bio-Sphere	-	
	U- 436 Santari Mundhroli	-	8.1	-	8.1	DEO-KAIL	PB.IV	
	U-437 Gajta	-	13.5	-	13.5	Bio-Sphere	-	
	U- 438 Kuriali	-	7.7	-	7.7	Bio-Sphere	-	
	U- 439 Bhanter- Shil	-	15.8	-	15.8	Bio-Sphere	-	
	U-440 Darkoti	-	124.8	-	124.8	PLANTATION	-	
	U- 441 Jhandoli Kherena	-	44.0	-	44.0	PLANTATION	-	
	U- 442 Dawandi Marathu	-	40.0	-	40.0	PLANTATION	-	
	U-443 Tomru	-	112.6	-	112.6	DEO-KAIL	PB.III	
	U-444 Tahu	-	194.1	-	194.1	PLANTATION	-	
	U-445 Pajahali	-	33.4	-	33.4	PLANTATION	-	
	U-446 Tahtoli	-	43.0	-	43.0	PLANTATION	-	
	U-447 Bajoa- Kupri	-	35.0	-	35.0	PLANTATION	-	
	U -448 Tharola-Balog	C I	61.0	-	61.0	Bio-Sphere	-	
	U-448 Tharola-Balog	C II	142.0	-	142.0	Bio-Sphere	-	

	U-448 Tharola-Balog	C III	101.0	-	101.0	Bio-Sphere	-	
	U- 449 Gahali Dhar	-	14.0	-	14.0	Bio-Sphere	-	
	U-450 Deori- Barsari	-	28.0	-	28.0	Bio-Sphere	-	
	U-451 Jashla	-	90.3	-	90.3	Bio-Sphere	-	
	U- 452 Tamnoti	-	9.5	-	9.5	Bio-Sphere	-	
	U- 453 Dobar	-	6.4	-	6.4	Bio-Sphere	-	
	U-454 Along	-	112.2	-	112.2	DEO-KAIL	PB.IV	
	U- 456 Thanari	C I	46.5	-	46.5	DEO-KAIL	PB.I	
	U-455 Thanari	C II	48.4	-	48.4	BAN (OAK)	-	
	U- 456 Reog Badruni		193.0	-	193.0	DEO-KAIL	PB.IV	
	U-457 Bari Dakhol	-	54.2	-	54.2	PLANTATION	-	
	U-458 Koti	-	0.9	-	0.9	PLANTATION	-	
	U-459 Ghassi Gaon	-	23.5	-	23.5	PLANTATION	-	
	U-460 Bakneyol	-	66.3	-	66.3	PLANTATION	-	
	U - 461 Purag	-	89.8	-	89.8	PLANTATION	-	
	U-462 Chadiana	-	32.0	6.0	26.0	Bio-Sphere	-	
	U-463 Rukhal	-	56.0	-	56.0	Bio-Sphere	-	
	U-464 Kith	-	85.0	-	85.0	Bio-Sphere	-	
	U-465 Bagain Jubar	-	195.1	-	195.1	Bio-Sphere	-	
	U-466 Kufar Bag	-	64.5	-	64.5	DEO-KAIL	PB.IV	
	U-467 Govind Pur	-	79.1	-	79.1	DEO-KAIL	PB.I	
	U-468 Bindal Galaha	-	157.5	-	157.5	Bio-Sphere	-	
	U-469 Bhagal Mangloti	-	106.6	-	106.6	DEO-KAIL	PB.III	
	U-470 Kiarvi	-	49.9	-	49.9	Bio-Sphere	-	
	U-471 Daron	--	134.1	-	134.1	Bio-Sphere	-	
	U- 472 Kalbog	-	79.6	-	79.6	Bio-Sphere	-	
	U-473 Kurhi Jarahi	-	172.1	-	172.1	DEO-KAIL	PB.IV	
	U-474 Satral	-	26.3	-	26.3	DEO-KAIL	PB.IV	
	U-475 Bharal	-	69.5	-	69.5	Bio-Sphere	-	
	U-476 Nagan	-	45.3	-	45.5	PLANTATION	-	
	U- 477 Khalotan	-	53.5	-	53.5	PLANTATION	-	

	U- 478 Tharango	-	167.9	-	167.9	Bio-Sphere	-	
	U-479 Khola	-	108.4	-	108.4	Bio-Sphere	-	
	U- 480 Jawot	-	13.4	-	13.4	Bio-Sphere	-	
	U- 481 Gawalth	-	17.3	-	17.3	Bio-Sphere	-	
	U- 482 Reot	-	45.3	-	45.3	DEO-KAIL	PB.IV	
	U-483 Janaul	-	42.3	-	42.3	DEO-KAIL	PB.III	
	U- 484 Batanu	-	17.8	-	17.8	PLANTATION	-	
	U-485 Jubtu	-	55.0	-	55.0	CHIL	PB.IV	
	U-486 Badaun	-	113.5	-	113.5	PLANTATION	-	
	U- 487 Tharwala	-	145.2	-	145.2	Bio-Sphere	-	
	U-488 Jangroli	-	73.7	-	73.7	DEO-KAIL	PB.IV	
	U-489 Kathrot	-	45.3	-	45.3	DEO-KAIL	PB.III	
	U-490 Chanodhar	-	222.8	-	22.8	PLANTATION	-	
	U- 491 Barchili	-	282.3	-	282.3	PLANTATION	-	
	U-492 Bauau- Nali	-	5.1	-	5.1	Bio-Sphere	-	
	U-493 Barog Nali	-	83.0	-	83.0	Bio-Sphere	-	
	U-494 Nihari	-	54.6	-	54.6	Bio-Sphere	-	
	U-495 Jau Bag		181.3	-	181.3	Bio-Sphere	-	Transferred from Rohru division vide HP Govt. notification No. FFE-A-(A) 1-3-98 pt. dated Shimla 171002, 21.12.1999.
	U-496 Khogta Dhar	-	20.23	-	20.23	FIR/SPRUCE	PB.I	
	U-497 Hattu	C I	94.83	-	94.83	FIR/SPRUCE	PB.I	
	U-497 Hattu	C II	52.2	-	52.2	FIR/SPRUCE	PB.I	
	U-497 Hattu	C III	80.81	-	80.81	FIR/SPRUCE	PB.I	
	U- 498 Firodi	-	115.34	-	115.34	Bio-Sphere	-	
	U- 499 Lambipash	-	195.46	-	195.46	Bio-Sphere	-	
	U- 500 Matlu	C II	34.80	-	34.80	DEO-KAIL	PB.I	
	U- 501 Johra	-	80.94	-	80.94	Bio-Sphere	-	
	U-502 Chambi	-	361.79	-	361.79	Bio-Sphere	-	
	U-503 Odi Dhar		56.25	-	56.25	Bio-Sphere	-	

Note:-

R-- Denotes Reserved Forests.

D-- Denotes Demarcated Protected Forests.

U-- Denotes Un-demarcated Protected Forests.

APPENDIX-II ENUMERATION RESULTS

ENUMERATION DATA OF TREES IN DEODAR/KAIL WORKING CIRCLE (PB-I)

Sr. No.	Name of Range	Legal status, Number & Name of Forest	Area (Ha)	Species	Parameter	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
1	Theog	R-10 Rajinder Rakh (C-V)	21.8 ha	Deodar	Number of trees	1559	2889	1701	1592	491	186	41	-	-	-	8459
				Kail	--Do--	56	22	110	197	186	-	-	-	-	-	571
2	Theog	R-10 Rajinder Rakh (C-VIII)	44.2 ha.	Deodar	--Do--	1875	2628	2294	1867	814	335	114	15	9	1	9952
				Kail	--Do--	45	41	22	14	6	2	-	-	-	-	130
				Rai	--Do--	142	178	94	22	8	2	1	-	-	-	447
				B.L.	--Do--	9	7	6	1	-	-	-	-	-	-	23
3	Theog	R-11 Cheog (C-I)	24.2 ha.	Deodar	--Do--	3128	3205	1624	905	392	344	241	88	12	-	9939
				Kail	--Do--	335	300	97	32	24	11	2	-	-	-	801
				Rai	--Do--	156	239	89	14	3	-	-	-	-	-	501
				Mohru	--Do--	307	149	17	1	-	-	-	-	-	-	474
				B.L.	--Do--	22	10	3	1	-	-	-	-	-	-	36
4.	Theog	R-11 Cheog (C-III)	40.4 ha	Deodar	--Do--	1382	1341	984	1541	1517	954	301	64	13	2	8099
				Kail	--Do--	146	116	29	14	5	1	1	-	-	-	312
				Rai	--Do--	49	41	6	2	3	-	-	-	-	-	101
				Mohru	--Do--	57	21	2	-	-	-	-	-	-	-	80
				B.L.	--Do--	2	2	-	-	-	-	-	-	-	-	4
5.	Theog	R-11 Cheog (C-IV)	28.4 ha	Deodar	--Do--	428	534	384	691	1210	970	405	85	22	3	4732

				Kail	--Do--	120	106	24	10	5	6	2	-	-	-	273
				Rai	--Do--	62	59	19	6	5	5	3	-	-	-	159
				Ban	--Do--	136	65	7	1	-	-	-	-	-	-	209
				B.L	--Do--	3	3	-	-	-	-	-	-	-	-	6
6.	Theog	DPF-29 Shali ka Tir (C-I)	107.5ha	Deo	-do-	6438	6157	5735	4587	2631	1607	876	653	273	234	29191
				Kail	-do-	526	705	589	517	293	229	203	64	25	9	3160
				Rai	-do-	1235	1925	1649	1111	447	253	148	101	47	12	6928
				Fir	-do-	15	19	7	3	-	-	-	-	-	-	44
				Chil	-do-	5	-	1	1	-	-	-	-	-	-	7
				Ban	-do-	23	43	20	-	2	-	-	-	-	-	88
				Mohru	-do-	83	278	139	60	11	6	-	-	-	-	577
				B.L.	-do-	725	1067	648	231	68	34	33	22	-	8	2836
7.	Theog	DPF-31 Bhalhot	49.4ha	Deo	-do-	717	1236	1638	1826	1101	657	247	58	16	4	7500
				Kail	-do-	206	420	385	248	84	81	33	6	-	-	1463
				Rai	-do-	33	46	39	21	5	1	-	-	-	-	145
				Chil	-do-	1470	1306	345	98	66	61	21	3	-	-	3370
				B.L.	-do-	16	13	12	8	1	-	-	-	-	-	50
8.	Theog	DPF-34 Bachlon	33.6ha	Deo	-do-	1551	2740	2649	2772	1925	918	282	74	17	2	12930
				Kail	-do-	184	394	252	196	67	17	2	-	1	-	1113
				Rai	-do-	51	62	29	11	3	4	-	-	-	-	160
				Mohru	-do-	8	10	3	1	-	-	-	-	-	-	22
				B.L.	-do-	1	-	-	1	-	-	-	-	-	-	2
9.	Theog	DPF-35 Bagain	18.9ha	Deo	-do-	110	537	832	966	376	114	30	4	1	-	2970
				Rai	-do-	-	1	-	-	-	-	-	-	-	-	1
10.	Theog	DPF-37 Bharaiog	16.6ha	Deo	-do-	809	1002	521	263	145	89	32	8	1	-	2870

				Kail	-do-	286	622	528	337	129	33	4	1	-	-	1940
				Rai	-do-	5	5	2	1	-	-	-	-	-	-	13
				Chil	-do-	29	21	9	1	1	1	-	-	-	-	62
				Ban	-do-	17	27	16	5	1	-	-	-	-	-	66
				Mohru	-do-	8	9	4	-	-	-	-	-	-	-	21
				B.L.	-do-	-	-	-	-	-	-	-	1	-	-	1
11	Theog	DPF-51 Bhalech (C-II)	56.2ha	Deo	-do-	2320	1872	363	45	1	1	-	-	-	-	4602
				Kail	-do-	4400	4238	1941	1688	1019	608	213	49	25	2	14183
				Rai	-do-	109	53	26	19	13	13	6	2	1	-	242
				B.L.	-do-	52	87	59	11	3	1	-	-	-	-	213
12.	Theog	DPF-52 Rohroo (C-II)	56.6ha	Deo	-do-	3980	4770	2471	912	124	6	2	-	-	-	12265
				Kail	-do-	5422	5143	1828	858	479	253	101	33	6	1	14124
				Rai	-do-	580	547	205	69	19	14	3	2	-	-	1439
				B.L.	-do-	29	38	12	2	-	-	-	-	-	-	81
13.	Theog	DPF-53 Bharyana (C-II)	25ha	Deo	-do-	1395	1441	1275	556	220	40	-	-	-	-	4927
				Kail	-do-	800	773	-	-	-	-	-	-	-	-	1573
14.	Theog	DPF-56 Tatal	45.0 ha	Deo	-do-	558	592	281	168	39	11	1	1	-	-	1651
				Kail	-do-	605	791	1060	1723	925	403	128	33	10	1	5679
				Rai	-do-	9	2	1	3	-	1	-	-	-	-	16
				Chil	-do-	639	478	89	57	17	9	1	1	1	-	1292
				Ban	-do-	61	49	10	2	-	-	-	-	-	-	122
				Mohru	-do-	3	1	-	-	-	-	-	-	-	-	4
				B.L.	-do-	562	699	275	67	22	2	-	1	-	-	1628
15.	Theog	DPF-58 Audh	26.6ha	Deo	-do-	6428	4617	648	149	13	1	1	-	-	-	11857
				Kail	-do-	4488	3048	222	28	10	1	-	-	-	-	7797

				Rai	-do-	23	15	4	-	2	-	-	-	-	-	44
16.	Theog	DPF109 Majroha(C-I)	43.6ha	Deo	-do-	1316	1583	1537	2499	2145	1238	381	92	26	5	10822
				Kail	-do-	504	550	214	175	127	84	27	4	-	-	1685
				Rai	-do-	237	318	195	92	23	7	4	4	-	-	880
				Ban	-do-	131	105	39	2	-	-	-	-	-	-	277
				Mohru	-do-	6	3	-	-	-	-	-	-	-	-	9
				B.L.	-do-	22	13	6	1	-	-	-	-	-	-	42
17.	Theog	DPF109 Majroha(C-II)	40.6ha	Deo	-do-	476	598	897	1761	1129	406	83	14	5	-	5369
				Kail	-do-	110	166	110	96	51	16	2	-	-	-	551
				Rai	-do-	22	39	35	20	5	-	-	-	-	-	121
				Chil	-do-	3	-	1	1	-	-	-	-	-	-	5
				Ban	-do-	1	-	-	-	-	-	-	-	-	-	1
18.	Theog	DPF 115 Kalahari(C-III)	89.0 ha	Deo	-do-	3941	5974	4243	2951	1569	613	206	95	42	10	19644
				Kail	-do-	2697	4753	3532	2805	1371	548	182	76	23	2	15989
				Rai	-do-	5	8	5	-	-	-	-	-	-	-	18
				Chil	-do-	3	3	7	2	-	-	-	-	-	-	15
				Ban	-do-	360	802	578	159	11	3	-	-	-	-	1913
				Mohru	-do-	4	4	-	-	-	-	-	-	-	-	8
				B.L.	-do-	509	703	312	57	11	4	-	-	-	-	1596
19.	Theog	DPF116 Kanag	60.6ha	Deo	-do-	697	61	182	-	31	-	-	-	-	-	971
				Kail	-do-	15120	1546	576	1758	2243	1061	62	-	-	-	22366
				Rai	-do-	243	32	-	-	-	-	-	-	-	-	275
				B.L.	-do-	-	91	31	-	-	-	-	-	-	-	122
20.	Theog	DPF117 Kanag	51.4ha	Deo	-do-	48	60	-	30	-	-	-	-	-	-	138
				Kail	-do-	1411	2161	2154	2394	1167	395	82	13	2	-	9779

				Rai	-do-	4	1	4	2	-	-	-	-	-	-	11
				Chil	-do-	-	1	-	-	-	-	-	-	-	-	1
				Ban	-do-	30	26	9	-	-	-	-	-	-	-	65
				Mohru	-do-	80	107	46	13	9	5	4	3	1	-	268
				B.L.	-do-	227	191	75	19	2	1	-	-	-	-	515
21.	Theog	UPF 86 Sholwi	82.3ha	Deo	-do-	2498	3600	2357	1676	1029	526	233	96	26	18	12059
				Kail	-do-	294	418	212	104	29	5	1	-	-	-	1063
				Rai	-do-	200	281	159	51	11	6	1	-	-	-	709
				Chil	-do-	1	-	-	-	-	-	-	-	-	-	1
				Mohru	-do-	1	2	1	-	-	-	-	-	-	-	4
				B.L.	-do-	107	119	52	11	4	2	-	-	-	-	295
22.	Theog	UPF 120 Keet	73ha	Deo	-do-	39	38	15	10	8	2	-	-	-	-	112
				Kail	-do-	637	1247	1343	1379	841	346	81	17	3	-	5894
				Rai	-do-	-	-	1	-	1	-	-	-	-	-	2
				Chil	-do-	97	79	33	35	27	18	7	3	-	-	299
				Ban	-do-	16	22	18	5	-	-	-	-	-	-	61
				B.L.	-do-	4	1	-	1	-	-	-	-	-	-	6
23.	Theog	UPF 127 Sarog	23.1ha	Deo	-do-	684	859	543	290	119	38	7	1	-	-	2541
				Kail	-do-	485	1365	1327	925	314	84	17	4	-	-	4521
				Rai	-do-	6	4	3	-	-	-	-	-	-	-	13
				Chil	-do-	9	13	10	12	6	2	-	-	-	-	52
				Ban	-do-	7	9	5	-	-	-	-	-	-	-	21
				Mohru	-do-	8	8	4	-	-	-	-	-	-	-	20
				B.L.	-do-	40	48	22	4	2	1	2	-	-	-	119
24.	Theog	UPF 139 Khanor Nala	171.1ha	Deo	-do-	3535	4656	3153	1636	426	143	39	17	5	-	13610

				Kail	-do-	4098	6650	5858	4248	1742	683	217	77	17	-	23590
				Rai	-do-	874	10168	7894	1599	380	118	34	17	4	-	21088
				Ban	-do-	196	212	58	1	-	-	-	-	-	-	467
				Mohru	-do-	270	251	67	13	-	-	-	-	-	-	601
				B.L.	-do-	1555	1722	747	294	100	39	21	12	3	-	4493
25.	Balson	DPF-130 Chandni	24.2	Deodar	--Do--	2396	2310	1468	1531	722	325	120	52	31	7	8962
				Kail	--Do--	28	15	-	-	-	-	-	-	-	-	43
26.	Balson	DPF-131 Deha(C-II)	93.0ha	Deo	-do-	1046	1982	1911	1670	910	491	233	84	22	2	8351
				Kail	-do-	573	975	1100	1399	940	470	198	55	20	19	5749
				Rai	-do-	652	1379	1485	1593	1115	732	412	246	142	101	7857
				Fir	-do-	99	134	48	2	-	-	-	-	-	-	283
				Ban	-do-	256	374	234	119	29	4	-	-	-	-	1016
				Mohru	-do-	1544	2284	1595	1123	259	26	-	-	-	-	6831
				B.L.	-do-	884	918	287	49	1	8	2	-	-	-	2149
27.	Balson	DPF131 Deha(C-III)	44.6ha	Deo	-do-	116	79	34	21	14	4	2	1	1	-	272
				Kail	-do-	734	436	359	217	199	139	67	39	15	2	2207
				Rai	-do-	1998	1975	2007	1407	449	457	299	216	127	4	8939
				Fir	-do-	144	53	24	11	7	4	-	-	-	-	243
				Mohru	-do-	648	502	199	101	26	3	-	-	-	-	1479
				Kharshu	-do-	940	658	342	136	27	4	-	-	-	-	2107
				B.L.	-do-	702	210	66	48	9	-	-	-	-	-	1035
28.	Balson	DPF131 Deha(C-IV)	27.2ha	Deo	-do-	2248	1280	1244	1080	584	278	181	92	62	2	7051
				Kail	-do-	228	72	63	76	42	49	19	14	3	-	566
				Rai	-do-	74	27	23	21	19	5	2	2	1	-	174
				Ban	-do-	84	44	18	4	2	-	-	-	-	-	257

				Mohru	-do-	104	58	34	40	11	5	2	2	1	-	152
				B.L.	-do-	152	85	54	9	-	-	-	-	-	-	300
29.	Balson	DPF132 Barog(C-II)	6.4ha	Deo	-do-	434	758	826	752	292	160	100	45	15	2	3384
				Kail	-do-	20	15	13	12	4	-	-	-	-	-	64
				Ban	-do-	10	11	6	1	-	-	-	-	-	-	28
30.	Balson	DPF133 Ghorna(C-II)	21.4ha	Deo	-do-	1714	1784	1455	1177	600	371	165	66	15	1	7348
				Kail	-do-	1087	1698	1564	1168	573	244	120	48	18	3	6523
				Rai	-do-	114	180	139	95	58	16	4	-	-	-	606
				Ban	-do-	7	5	-	-	-	-	-	-	-	-	12
				Mohru	-do-	4	4	-	-	-	-	-	-	-	-	8
				B.L.	-do-	47	69	82	39	2	-	-	-	-	-	239
31.	Balson	DPF134 Doba(C-I)	23.0ha	Deo	-do-	536	1146	1298	1382	697	351	189	90	55	6	5750
				Kail	-do-	217	241	208	258	86	30	7	-	-	-	1047
				Rai	-do-	9	4	1	-	1	-	-	-	-	-	15
32.	Balson	DPF135 Duchha	37.5ha	Deo	-do-	745	1436	1896	2053	1071	526	278	144	79	15	8243
				Kail	-do-	31	53	101	106	103	56	27	16	14	2	509
				Ban	-do-	31	44	24	4	-	-	-	-	-	-	103
				BL	-do-	155	198	145	50	-	-	-	-	-	-	548
33.	Balson	DPF139 Chadaha(C-III)	86.2ha	Deo	-do-	324	448	447	473	422	330	261	196	149	65	3115
				Kail	-do-	219	355	586	968	901	767	535	348	241	54	4974
				Rai	-do-	184	267	253	374	387	364	305	233	131	37	2535
				Fir	-do-	126	168	130	164	176	135	102	44	12	2	1059
				Mohru	-do-	618	667	498	381	145	44	29	14	2	-	2398
				B.L.	-do-	1447	1627	1104	764	257	127	99	25	3	-	5453
34	Balson	DPF140 Lakhoti(C-I)	49.8ha	Deo	-do-	1111	1274	1269	1428	882	672	436	236	48	-	7356

[illegible]

				B.L.	-do-	62	32	-	-	-	-	-	-	-	-	94
40	Balson	DPF 147 Majhelia(C-I)	30.0ha	Deo	-do-	309	386	338	344	206	177	149	60	16	2	1987
				Kail	-do-	432	582	535	721	672	608	638	445	180	69	4882
				Rai	-do-	9	6	3	2	-	-	-	-	-	-	20
				Fir	-do-	-	1	-	-	-	-	-	-	-	-	1
				B.L.	-do-	52	56	16	-	-	-	-	-	-	-	124
41.	Balson	DPF 148 Chadren(C-I)	53.4ha	Deo	-do-	532	717	671	651	507	228	78	19	5	-	3408
				Kail	-do-	776	874	703	759	508	164	37	16	8	1	3846
				Rai	-do-	572	707	660	740	429	321	102	24	6	-	3561
				Fir	-do-	218	300	287	405	294	150	46	6	-	-	1706
				Kharsu	-do-	571	836	531	832	107	18	-	-	-	-	2895
				B.L.	-do-	18	21	13	4	-	-	-	-	-	-	56
42.	Balson	DPF149 Dabar(C-I)	65.6ha	Deo	-do-	1096	1523	1822	1354	916	442	204	41	-	-	7398
				Kail	-do-	407	828	923	736	333	88	6	-	-	-	3321
				Rai	-do-	1000	1046	1286	1216	874	558	446	282	49	-	6757
				Fir	-do-	224	379	562	441	147	49	-	-	-	-	1802
				Kharsu	-do-	657	956	1030	472	194	3	-	-	-	-	3312
				B.L.	-do-	549	773	525	113	-	-	-	-	-	-	1960
43.	Balson	DPF 154 Nao	18.6ha	Deo	-do-	661	910	612	264	44	6	-	-	-	-	2497
				Kail	-do-	579	551	389	236	45	10	-	-	-	-	1810
				Rai	-do-	22	16	7	5	2	-	-	-	-	-	52
				Mohru	-do-	6	7	4	2	-	-	-	-	-	-	19
44.	Balson	DPF 155 Kohlnu	36.0ha	Deo	-do-	1658	1856	2484	2430	612	108	-	-	-	-	9148
				Kail	-do-	1190	1620	1800	1604	1602	396	90	-	-	-	8302
45.	Balson	DPF 159 Nag Dhar	16.0ha	Deo	-do-	242	337	528	416	344	248	32	-	-	-	2147

				Rai	-do-	458	370	335	360	224	175	104	32	-	-	2058
				Mohru	-do-	145	144	209	128	-	-	-	-	-	-	626
46.	Balson	UPF 375 Ragsa	51.1ha	Deo	-do-	790	1432	1717	1480	449	235	110	27	4	-	6244
				Kail	-do-	238	497	505	503	182	43	8	2	-	-	1978
				Rai	-do-	8	4	1	1	-	-	-	-	-	-	14
				Ban	-do-	106	77	30	4	1	-	-	-	-	-	218
				Mohru	-do-	-	1	-	-	-	-	-	-	-	-	1
				B.L.	-do-	7	3	1	1	-	-	-	-	-	-	12
47.	Balson	UPF 376 Ghorna	25.3ha	Deo	-do-	646	1293	1357	1137	502	252	103	37	13	3	5343
				Kail	-do-	38	123	160	122	38	18	18	8	3	-	528
				Rai	-do-	20	15	6	-	-	-	-	-	-	-	41
				Ban	-do-	50	31	36	10	-	-	-	-	-	-	127
				B.L.	-do-	50	76	28	27	5	-	-	-	-	-	186
48.	Balson	UPF 381 Mashalta	114.6ha	Deo	-do-	1631	2204	1992	1843	936	519	208	68	25	4	9430
				Kail	-do-	780	1241	1248	1247	740	262	67	18	3	-	5606
				Rai	-do-	643	882	801	761	435	289	123	32	4	-	3970
				Fir	-do-	1030	1293	664	263	117	56	31	15	3	-	3472
				B.L.	-do-	4239	5462	2497	645	63	8	-	-	-	-	12914
49.	Balson	UPF 392 Meha Kuffer (C-I)	182.2ha	Deo	-do-	279	331	261	263	139	52	26	19	5	-	1375
				Kail	-do-	6045	7206	4795	2963	941	373	231	139	51	7	22751
				Rai	-do-	107	136	71	31	39	31	15	3	-	-	433
				Fir	-do-	115	135	109	103	39	27	22	13	3	-	566
				Kharsu	-do-	422	285	215	125	25	13	7	5	1	-	1098
				B.L.	-do-	12	12	5	-	-	-	-	-	-	-	29
50	Kotkhai	R 13 Chambi Kuffer	41.6ha	Deo	-do-	1789	3368	3618	2328	574	124	21	6	5	-	11833

		(C-IV a)														
				Kail	-do-	1443	1533	896	683	420	310	209	98	46	10	5648
				Rai	-do-	285	390	225	82	27	24	12	5	5	-	1055
				Fir	-do-	130	120	36	14	14	4	-	-	-	-	318
				Ban	-do-	26	33	16	7	-	-	-	-	-	-	82
				Mohru	-do-	222	225	108	58	18	4	1	-	3	-	639
				B.L.	-do-	866	906	449	235	42	8	-	-	-	-	2506
51	Kotkhai	R 13 Chambi Kuffer (C-VI)	80.6ha	Deo	-do-	3299	3500	2224	1731	819	412	214	148	97	111	12555
				Kail	-do-	2588	2500	1460	1354	965	650	365	220	118	116	10336
				Rai	-do-	2422	2139	867	493	320	179	111	67	40	44	6682
				Fir	-do-	958	931	432	254	132	66	27	14	6	5	2825
				Ban	-do-	383	479	273	165	40	10	5	1	1	2	1359
				Mohru	-do-	672	711	328	167	40	14	9	2	-	-	1943
				B.L.	-do-	1271	1517	819	386	98	27	12	5	-	-	4135
52	Kotkhai	R 12 Rantu	40.0ha	Deo	-do-	605	604	314	180	28	-	2	1	-	-	1734
				Kail	-do-	2386	1919	644	612	405	335	210	119	20	3	6653
				Rai	-do-	1	-	-	-	-	-	-	-	-	-	1
				Chil	-do-	173	138	29	9	2	-	-	-	-	-	351
				B.L.	-do-	200	93	27	10	3	-	-	-	-	-	333
53	Kotkhai	R 16 Kalala (C-IV)	23.20ha	Deo	-do-	277	484	707	1171	344	81	11	1	3	-	3079
				Kail	-do-	30	4	-	-	-	-	-	-	-	-	34
				Rai	-do-	13	15	5	1	-	-	-	-	-	-	34
54	Kotkhai	DPF162 Koti (C-II)	42.0ha	Deo	-do-	1844	2286	1974	1468	437	303	222	128	61	8	8731
				Kail	-do-	367	446	368	321	188	106	92	64	26	6	1984

				Rai	-do-	239	213	138	117	78	45	38	22	5	-	895
				B.L.	-do-	1	3	-	1	-	-	-	-	-	-	5
55	Kotkhai	DPF164 Sirgul (C IX)	28.4ha	Deo	-do-	2953	3272	2126	1226	347	94	50	11	4	-	10083
				Kail	-do-	160	199	105	106	41	17	12	4	-	-	644
				Rai	-do-	425	563	300	177	82	31	5	-	-	-	1583
				Fir	-do-	462	484	280	126	19	3	-	1	-	-	1375
				Mohru	-do-	84	140	116	68	13	2	-	-	-	-	423
				Kharsu	-do-	432	582	382	149	6	-	-	-	-	-	1551
				B.L.	-do-	57	62	34	10	2	2	-	-	-	-	167
56	Kotkhai	DPF166 Hara Ritha (C-IV)	32.0ha	Deo	-do-	889	1114	620	370	273	196	145	63	31	7	3708
				Kail	-do-	401	376	174	143	95	71	63	55	30	5	1413
				Rai	-do-	255	279	148	127	72	41	35	54	15	-	1026
				Fir	-do-	23	25	11	8	7	3	-	-	-	-	77
				Kharsu	-do-	44	48	20	28	6	-	-	-	-	-	146
				B.L.	-do-	92	112	76	44	12	4	2	-	-	-	342
57	Kotkhai	DPF166 Hara Ritha (C-V)	22.2ha	Deo	-do-	262	406	443	528	365	211	87	37	11	-	2350
				Kail	-do-	270	335	264	274	174	144	119	41	8	-	1629
				Rai	-do-	332	433	368	356	234	244	196	131	38	7	2339
				Fir	-do-	235	308	234	188	184	149	123	105	66	18	1610
				B.L.	-do-	112	138	102	47	10	1	-	-	-	-	410
58	Kotkhai	DPF167 Drabla (C-III)	18.2ha	Deo	-do-	280	419	395	452	274	170	111	56	25	4	2186
				Kail	-do-	102	209	393	570	522	576	407	218	83	9	3089
				Rai	-do-	310	399	518	488	484	306	236	82	24	2	2849
				Fir	-do-	185	181	245	223	130	42	18	10	3	-	1037
				Ban	-do-	28	35	24	4	4	-	-	-	-	-	95

				Mohru	-do-	58	36	41	-	-	-	-	-	-	-	135
				Kharsu	-do-	21	20	6	1	-	-	-	-	-	-	48
				B.L.	-do-	65	88	63	42	8	-	-	-	-	-	266
59	Kotkhali	DPF171 Kamahli (C-I)	29.2ha	Deo	-do-	309	443	450	537	296	169	90	36	17	3	2350
				Kail	-do-	88	233	905	1596	965	496	147	50	34	7	4521
				Rai	-do-	8	8	7	8	5	3	-	-	-	-	39
				Ban	-do-	14	186	270	136	21	3	-	-	-	-	630
				Mohru	-do-	8	16	13	3	-	-	-	-	-	-	40
				Kharsu	-do-	16	19	14	11	1	-	-	-	-	-	61
				B.L.	-do-	25	45	43	18	-	-	-	-	-	-	131
60	Kotkhali	DPF172 Deora Nal	4.0ha	Deo	-do-	136	181	212	189	87	46	29	12	7	2	901
61	Kotkhali	DPF179 Nag Rella (C-I)	41.2ha	Deo	-do-	12	3	1	-	-	-	-	-	-	-	16
				Kail	-do-	384	369	547	1257	778	445	136	40	17	-	3973
				Rai	-do-	3	4	2	-	-	2	-	-	-	-	11
62	Kotkhali	DPF 183 Jaroath (C-I)	70.8ha	Deo	-do-	1831	2501	1779	1006	239	56	12	8	9	-	7441
				Kail	-do-	1809	2681	2261	2628	1426	308	106	55	20	2	11296
				Rai	-do-	2171	2827	1966	1062	110	9	20	6	1	-	8172
				Fir	-do-	162	213	97	24	10	4	2	1	1	-	514
				Ban	-do-	65	90	45	-	-	-	-	-	-	-	200
				Kharsu	-do-	321	498	328	168	13	1	-	-	-	-	1329
				B.L.	-do-	685	936	582	268	78	7	-	-	-	-	2556
63	Kotkhali	DPF 185 Baghal (C-II)	64.8ha	Deo	-do-	35	64	46	28	12	12	4	-	-	-	201
				Kail	-do-	685	1550	2390	2276	1548	615	210	95	-	-	9369
				Rai	-do-	502	1288	1663	1483	781	74	68	11	-	-	5870
				Fir	-do-	85	256	348	217	140	20	17	-	-	-	1083

				B.L.	-do-	28	57	46	30	10	6	-	-	-	-	177
64	Kotkhai	DPF 186 Gowach (C-I)	59.10ha	Deo	-do-	729	1258	1493	1845	1147	599	242	91	33	47	7484
				Kail	-do-	497	699	742	1109	878	458	84	18	7	1	4493
				Rai	-do-	96	119	53	12	-	-	-	-	-	-	280
				Broad Leaved	-do-	6	-	-	-	-	-	-	-	-	-	6
65	Kotkhai	DPF-186 Gowach (C-III)	104.0ha	Deo	-do-	5813	5586	2542	1874	1087	642	284	153	36	17	18034
				Kail	-do-	10086	7822	1764	1249	818	380	148	51	12	2	22332
				Rai	-do-	6058	5211	1500	753	498	320	180	92	31	29	14672
				Fir	-do-	3787	3659	1290	603	379	154	27	2	1	-	9902
				Kharsu	-do-	144	123	28	7	2	-	-	-	-	-	304
				B.L.	-do-	186	305	151	34	7	-	-	-	-	-	683
66	Kotkhai	DPF 187 Jarahi (C-III)	29.5ha	Deo	-do-	271	507	473	545	658	419	187	75	18	5	3158
				Kail	-do-	35	45	38	71	86	58	23	8	1	-	365
				Rai	-do-	17	15	6	2	1	-	-	-	-	-	41
67	Kotkhai	DPF189 Naga Nali (C-I)	40.9ha	Deo	-do-	4273	3407	2270	1642	1963	1384	905	730	96	12	16682
				Kail	-do-	470	221	337	185	196	130	87	-	-	-	1626
				Rai	-do-	94	28	13	3	3	-	1	-	-	-	142
				Mohru	-do-	10	3	-	1	-	-	-	-	-	-	14
				B.L.	-do-	1	5	3	8	2	-	-	-	-	-	19
68	Kotkhai	DPF 189 Naga Nali (C-II)	73.7ha	Deo	-do-	6235	4370	2759	3483	4718	2240	1859	977	27	4	26672
				Kail	-do-	953	618	462	287	147	22	-	-	-	-	2489
				Rai	-do-	-	36	17	28	12	-	-	-	-	-	93
69	Kotkhai	DPF 193 Baghai (C-II a)	40.87ha	Deo	-do-	258	213	50	66	34	12	6	1	1	-	641
				Kail	-do-	31	92	238	341	243	190	85	30	7	-	1257
				Rai	-do-	11	28	44	45	25	14	6	4	6	-	183

70	Kotkhai	DPF 191 Ratnari (C-Ib)	42.23ha	Deo	-do-	700	1382	2101	3128	1094	1614	892	358	130	29	11428
				Kail	-do-	299	545	704	876	333	329	102	12	-	-	3200
				Rai	-do-	169	287	375	495	139	227	121	49	14	2	1878
				B.L.	-do-	62	59	51	30	3	-	-	-	-	-	205
71	Kotkhai	DPF 191 Ratnari (C-Ic)	57.73ha	Deo	-do-	688	1388	2106	3138	1143	1614	964	305	119	20	11485
				Kail	-do-	297	545	707	878	333	329	106	7	1	-	3203
				Rai	-do-	167	287	375	495	302	227	130	39	15	2	2039
				B.L.	-do-	54	57	57	22	7	-	-	-	-	-	197
72	Kotkhai	DPF 192 Sona Batola (C-2bII)	75.52ha	Deo	-do-	558	1955	5344	7238	3133	1530	724	164	62	21	20729
				Kail	-do-	17	25	49	35	11	2	1	1	-	-	141
73	Kotkhai	UPF 430 Kuri Mohali	39.70ha	Deo	-do-	312	298	218	240	206	131	50	17	4	-	1476
				Kail	-do-	758	837	639	832	730	482	280	99	12	1	4670
				Fir	-do-	103	174	238	321	200	89	21	-	-	-	1146
				Rai	-do-	451	821	1292	1582	922	573	274	115	20	5	6055
				Ban	-do-	36	63	24	3	-	-	-	-	-	-	126
				Mohru	-do-	240	273	238	158	64	8	-	1	-	-	982
				B.L.	-do-	465	407	174	67	15	4	2	-	-	-	1134
74	Kotkhai	UPF 455 Thanari (C I)	46.5ha	Deo	-do-	20	18	7	-	-	-	-	-	-	-	45
				Kail	-do-	251	450	497	511	263	40	7	3	5	1	2028
				Rai	-do-	9	8	6	4	1	-	-	-	-	-	28
				Kharsu	-do-	278	443	376	132	-	-	-	-	-	-	1229
				B.L.	-do-	280	436	290	81	-	-	-	-	-	-	1087
75	Kotkhai	UPF 467 Govindpur	79.1ha	Deo	-do-	36	38	35	17	1	1	1	-	-	-	129
				Kail	-do-	698	651	842	591	347	216	74	18	6	-	3443
				Rai	-do-	129	116	84	49	13	13	5	9	5	3	426

				Fir	-do-	1	2	-	3	1	-	-	-	-	-	7
				Ban	-do-	61	48	21	11	3	2	1	-	-	-	147
				Mohru	-do-	142	123	76	33	7	5	1	-	-	-	387
				Kharsu	-do-	200	203	109	24	3	2	-	-	-	-	541
				B.L.	-do-	281	168	76	9	2	-	-	-	-	-	536
76	Kotkhai	UPF 500 Matlu (C- II)	34.8 ha	Deo	-do-	3	3	7	6	4	-	-	-	-	-	23
				Kail	-do-	212	364	608	840	583	387	154	48	18	7	3221
				Rai	-do-	294	396	464	639	561	394	147	50	26	8	2979
				Fir	-do-	23	31	138	191	94	39	15	7	4	-	542
				Kharsu	-do-	677	1018	675	218	8	-	-	-	-	-	2596
				B.L.	-do-	211	293	151	29	-	-	-	-	-	-	684
			Total			252993	285229	211035	175649	96412	52204	25674	11650	4030	1329	1116205

DEODAR/KAIL WORKING CIRCLE P.B.-I

Spp.	Partic- ular	P.B.	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
Deodar	No. of trees	P.B.-I	103081	120379	98388	89677	52365	28295	14281	6316	1939	684	515405
	Vol.		17729.932	55615.098	99175.104	160342.476	146622.0	113774.195	77602.954	39209.728	15283.198	6640.272	731994.957
Kail	No. of trees		82901	79274	56431	53022	32107	15790	6740	2909	1154	351	330679
	Vol.		12766.754	34484.19	55979.552	95015.424	90862.81	64360.04	37110.44	18280.156	9173.146	3420.144	421452.656
Rai	No. of trees		25239	38080	28919	18992	7348	6381	3789	2046	803	259	131856
	Vol.		2675.334	13899.2	26547.642	33349.952	21294.504	27655.254	22976.496	14401.794	7396.433	3024.084	173220.693
Fir	No. of trees		8822	9528	5912	4137	2422	1170	602	278	119	25	33015
	Vol.		2073.17	5497.656	6449.992	7276.983	6357.75	4271.67	2919.098	1532.058	828.954	214.775	37422.106
Ban	No. of trees		12688	15117	10092	5585	1153	185	59	28	9	2	44918
	Vol.		1344.928	5245.599	8013.048	8031.23	2638.064	616.79	269.748	147.336	61.029	16.96	26384.732
Chil	No. of trees		2429	2039	524	216	119	91	29	7	1	-	5455
	Vol.		177.317	628.012	372.564	275.616	239.785	265.811	115.884	32.172	5.922	-	2113.083
Broad Leave	No. of trees		17833	20812	10769	4020	898	292	174	66	5	8	54877
	Vol.		2050.795	6410.096	7376.765	4988.82	1782.53	851.18	702.612	307.164	30.225	60.888	24561.075
Total	No. of trees		252993	285229	211035	175649	96412	52204	25674	11650	4030	1329	1116205
	Vol.		38818.23	121779.851	203914.667	309280.501	269797.443	211794.94	141697.232	73910.408	32778.907	13377.123	1417149.30

APPENDIX-II ENUMERATION RESULTS

ENUMERATION DATA OF TREES IN DEODAR/KAIL WORKING CIRCLE (PB-II)

Sr. No.	Name of Range	Legal status, Number & Name of Forest	Area (Ha)	Species	Parameter	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
1.	Theog	R-10 Rajinder Rakh (C-VI)	38.0	Deodar	Number of trees	6099	2774	3040	2432	1577	570	228	38	-	-	16758
				Broad Leaved	-do-	684	266	59	-	-	-	-	-	-	-	1009
2.		R-10 Rajinder Rakh (C-VII)	19.4	Deodar	-do-	118	1116	2775	2222	738	146	-	-	-	-	7115
		-do-		Broad Leaved	-do-	146	233	107	-	-	-	-	-	-	-	486
3.		R-11 Cheog (C-II)	29.0	Deodar	-do-	290	232	319	1305	1581	1102	290	58	-	-	5177
				Kail	-do-	58	29	-	-	-	-	-	-	-	-	87
				Rai	-do-	16	-	-	-	-	-	-	-	-	-	16
4.		R-11 Cheog (C-VI)	61.6	Deodar	-do-	2340	369	462	2308	4500	2434	551	2	-	-	12966
				Kail	-do-	154	-	-	-	-	-	-	-	-	-	154
				Rai	-do-	246	-	-	-	-	-	-	-	-	-	246
5.		R-11 Cheog (C-VII)	54.2	Deodar	-do-	3957	1410	136	1166	2683	1978	949	136	27	-	12442
				Kail	-do-	922	433	28	27	-	-	-	-	-	-	1410
				Rai	-do-	326	28	-	-	-	27	55	-	-	-	436
				Mohru	-do-	1681	161	-	-	-	-	-	-	-	-	1842
6.		DPF -29 Shali ka Tir (C-II)	96.25	Deodar	-do-	15352	6112	5246	2455	1204	385	674	337	193	97	32055
				Kail	-do-	1589	1781	1589	385	385	193	-	-	-	-	5922
				Rai	-do-	3225	2359	2022	915	626	241	289	193	48	-	9918
				Ban	-do-	867	1011	626	385	-	-	-	-	-	-	2889
				Mohru	-do-	337	385	241	145	97	-	-	-	-	-	1205
7.		DPF-30 Richai	30.0	Deodar	-do-	4755	2205	1350	825	210	135	-	-	-	-	9480
				Kail	-do-	480	90	30	-	-	-	-	-	-	-	600
				Rai	-do-	30	15	-	-	-	-	-	-	-	-	45
8.		DPF-36 Jalsar	53.0	Deodar	-do-	5684	3759	2786	3031	2268	1078	308	28	28	-	18970
				Kail	-do-	742	336	84	140	35	56	-	-	-	-	1393
				Rai	-do-	406	42	14	-	-	-	-	-	-	-	462
9.		DPF-42 Kufta	161.8	Deodar	-do-	1455	6730	7315	3242	585	135	73	81	19	-	19635
				Kail	-do-	4365	4993	2375	1494	922	807	413	72	-	-	15441
				Ban	-do-	1454	4118	3169	714	-	-	-	-	-	-	9455
				B/L	-do-	-	-	536	357	-	-	-	-	-	-	893
10.		DPF-45 Kathog	6.4	Deodar	-do-	83	78	-	-	-	-	-	-	-	-	161
				Kail	-do-	176	113	128	231	224	132	32	18	-	-	1054
11.		DPF-48 Shabhog	43.2	Deodar	-do-	229	398	105	137	23	14	11	-	-	-	917
				Kail	-do-	629	2597	1429	1989	1491	346	171	-	-	-	8652
12.		DPF-55 Kit jugoo	16.2	Deodar	-do-	1580	1029	576	341	57	-	-	-	-	-	3583
				Kail	-do-	972	689	211	41	-	-	-	-	-	-	1913
13.		DPF-60 Naur	44.2	Deodar	-do-	6188	4487	2829	862	243	-	-	-	-	-	14609

				Kail	-do-	4884	4884	2453	1237	-	-	-	-	-	-	13458
14.		DPF-108 Paliana	9.8	Deodar	-do-	265	68	236	623	569	373	49	20	-	-	2203
				Kail	-do-	58	49	-	-	-	-	-	-	-	-	107
15.		DPF-113 khatmail	34.8	Deodar	-do-	1480	2019	714	262	70	53	18	-	-	-	4616
				Kail	-do-	2472	2367	731	279	122	104	121	-	-	-	6196
				Rai	-do-	-	70	53	18	-	-	-	-	-	-	141
16.		DPF-114 Chowai	8.0	Deodar	-do-	524	700	416	372	212	52	36	16	-	-	2328
				Kail	-do-	284	332	128	72	44	16	4	-	-	-	880
17.		DPF-115 Kalhari (C-II)	76.4	Deodar	-do-	3704	2836	1886	704	193	51	21	8	1	-	9404
				Kail	-do-	16713	4869	1813	1854	1410	754	992	44	5	-	28454
				Ban	-do-	1276	635	203	68	27	1	1	-	-	-	2211
				Rai	-do-	280	296	174	80	14	2	-	-	-	-	846
				B/L	-do-	2863	989	332	68	29	4	-	-	-	-	4285
18.		DPF-120 Gharol (C-I)	100.8	Deodar	-do-	3126	4284	3579	4940	2319	1815	353	-	-	-	20416
				Kail	-do-	7057	18144	7006	6401	3327	1361	807	-	-	-	44103
19.		DPF-122 Sharri	33.6	Deodar	-do-	890	1196	1345	1815	540	236	59	33	-	-	6114
20.		UPF-288 Katuri	22.4	Deodar	-do-	1104	3229	3378	1258	47	-	-	-	-	-	9016
				Kail	-do-	2187	1349	-	-	-	-	-	-	-	-	3536
21.		UPF-289 Chakri Bhailla	35.7	Deodar	-do-	324	284	109	-	-	-	-	-	-	-	717
				Kail	-do-	466	216	1001	1464	999	215	54	-	-	-	4415
				Ban	-do-	1070	216	-	-	-	-	-	-	-	-	1286
				Chil	-do-	6	71	-	-	-	37	-	-	-	-	114
				Broad Leaved	-do-	38	18	-	-	-	-	-	-	-	-	56
22.		UPF-290 Bahani	34.8	Deodar	-do-	2572	3265	3068	1616	89	-	-	-	-	-	10610
				Kail	-do-	2525	1995	468	447	94	-	-	-	-	-	5529
23.		UPF-311 Majroha	22.9	Deodar	-do-	1128	2183	1947	1353	433	64	52	17	-	-	7177
				Kail	-do-	50	374	622	254	-	-	-	-	-	-	1300
24.		UPF-331 Karuth	48.6	Deodar	-do-	3592	2196	394	1019	955	321	14	-	-	-	8491
				Chil	-do-	1186	1128	870	404	102	34	-	-	-	-	3724
25.	Balson	DPF-129 Jearena	6.4	Deodar	-do-	7	39	64	135	224	176	64	20	3	-	732
26.		DPF-140 Lakhoti (C-III)	54.6	Deodar	-do-	492	1092	2184	1584	546	410	-	-	-	-	6308
				Kail	-do-	274	765	383	55	-	-	-	-	-	-	1477
				Rai	-do-	548	383	1092	164	55	-	-	-	-	-	2242
				Fir	-do-	765	1092	1966	1038	437	219	-	-	-	-	5517
				Kharsu	-do-	192	383	55	-	-	-	-	-	-	-	630
				B/L	-do-	438	465	-	-	-	-	-	-	-	-	903
27.		DPF-140 Lakhoti (C-IV)	44.6	Deodar	-do-	894	1160	1338	669	1004	268	-	-	-	-	5333
				Kail	-do-	447	491	446	179	45	-	-	-	-	-	1608
				Rai	-do-	358	558	246	23	-	-	-	-	-	-	1185
				Fir	-do-	492	402	580	-	-	-	-	-	-	-	1474
				B/L	-do-	134	90	45	-	-	-	-	-	-	-	269
28.		DPF-143 Kohlu ka Nal	35.2	Deodar	-do-	882	1303	1092	1655	1549	740	564	124	-	-	7909
				Kail	-do-	354	530	212	36	-	-	-	-	-	-	1132
				Rai	-do-	144	107	106	-	-	-	-	-	-	-	357

				B/L	-do-	145	124	37	-	-	-	-	-	-	-	306
29.		DPF-146-Chilla	12.2	Deodar	-do-	319	429	720	647	488	159	61	-	-	-	2823
				Kail	-do-	111	99	98	-	-	-	-	-	-	-	308
				Rai	-do-	26	14	39	-	-	-	-	-	-	-	79
				B/L	-do-	26	25	-	-	-	-	-	-	-	-	51
30.		DPF-149 Dabar (C-II)	32.4	Deodar	-do-	196	292	227	98	-	-	-	-	-	-	813
				Kail	-do-	131	162	114	-	-	-	-	-	-	-	407
				Rai	-do-	357	811	940	195	65	-	-	-	-	-	2368
				Fir	-do-	682	778	875	1021	648	486	260	33	-	-	4783
				Kharsu	-do-	292	162	33	-	-	-	-	-	-	-	487
				B/L	-do-	292	179	33	-	-	-	-	-	-	-	504
31.		DPF-150 Bagroa (C-II)	49.8	Deodar	-do-	848	1544	1296	1046	498	449	-	-	-	-	5681
				Kail	-do-	349	598	350	-	-	-	-	-	-	-	1297
				Rai	-do-	548	598	648	299	-	-	-	-	-	-	2093
				Fir	-do-	698	747	1146	747	648	150	-	-	-	-	4136
				B/L	-do-	150	100	-	-	-	-	-	-	-	-	250
32.		DPF-151 Khalot Kalala	25.4	Deodar	-do-	979	1220	3150	3290	2337	1525	851	-	-	-	13352
33.		DPF-152 Thane Dhar	16.2	Deodar	-do-	285	665	2569	1847	916	503	130	-	-	-	6915
34.		DPF-156 Bedar	51.8	Kail	-do-	1295	1632	1247	1684	1580	1372	854	-	-	-	9664
35.		DPF-157 Kaharali	57.4	Deodar	-do-	61	44	8	1	-	-	-	-	-	-	114
				Kail	-do-	1456	736	622	939	1139	556	146	27	-	-	5621
				Rai	-do-	890	422	127	112	101	40	31	10	-	-	1733
				Fir	-do-	-	-	2	-	-	-	-	-	-	-	2
				Mohru	-do-	651	223	84	95	50	27	7	-	-	-	1137
				B/L	-do-	311	55	46	20	8	7	2	-	-	-	449
36.		DPF-160 Panelti	17.0	Deodar	-do-	605	595	612	493	255	136	85	43	-	-	2824
				Kail	-do-	512	442	408	391	332	145	68	26	-	-	2324
				Mohru	-do-	120	145	68	34	-	-	-	-	-	-	367
37.	Kotkhai	R-13 Chambi-Kupar (C-II a)	73.2	Deodar	-do-	2489	3075	1757	257	183	-	-	-	-	-	7761
				Kail	-do-	186	37	110	37	-	-	-	-	-	-	370
38.		R-13 Chambi- kupar (C-VII c)	34.4	Deodar	-do-	344	310	413	258	238	86	35	-	-	-	1684
				Kail	-do-	242	242	344	207	155	87	18	-	-	-	1295
				Rai	-do-	242	138	208	121	138	52	-	-	-	-	899
39.		R-14 Saliana	21.4	Deodar	-do-	428	343	193	75	43	43	-	-	-	-	1125
				Kail	-do-	771	600	450	257	150	118	42	-	-	-	2388
				B/L	-do-	129	107	-	-	-	-	-	-	-	-	236
40.		R-16 Kalala (C-III b)	7.2	Deodar	-do-	648	666	360	173	119	15	-	-	-	-	1981
				Kail	-do-	162	144	126	65	29	-	-	-	-	-	526
41.		R-16 Kalala (C-Vb)	13.0	Deodar	-do-	1203	735	280	182	-	-	-	-	-	-	2400
				Kail	-do-	631	566	286	-	-	-	-	-	-	-	1483
				Rai	-do-	26	26	13	-	-	-	-	-	-	-	65
42.		R-16- Kalala (C-Vc)	10.6	Deodar	-do-	1209	843	647	53	6	-	-	-	-	-	2758

				Kail	-do-	546	276	22	-	-	-	-	-	-	-	844
				Rai	-do-	32	16	6	-	-	-	-	-	-	-	54
43.		R-16 Kalala (C-VI a)	23.0	Deodar	-do-	3138	2118	1960	702	193	67	13	6	4	-	8201
				Kail	-do-	2498	1082	422	158	57	17	1	-	-	-	4235
				Rai	-do-	65	32	5	-	-	-	-	-	-	-	102
				Broad Leaved	-do-	16	8	1	1	-	4	-	2	-	-	32
44.		R-16 Kalala (C-VI b)	26.2	Deodar	-do-	1481	1363	970	642	276	-	-	-	-	-	4732
				Kail	-do-	1310	1179	747	289	53	-	-	-	-	-	3578
45.		R-16 Kalala (C-VII)	18.6	Deodar	-do-	893	1051	2288	1162	241	28	-	-	-	-	5663
				Kail	-do-	289	93	-	-	-	-	-	-	-	-	382
				Rai	-do-	19	-	-	-	-	-	-	-	-	-	19
46.		R-16 Kalala (C- VIII c)	6.8	Deodar	-do-	663	544	340	218	89	20	-	-	-	-	1874
				Kail	-do-	208	218	68	62	14	-	-	-	-	-	570
				Rai	-do-	14	21	7	-	-	-	-	-	-	-	42
47.		R-16 Kalala (C-Xb)	13.0	Deodar	-do-	1151	1060	891	436	267	65	13	-	-	-	3883
				Kail	-do-	228	273	26	-	-	-	-	-	-	-	527
48		R-16 Kalala (C-XI b)	13.0	Deodar	-do-	1138	1040	1040	572	221	65	26	-	-	-	4102
				Kail	-do-	293	423	117	59	26	13	-	-	-	-	931
				Rai	-do-	65	52	20	-	-	-	-	-	-	-	137
49.		R-16 Kalala (C-XII)	14.2	Deodar	-do-	1065	945	504	284	107	14	-	-	-	-	2919
				Kail	-do-	710	568	431	199	92	-	-	-	-	-	2000
50.		R-16 Kalala (C-XV)	12.6	Deodar	-do-	945	889	675	321	139	19	-	-	-	-	2988
				Kail	-do-	454	467	221	89	38	-	-	-	-	-	1269
51.		DPF-162 Koti (C-I)	89.0	Deodar	-do-	2314	3694	5385	3561	2092	1024	356	134	-	-	18560
				Kail	-do-	1069	1069	1291	801	401	-	-	-	-	-	4631
				Rai	-do-	268	357	134	-	-	-	-	-	-	-	759
52.		DPF-163 Kadahi	38.8	Deodar	-do-	2753	898	863	704	497	230	82	25	12	5	6069
				Kail	-do-	809	249	162	195	176	152	52	6	1	-	1802
				Rai	-do-	128	38	9	6	3	5	2	1	-	-	192
53.		DPF-164 Shirgul (C-I)	71.2	Deodar	-do-	-	-	1248	570	393	214	72	-	-	-	2497
				Kail	-do-	571	428	712	143	107	72	-	-	-	-	2033
				Rai	-do-	1676	1424	1211	498	392	178	107	-	-	-	5486
				Fir	-do-	570	1068	1745	996	855	498	142	36	-	-	5910
				Kharsu	-do-	2030	2314	1175	819	-	36	-	-	-	-	6374
				B/L	-do-	1349	1567	997	-	-	-	-	-	-	-	3913
54.		DPF-164- Shirgul (C-II)	27.6	Deodar	-do-	11	221	276	304	138	28	-	-	-	-	978
				Kail	-do-	250	277	414	166	28	14	-	-	-	-	1149
				Fir	-do-	929	912	856	497	359	138	27	-	-	-	3718
				Kharsu	-do-	1133	1187	663	249	-	-	-	-	-	-	3232
				B/L	-do-	276	358	83	-	-	-	-	-	-	-	717
55.		DPF-164- Shirgul	34.4	Deodar	-do-	1120	1206	1497	1118	619	310	172	86	35	-	6163

		(C-IV)														
				Kail	-do-	793	894	792	412	207	69	52	-	-	-	3219
				Rai	-do-	276	379	172	-	-	-	-	-	-	-	827
56.		DPF-164 Shirgul (C-VI)	18.2	Deodar	-do-	976	1094	1129	674	272	91	73	-	-	-	4309
				Kail	-do-	438	547	128	-	-	-	-	-	-	-	1113
57.		DPF-165 Kathim	18.2	Deodar	-do-	739	702	702	683	537	264	110	10	-	-	3747
				Kail	-do-	329	64	92	19	-	-	-	-	-	-	504
				Rai	-do-	47	10	9	-	-	-	-	-	-	-	66
58.		DPF-166 Hara Raita (C-II)	46.2	Deodar	-do-	891	1038	858	1377	1193	742	358	147	63	12	6679
				Kail	-do-	375	467	467	555	261	96	27	10	1	-	2259
				Fir	-do-	100	80	32	42	9	-	-	-	-	-	263
				Rai	-do-	163	196	136	123	85	110	55	20	4	-	892
				B/L	-do-	32	32	24	12	-	-	-	-	-	-	100
59.		DPF-166 Hara Ritha (C-III)	20.2	Deodar	-do-	558	809	1132	808	354	122	31	11	-	-	3825
				Kail	-do-	334	283	203	81	41	-	-	-	-	-	942
60.		DPF-168 Paul ke-Niche (C-II)	37.6	Deodar	-do-	1882	2144	2126	1204	602	226	151	38	-	-	8373
				Kail	-do-	527	677	188	-	-	-	-	-	-	-	1392
				Rai	-do-	378	414	132	-	-	-	-	-	-	-	924
61.		DPF-170 Bedar	1.6	Deodar	-do-	35	58	87	68	42	15	8	3	-	-	316
62.		DPF-171 Kamhali (C-III)	35.6	Deodar	-do-	714	926	1336	1638	1567	890	267	161	36	-	7535
				Kail	-do-	144	178	161	72	-	-	-	-	-	-	555
				Rai	-do-	20	19	18	-	-	-	-	-	-	-	57
63.		DPF-173 Salaina	18.6	Deodar	-do-	447	410	261	93	66	38	21	-	-	-	1336
				Kail	-do-	577	465	317	223	140	47	9	-	-	-	1778
				B/L	-do-	73	37	-	-	-	-	-	-	-	-	110
64.		DPF-174 Parshal	3.6	Deodar	-do-	148	72	27	33	11	-	-	-	-	-	291
				Kail	-do-	193	90	24	-	-	-	-	-	-	-	307
				Rai	-do-	56	13	2	-	-	-	-	-	-	-	71
65.		DPF-175- Nagtir (C-I)	20.2	Deodar	-do-	1615	1373	1015	982	698	344	78	15	5	-	6125
				Kail	-do-	805	523	393	297	132	65	7	3	-	-	2225
				Rai	-do-	218	175	180	93	66	11	5	-	-	-	748
				Mohru	-do-	40	68	121	30	4	-	-	-	-	-	263
				B/L	-do-	1	6	9	6	1	-	-	-	-	-	23
66.		DPF-179-Nag Rella (C-II)	110.0	Kail	-do-	2422	4182	4180	7150	5610	770	275	53	-	-	24642
67.		DPF-180 Kalela	13.0	Deodar	-do-	104	195	241	273	299	39	6	-	-	-	1157
68.		DPF-184 Tharu (C-III)	22.2	Deodar	-do-	300	234	166	99	44	44	-	-	-	-	887
				Kail	-do-	611	522	422	253	143	66	33	31	-	-	2081
				Rai	-do-	500	356	322	132	88	44	11	11	-	-	1464
				Fir	-do-	134	89	67	67	33	22	-	-	-	-	412
				B/L	-do-	100	56	34	12	-	-	-	-	-	-	202
69.		DPF-186- Gohach	65.6	Deodar	-do-	6659	3762	2349	1251	711	561	221	229	42	26	15811

		(C-II)														
				Kail	-do-	9632	7310	6281	2841	1996	1427	416	172	86	12	30173
				Rai	-do-	221	202	168	215	89	73	76	48	24	11	1127
				Fir	-do-	116	96	73	94	47	95	91	39	24	28	703
				Kharsu	-do-	11	3	-	-	16	-	-	-	-	-	30
70.		DPF- 187 Jarahi (C-II)	48.9	Deodar	-do-	1273	2863	2666	832	881	441	-	-	-	-	8956
				Kail	-do-	48	1516	1076	636	465	147	-	-	-	-	3888
71.		DPF- 188 Mihani (C-II)	51.0	Deodar	-do-	2066	2550	2065	1602	790	255	102	100	50	-	9580
				Kail	-do-	255	280	102	204	51	51	-	-	-	-	943
				Rai	-do-	-	51	127	76	-	25	25	-	-	-	304
72.		DPF- 192 Sona Batohla (C-2 b I)	46.94	Deodar	-do-	2230	2441	1690	1667	705	470	94	118	-	-	9415
		G. Total				232308	212109	166792	116689	71159	33912	13510	2899	711	191	850280

DEODAR/KAIL WORKING CIRCLE P.B.-II

Spp.	Particular	P.B.	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
Deodar	No. of trees	P.B.-II	116037	103014	96708	70629	43546	22078	7730	2044	526	136	462448
	Vol.		19958.364	47592.468	97481.664	126284.652	121928.8	88775.638	42004.82	12689.152	4145.932	1320.288	562181.778
Kail	No. of trees		80422	77290	44751	35069	22521	9268	4594	462	93	12	274482
	Vol.		12384.988	33621.15	44392.992	62843.648	63734.43	37776.368	25294.564	2903.208	739.257	116.928	283807.533
Rai	No. of trees		11814	9622	8340	3070	1722	807	656	283	68	11	36393
	Vol.		1252.284	3512.03	7656.12	5390.92	4990.356	3497.538	3977.984	1992.037	626.348	128.436	33024.053
Fir	No. of trees		4486	5264	7342	4502	3036	1608	520	108	24	32	26922
	Vol.		1054.21	3037.328	8010.122	7919.018	7969.5	5870.808	2521.48	595.188	167.184	274.912	37419.75
Chil	No. of trees		1192	1199	870	404	102	71	-	-	-	-	3838
	Vol.		87.016	369.292	618.57	515.504	205.53	207.391	-	-	-	-	2003.303
Ban	No. of trees		11154	11011	6438	2539	194	64	8	-	-	-	31408
	Vol.		1182.324	3820.817	5111.772	3651.082	443.872	213.376	36.576	-	-	-	14459.819
Broad Leave	No. of trees		7203	4709	2343	476	38	16	2	2	-	-	14789
	Vol.		828.345	1450.372	1604.955	590.716	75.43	46.64	8.076	9.308	-	-	4613.842
Total	No. of trees		232308	212109	166792	116689	71159	33912	13510	2899	711	191	850280
	Vol.		36747.531	93403.457	164876.195	207195.54	199347.918	136387.759	73843.5	18188.893	5678.721	1840.564	937510.078

APPENDIX-II ENUMERATION RESULTS

ENUMERATION DATA OF TREES IN DEODAR/KAIL WORKING CIRCLE (PB-III)

Sr. No.	Name of Range	Legal status, Number & Name of Forest	Area (Ha)	Species	Parameter	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
1	Theog	RF-10 Rajinder Rakh (C-IX)	37.2	Deo	Number of trees	5499	6272	2682	1757	514	31	-	-	-	-	16755
				Spruce	-do-	1349	875	151	-	-	-	-	-	-	-	2375
2	Theog	RF-10 Rajinder Rakh (C-X)	49.0	Deo	-do-	11587	9961	4850	2326	247	130	29	-	-	-	29130
				Spruce	-do-	1793	1152	199	-	-	-	-	-	-	-	3144
3	Theog	RF-11 Cheog (C-V)	42.8	Deo	-do-	20206	3236	2305	2175	1912	1382	431	51	7	-	31705
				Kail	-do-	1598	260	67	59	18	8	-	-	-	-	2010
				Rai	-do-	917	160	34	26	8	3	-	-	-	-	1148
				Mohru	-do-	1024	108	2	2	2	2	-	-	-	-	1140
				B.L.	-do-	3	5	-	1	-	-	-	-	-	-	9
4.	Theog	DPF-32 Khul	20.2	Deo	-do-	3313	1950	2121	1071	243	-	-	-	-	-	8698
				Kail	-do-	223	71	61	31	21	-	-	-	-	-	407
5.	Theog	DPF-33 Rao Nal	18.6	Deo	-do-	1656	1144	11	-	11	19	9	-	-	-	2850
				Kail	-do-	279	75	-	-	-	-	-	-	-	-	354
				Chil	-do-	196	410	20	-	-	-	-	-	-	-	626
6.	Theog	DPF-38 Kalhari	20.2	Deo	-do-	435	2950	3030	1000	202	-	-	-	-	-	7617
7.	Theog	DPF-39 Jhalrlu C-I	21.9	Deo	-do-	1216	898	767	132	98	66	44	54	-	54	3329
				Kail	-do-	176	66	11	-	-	-	-	-	-	-	253
				Chil	-do-	285	570	274	143	65	22	11	-	-	-	1370
8.	Theog	DPF-46 Karalta Chalan	16.6	Deo	-do-	1689	588	308	237	111	35	8	4	-	-	2980
				Kail	-do-	882	338	370	317	172	46	8	1	-	-	2134
				Rai	-do-	-	3	1	-	-	-	-	-	-	-	4
				Chil	-do-	284	200	53	12	3	1	-	-	-	-	553
				Ban	-do-	65	37	3	7	-	-	-	-	-	-	112

				Mohru	-do-	14	-	-	-	-	-	1	-	-	-	15
				BL	-do-	3	5	-	-	-	-	-	-	-	-	8
9.	Theog	DPF-49 Pap	44.6	Deo	-do-	469	335	826	-	-	-	-	-	-	-	1630
				Kail	-do-	3100	3011	3568	2676	1561	-	-	-	-	-	13916
10.	Theog	DPF-106 Kadhrab	10.6	Deo	-do-	2194	760	165	77	17	1	-	-	-	-	3214
				Kail	-do-	5035	1679	177	13	-	-	-	-	-	-	6904
				Rai	-do-	195	49	4	-	-	-	-	-	-	-	248
				Chil	-do-	3	2	1	-	-	-	-	-	-	-	6
				Mohru	-do-	31	14	-	-	-	-	-	-	-	-	45
11.	Theog	DPF-107 Kufta	55.4	Deo	-do-	4129	3990	3158	1856	970	498	84	28	-	-	14713
				Kail	-do-	388	417	305	84	29	28	-	-	-	-	1251
12.	Theog	DPF-112 Gharail	68.8	Deo	-do-	8737	4472	3784	2476	894	756	137	-	-	-	21256
				Kail	-do-	722	-	-	-	-	-	-	-	-	-	722
13.	Theog	DPF-115 Kalhari (C-I)	8.0	Deo	-do-	1182	1636	608	-	-	-	-	-	-	-	3426
				Kail	-do-	788	482	67	95	50	11	-	-	-	-	1493
				Rai	-do-	390	372	86	-	-	-	-	-	-	-	848
14.	Theog	DPF-118 Sandhu	71.2	Deo	-do-	1745	2706	392	178	37	-	-	-	-	-	5058
				Kail	-do-	3062	6373	8224	3098	356	36	-	-	-	-	21149
				Rai	-do-	143	-	-	37	-	-	-	-	-	-	180
15.	Theog	DPF-119 Mahog	12.2	Deo	-do-	689	329	109	13	18	6	-	-	-	-	1164
				Kail	-do-	3374	2312	153	-	6	74	6	-	-	-	5925
				Rai	-do-	31	6	-	-	-	-	-	-	-	-	37
16.	Theog	DPF-121 Majhogra	8.4	Deo	-do-	1600	2230	1205	457	117	46	13	-	-	-	5668
				Kail	-do-	30	17	-	-	4	-	-	-	-	-	51
17.	Theog	DPF-123 Shillo Jubbar	8.4	Deo	-do-	370	496	420	294	42	17	-	4	-	-	1643
				Kail	-do-	177	261	412	219	84	26	-	-	-	-	1179
				Rai	-do-	34	25	9	5	-	-	-	-	-	-	73
18.	Theog	UPF-66 Bhog- Bhogra	37.0	Deo	-do-	1094	2115	2624	1795	219	-	-	-	-	-	7847
				Kail	-do-	85	362	786	491	41	-	-	-	-	-	1765
				Rai	-do-	36	362	426	123	-	-	-	-	-	-	947
				Mohru	-do-	38	677	529	-	-	-	-	-	-	-	1244
19.	Theog	UPF-67 Kalju	23.9	Deo	-do-	1177	3446	2414	985	300	33	-	-	-	-	8355
				Mohru	-do-	-	-	249	82	-	-	-	-	-	-	331

20.	Theog	UPF-70 Gadla	38.5	Deo	-do-	3480	3889	3126	2113	701	81	-	-	-	-	13390
				Kail	-do-	-	-	-	243	80	-	-	-	-	-	323
				B.L.	-do-	2610	2053	208	-	-	-	-	-	-	-	4871
21.	Theog	UPF-71 Ghatlu	43.8	Deo	-do-	2970	2693	1022	500	415	123	-	-	-	-	7723
				Kail	-do-	-	-	180	121	-	-	-	-	-	-	301
				Chil	-do-	6187	2062	-	-	-	-	-	-	-	-	8249
				B.L.	-do-	-	2231	743	-	-	-	-	-	-	-	2974
22.	Theog	UPF-76 Bacglon	31.0	Deo	-do-	374	1137	2496	2903	780	145	13	-	-	-	7848
				Kail	-do-	48	-	378	257	-	-	-	47	8	-	738
				Rai	-do-	37	474	157	-	-	-	-	-	-	-	668
23.	Theog	UPF-83 Bharaog	11.4	Deo	-do-	36	149	114	68	99	51	22	-	-	-	539
				Kail	-do-	314	571	679	331	251	68	-	-	-	-	2214
				Chil	-do-	205	228	24	-	-	-	-	-	-	-	457
				Rai	-do-	12	14	-	-	-	-	-	-	-	-	26
24.	Theog	UPF-85 Gadah Kufar	21.4	Deo	-do-	2902	2632	1176	744	179	30	-	-	-	-	7663
				Kail	-do-	1935	2335	1053	372	44	65	21	-	-	-	5825
				Rai	-do-	551	703	498	26	-	-	-	-	-	-	1778
				Mohru	-do-	309	403	290	-	-	-	-	-	-	-	1002
25.	Theog	UPF-89 Bajwi	30.8	Deo	-do-	1044	1449	693	122	-	-	-	-	-	-	3308
				Kail	-do-	3132	2465	1162	927	191	31	-	-	-	-	7908
				Ban	-do-	2610	1812	313	-	-	-	-	-	-	-	4735
26.	Theog	UPF-92 Katha Nal	11.4	Deo	-do-	27	9	23	6	-	-	-	-	-	-	65
				Kail	-do-	286	513	456	342	159	69	-	-	-	-	1825
27.	Theog	UPF-93 Kathog	20.7	Deo	-do-	125	114	-	-	-	-	-	-	-	-	239
				Kail	-do-	383	932	797	1314	611	187	11	10	-	-	4245
				Chil	-do-	145	140	-	-	-	-	-	-	-	-	285
28.	Theog	UPF-96 Dharoli	42.4	Deo	-do-	429	340	255	46	-	-	-	-	-	-	1070
				Kail	-do-	1378	2756	2862	1759	1399	636	128	-	-	-	10918
				Chil	-do-	424	594	255	212	-	-	24	-	-	-	1509
29.	Theog	UPF-101 Majh Gaon	8.6	Deo	-do-	57	-	-	-	-	-	-	-	-	-	57
				Kail	-do-	296	754	422	146	9	-	-	-	-	-	1627
30.	Theog	UPF-105 Chikhar	32.8	Deo	-do-	3918	3655	2001	1226	215	84	19	-	-	-	11118
				Kail	-do-	21	14	1	-	-	-	-	-	-	-	36

				Rai	-do-	34	-	-	-	-	-	-	-	-	-	34
31.	Theog	UPF-110 Gharech	21.0	Kail	-do-	4167	3443	2242	1110	265	92	21	-	-	-	11340
32.	Theog	UPF-124 Audh	25.8	Deo	-do-	245	245	-	-	-	-	-	-	-	-	490
				Kail	-do-	5186	1548	-	-	-	-	-	-	-	-	6734
				Rai	-do-	387	1084	-	-	-	-	-	-	-	-	1471
33.	Theog	UPF-134 Chichar	97.0	Deo	-do-	91	-	1812	23828	1722	-	-	-	-	-	27453
				Kail	-do-	511	27	-	-	-	-	-	-	-	-	538
34.	Theog	UPF-284 Taprain	76.6	Deo	-do-	5658	11849	8686	2784	238	-	-	-	-	-	29215
				Kail	-do-	1388	865	473	499	60	-	-	-	-	-	3285
				Chil	-do-	61	468	312	145	96	-	-	-	-	-	1082
				Ban	-do-	27	468	312	-	-	-	-	-	-	-	807
35.	Theog	UPF-293 Salaha	48.6	Deo	-do-	3592	4176	1723	172	-	-	-	-	-	-	9663
				Kail	-do-	3559	4572	3024	1841	254	-	-	-	-	-	13250
				Mohru	-do-	2077	2136	527	-	-	-	-	-	-	-	4740
36.	Theog	UPF-296 Devi Dharech	78.1	Deo	-do-	1156	6432	8681	3608	17	-	-	-	-	-	19894
				Kail	-do-	1135	706	-	-	-	-	-	-	-	-	1841
				Chil	-do-	31	764	703	130	-	-	-	-	-	-	1628
				Ban	-do-	1103	1088	254	-	-	-	-	-	-	-	2445
37.	Theog	UPF-315 Palaina	47.8	Deo	-do-	1339	1842	3896	3993	1291	72	-	-	-	-	12433
				Kail	-do-	526	621	192	144	120	-	-	-	-	-	1603
38.	Theog	UPF-332 Palthun	69.4	Deo	-do-	142	1272	1704	559	-	-	-	-	-	-	3677
				Kail	-do-	1268	5873	6813	3452	570	71	-	-	-	-	18047
				Chil	-do-	5035	3136	-	-	-	-	-	-	-	-	8171
39.	Theog	UPF-347 Kaliend	20.6	Deo	-do-	91	197	184	121	64	21	15	2	1	-	696
				Kail	-do-	16	29	16	17	17	3	3	-	-	-	101
				Rai	-do-	3	4	-	-	-	-	-	-	-	-	7
				Mohru	-do-	202	189	73	10	1	1	-	-	-	-	476
				B.L.	-do-	-	-	-	-	-	-	1	-	-	-	1
40.	Theog	UPF-349 Dhar	46.6	Deo	-do-	1147	1082	253	147	48	-	-	-	-	-	2677
				Kail	-do-	3411	2106	582	680	196	103	23	-	-	-	7101
				Chil	-do-	57	380	446	286	39	-	-	-	-	-	1208
41	Balson	DPF-131 Deha (C-I)	89.0	Deo	-do-	2945	1524	281	109	66	31	14	5	2	1	4978

				Kail	-do-	2178	884	538	637	628	285	74	31	8	3	5266
				Fir	-do-	9	7	4	2	1	-	-	-	-	-	23
				Rai	-do-	2544	1461	1196	761	172	182	64	46	12	5	6443
				Ban	-do-	161	113	33	10	2	2	1	-	-	-	322
				Mohru	-do-	13674	8328	2699	594	151	55	34	8	6	3	25552
				BL	-do-	4994	692	151	45	19	11	4	-	-	-	5916
42.	Balson	DPF-132 Barog (C-I)	6.0	Deo	-do-	618	832	795	488	189	144	72	28	3	1	3170
				Kail	-do-	16	17	4	13	2	-	-	-	-	-	52
				Ban	-do-	10	12	5	-	-	-	-	-	-	-	27
43.	Balson	DPF-133 Ghorna (C-I)	109.2	Deo	-do-	3270	2418	1944	1476	998	402	78	54	25	5	10670
				Kail	-do-	2572	2140	1309	1010	709	406	74	39	4	2	8265
				Rai	-do-	1092	913	698	491	309	272	74	39	5	2	3895
				Fir	-do-	598	336	284	209	174	106	49	13	4	2	1775
				Mohru	-do-	1076	954	683	405	267	29	5	2	-	-	3421
				Kharsu	-do-	514	397	208	95	42	13	7	2	-	-	1278
				B.L.	-do-	400	280	155	107	54	-	-	-	-	-	996
44.	Balson	DPF-134 Doba (C-II)	23.4	Deo	-do-	3370	914	780	696	354	180	90	39	15	4	6442
				Kail	-do-	315	248	188	236	42	20	3	-	-	-	1052
				Rai	-do-	24	9	7	8	2	-	-	-	-	-	50
45.	Balson	DPF 136 Kufta	30.0	Deo	-do-	390	869	926	774	475	276	105	69	-	-	3884
				Kail	-do-	90	320	298	290	280	49	-	-	-	-	1327
46.	Balson	DPF-137 Kadharan	95.0	Deo	-do-	808	2805	3241	5901	3385	1708	159	35	-	-	18042
				Kail	-do-	790	1002	1539	2266	1517	331	-	-	-	-	7445
				B.L.	-do-	223	332	190	143	-	-	-	-	-	-	888
47.	Balson	DPF-138 Khagna (C-I)	41.6	Deo	-do-	4817	3405	2375	1417	792	336	142	49	18	8	13359
				Kail	-do-	1644	1005	795	605	596	255	87	19	5	2	5013
				Fir	-do-	406	148	51	37	16	7	5	3	1	-	674
				Rai	-do-	720	458	398	197	92	27	9	3	2	-	1906
				Mohru	-do-	2518	1306	390	142	22	5	2	-	-	-	4385
				Kharsu	-do-	705	397	103	17	9	6	3	-	-	-	1240
				BL	-do-	318	45	34	14	12	-	-	-	-	-	423
48.	Balson	DPF-138 Khagna (C-II)	91.8	Deo	-do-	326	513	733	818	383	354	173	86	58	12	3456

				Kail	-do-	155	341	614	863	533	341	161	63	7	1	3079
				Fir	-do-	2533	3146	2395	1132	487	213	72	32	11	8	10029
				Rai	-do-	2235	2216	1389	1279	560	231	77	20	6	-	8013
				Mohru	-do-	523	1666	1105	448	137	41	12	2	2	-	3936
				Kharshu	-do-	307	369	145	29	6	1	1	-	-	-	858
				BL	-do-	1856	1839	690	247	39	4	1	1	-	-	4677
49.	Balson	DPF-138 Khagna (C-III)	37.6	Deo	-do-	1497	2032	1502	1014	412	227	117	63	17	10	6891
				Kail	-do-	237	188	65	28	57	78	57	28	10	2	750
				Fir	-do-	245	229	108	29	-	-	-	-	-	-	611
				Rai	-do-	416	558	463	386	149	49	5	-	-	-	2026
				Mohru	-do-	246	191	73	18	4	2	-	-	-	-	534
				Kharshu	-do-	292	224	71	17	3	1	-	-	-	1	609
				BL	-do-	434	256	102	20	1	1	-	-	-	-	814
50.	Balson	DPF-139 Chadaha (C-I)	70.0	Deo	-do-	2566	1914	2380	1634	1563	1073	536	186	260	6	12118
				Kail	-do-	1166	1003	1400	1003	793	466	303	302	210	70	6716
				Rai	-do-	1050	910	805	630	560	490	385	245	315	35	5425
				Fir	-do-	910	595	595	630	490	420	350	140	350	34	4514
				BL	-do-	2450	1750	1085	175	-	-	-	-	-	-	5460
51.	Balson	DPF-139 Chadaha (C-II)	25.8	Deo	-do-	697	680	456	284	142	155	104	52	38	14	2622
				Kail	-do-	800	284	197	223	91	103	39	26	38	-	1801
				BL	-do-	473	150	116	26	-	-	-	-	-	-	765
52.	Balson	DPF-140 Lakhoti (C-II)	42.0	Deo	-do-	909	881	583	394	278	215	147	112	48	-	3567
				Kail	-do-	250	203	122	49	11	7	-	-	-	-	642
				Rai	-do-	479	496	394	380	326	202	197	141	145	-	2760
				Fir	-do-	391	397	274	207	210	167	102	81	50	-	1879
				Mohru	-do-	239	133	6	-	-	-	-	-	-	-	378
				Kharsu	-do-	296	226	161	82	10	1	-	-	-	-	776
				B.L.	-do-	1101	1102	399	18	-	-	-	-	-	-	2620
53	Balson	DPF-141 Sujana (C-III)	23.8	Deo	-do-	382	453	632	298	250	119	119	96	-	-	2349
				Kail	-do-	358	394	263	108	24	-	-	-	-	-	1147
				Rai	-do-	239	476	262	119	24	-	-	-	-	-	1120
				Fir	-do-	286	382	512	595	215	143	96	-	-	-	2229
				B.L.	-do-	310	192	24	-	-	-	-	-	-	-	526

54.	Balson	DPF-148 Chadren (C-II)	72.4	Deo	-do-	1268	1377	2100	1159	942	507	145	-	-	-	7498
				Kail	-do-	1014	942	1014	290	-	-	-	-	-	-	3260
				Rai	-do-	1086	1159	797	145	73	-	-	-	-	-	3260
				Fir	-do-	1304	1304	1521	1159	362	435	73	-	-	-	6158
				Kharshu	-do-	652	362	363	-	-	-	-	-	-	-	1377
				Broad Leaved	-do-	145	73	-	-	-	-	-	-	-	-	218
55.	Balson	DPF-153 Bar	19.8	Deo	-do-	462	1130	4644	1921	644	50	-	-	-	-	8851
56.	Balson	DPF-158Chalen	20.2	Deo	-do-	860	768	667	324	223	202	81	-	-	-	3125
				Kail	-do-	860	687	445	242	243	122	91	-	-	-	2690
57.	Balson	UPF-377Ganog	20.6	Deo	-do-	555	1599	843	123	31	67	23	-	-	-	3241
				Kail	-do-	555	335	-	-	-	-	-	-	-	-	890
58.	Balson	UPF-382 Kalna	17.7	Deo	-do-	273	452	597	513	223	137	66	24	10	2	2297
				Kail	-do-	14	8	5	6	4	6	6	2	2	-	53
59.	Balson	UPF-384 Kothi	30.5	Deo	-do-	3128	2782	1142	1096	631	306	60	-	-	-	9145
				Kail	-do-	165	994	1169	530	63	-	-	-	-	-	2921
60.	Balson	UPF-398 Khalot	24.0	Deo	-do-	261	1566	1415	702	145	-	-	-	-	-	4089
				Kail	-do-	2399	2158	522	-	-	-	-	-	-	-	5079
61.	Balson	UPF-401 Khar	10.0	Deo	-do-	83	499	626	176	14	77	30	-	-	-	1505
				Kail	-do-	19	16	13	-	-	-	-	-	-	-	48
62.	Balson	UPF-403 Balala	40.4	Deo	-do-	26	11	4	-	-	-	-	-	-	-	41
				Kail	-do-	3124	3706	1516	346	61	-	-	-	-	-	8753
				Rai	-do-	-	-	246	164	-	-	-	-	-	-	410
				Ban	-do-	-	-	246	164	133	33	-	-	-	-	576
				BL	-do-	-	-	-	199	49	-	-	-	-	-	248
63.	Kotkhai	R-13 Chambi- Kupar (C-II b)	22.4	Deo	-do-	247	112	124	168	34	-	-	-	-	-	685
				Kail	-do-	482	415	370	348	236	90	23	-	-	-	1964
64.	Kotkhai	R-13 Chambi- Kupar (C-VIIb)	15.4	Deo	-do-	93	95	201	70	62	24	8	-	-	-	553
				Kail	-do-	95	94	124	94	8	-	-	-	-	-	415
				Rai	-do-	78	62	108	62	39	8	-	-	-	-	357
65.	Kotkhai	R-16 Kalala (C-I)	24.6	Deo	-do-	2337	1845	948	615	222	86	-	-	-	-	6053
				Kail	-do-	431	554	222	99	-	-	-	-	-	-	1306
66.	Kotkhai	R-16 Kalala (C-II)	17.0	Deo	-do-	1488	1190	706	493	272	136	-	-	-	-	4285

				Kail	-do-	298	383	68	-	-	-	-	-	-	-	749
67.	Kotkhai	R-16 Kalala (C-VIII b)	8.4	Deo	-do-	714	714	530	227	93	34	9	-	-	-	2321
				Kail	-do-	504	420	139	34	-	-	-	-	-	-	1097
68.	Kotkhai	R-16 Kalala (C-XIII)	27.2	Deo	-do-	1768	1496	1238	680	353	82	-	-	-	-	5617
				Kail	-do-	1510	1224	1102	694	326	54	-	-	-	-	4910
69.	Kotkhai	R-16 Kalala (C-XVI a)	11.0	Deo	-do-	886	1106	743	501	181	55	11	-	-	-	3483
				Kail	-do-	193	248	88	44	-	-	-	-	-	-	573
70.	Kotkhai	DPF-164 Shirgul (C-III)	19.4	Deo	-do-	350	525	641	447	117	78	39	20	-	-	2217
				Kail	-do-	427	516	574	349	156	78	10	-	-	-	2110
				Rai	-do-	196	312	388	233	78	39	-	-	-	-	1246
				Mohru	-do-	448	271	175	-	-	-	-	-	-	-	894
71.	Kotkhai	DPF-164 Shirgul (C-VII)	28.8	Deo	-do-	2306	2018	1584	951	288	130	-	-	-	-	7277
				Kail	-do-	376	288	116	-	-	-	-	-	-	-	780
				Rai	-do-	204	131	-	-	-	-	-	-	-	-	335
72.	Kotkhai	DPF-164 Shirgul (C-VIII)	32.4	Deo	-do-	2108	2546	1718	1166	453	98	49	-	-	-	8138
				Kail	-do-	585	422	65	-	-	-	-	-	-	-	1072
				Rai	-do-	454	260	33	-	-	-	-	-	-	-	747
73.	Kotkhai	DPF-168 Paul Ke Niche (C-III)	48.6	Deo	-do-	2918	3378	2504	2115	728	438	171	122	-	-	12374
				Kail	-do-	632	584	341	146	-	-	-	-	-	-	1703
				Rai	-do-	486	292	49	-	-	-	-	-	-	-	827
				Mohru	-do-	341	243	97	-	-	-	-	-	-	-	681
74.	Kotkhai	DPF-171 Kamahli (C-II)	12.6	Deo	-do-	599	745	510	260	127	47	18	12	8	2	2328
				Kail	-do-	119	57	18	12	10	12	7	-	-	-	235
				Rai	-do-	2	3	-	-	-	-	-	-	-	-	5
75.	Kotkhai	DPF-177 Gahan Jarai (C-III)	50.6	Deo	-do-	582	582	405	279	228	26	102	-	-	-	2204
				Kail	-do-	1341	658	405	228	279	178	-	-	-	-	3089
				Rai	-do-	3264	1240	734	228	127	-	-	-	-	-	5593
				Mohru	-do-	1392	1544	2834	1620	962	456	178	-	-	-	8986
				Kharshu	-do-	306	305	253	76	52	-	-	-	-	-	992
				BL	-do-	836	1393	786	634	153	26	-	25	-	-	3853
76.	Kotkhai	DPF-178 Gawali Dhar	52.2	Deo	-do-	183	182	132	-	-	-	-	-	-	-	497

				Kail	-do-	1566	1358	1906	1984	1932	53	-	-	-	-	8799
77.	Kotkhai	DPF-181 Rasalan (C-I)	61.0	Deo	-do-	305	183	366	1067	366	183	-	-	-	-	2470
				Kail	-do-	976	1159	1403	2318	2562	244	-	-	-	-	8662
78.	Kotkhai	DPF-181 Rasalan (C-II)	68.8	Deo	-do-	412	448	516	860	1307	240	-	-	-	-	3783
				Kail	-do-	1308	1652	1995	2201	1960	247	-	-	-	-	9363
79.	Kotkhai	DPF-187 Jarahi (C-I)	48.6	Deo	-do-	342	584	341	146	98	49	-	-	-	-	1560
				Kail	-do-	2262	5542	3038	1143	1166	632	97	-	-	-	13880
80.	Kotkhai	DPF-188 Mihani (C-I)	44.9	Deo	-do-	2127	1745	1043	933	901	358	128	68	42	-	7345
				Kail	-do-	2404	1653	1042	950	757	289	94	54	17	-	7260
				Rai	-do-	223	151	79	34	23	10	2	5	5	-	532
				Fir	-do-	1	1	-	5	3	1	1	-	-	-	12
				Mohru	-do-	3	3	1	6	5	5	-	-	-	-	23
				BL	-do-	-	3	12	9	2	1	1	-	-	-	28
81.	Kotkhai	DPF-188 Mihani (C-III)	34.4	Deo	-do-	602	792	929	756	516	344	306	238	204	-	4687
				Kail	-do-	379	620	344	481	344	206	204	102	51	-	2731
82.	Kotkhai	DPF-188 Mihani (C-IV)	65.6	Deo	-do-	788	1575	1411	738	1246	656	959	391	131	-	7895
				Kail	-do-	624	886	656	524	787	559	460	196	65	-	4757
83.	Kotkhai	UPF-416 Shadoli Kathim	25.5	Deo	-do-	180	1662	1743	738	206	111	25	-	-	-	4665
				Kail	-do-	105	416	911	424	-	-	-	-	-	-	1856
84.	Kotkhai	UPF-443 Tomru	112.6	Deo	-do-	4497	3267	1086	507	-	-	-	-	-	-	9357
				Kail	-do-	4453	3267	1087	1265	510	160	16	-	-	-	10758
				Fir	-do-	38	-	639	212	-	93	30	-	-	-	1012
				Rai	-do-	1471	1424	585	1324	774	314	61	-	-	-	5953
				Mohru	-do-	13	-	639	405	249	61	-	-	-	-	1367
				B.L.	-do-	69	1418	250	1210	462	43	-	-	-	-	3452
85.	Kotkhai	UPF-469 Baghal Mangloti	106.6	Deo	-do-	1561	2006	955	363	59	-	-	-	-	-	4944
				Kail	-do-	6185	6975	3365	2025	1051	317	12	-	-	-	19930
				Rai	-do-	3939	1581	290	37	-	-	-	-	-	-	5847
				Ban	-do-	1879	1341	358	202	17	-	-	-	-	-	3797
				BL	-do-	1861	602	-	228	40	-	-	-	-	-	2731
86.	Kotkhai	UPF-483 Janaul	42.3	Deo	-do-	138	1241	2081	1983	681	488	127	90	29	-	6858
87.	Kotkhai	UPF-489 Kathrot	45.3	Deo	-do-	2869	2387	737	467	95	-	-	-	-	-	6555

				Kail	-do-	4695	3241	982	767	81	-	-	-	-	-	9766
				Total		354200	324517	226494	162476	65263	25233	9014	3710	2255	289	1173451

DEODAR/KAIL WORKING CIRCLE P.B.-III

Spp.	Particular	P.B.	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
Deodar	No. of trees	P.B.-III	157541	154524	121382	97616	32494	13856	5037	1982	916	119	585467
	Vol.		27097.052	71390.088	122353.056	174537.408	90983.2	55714.976	27371.058	12304.256	7219.912	1155.252	590126.258
Kail	No. of trees		99550	95361	67910	45513	24387	7142	2039	920	455	80	343357
	Vol.		15330.7	41482.035	67366.72	81559.296	69015.21	29110.792	11226.734	5781.28	3616.795	779.52	325269.082
Rai	No. of trees		26114	19395	10486	6695	3316	1827	874	499	460	42	69708
	Vol.		2768.084	7079.175	9626.148	11756.42	9609.768	7918.218	5299.936	3512.461	4237.06	490.392	62297.662
Fir	No. of trees		6721	6545	6383	4217	1958	1585	778	269	416	44	28916
	Vol.		1579.435	3776.465	6963.853	7417.703	5139.75	5786.835	3772.522	1482.459	2897.856	378.004	39194.882
Chil	No. of trees		12913	8954	2088	928	203	23	35	-	-	-	25144
	Vol.		942.649	2757.832	1484.568	1184.128	409.045	67.183	139.86	-	-	-	6985.265
Ban	No. of trees		33095	25317	13200	4431	2074	714	244	14	8	4	79101
	Vol.		3508.07	8784.999	10480.8	6371.778	4745.312	2380.476	1115.568	73.668	54.248	33.92	37548.839
Broad Leave	No. of trees		18266	14421	5045	3076	831	86	7	26	-	-	41758
	Vol.		2100.59	4441.668	3455.825	3817.316	1649.535	250.69	28.266	121.004	-	-	15864.894
Total	No. of trees		354200	324517	226494	162476	65263	25233	9014	3710	2255	289	1173451
	Vol.		53326.58	139712.262	221730.97	286644.049	181551.82	101229.17	48953.944	23275.128	18025.871	2837.088	1077286.882

APPENDIX- II ENUMERATION RESULTS

ENUMERATION DATA OF TREES DEODAR/KAIL WORKING CIRCLE (PB-IV)

Sr. No.	Name of Range	Legal Status/ Number & Name of Forest.	Area (Ha)	Species	Para-meter	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
1.	Theog.	DPF-29 Shalli Ka Tir C. No.III.	91.75	Deodar	Number of trees.	8166	10552	9634	3716	2202	1514	689	459	459	136	37527
	-do-	-do-	-do-	Rai	-do-	3716	3625	2386	2340	780	459	459	230	138	-	14133
	-do-	-do-	-do-	Ban	-do-	2111	1835	1331	597	138	-	-	-	-	-	6012
	-do-	-do-	-do-	Mohru	-do-	459	332	230	138	-	-	-	-	-	-	1159
2	-do-	DPF-51-Bhalech C.No.I.	24.2	Deodar	-do-	1659	1974	1720	884	690	-	-	-	-	-	6927
	-do-	-do-	-do-	Kail	-do-	3813	4538	1936	1549	1331	-	-	-	-	-	13167
	-do-	-do-	-do-	Rai	-do-	363	290	182	13	-	-	-	-	-	-	848
3	-do-	DPF-54 Tungla.	28.0	Deodar	-do-	420	322	-	-	-	-	-	-	-	-	742
	-do-	-do-	-do-	Kail	-do-	4620	2940	1372	-	-	-	-	-	-	-	8932
4	-do-	DPF-57 Silu.	13.4	Deodar	-do-	3962	2859	291	-	102	56	-	-	-	-	7270
	-do-	-do-	-do-	Kail	-do-	1308	805	-	-	-	-	-	-	-	-	2113
5	-do-	DPF-59-Gol Tibbi	45.0	Deodar	-do-	516	443	47	-	-	-	-	-	-	-	1006
	-do-	-do-	-do-	Kail	-do-	11953	1668	99	35	20	7	3	-	-	-	13785
	-do-	-do-	-do-	Rai	-do-	440	168	101	-	-	-	-	-	-	-	709
6	-do-	DPF-61 Sarog.	13.4	Deodar	-do-	422	270	8	-	-	-	-	-	-	-	700
	-do-	-do-	-do-	Kail	-do-	2205	1366	25	66	37	15	2	1	-	-	3717
	-do-	-do-	-do-	Rai	-do-	11	7	1	-	-	-	-	-	-	-	19
	-do-	-do-	-do-	Mohru	-do-	23	15	2	-	-	-	-	-	-	-	40
7	-do-	DPF-103-Sukha Jal	119.4	Deodar	-do-	10507	9432	6328	2388	1373	55	-	-	-	-	30083
	-do-	-do-	-do-	Kail	-do-	1194	835	1014	417	59	-	-	-	-	-	3519
	-do-	-do-	-do-	Rai	-do-	716	238	60	-	-	-	-	-	-	-	1014
8	-do-	DPF-120 Gharol C. No. II.	16.2	Deodar	-do-	1369	1013	875	357	41	33	-	-	-	-	3688
	-do-	-do-	-do-	Kail	-do-	1444	747	527	438	373	90	17	-	-	-	3636
	-do-	-do-	-do-	Rai	-do-	114	25	-	-	-	-	-	-	-	-	139
9	-do-	DPF-124 Chichar	126.2	Deodar	-do-	3048	2573	222	15	3	1	1	-	-	-	5863
	-do-	-do-	-do-	Kail	-do-	6707	3902	477	59	10	1	-	-	1	-	11157
	-do-	-do-	-do-	Rai	-do-	2198	1660	496	180	39	7	2	8	4	-	4594
	-do-	-do-	-do-	Kharsu	-do-	2522	1382	376	126	20	3	3	-	-	-	4432
	-do-	-do-	-do-	B/L	-do-	768	650	280	189	51	13	2	3	-	-	1956
10	-do-	UPF-64-Kandi Bhaleot	37.8	Deodar	-do-	264	1232	1765	866	318	193	38	-	-	-	4676
	-do-	-do-	-do-	Kail	-do-	931	569	157	104	-	-	-	-	-	-	1761
	-do-	-do-	-do-	Chil	-do-	7380	4556	158	104	-	-	-	-	-	-	12198
11	-do-	UPF-68 Rajpur	28.4	Deodar	-do-	2111	2454	1011	607	149	-	-	-	-	-	6332
	-do-	-do-	-do-	Kail	-do-	1394	1558	582	199	83	14	-	-	-	-	3830
	-do-	-do-	-do-	Rai	-do-	703	430	119	79	-	-	-	-	-	-	1331
	-do-	-do-	-do-	Chil	-do-	4182	2581	-	-	-	-	-	-	-	-	6763
12	-do-	UPF-74-Baranal	116.3	Deodar	-do-	8590	8570	4385	1986	172	-	66	22	-	-	23791
	-do-	-do-	-do-	Kail	-do-	139	948	2316	1311	61	-	-	-	-	-	4775
	-do-	-do-	-do-	Rai	-do-	1405	1350	316	183	184	40	-	-	-	-	3478
	-do-	-do-	-do-	B/L	-do-	1379	876	-	-	-	-	-	-	-	-	2255

13	-do-	UPF-77-Gowas Kufta.	16.0	Deodar	-do-	139	-	1397	931	-	-	-	-	-	-	2467
	-do-	-do-	-do-	Kail	-do-	1182	1115	659	266	-	-	-	-	-	-	3222
14	-do-	UPF-79 Soi	16.4	Deodar	-do-	241	2004	1708	272	-	-	-	-	-	-	4225
	-do-	-do-	-do-	Rai	-do-	46	401	267	-	-	-	-	-	-	-	714
15	-do-	UPF-80 Bagain	8.2	Deodar	-do-	95	-	819	545	-	-	-	-	-	-	1459
16	-do-	UPF-81-Odi Dhar	11.8	Deodar	-do-	125	577	971	503	37	-	-	-	-	-	2213
	-do-	-do-	-do-	Chil	-do-	864	533	-	-	-	-	-	-	-	-	1397
17	-do-	UPF-84-Parbhech.	5.0	Deodar	-do-	16	96	106	40	6	-	-	-	-	-	264
	-do-	-do-	-do-	Kail	-do-	90	249	170	77	24	-	-	-	-	-	610
18	-do-	UPF-94-Anoo	10.7	Deodar	-do-	231	293	84	6	-	-	-	-	-	-	614
	-do-	-do-	-do-	Kail	-do-	445	425	469	717	317	76	-	-	-	-	2449
19	-do-	UPF-97-Lanoo	34.9	Deodar	-do-	559	556	524	210	-	-	-	-	-	-	1849
	-do-	-do-	-do-	Chil	-do-	1257	1397	1222	349	47	-	-	18	-	-	4290
20	-do-	UPF-99-Koti	19.7	Deodar	-do-	296	621	444	552	207	40	10	-	-	-	2170
	-do-	-do-	-do-	Kail	-do-	227	99	-	11	-	-	-	-	-	-	337
	-do-	-do-	-do-	Chil	-do-	227	749	-	-	-	-	-	-	-	-	976
21	-do-	UPF-111-Dhanot	10.9	Kail	-do-	4833	3489	355	-	-	-	-	-	-	-	8677
	-do-	-do-	-do-	Rai	-do-	791	492	-	-	-	-	-	-	-	-	1283
22	-do-	UPF-112-Rishaili.	15.8	Deodar	-do-	826	159	-	-	-	-	-	-	-	-	985
	-do-	-do-	-do-	Kail	-do-	1956	986	159	-	-	-	-	-	-	-	3101
23	-do-	UPF-113-Kundli	8.6	Deodar	-do-	131	79	89	3	-	-	-	-	-	-	302
	-do-	-do-	-do-	Kail	-do-	711	327	280	6	-	-	-	-	-	-	1324
24	-do-	UPF-114-Chaleog.	16.9	Deodar	-do-	716	258	139	-	-	-	-	-	-	-	1113
	-do-	-do-	-do-	Kail	-do-	2289	1189	729	189	85	-	-	-	-	-	4481
25	-do-	UPF-115-Bharahina.	19.0	Deodar	-do-	2808	3885	1602	104	-	-	-	-	-	-	8399
	-do-	-do-	-do-	Kail	-do-	936	879	190	-	-	-	-	-	-	-	2005
	-do-	-do-	-do-	Rai	-do-	1838	1145	-	-	-	-	-	-	-	-	2983
26	-do-	UPF-122-Tatal.	26.7	Kail	-do-	1303	1239	1622	1224	334	75	-	-	-	-	5797
	-do-	-do-	-do-	Chil	-do-	1291	804	222	148	-	86	21	-	-	-	2572
	-do-	-do-	-do-	Ban	-do-	1243	1239	290	-	-	-	-	-	-	-	2772
27	-do-	UPF-125-Bagri.	36.6	Deodar	-do-	154	-	-	-	-	-	-	-	-	-	154
	-do-	-do-	-do-	Kail	-do-	8949	2434	37	-	-	-	-	-	-	-	11420
	-do-	-do-	-do-	Rai	-do-	81	47	-	-	-	-	-	-	-	-	128
28	-do-	UPF-126-Kiari	38.9	Deodar	-do-	1149	1084	1224	1351	328	32	-	-	-	-	5168
	-do-	-do-	-do-	Kail	-do-	9115	6387	1087	520	128	32	-	-	-	-	17269
	-do-	-do-	-do-	Rai	-do-	1437	439	-	-	-	-	-	-	-	-	1876
29	-do-	UPF-129-Manal Kasog.	39.2	Deodar	-do-	5882	2722	1619	392	-	-	-	-	-	-	10615
	-do-	-do-	-do-	Kail	-do-	1063	2275	2240	277	50	-	-	-	-	-	5905
	-do-	-do-	-do-	Mohru	-do-	2180	1510	255	-	-	-	-	-	-	-	3945
30	-do-	UPF-137-Bithu Makrol.	148.1	Deodar	-do-	8944	10716	4528	1387	147	-	-	-	-	-	25722
	-do-	-do-	-do-	Kail	-do-	14325	14963	4614	407	-	-	-	-	-	-	34309
	-do-	-do-	-do-	Fir	-do-	1194	743	-	-	-	-	-	-	-	-	1937
	-do-	-do-	-do-	Rai	-do-	21199	18715	1278	447	208	34	-	-	-	-	41881
	-do-	-do-	-do-	Chil	-do-	40	402	268	-	-	-	-	-	-	-	710
	-do-	-do-	-do-	Mohru	-do-	67	2011	1340	-	-	-	-	-	-	-	3418
31	-do-	UPF-138-Jahu.	182.0	Deodar	-do-	4019	6887	6119	3447	746	117	52	62	16	-	21465
	-do-	-do-	-do-	Kail	-do-	14829	12840	7163	4886	859	76	-	-	-	-	40653
	-do-	-do-	-do-	Rai	-do-	5224	4599	1340	302	-	-	-	-	-	-	11465

	-do-	-do-	-do-	Chil	-do-	1333	2601	1641	302	-	88	22	-	-	-	5987
	-do-	-do-	-do-	Mohru	-do-	2542	2535	593	-	-	-	-	-	-	-	5670
	-do-	-do-	-do-	B/L	-do-	-	-	-	-	-	-	-	52	12	-	64
32	-do-	UPF-286-Kadharab.	28.6	Deodar	-do-	1103	887	858	315	86	-	-	-	-	-	3249
	-do-	-do-	-do-	Kail	-do-	1404	1174	544	115	-	-	-	-	-	-	3237
	-do-	-do-	-do-	Rai	-do-	202	86	29	-	-	-	-	-	-	-	317
	-do-	-do-	-do-	Mohru	-do-	1259	144	-	-	-	-	-	-	-	-	1403
33	-do-	UPF-294-Nag.	115.4	Kail	-do-	14083	18564	9688	2805	241	-	-	-	-	-	45381
	-do-	-do-	-do-	Mohru	-do-	4987	3393	587	-	-	-	-	-	-	-	8967
34	-do-	UPF-302-Shai.	38.4	Kail	-do-	8997	7056	1193	127	-	-	-	-	-	-	17373
	-do-	-do-	-do-	Chil	-do-	3343	2082	-	-	-	-	-	-	-	-	5425
35	-do-	UPF-320-Satrail.	23.5	Deodar	-do-	83	118	48	33	-	-	-	-	-	-	282
	-do-	-do-	-do-	Kail	-do-	2598	3208	1199	506	71	-	-	-	-	-	7582
36	-do-	UPF-340- Shari.	6.8	Deodar	-do-	895	487	293	354	184	65	31	-	-	-	2309
37	Balson	DPF-128-Bawar.	8.0	Deodar	-do-	1614	352	224	296	163	67	-	-	-	-	2716
38	-do-	DPF-147-Majhelia. (C-II)	29.2	Deodar	-do-	480	656	687	689	367	243	122	55	11	-	3310
	-do-	-do-	-do-	Kail	-do-	415	501	482	625	389	221	139	81	16	-	2869
	-do-	-do-	-do-	Rai	-do-	3	1	2	4	1	-	-	-	-	-	11
	-do-	-do-	-do-	Fir	-do-	2	2	-	-	-	-	-	-	-	-	4
	-do-	-do-	-do-	B/L	-do-	9	7	-	-	-	-	-	-	-	-	16
39	-do-	DPF-148- Chadren. (C-III)	8.4	Deodar	-do-	525	579	468	475	264	241	226	155	65	14	3012
	-do-	-do-	-do-	Kail	-do-	30	38	25	16	15	22	8	-	-	-	154
	-do-	-do-	-do-	Rai	-do-	15	8	5	-	-	-	-	-	-	-	28
	-do-	-do-	-do-	B/L	-do-	8	7	1	-	-	-	-	-	-	-	16
	-do-	-do-	-do-	Mohru	-do-	4	2	3	3	-	-	-	-	-	-	12
40	-do-	UPF-360-Ghog. (C-I)	125.5	Deodar	-do-	2177	3431	4017	3724	1465	628	220	-	-	-	15662
	-do-	-do-	-do-	Kail	-do-	1632	1757	226	1758	63	-	-	-	-	-	5436
41	-do-	UPF-373-Shilla.	121.7	Deodar	-do-	245	2479	4195	1480	-	-	-	-	-	-	8399
	-do-	-do-	-do-	Kail	-do-	1513	3891	2899	709	66	-	-	-	-	-	9078
	-do-	-do-	-do-	Mohru	-do-	1525	4386	2566	168	-	-	-	-	-	-	8645
	-do-	-do-	-do-	Rai	-do-	1525	916	-	-	-	-	-	-	-	-	2441
42	-do-	UPF-404-Dasana.	99.1	Deodar	-do-	839	2295	2435	1050	229	52	-	-	-	-	6900
				Kail	-do-	50	1211	807	234	77	156	52	-	-	-	2587
				Rai	-do-	14	-	-	234	77	-	-	-	-	-	325
				Ban	-do-	-	606	403	-	-	-	-	-	-	-	1009
43	Kotkhai	R-13-Chambi Kupar C. No. III a	50.2	Deodar	-do-	267	334	197	69	-	-	2	2	-	-	871
	-do-	-do-	-do-	Kail	-do-	826	863	560	1021	1314	1219	841	281	89	19	7033
	-do-	-do-	-do-	Rai	-do-	981	819	256	97	16	14	19	8	4	3	2217
	-do-	-do-	-do-	Fir	-do-	619	536	122	13	2	1	-	-	-	-	1293
	-do-	-do-	-do-	Ban	-do-	38	28	12	3	-	-	-	-	-	-	81
	-do-	-do-	-do-	Chil	-do-	10	28	74	72	21	3	-	-	-	-	208
	-do-	-do-	-do-	B/L	-do-	377	379	196	72	7	1	1	-	-	-	1033
44	-do-	R-13-Chambi Kupar C. No. C-IV b	91.8	Deodar	-do-	2136	2223	1036	402	201	202	-	-	-	-	6200
	-do-	-do-	-do-	Kail	-do-	3262	2886	1003	520	354	158	66	51	-	-	8300
	-do-	-do-	-do-	Rai	-do-	36	29	18	23	14	27	29	-	-	-	176
	-do-	-do-	-do-	Ban	-do-	56	26	21	15	6	-	-	-	-	-	124

45	-do-	R-13-Chambi Kupar C. No. VII a	38.8	Deodar	-do-	2838	2420	971	425	190	60	56	21	-	-	6981
	-do-	-do-	-do-	Kail	-do-	593	605	329	248	144	46	10	6	1	1	1983
	-do-	-do-	-do-	Rai	-do-	56	19	9	6	-	-	-	-	-	-	90
	-do-	-do-	-do-	Mohru	-do-	3	-	-	-	-	-	-	-	-	-	3
	-do-	-do-	-do-	Ban	-do-	8	10	3	2	-	-	-	-	-	-	23
	-do-	-do-	-do-	B/L	-do-	96	69	41	22	12	7	11	6	-	-	264
46	-do-	R-13-Chambi Kupar C. No.IXa	68.8	Deodar	-do-	826	1239	1308	1720	1032	516	379	207	172	-	7399
	-do-	-do-	-do-	Kail	-do-	483	827	516	826	516	379	241	104	35	-	3927
	-do-	-do-	-do-	Rai	-do-	345	482	757	654	482	172	104	35	-	-	3031
47	-do-	R-13-Chambi Kupar C. No.XIIc	29.2	Kail	-do-	709	545	140	89	115	68	40	18	7	2	1733
	-do-	-do-		Rai	-do-	703	554	139	76	25	5	5	3	1	1	1512
	-do-	-do-		Fir	-do-	78	68	21	7	1	1	-	-	-	-	176
	-do-	-do-		Mohru	-do-	141	254	345	409	300	228	138	74	36	20	1945
	-do-	-do-		B/L	-do-	1298	1538	541	80	22	7	1	-	-	-	3487
48	-do-	R-15-Tomru C.No.II.	25.4	Deodar	-do-	294	516	631	272	19	14	2	1	-	-	1749
	-do-	-do-		Kail	-do-	110	97	76	81	100	130	106	74	27	13	814
	-do-	-do-		Rai	-do-	58	45	16	5	-	1	-	-	-	-	125
	-do-	-do-		Fir	-do-	3	3	-	-	-	-	-	-	-	-	6
				Ban	-do-	14	13	2	-	-	-	-	-	-	-	29
	-do-	-do-		Mohru	-do-	1239	1120	351	202	66	31	23	25	12	4	3073
	-do-	-do-		B/L	-do-	1334	1175	312	118	17	3	-	-	-	-	2959
49	-do-	R-15-Tomru C.No .III c	16.2	Deodar	-do-	592	1073	1267	865	148	19	3	-	-	-	3967
	-do-	-do-		Kail	-do-	197	271	226	124	29	8	4	-	-	-	859
	-do-	-do-		Rai	-do-	155	141	88	35	-	-	-	-	-	-	419
	-do-	-do-		Fir	-do-	90	102	85	33	-	-	-	-	-	-	310
	-do-	-do-		Mohru	-do-	138	114	23	10	6	2	-	-	-	-	293
50	-do-	R-16 Kalala C.No. C-V a	9.2	Deodar	-do-	43	900	1058	380	86	-	-	-	-	-	2467
51	-do-	RF-16-Kalala. C-VIII a	3.6	Deodar	-do-	997	823	270	114	26	32	5	3	-	-	2270
	-do-	-do-		Kail	-do-	173	128	15	3	-	-	-	-	-	-	319
	-do-	-do-		Rai	-do-	3	2	2	3	1	-	-	-	-	-	11
52	-do-	RF-16-Kalala. C-IX.	14.6	Deodar	-do-	3126	3153	1308	344	169	47	18	6	-	-	8171
	-do-	-do-	-do-	Kail	-do-	230	80	15	-	1	1	-	-	-	-	327
	-do-	-do-	-do-	Rai	-do-	4	6	3	1	-	-	-	-	-	-	14
	-do-	-do-	-do-	B/L	-do-	-	13	5	-	-	-	-	-	-	-	18
53	-do-	R-16-Kalala C-X a	22.6	Deodar	-do-	1191	1257	738	463	86	17	11	5	2	-	3770
	-do-	-do-		Kail	-do-	27	10	-	1	-	-	-	-	-	-	38
	-do-	-do-		Rai	-do-	7	6	2	-	-	-	-	-	-	-	15
	-do-	-do-		B/L	-do-	4	3	1	-	-	-	-	-	-	-	8
54	-do-	R-16-Kalala	6.0	Deodar	-do-	2512	1772	400	102	91	31	10	6	-	-	4924

		C-XI a														
	-do-	-do-		Kail	-do-	181	174	52	4	1	-	-	-	-	-	412
	-do-	-do-		Rai	-do-	7	6	2	1	-	-	-	-	-	-	16
	-do-	-do-		B/L	-do-	2	2	-	-	-	-	-	-	-	-	4
55	-do-	RF-16-Kalala C-XIV	15.4	Deodar	-do-	550	420	122	33	6	8	3	-	-	-	1142
	-do-	-do-		Kail	-do-	1165	832	259	119	100	41	17	4	-	-	2537
	-do-	-do-		Rai	-do-	8	5	2	1	-	-	-	-	-	-	16
	-do-	-do-		Fir	-do-	3	1	-	-	-	-	-	-	-	-	4
	-do-	-do-		Ban	-do-	1	-	-	-	-	-	-	-	-	-	1
	-do-	-do-		B/L	-do-	1	1	-	-	-	-	-	-	-	-	2
56	-do-	DPF-164-Shirgul C.- V	28.4	Deodar	-do-	1181	1593	1280	906	307	120	49	21	11	2	5470
	-do-	-do-		Kail	-do-	116	141	112	97	50	10	-	-	-	-	526
	-do-	-do-		Rai	-do-	11	10	3	-	-	-	-	-	-	-	24
57	-do-	DPF-169-Katach. C.-II	125.4	Deodar	-do-	1130	1129	2508	1756	1004	1004	502	126	-	-	9159
	-do-	-do-		Kail	-do-	2196	3261	4640	2446	1380	1004	502	-	-	-	15429
	-do-	-do-		Fir	-do-	1380	2070	2947	2508	753	627	502	377	-	-	11164
	-do-	-do-		B/L	-do-	754	753	126	-	-	-	-	-	-	-	1633
58	-do-	D-175-Nagtir C-II	31.2	Deodar	-do-	1575	986	695	305	211	102	42	11	7	4	3938
	-do-	-do-		Kail	-do-	2602	898	507	572	415	295	101	52	11	21	5474
	-do-	-do-		Rai	-do-	3810	1015	610	232	75	45	22	5	3	2	5819
	-do-	-do-		Fir	-do-	307	215	72	11	7	-	-	-	-	-	612
	-do-	-do-		Mohru	-do-	522	810	380	218	48	15	4	2	-	-	1999
	-do-	-do-		B/L	-do-	619	250	175	77	11	-	-	-	-	-	1132
59	-do-	DPF-182-Rela C.-II	24.2	Deodar	-do-	47	48	13	5	2	1	-	-	-	-	116
	-do-	-do-		Kail	-do-	311	283	194	254	183	68	11	-	-	-	1304
	-do-	-do-		Rai	-do-	27	21	9	6	2	-	-	-	-	-	65
	-do-	-do-		Fir	-do-	5	1	1	1	-	-	-	-	-	-	8
	-do-	-do-		Ban	-do-	5	6	3	1	-	-	-	-	-	-	15
	-do-	-do-		Kharsu	-do-	896	744	128	10	-	-	-	-	-	-	1778
60	-do-	DPF-184-Tharu C-II	34.4	Deodar	-do-	452	298	57	85	90	66	44	20	3	-	1115
	-do-	-do-		Kail	-do-	1699	1712	1280	1225	959	545	177	43	4	2	7646
	-do-	-do-		Rai	-do-	143	201	126	39	17	11	3	1	1	1	543
	-do-	-do-		Fir	-do-	4	4	6	-	-	-	-	-	-	-	14
	-do-	-do-		Ban	-do-	558	839	50	295	50	5	-	-	-	-	1797
	-do-	-do-		Mohru	-do-	348	430	251	140	49	15	1	2	-	-	1236
	-do-	-do-		Khasru	-do-	95	147	123	84	23	7	-	-	-	-	479
	-do-	-do-		B/L	-do-	1648	1816	750	235	38	2	-	-	-	-	4489
61	-do-	UPF-406-Koti	76.1	Deodar	-do-	428	-	2374	3731	955	80	-	-	-	-	7568
	-do-	-do-		Kail	-do-	180	930	617	1076	838	160	-	-	-	-	3801
62	-do-	UPF-431-Kadoli	27.4	Kail	-do-	49	447	295	-	460	318	118	20	-	-	1707
	-do-	-do-		Rai	-do-	36	447	297	173	173	38	63	20	-	-	1247
	-do-	-do-		Mohru	-do-	24	-	456	672	91	-	-	-	-	-	1243
63	-do-	UPF-436-Santari- Manroli	8.1	Deodar	-do-	2000	1293	56	-	-	-	-	-	-	-	3349
64	-do-	UPF-454 Along.	112.2	Deodar	-do-	1709	2437	2169	1999	1165	470	153	43	7	2	10154
	-do-	-do-		Kail	-do-	1552	2384	2598	3028	1838	799	226	44	6	-	12475

	-do-	-do-		Rai	-do-	309	476	354	247	104	58	19	10	4	-	1581
	-do-	-do-		Fir	-do-	123	124	67	52	40	7	3	1	-	-	417
	-do-	-do-		Mohru	-do-	379	547	421	229	50	7	-	-	-	-	1633
	-do-	-do-		Khasru	-do-	13194	14103	5156	1087	60	10	4	2	-	-	33616
	-do-	-do-		B/L	-do-	282	52	27	2	-	-	-	-	-	-	363
65	-do-	UPF-456-Reyog Badruni.	193.0	Deodar	-do-	6983	8631	1986	-	-	-	-	-	-	-	17600
	-do-	-do-	-do-	Kail	-do-	23580	22635	9351	3470	1023	419	45	-	-	-	60523
	-do-	-do-	-do-	Rai	-do-	24	-	497	330	-	-	-	-	-	-	851
66	-do-	UPF-466-Kufar Bag.	64.5	Kail	-do-	2723	1665	688	1563	650	193	11	70	13	-	7576
	-do-	-do-	-do-	Rai	-do-	2697	1666	-	-	-	-	-	-	-	-	4363
	-do-	-do-	-do-	Ban	-do-	1287	832	-	-	-	-	-	-	-	-	2119
	-do-	-do-	-do-	Mohru	-do-	1300	1283	530	153	125	30	-	-	-	-	3421
	-do-	-do-	-do-	B/L	-do-	18	451	300	-	-	-	-	-	-	-	769
67	-do-	UPF-473-Kurhi-Jarahi.	172.1	Deodar	-do-	7561	6350	1333	1111	541	425	195	23	-	-	17539
	-do-	-do-	-do-	Kail	-do-	13732	11918	3945	4036	1718	771	224	74	134	21	36573
	-do-	-do-	-do-	Rai	-do-	3780	2750	269	484	159	172	91	8	-	-	7713
	-do-	-do-	-do-	Fir	-do-	28	421	280	162	54	-	133	23	83	14	1198
68	-do-	UPF-474-Satral.	26.3	Deodar	-do-	1555	1208	297	176	23	-	-	-	-	-	3259
	-do-	-do-	-do-	Kail	-do-	3816	3404	1582	892	152	18	-	-	-	-	9864
69	-do-	UPF-482-Reot.	45.3	Deodar	-do-	193	2212	2601	3440	1104	251	25	-	-	-	9826
	-do-	-do-	-do-	Kail	-do-	12	-	-	-	-	163	54	-	-	-	229
70	-do-	UPF-488-Jangroli	73.7	Deodar	-do-	6475	5438	3351	3354	2079	963	455	217	132	31	22495
	-do-	-do-	-do-	Kail	-do-	7	-	-	-	-	93	31	-	-	-	131
		Total				437970	405939	199465	107697	40319	17738	8140	3301	1527	313	1222409

DEODAR/KAIL WORKING CIRCLE P.B.-IV

Spp.	Particular	P.B.	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
Deodar	No. of trees	P.B.-IV	115034	125618	86367	50631	18865	7765	3409	1465	885	189	410228
	Vol.		19785.848	58035.516	87057.936	90528.228	52822.0	31223.065	18524.506	9094.72	6975.57	1834.812	375882.201
Kail	No. of trees		192347	169728	77140	41753	16982	7691	3046	923	344	79	510033
	Vol.		29621.438	73831.68	76522.88	74821.376	48059.06	31348.516	16771.276	5800.132	2734.456	769.776	360280.59
Rai	No. of trees		61241	43342	10041	6195	2357	1083	816	328	155	7	125565
	Vol.		6491.546	15819.83	9217.638	10878.42	6830.586	4693.722	4948.224	2308.792	1427.705	81.732	62698.195
Fir	No. of trees		3836	4290	3601	2787	857	636	638	401	83	14	17143
	Vol.		901.46	2475.33	3928.691	4902.333	2249.625	2322.036	3093.662	2209.911	578.178	120.274	22781.5
Chil	No. of trees		19917	15705	3511	903	47	174	43	18	-	-	40318
	Vol.		1453.941	4837.14	2496.321	1152.228	94.705	508.254	171.828	82.728	-	-	10797.145
Ban	No. of trees		36998	39214	16050	4633	1053	356	173	105	48	24	98654
	Vol.		3921.788	13607.258	12743.7	6662.254	2409.264	1186.904	790.956	552.51	325.488	203.52	42403.642
Broad Leave	No. of trees		8597	8042	2755	795	158	33	15	61	12	-	20468
	Vol.		988.655	2476.936	1887.175	986.595	313.63	96.195	60.57	283.894	72.54	-	7166.19
Total	No. of trees		437970	405939	199465	107697	40319	17738	8140	3301	1527	313	1222409
	Vol.		63164.676	171083.69	193854.341	189931.434	112778.87	71378.692	44361.022	20332.687	12113.937	3010.114	882009.463

APPENDIX-II ENUMERATION RESULTS

ENUMERATION DATA OF TREES IN PLANTATION WORKING CIRCLE

[illegible]

10	Theog	UPF-301 Banjari	38.4	Kail	-do-	6500	6865	1874	-	-	-	-	-	-	-	15239
11	Theog	UPF-308 Shariana	43.4	Chil	-do-	7432	6359	2267	1161	109	-	-	-	-	-	17328
12	Theog	UPF-323 Jais	8.6	Deo	-do-	977	534	73	-	-	-	-	-	-	-	1584
				Kail	-do-	263	276	30	-	-	-	-	-	-	-	569
				Chil	-do-	469	426	65	-	-	-	-	-	-	-	960
13	Theog	UPF-324 Lelu	11.5	Chil	-do-	1254	777	230	46	-	-	-	-	-	-	2307
				BL	-do-	230	121	52	18	-	-	-	-	-	-	421
14	Theog	UPF-325 Parala	9.5	Chil	-do-	732	561	266	38	-	-	-	-	-	-	1597
				BL	-do-	233	133	15	-	-	-	-	-	-	-	381
15	Theog	UPF-326 Gijari	95.2	Deo	-do-	1563	1990	689	-	-	-	-	-	-	-	4242
				Kail	-do-	6197	5375	1034	-	-	-	-	-	-	-	12606
16	Theog	UPF-327 Nehra	366.7	Kail	-do-	26601	17046	314	-	-	-	-	-	-	-	43961
				Chil	-do-	9892	6106	-	-	-	-	-	-	-	-	15998
				BL	-do-	1348	872	-	-	-	-	-	-	-	-	2220
17	Theog	UPF-329 Sarewan Jhakri	62.5	Kail	-do-	2228	4849	2876	685	296	206	47	-	-	-	11187
				Ban	-do-	38	1432	477	-	-	-	-	-	-	-	1947
				BL	-do-	1367	441	-	335	58	-	-	-	-	-	2201
18	Theog	UPF-330 Halai Majholi	121.9	Deo	-do-	2831	6737	3829	312	-	-	-	-	-	-	13709
				Kail	-do-	8163	6462	3019	1910	171	-	-	-	-	-	19725
				Ban	-do-	5238	3390	-	-	-	-	-	-	-	-	8628
19	Theog	UPF-335 Kelra	79.4	Deo	-do-	5912	3616	-	-	-	-	-	-	-	-	9528
				Kail	-do-	14644	9039	-	-	-	-	-	-	-	-	23683
20	Theog	UPF-341 Karani	15.9	Deo	-do-	1433	1084	840	786	355	206	193	99	36	-	5032
				Kail	-do-	523	402	365	103	98	88	68	54	34	-	1735

				Chil	-do-	2824	3295	2118	-	-	-	-	-	-	-	8237
30	Theog	UPF-355 Dhanu	68.6	Deo	-do-	2195	2127	961	-	-	-	-	-	-	-	5283
				Kail	-do-	2058	2504	755	-	-	-	-	-	-	-	5317
				Rai	-do-	69	-	-	-	-	-	-	-	-	-	69
				Chil	-do-	1510	2195	961	-	-	-	-	-	-	-	4666
31	Balson(Deha)	UPF-356 Kanoti	131.6	Deo	-do-	83	-	501	334	-	-	-	-	-	-	918
				Kail	-do-	1998	4688	1800	1086	252	-	-	-	-	-	9824
32	Balson(Deha)	UPF-357 Tikar Baroth	134.6	Deo	-do-	7708	4654	-	-	-	-	-	-	-	-	12362
				Kail	-do-	13873	11430	2257	153	-	-	-	-	-	-	27713
				Ban	-do-	50	506	595	172	-	-	-	-	-	-	1323
33	Balson(Deha)	UPF-359 Dhar Dasheya	44.5	Kail	-do-	8296	6636	1355	388	631	187	-	-	-	-	17493
34	Balson(Deha)	UPF-360 Ghog (C-II)	244.7	Deo	-do-	2040	1632	1224	653	490	408	245	327	163	163	7345
				Kail	-do-	816	408	164	163	327	816	408	571	490	408	4571
				Rai	-do-	8157	6934	4160	2284	1306	1713	1958	1713	1550	1224	30999
				Tosh	-do-	7749	4407	2611	1307	898	1224	1309	1142	9788	898	31333
				Mohru	-do-	6526	490	2855	1632	979	164	-	-	-	-	12646
				Kharshu	-do-	4079	2529	1713	653	816	245	-	-	-	-	10035
				BL	-do-	1224	816	817	408	-	-	-	-	-	-	3265
35	Balson(Deha)	UPF- 361Kishore	368.8	Deo	-do-	80	488	1055	830	99	-	-	-	-	-	2552
				Chil	-do-	5946	3604	-	-	-	-	-	-	-	-	9550
36	Balson(Deha)	UPF-362 Deothi	231.3	Deo	-do-	784	157	52	1	-	-	-	-	-	-	994
				Kail	-do-	3655	2317	878	92	89	98	31	-	-	-	7160
				Chil	-do-	7250	1209	4	-	-	-	-	-	-	-	8463
37	Balson(Deha)	UPF-363 Pundar	24	Deo	-do-	1261	1142	602	-	-	-	-	-	-	-	3005
				Kail	-do-	841	781	303	-	-	-	-	-	-	-	1925

[illegible]

				Kail	-do-	2902	2901	264	-	-	-	-	-	-	-	6067
				Chil	-do-	10021	13978	6593	-	-	-	-	-	-	-	30592
48	Balson(Deha)	UPF-395 Kataiana	136.4	Chil	-do-	23148	14537	297	-	-	-	-	-	-	-	37982
49	Balson(Deha)	UPF-396 Balghar	156.6	Kail	-do-	7507	4549	-	-	-	-	-	-	-	-	12056
				Chil	-do-	1501	3861	1968	-	-	-	-	-	-	-	7330
				BL	-do-	1974	1566	167	-	-	-	-	-	-	-	3707
50	Balson(Deha)	UPF-397 Charen	40	Deo	-do-	2530	1446	-	-	-	-	-	-	-	-	3976
				Kail	-do-	6327	3615	395	262	-	-	-	-	-	-	10599
				Chil	-do-	1265	722	-	-	-	-	-	-	-	-	1987
51	Kotkhai	UPF-411 Bagra	7.2	Kail	-do-	60	-	177	410	73	-	-	-	-	-	720
52	Kotkhai	UPF-412 Dhangwi	15.1	Deo	-do-	62	-	188	410	94	-	-	-	-	-	754
53	Kotkhai	UPF-413 Chaunri Bag	1.1	Deo	-do-	28	108	126	76	13	-	-	-	-	-	351
54	Kotkhai	UPF-414 Didi Dashot	21	Deo	-do-	86	513	500	699	196	-	-	-	-	-	1994
				Kail	-do-	48	-	419	477	65	-	-	-	-	-	1009
55	Kotkhai	UPF-415 Halaila	7.2	Deo	-do-	67	514	701	375	136	30	-	-	-	-	1823
56	Kotkhai	UPF-421 Pandli	89.9	Kail	-do-	6521	8458	3770	2464	1392	299	115	12	-	-	23031
				Mohru	-do-	10	549	366	200	83	-	-	-	-	-	1208
57	Kotkhai	UPF-440 Darkoti	124.8	Kail	-do-	-	832	2494	3095	1941	112	-	89	2	-	8565
				Spruce	-do-	20	-	250	376	46	-	-	-	-	-	692
				Tosh	-do-	47	-	750	115	-	-	-	-	-	-	912
				Kharshu	-do-	1480	940	-	-	-	-	-	-	-	-	2420
				BL	-do-	18	509	338	-	-	-	-	-	-	-	865
58	Kotkhai	UPF-441 Jhandoli Kharina	44	Deo	-do-	34	430	286	-	-	-	-	-	-	-	750
				Kail	-do-	2601	2450	1220	2091	664	196	53	-	-	-	9275

59	Kotkhai	UPF-442 Dawandi Marathu	40	Kail	-do-	2320	3010	1840	834	100	-	-	-	-	-	8104
60	Kotkhai	UPF-444 Tahu	194.1	Deo	-do-	1421	1351	316	-	-	-	-	-	-	-	3088
				Kail	-do-	11369	12711	6201	7104	2564	533	128	21	-	-	40631
				Rai	-do-	2816	1754	-	-	549	182	-	-	-	-	5301
				Tosh	-do-	1434	877	-	-	-	-	-	-	-	-	2311
				Mohru	-do-	1381	877	-	-	-	-	-	-	-	-	2258
				BL	-do-	19	-	-	390	97	-	-	-	-	-	506
61	Kotkhai	UPF-445 Pujahali	33.4	Deo	-do-	4833	3789	949	274	-	-	-	-	-	-	9845
				Kail	-do-	1219	744	-	-	-	-	-	-	-	-	1963
62	Kotkhai	UPF-446 Tehtoli	43	Kail	-do-	5038	4791	1320	250	114	25	-	-	-	-	11538
63	Kotkhai	UPF-447 Bajoa Kupri	35	Kail	-do-	2011	1949	970	1397	347	-	-	-	-	-	6674
64	Kotkhai	UPF-457 Bari-Dakhol	54.2	Deo	-do-	86	-	-	-	-	-	-	-	-	-	86
				Kail	-do-	150	102	35	-	-	-	-	-	-	-	287
65	Kotkhai	UPF-458 Koti	0.9	Deo	-do-	15	10	-	-	-	-	-	-	-	-	25
				Kail	-do-	30	20	3	-	-	-	-	-	-	-	53
66	Kotkhai	UPF-459 Ghasi-Gaon	23.5	Kail	-do-	659	824	259	-	-	-	-	-	-	-	1742
				Chil	-do-	340	212	24	-	-	-	-	-	-	-	576
				BL	-do-	130	94	36	-	-	-	-	-	-	-	260
67	Kotkhai	UPF-460 Baknawal	66.3	Kail	-do-	995	663	133	-	-	-	-	-	-	-	1791
				Chil	-do-	1658	995	132	-	-	-	-	-	-	-	2785
				BL	-do-	398	233	66	-	-	-	-	-	-	-	697
68	Kotkhai	UPF-461 Purag	89.8	Kail	-do-	4794	3593	365	-	-	-	-	-	-	-	8752
69	Kotkhai	UPF-476 Nagan	45.3	Deo	-do-	4231	480	15	1	-	-	-	-	-	-	4727
				Kail	-do-	3977	278	34	11	-	2	-	-	-	-	4302

70	Kotkhai	UPF-477 Khalotah	53.5	Deo	-do-	1130	1064	440	126	-	-	-	-	-	-	2760
				Kail	-do-	8356	7020	1185	559	144	-	-	-	-	-	17264
71	Kotkhai	UPF-484 Batanu	17.8	Kail	-do-	657	1055	434	-	-	-	-	-	-	-	2146
				Chil	-do-	2602	1603	-	-	-	-	-	-	-	-	4205
72	Kotkhai	UPF-486 Badaun	113.5	Chil	-do-	10577	7034	331	-	-	-	-	-	-	-	17942
73	Kotkhai	UPF-490 Chano Dhar	222.8	Chil	-do-	12254	7130	-	-	-	-	-	-	-	-	19384
74	Kotkhai	UPF- 491Barchili	282.3	Deo	-do-	1639	1572	650	188	-	-	-	-	-	-	4049
				Kail	-do-	5007	4718	1950	1202	213	-	-	-	-	-	13090
						606286	482612	133473	60917	25575	9941	5029	4213	12086	2695	1342827

PLANTATION WORKING CIRCLE

Species	Parameters	20-Oct	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100 or over	Total
		V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	
1	2	3	4	5	6	7	8	9	10	11	12	13
Deodar	No. of Trees	80753	65999	20534	8226	2457	993	579	513	218	165	180437
	Volume	13889.52	30491.354	20698.27	14708.09	6879.6	3992.85	3146.29	3184.70	1718.28	1601.82	100310.77
Kail	No. of Trees	311431	260475	71393	38738	16519	4787	962	761	527	408	706001
	Volume	47960.37	113306.63	70821.86	69418.50	46748.77	19511.81	5296.77	4782.12	4189.12	3975.55	386011.5
Rai	No. of Trees	12126	9928	5687	3296	2239	2105	2038	1719	1552	1224	41914
	Volume	1285.36	3623.72	5220.67	5787.78	6488.62	9123.07	12358.43	12100.04	14295.47	14291.42	84574.58
Fir	No. of Trees	10602	6666	5039	2976	1759	1621	1447	1219	9788	898	42015
	Volume	2491.47	3846.28	5497.55	5234.78	4617.38	5918.27	7016.50	6717.91	68183.21	7714.72	117238.07
Chil	No. of Trees	157344	118919	21818	2613	324	20	-	-	-	-	301038
	Volume	11486.11	36627.05	15512.59	3334.19	652.86	58.42	-	-	-	-	67671.22
Ban (Oak)	No. of Trees	25633	14644	7077	3154	1953	410	0	1	-	-	52872
	Volume	2717.10	5081.47	5619.13	4535.45	4468.46	1366.94	-	5.26	-	-	23793.81
Broad Leave	No. of Trees	8397	5981	1925	1914	324	5	3	1	-	-	18550
	Volume	965.65	1842.15	1318.62	2375.27	643.14	14.57	12.11	4.65	-	-	7176.16
G. Total	Trees	606286	482612	133473	60917	25575	9941	5029	4213	12086	2695	1342827
G. Total	Vol.	80795.58	194818.7	124688.7	105394.1	7049883	39985.93	27830.1	26794.68	88386.08	27583.51	786776.1

ENUMERATION DATA OF TREES IN CHIL WORKING CIRCLE P.B.-III

Sr. No.	Name of Range	Legal status, Number & Name of Forest	Area (Ha)	Species	Parameter	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
1	Theog	UPF-98 Phadgula	22.4	Deodar	Number of trees	258	695	560	997	247	56	33	-	-	-	2846
				Kail	--Do--	325	369	258	168	124	90	45	-	-	-	1379
				Chil	--Do--	157	90	89	112	101	100	33	31	-	-	713
2	Theog	DPF-39 Jhalru (C-II)	14.9	Deodar	Number of trees	112	418	298	127	15	-	-	-	-	-	970
				Kail	--Do--	30	97	68	-	7	-	-	-	-	-	202
				Chil	--Do--	596	1729	552	187	8	-	-	-	-	-	3072
3	Theog	DPF-111 Gharoli Dhar	6.0	Chil	Number of trees	732	354	174	75	18	6	-	-	-	-	1359
4	Theog	UPF-132 Baghoti	11.3	Kail	Number of trees	107	52	47	22	3	-	-	-	-	-	231
				Chil	--Do--	1264	136	123	114	89	3	8	-	-	-	1737
				Ban	--Do--	3054	-	3	-	-	-	-	-	-	-	3057
				Deodar	--Do--	-	-	-	-	-	1	-	-	-	-	1
		Total				6635	3940	2172	1802	612	256	119	31	-	-	15567

Chil Working Circle P.B.-III

Species	Parameters	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100 or over	Total
		V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	
1	2	3	4	5	6	7	8	9	10	11	12	13
Chil	No. of Trees	2749	2309	938	488	216	109	41	31	-	-	6881
	Volume	200.677	711.172	666.918	622.688	435.24	318.389	163.836	142.476	-	-	3261.397
Deodar	No. of Trees	370	1113	858	1124	262	57	33	-	-	-	3817
	Volume	63.64	514.206	864.864	2009.712	733.6	229.197	179.322	-	-	-	4594.541
Kail	No. of Trees	462	518	373	190	134	90	45	-	-	-	1812
	Volume	71.148	225.33	370.016	340.48	379.22	366.84	247.77	-	-	-	2000.804
Ban	No. of Trees	3054	-	3	-	-	-	-	-	-	-	3057
	Volume	348.901	-	1.881	-	-	-	-	-	-	-	350.782
Total		6635	3940	2172	1802	612	256	119	31	-	-	15567
		684.336	1450.708	1903.679	2972.88	1548.06	914.426	590.928	142.476	-	-	10207.52

ENUMERATION DATA OF TREES IN CHIL WORKING CIRCLE P.B.-IV

Sr. No.	Name of Range	Legal status, Number & Name of Forest	Area (Ha)	Species	Parameter	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
1	Theog	DPF-110 Khanoer	60.6	Deodar	Number of trees	189	431	1281	1468	904	344	82	10	1	-	4710
				Kail	--Do--	144	122	82	37	22	4	-	-	-	-	411
				Rai	--Do--	-	-	1	1	-	-	-	-	-	-	2
				Chil	--Do--	2569	1518	578	167	49	20	1	-	-	-	4902
2	Theog	UPF-82 Bharana	7.3	Deodar	Number of trees	493	74	36	8	26	4	-	-	-	-	641
				Kail	--Do--	453	146	267	160	102	26	-	-	-	-	1154
				Chil	--Do--	44	-	-	5	5	-	-	-	-	-	54
				Rai	--Do--	5	4	-	-	-	-	-	-	-	-	9
3	Theog	UPF-131 Kandaghat	17.4	Kail	--Do--	87	3	12	16	11	-	-	-	-	-	129
				Chil	--Do--	2230	553	156	62	29	14	1	1	-	-	3046
4	Theog	UPF-303 Manla	23.1	Deodar	Number of trees	70	565	520	96	-	-	-	-	-	-	1251
				Chil	--Do--	2583	3260	1850	480	-	-	-	-	-	-	8173
5	Theog	UPF-304 Manglech	9.3	Chil	Number of trees	1368	1295	767	309	-	-	-	-	-	-	3739
6	Theog	UPF-307 Dohan	6.2	Chil	Number of trees	37	303	666	347	12	-	-	-	-	-	1365
7	Balson	U-366 Khanar	287.3	Chil	--do--	53659	36400	2582	-	-	-	-	-	-	-	92641
8	Kotkhai	UPF-485 Jubtu	55.0	Kail	Number of trees	30	299	1398	925	38	-	-	-	-	-	2690
				Chil	-do-	120	1195	1254	304	-	-	-	-	-	-	2873
		Total				64081	46168	11450	4385	1198	412	84	11	1	-	127790

CHIL WORKING CIRCLE P.B.-IV

Species	Parameters	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100 or over	Total
		V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	
1	2	3	4	5	6	7	8	9	10	11	12	13
Chil	No. of Trees	62610	44524	7853	1674	95	34	2	1	-	-	116793
	Volume	4570.53	13713.392	5583.483	2136.024	191.425	99.314	7.992	4.596	-	-	26306.76
Deodar	No. of Trees	752	1070	1837	1572	930	348	82	10	1	-	6602
	Volume	129.344	494.34	1851.696	2810.736	2604.0	1399.308	445.588	62.08	7.882	-	9804.974
Kail	No. of Trees	714	570	1759	1138	173	30	-	-	-	-	4384
	Volume	109.956	247.95	1744.928	2039.296	489.59	122.28	-	-	-	-	4754
Rai	No. of Trees	5	4	1	1	-	-	-	-	-	-	11
	Volume	0.53	1.46	0.91	1.76	-	-	-	-	-	-	4.66
	G. Total	64081	46168	11450	4385	1198	412	84	11	1	-	127790
	Vol.	4810.36	14457.14	9181.017	6987.816	3285.015	1620.902	453.58	66.676	7.882	-	40870.39

ENUMERATION DATA OF TREES IN BAN OAK WORKING CIRCLE

Sr. No.	Name of Range	Legal status, Number & Name of Forest	Area (Ha)	Species	Parameter	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
1	Theog	DPF-291 Shil-Maila	96.8	Ban	Number of trees	13164	11422	1934	140	-	-	-	-	-	-	26660
				Chil	--Do--	2129	580	290	-	-	-	-	-	-	-	2999
2	Balson	UPF-390 Tali Kholna (C-I)	60.8	Deodar	Number of trees	825	519	824	452	180	57	47	17	-	-	2921
				Kail	--Do--	328	921	1566	831	305	126	51	4	-	-	4132
				Fir	--Do--	464	798	1653	1458	757	355	115	33	-	-	5633
				Rai	--Do--	715	721	1979	2119	1546	1004	1017	810	152	-	10063
				Kharsu	--Do--	1941	2575	3942	2855	1668	984	734	339	15	-	15053
				Mohru	--Do--	-	10	4	3	-	-	-	-	-	-	17
				Ban	--Do--	-	2	6	6	-	-	-	-	-	-	14
				Broad Leaved	--Do--	1305	1797	1066	162	7	-	-	-	-	-	4337
3	Kotkhai	DPF-176 Bani (C-III)	26.0	Kail	Number of trees	71	-	213	139	260	32	-	55	6	-	776
				Mohru	--Do--	87	-	649	632	418	958	20	118	4	-	2886
4	Kotkhai	UPF-455 Thanari (C-II)	48.4	Kharsu	Number of trees	15661	21186	8742	1133	201	-	-	-	-	-	46923
		Total				36690	40531	22868	9930	5342	3516	1984	1376	177	-	122414

BAN (OAKS) WORKING CIRCLE

Species	Parameters	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100 or over	Total
		V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	
1.	2.	3.	4.	5.	6.	7.	8.	9.	10.	11.	12.	13.
Ban (Oaks)	No. of Trees	30853	35195	15277	4769	2287	1942	754	457	19	-	91553
	Volume	3270.40	12212.65	12129.92	6857.82	5232.65	6474.62	3447.28	2404.72	128.83	-	52158.89
Deodar	No. of Trees	825	519	824	452	180	57	47	17	-	-	2921
	Volume	141.9	239.77	830.59	808.17	504.0	229.19	255.39	105.53	-	-	3114.54
Kail	No. of Trees	399	921	1779	970	565	158	51	59	6	-	4908
	Volume	61.44	400.63	1764.76	1738.23	1598.95	644.0	280.8	370.75	47.69	-	6907.25
Rai	No. of Trees	715	721	1979	2119	1546	1004	1017	810	152	-	10063
	Volume	75.79	263.16	1816.72	3720.96	4480.3	4351.33	6167.08	5701.59	1400.07	-	27977.0
Fir	No. of Trees	464	798	1653	1458	757	355	115	33	-	-	5633
	Volume	109.04	460.44	1803.42	2564.62	1987.12	1296.1	557.63	181.86	-	-	8960.23
Chil	No. of Trees	2129	580	290	-	-	-	-	-	-	-	2999
	Volume	155.41	178.64	206.19	-	-	-	-	-	-	-	540.24
Broad Leave	No. of Trees	1305	1797	1066	162	7	-	-	-	-	-	4337
	Volume	150.07	553.47	730.21	201.04	13.89	-	-	-	-	-	1648.68
	Total	36690	40531	22868	9930	5342	3516	1984	1376	177	-	122414

ENUMERATION DATA OF TREES IN FIR/SPRUCE WORKING CIRCLE P.B.-UN-ALLOTTED

Sr. No.	Name of Range	Legal status, Number & Name of Forest	Area (Ha)	Species	Parameter	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
1	Balson	DPF-138 Khagna (C-IV)	74.0	Deodar	Number of trees	10	12	19	22	21	11	10	8	3	1	117
				Kail	--Do--	7	21	39	43	14	13	15	4	2	-	158
				Fir	--Do--	2449	3107	2809	2741	1406	605	288	162	35	2	13604
				Rai	--Do--	118	57	56	63	63	75	5	5	4	1	447
				Mohru	--Do--	137	64	21	5	2	-	-	-	-	-	229
				Broad Leaved	--Do--	2133	1460	356	-	-	-	-	-	-	-	3949
2	Balson	DPF-141 Sujna (C-I)	65.6	Fir	Number of trees	259	2421	3096	1546	928	605	115	-	-	-	8970
				Rai	--Do--	16	-	-	370	121	-	-	-	-	-	507
				Broad Leaved	--Do--	69	972	1076	22	-	-	-	-	-	-	2139
3	Balson	DPF-141 Sujna (C-IV)	21.8	Deodar	Number of trees	362	568	473	361	115	63	65	43	19	5	2074
				Kail	--Do--	41	93	77	38	14	18	13	5	2	-	301
				Rai	--Do--	651	767	568	400	193	138	114	60	34	22	2947
				Fir	--Do--	365	638	626	559	361	213	163	116	80	23	3144
				Mohru	--Do--	40	33	13	12	8	1	-	-	-	-	107
				Broad Leaved	--Do--	357	411	298	-	-	-	4	2	-	-	1072
4	Balson	DPF-142 Chambhi (C-I)	42.0	Deodar	Number of trees	93	94	191	233	110	11	-	-	-	-	732
				Kail	--Do--	29	32	128	116	121	-	-	-	-	-	426
				Fir	--Do--	1669	1688	1531	1035	577	412	164	65	17	-	7158
				Rai	--Do--	611	521	371	218	79	107	33	13	5	-	1958
				Kharsu	--Do--	2931	2755	2751	1652	887	151	3	-	-	-	11130
				Broad Leaved	--Do--	1014	622	141	-	-	-	-	-	-	-	1777

5	Kotkhai	R-13 Chabmi-Kupar (C-V)	108.4	Rai	Number of trees	80	482	320	186	809	604	319	67	-	-	2867
				Fir	--Do--	1404	1832	1828	1544	742	343	59	-	-	-	7752
				Broad Leaved	--Do--	14591	9967	2552	-	-	-	-	-	-	-	27110
6	Kotkhai	R-13 Chabmi-Kupar (C-VIII)	46.6	Deodar	Number of trees	1390	2665	1912	641	176	39	-	57	9	-	6889
				Kail	--Do--	92	912	1072	838	175	-	-	-	-	-	3089
				Rai	--Do--	46	456	1001	817	353	174	16	-	-	-	2863
				Fir	--Do--	1390	1754	607	352	353	78	-	-	-	-	4534
7	Kotkhai	R-13 Chabmi-Kupar (C-IX b)	64.8	Deodar	Number of trees	52	528	891	359	137	156	19	65	11	-	2218
				Kail	--Do--	50	-	-	408	681	292	103	14	-	-	1548
				Rai	--Do--	52	528	622	587	272	266	39	-	-	-	2366
				Kharsu	--Do--	-	528	891	359	273	91	-	-	-	-	2142
				Fir	--Do--	3075	5647	3474	1151	681	247	19	-	-	-	14294
				Broad Leaved	--Do--	1831	1270	220	-	-	-	-	-	-	-	3321
8	Kotkhai	R-13 Chabmi-Kupar (C-XI a)	38.4	Deodar	Number of trees	31	-	479	319	-	-	-	-	-	-	829
				Kail	--Do--	17	-	-	173	46	-	-	-	-	-	236
				Rai	--Do--	14	-	-	1	-	101	20	-	-	-	136
				Kharsu	--Do--	25	-	479	319	259	64	70	72	13	-	1301
				Fir	--Do--	1302	1337	1271	1000	1212	624	86	-	-	-	6832
9	Kotkhai	R-13 Chabmi-Kupar (C-XI b)	81.0	Rai	--Do--	8814	8461	2737	2224	700	225	130	23	-	-	23314
				Mohru	--Do--	1399	844	442	314	-	-	-	-	-	-	2999
				Broad Leaved	--Do--	759	426	-	204	51	-	-	-	-	-	1440
10	Kotkhai	R-13 Chabmi-Kupar (C-XI c)	42.0	Deodar	Number of trees	159	169	81	45	22	9	2	2	1	-	490
				Kail	--Do--	834	912	646	721	449	248	107	24	1	-	3942
				Rai	--Do--	1933	2030	937	735	515	344	198	68	13	5	6778

				Fir	--Do--	766	886	662	623	324	123	45	19	12	2	3462
				Mohru	--Do--	1518	1641	782	484	150	57	36	18	7	6	4699
				Kharsu	--Do--	3	-	-	-	-	-	-	-	-	-	3
				Broad Leaved	--Do--	4153	3972	1422	383	48	6	-	-	-	-	9984
11	Kotkhai	R-13 Chabmi-Kupar (C-XII a)	52.6	Kail	Number of trees	4665	4395	1553	547	193	238	50	-	-	-	11641
				Rai	--Do--	1541	950	525	985	158	-	-	-	-	-	4159
				Fir	--Do--	47	-	525	774	247	35	-	-	-	-	1628
				Broad Leaved	--Do--	8	-	263	175	-	-	-	-	-	-	446
12	Kotkhai	R-13 Chabmi-Kupar (C-XII b)	125.4	Deodar	--Do--	1517	1455	862	767	246	35	-	-	-	-	4882
				Kail	--Do--	3060	4444	2224	2024	702	272	50	-	-	-	12776
				Rai	--Do--	87	2043	2145	1362	351	136	25	-	-	-	6149
				Mohru	--Do--	2975	2400	340	420	105	-	-	-	-	-	6240
				Fir	--Do--	1531	944	522	978	157	100	26	-	-	-	4258
				Broad Leaved	--Do--	13	-	-	163	93	18	-	-	-	-	287
13	Kotkhai	DPF-166 Hara Raita (C-I)	100.8	Deodar	Number of trees	1773	2844	4762	3412	630	97	81	27	-	-	13626
				Kail	--Do--	75	-	298	424	530	151	81	27	-	-	1586
				Rai	--Do--	3514	2602	1496	1522	666	468	346	64	-	-	10678
				Kharsu	--Do--	30	440	293	482	282	40	87	21	-	-	1675
				Fir	--Do--	481	2346	3959	3527	1452	474	231	43	-	-	12513
				Broad Leaved	--Do--	2142	1227	557	606	60	-	-	-	-	-	4592
14	Kotkhai	DPF-167 Darabla (C-I)	75.0	Fir	Number of trees	677	1126	3264	3938	3113	1313	863	488	263	113	15158
				Rai	--Do--	264	864	1013	1388	938	488	225	-	-	-	5180
				Broad Leaved	--Do--	263	863	-	-	-	-	-	-	-	-	1126
15	Kotkhai	DPF-167 Darabla (C-IV)	232.0	Kail	--Do--	150	495	1085	655	401	282	129	22	-	-	3219

				Rai	--Do--	307	1972	2119	603	572	541	227	27	-	93	6461
				Fir	--Do--	5541	8612	8124	3869	2035	1603	519	148	21	-	30472
				Broad Leaved	--Do--	1710	1807	412	216	169	50	-	-	-	-	4364
16	Kotkhai	DPF-168 Paul- Ke-Niche (C-I)	26.2	Rai	Number of trees	33	-	-	-	127	42	68	75	17	-	362
				Kharsu	--Do--	-	-	-	-	-	-	-	56	59	11	126
				Fir	--Do--	2994	6722	5275	5121	1516	356	363	196	35	-	22578
				Broad Leaved	--Do--	-	-	-	202	186	33	-	-	-	-	421
17	Kotkhai	DPF-168 Paul- Ke-Niche (C-IV)	161.8	Deodar	--Do--	152	-	-	1525	636	133	99	76	17	-	2638
				Kail	--Do--	1599	914	-	191	63	-	-	-	-	-	2767
				Rai	--Do--	51	494	833	527	63	-	-	-	-	-	1968
				Kharsu	--Do--	-	-	757	1317	203	97	24	-	57	14	2469
				Fir	--Do--	17128	15419	5488	4351	1910	431	236	282	200	182	45627
				Broad Leaved	--Do--	1371	2397	2501	2826	588	229	48	-	57	14	10031
18	Kotkhai	DPF-177 Gahan Jarai (C-II)	14.2	Kail	Number of trees	57	71	57	93	43	29	29	-	-	-	379
				Rai	--Do--	64	71	50	57	64	57	36	-	-	-	399
				Mohru	--Do--	526	973	1271	817	441	171	64	29	8	-	4300
				Kharsu	--Do--	15	71	64	22	-	-	-	-	-	-	172
				Broad Leaved	--Do--	469	200	66	37	-	-	-	-	-	-	772
				Total		115971	132744	92671	70146	32388	14433	6167	2493	1002	494	468509

FIR/SPRUCE WORKING CIRCLE UN-ALLOTTED

Species	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100 or over	Total
	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	
Rai	18196	22298	14793	12045	6044	3766	1801	402	73	121	79539
Volume	1928.77	8138.76	13579.97	21151.01	17515.5	16321.84	10921.25	2829.67	672.4	1412.78	94471.95
Fir	41078	54479	43061	33109	17014	7562	3177	1519	663	322	201984
Volume	9653.33	31434.37	46979.54	58238.72	44661.75	27608.85	15405.27	8371.2	4618.45	2766.29	249737.77
Deodar	5539	8335	9670	7684	2093	554	276	278	60	6	34495
Volume	952.7	3850.76	9747.35	13738.98	5860.4	2227.62	1499.78	1725.81	472.91	58.24	40134.55
Kail	10676	12289	7179	6271	3432	1543	577	96	5	-	42068
Volume	1644.09	5345.71	7121.56	11237.62	9712.56	6289.26	3176.95	603.25	39.73	-	45170.73
Ban (Oak)	9599	9749	8104	6203	2610	672	284	196	144	31	37592
Volume	1017.48	3382.89	6434.57	8919.91	5971.67	2240.44	1298.44	1031.35	976.46	262.88	31536.09
Broad Leave	30883	25594	9864	4834	1195	336	52	2	57	14	72831
Volume	3551.54	7882.95	6756.83	5998.99	2372.07	979.44	209.97	9.3	344.56	106.55	28212.2
Total	115971	132744	92671	70146	32388	14433	6167	2493	1002	494	468509

ENUMERATION DATA OF TREES IN FIR/SPRUCE WORKING CIRCLE P.B.-I

Sr. No.	Name of Range	Legal status, Number & Name of Forest	Area (Ha)	Species	Parameter	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	Total
1	Balson	DPF-139 Chadaha (C-IV)	126.6	Deodar	Number of trees	125	167	230	379	349	341	282	161	25	-	2059
				Kail	--Do--	24	12	3	2	3	1	-	-	-		45
				Fir	--Do--	920	1982	3496	6479	5234	3170	1765	1176	363	38	24623
				Rai	--Do--	294	308	268	298	248	285	156	94	72	10	2033
				Kharsu	--Do--	31	87	82	29	1	-	-	-	-	-	230
				Mohru	--Do--	591	724	383	245	117	10	-	-	-	-	2070
				Broad Leaved	--Do--	1159	1640	1307	753	434	298	115	27	15	-	5748
2	Balson	DPF-139 Chadaha (C-V)	34.0	Deodar	Number of trees	939	721	537	436	346	285	192	109	102	81	3748
				Kail	--Do--	76	72	62	78	72	69	32	21	7	-	489
				Rai	--Do--	89	95	150	146	164	138	125	78	31	26	1042
				Fir	--Do--	400	279	164	154	120	47	49	27	20	23	1283
				Mohru	--Do--	682	379	202	78	19	10	1	-	-	-	1371
				Broad Leaved	--Do--	600	146	50	18	21	4	1	1	-	-	841
3	Kotkhai	R-13 Chabmi-Kupar (C-X)	137.6	Deodar	Number of trees	447	393	197	205	99	74	40	22	9	1	1487
				Kail	--Do--	290	296	192	305	256	161	63	14	1	-	1578
				Rai	--Do--	1635	1506	994	1211	1036	646	315	133	39	5	7520
				Fir	--Do--	6691	7793	6440	7128	4472	2246	887	340	95	12	36104
				Mohru	--Do--	84	91	43	25	11	9	4	2	-	-	269
				Kharsu	--Do--	914	1384	1367	1665	1004	709	437	184	76	39	7779
				Broad Leaved	--Do--	8248	6545	2979	1355	340	105	26	5	-	-	19603
4	Kotkhai	DPF-167 Drabala (C-II)	67.6	Deodar	Number of trees	132	233	260	175	67	42	30	21	6	1	967

				Kail	--Do--	345	445	381	555	624	737	731	539	234	93	4684
				Rai	--Do--	567	690	651	779	441	600	722	403	188	90	5131
				Fir	--Do--	426	603	542	575	441	428	441	345	101	17	3919
				Mohru	--Do--	579	647	500	287	109	57	20	11	4	1	2215
				Ban	--Do--	3	10	15	22	8	11	6	5	3	-	83
				Broad Leaved	--Do--	1751	2734	2034	1130	159	130	78	39	18	8	8081
5	Kotkhai	DPF-177 Gahan Jarahi (C-V)	30.8	Deodar	Number of trees	91	72	36	38	52	13	15	2	-	-	319
				Kail	--Do--	805	678	652	492	483	210	152	42	15	13	3542
				Rai	--Do--	1190	1285	850	775	385	272	135	87	52	5	5036
				Fir	--Do--	850	530	532	302	195	75	62	13	8	2	2569
				Mohru	--Do--	1523	1143	678	448	229	66	27	17	2	-	4133
				Broad Leaved	--Do--	3524	2373	1177	587	199	35	8	5	2	1	7911
6.	Kotkhai	UPF-496 Khogta Dhar (C-I)	20.23	Kail	Number of trees	134	134	203	134	21	31	-	-	-	-	657
				Rai	--Do--	-	31	92	132	71	21	10	-	-	-	357
				Fir	--Do--	11	71	71	61	51	21	10	-	-	-	296
				Kharsu	--Do--	92	172	344	172	31	-	-	-	-	-	811
7	Kotkhai	UPF-497 Hattu (C-I)	94.83	Deodar	Number of trees	354	626	807	974	584	379	179	63	16	2	3984
				Kail	--Do--	334	617	750	909	538	312	128	35	6	-	3629
				Rai	--Do--	618	1118	1242	1276	890	700	487	283	118	27	6759
				Fir	--Do--	348	662	773	856	594	455	312	195	89	15	4299
				Kharsu	--Do--	1308	2112	2135	2231	1363	1018	699	464	197	28	11555
				Broad Leaved	--Do--	575	818	831	704	283	127	32	4	-	-	3374
8	Kotkhai	UPF-497 Hattu (C-II)	52.20	Deodar	Number of trees	36	68	73	69	35	22	14	8	3	-	328
				Kail	--Do--	91	220	318	420	332	290	214	136	66	12	2099

				Rai	--Do--	245	434	500	572	438	354	272	198	106	31	3150
				Fir	--Do--	143	283	350	446	350	270	184	121	85	19	2251
				Kharsu	--Do--	748	1143	1081	1225	888	682	479	265	86	10	6607
				Broad Leaved	--Do--	273	347	311	243	98	42	8	-	-	-	1322
9	Kotkhai	UPF-497 Hattu (C-III)	80.81	Deodar	Number of trees	40	103	164	207	125	92	39	10	1	-	781
				Kail	--Do--	40	124	377	625	403	244	84	13	-	-	1910
				Rai	--Do--	115	145	102	86	65	52	34	13	4	-	616
				Kharsu	--Do--	6	3	-	-	-	-	-	-	-	-	9
				Braod Leaved	--Do--	1230	791	573	103	278	25	-	-	-	-	3000
			Total Nos.	-	-	42766	46085	38544	38599	25176	16421	10102	5731	2265	610	226299

FIR/SPRUCE WORKING CIRCLE P.B.-I

Species	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100 or over	Total
	V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	
Rai	4753	5612	4849	5275	3738	3068	2256	1289	610	194	31644
Volume	503.81	2048.37	4451.38	9262.90	10832.72	13296.71	13680.38	9073.27	5618.71	2265.14	71033.39
Fir	9789	12203	12368	16001	11457	6712	3710	2217	761	126	75344
Volume	2300.41	7041.13	13493.48	28145.75	30074.62	24505.51	17989.79	12217.88	5301.12	1082.46	142152.15
Deodar	2164	2383	2304	2483	1657	1248	791	396	162	85	13673
Volume	372.2	1100.95	2322.43	4439.6	4639.6	5018.21	4298.29	2458.37	1276.88	825.18	26751.71
Kail	2139	2598	2938	3520	2732	2055	1404	800	329	118	18633
Volume	329.41	1130.13	2914.50	6307.84	7731.56	8376.18	7730.42	5027.2	2615.22	1149.79	43312.25
Ban (Oak)	6561	7895	6823	6427	3780	2572	1673	948	368	78	37125
Volume	695.45	2739.56	5417.45	9242.02	8648.62	8572.04	7648.94	4988.36	2495.4	661.44	51109.28
Broad Leave	17360	15394	9262	4893	1812	766	268	81	35	9	49880
Volume	1996.39	4741.34	6344.47	6072.21	3596.82	2232.89	1082.18	376.97	211.57	68.49	26723.27
Total	42766	46085	38544	38599	25176	16421	10102	5731	2265	610	226299
Volume	6197.67	18801.48	34943.71	63470.32	65523.94	62001.54	52430.00	34142.05	17518.9	6052.5	361082.1

APPENDIX-II ENUMERATION RESULTS

ENUMERATION DATA OF TREES IN BIO/ SPHERE CONSERVATION WORKING CIRCLE

S. No.	Range	Legal status No. & name of Ft.	Area (ha)	Species	Para Metter	V	VI	III	IIA	IIB	IA	IB	IC	ID	IE	Total
1	Theog	RF-4Tir Mahasu C-I	41.2	Deodar	Nos. of trees	1220	1550	1308	514	-	-	-	-	-	-	4592
				Kail	-do-	32	403	268	-	119	20	-	-	-	-	842
				Rai	-do-	4782	4188	1063	241	170	20	-	-	-	-	10464
				Fir	-do-	166	3021	1007	-	119	20	-	-	-	-	4333
2		RF-4 Tir Mahasu C-II	20.2	Deodar	-do-	3732	4997	2062	168	64	21	-	-	-	-	11044
				Kail	-do-	14	-	126	84	-	-	-	-	-	-	224
				Rai	-do-	924	594	102	96	31	-	-	-	-	-	1747
3		DPF-40 Narainti	178	Deodar	-do-	6591	5921	1806	415	66	8	4	1	-	2	14814
				Kail	-do-	3313	1370	140	31	8	1	-	-	-	-	4863
				Rai	-do-	1411	904	214	48	19	12	1	-	-	-	2609
				Mohru	-do-	348	63	1	1	-	-	-	-	-	-	413
				Kharsu	-do-	45	9	-	-	-	-	-	-	-	-	54
				Ban	-do-	17	20	6	-	-	-	-	-	-	-	43
				B/L	-do-	34	37	15	10	4	2	1	-	-	-	103
4		DPF-41 Dharali	33.2	Deodar	-do-	1092	1121	463	134	-	-	-	-	-	-	2810
				Fir	-do-	0	-	-	-	-	73	24	-	-	-	97
				Rai	-do-	1181	1991	955	152	34	-	-	-	-	-	4313
5		DPF-43 Narel	28	Deodar	-do-	1110	1512	309	28	-	29	-	-	-	-	2988
				Kail	-do-	3428	4216	1760	673	359	108	56	-	-	-	10600
				Rai	-do-	60	16	16	-	-	-	-	-	-	-	92
				B/L	-do-	57	224	616	336	42	29	83	-	-	-	1387
6		DPF-44 Kachi Kalind	52.2	Deodar	-do-	1531	1450	565	226	21	-	-	14	3	-	3810
				Kail	-do-	2574	3551	3368	1766	326	71	31	6	-	-	11693
				Rai	-do-	91	126	144	29	-	-	-	-	-	-	390

				Mohru	-do-	504	168	-	-	-	-	-	-	-	-	672
				Ban	-do-	1219	695	56	-	-	-	-	-	-	-	1970
				B/L	-do-	404	259	56	21	40	11	-	-	-	-	791
7		DPF- 47 Lanoo	68	Deodar	-do-	2068	3802	3411	3328	819	549	272	-	-	-	14249
				Kail	-do-	398	349	272	136	41	9	-	-	-	-	1205
				Chil	-do-	1129	899	801	126	-	-	-	-	-	-	2955
8		DPF- 50 Narguni	44.2	Deodar	-do-	6169	18056	1481	67	-	-	-	-	-	-	25773
				Kail	-do-	1283	488	244	199	-	-	-	-	-	-	2214
9		DPF- 52 Rohru C-I	17	Kail	-do-	4222	3019	1249	1517	416	210	56	-	-	-	10689
				Rai	-do-	29	576	192	356	118	-	-	-	-	-	1271
10		DPF 52 Rohru C-III	20.2	Deodar	-do-	5022	3682	385	-	-	-	-	-	-	-	9089
				Kail	-do-	55	308	68	-	-	67	12	-	-	-	510
11		DPF-53 Bharyana C-I	24.0	Deodar	-do-	2883	3270	2737	1371	521	90	-	-	-	-	10872
				Kail	-do-	2464	93	18	-	-	-	-	-	-	-	2575
12		DPF- 104 Kangar	72.8	Deodar	-do-	6768	8165	3281	1978	551	229	65	-	-	-	21037
				Rai	-do-	2151	1316	182	259	45	-	-	-	-	-	3953
				Kharsu	-do-	1026	658	-	-	-	-	-	-	-	-	1684
13		DPF- 105 Kachat Nala	5.2	Deodar	-do-	3362	2501	523	323	57	-	-	-	-	-	6766
				Kail	-do-	17	-	114	75	-	-	-	-	-	-	206
14		DPF- 125 Kaljar	136.8	Deodar	-do-	3165	3976	1896	545	61	-	-	-	-	-	9643
				Kail	-do-	17181	15570	3662	1151	461	44	-	-	-	-	38069
				Mohru	-do-	1439	959	-	-	-	-	-	-	-	-	2398
15		DPF- 126 Guthan C-I	133.6	Deodar	-do-	6624	4461	3358	1981	785	354	213	80	46	4	17906
				Kail	-do-	2787	2283	1976	1361	472	285	148	42	17	2	9373
				Rai	-do-	870	498	251	149	57	47	35	16	9	2	1934
				Mohru	-do-	72	25	6	1	1	1	-	-	-	-	106
				Ban	-do-	399	324	196	124	10	2	3	1	1	-	1060
				B/L	-do-	40	62	29	25	2	-	-	-	-	-	158

16		DPF 126 Kuthan C-II	226.6	Deodar	-do-	10537	23454	21754	4986	907	-	-	-	-	-	61638
				Kail	-do-	4532	7592	6798	3173	1813	567	227	114	-	-	24816
				Rai	-do-	4079	2266	680	907	340	-	114	-	-	-	8386
17		DPF- 126 Kuthan C-III	76.8	Deodar	-do-	450	7911	11712	2573	-	-	-	-	-	-	22646
				Kail	-do-	1191	2151	1536	1229	615	384	154	-	-	-	7260
				Rai	-do-	79	39	154	38	-	-	-	-	-	-	310
18		DPF- 127 Ishta C-I	81.8	Kail	-do-	5546	4497	1758	1125	102	-	-	-	-	-	13028
				Chil	-do-	3328	3818	1474	1095	316	27	-	-	-	-	10058
				Ban	-do-	1110	1139	470	300	41	-	-	-	-	-	3060
				B/L	-do-	-	800	533	164	41	-	-	-	-	-	1538
19		DPF- 127 Ishta C-II	33.6	Deodar	-do-	51	507	337	-	-	--	-	-	-	-	895
				Kail	-do-	1084	776	183	298	5	32	11	-	-	-	2389
				Chil	-do-	3250	2572	923	598	157	25	-	21	5	-	7551
20		DPF-127 Ishta C-III	50.6	Kail	-do-	4985	4698	1302	610	266	35	-	-	-	-	11896
				Chil	-do-	2469	1524	632	590	42	-	-	-	-	-	5257
21		UPF 65 Khilla	11.9	Deodar	-do-	807	538	175	296	-	-	-	-	-	-	1816
				Kail	-do-	-	291	343	98	-	-	-	-	-	-	732
				Chil	-do-	1614	276	-	-	-	-	-	-	-	-	1890
22		UPF 69 Khul	23.8	Deodar	-do-	3328	2745	560	35	-	-	-	-	-	-	6668
				Kail	-do-	832	1068	921	378	-	-	-	--	-	-	3199
				Chil	-do-	81	833	697	94	-	-	-	-	-	-	1705
23		UPF 72 Chilla	5.5	Deodar	-do-	96	-	824	545	-	-	-	-	-	-	1465
				Chil	-do-	20	-	137	91	-	-	-	-	-	-	248
24		UPF 73 Gagan Ghatti	23.3	Deodar	-do-	2583	4141	2289	491	29	-	-	-	-	-	9533
				B/L	-do-	2133	1015	118	-	-	-	-	-	-	-	3266
25		UPF- 75 Galu	2.1	Deodar	-do-	164	274	245	236	146	40	4	-	-	-	1109
				Kail	-do-	21	76	52	29	6	-	-	-	-	-	184

				Rai	-do-	6	7	1	2	1	-	-	-	-	-	17
26		UPF-88 Kelwi	6.6	Deodar	-do-	8	-	-	-	-	-	-	-	-	-	8
				Kail	-do-	657	70	7	-	-	-	-	-	--	-	734
				Chil	-do-	268	278	60	14	-	--	-	-	-	-	620
				Rai	-do-	7	-	-	-	-	-	-	-	-	-	7
				Ban	-do-	254	66	7	-	-	-	-	-	-	-	327
27		UPF- 90 Anu Chalaog	6.8	Kail	-do-	51	-	-	-	-	-	-	-	-	-	51
				Chil	-do-	408	306	48	7	-	-	-	-	-	-	769
28		UPF -91 Kachi Kalind	14.1	Kail	-do-	436	734	508	240	15	-	-	7	-	-	1940
29		UPF-95 Shabhog	13.7	Deodar	-do-	179	69	29	-	-	-	-	-	-	-	277
				Kail	-do-	292	443	548	589	397	123	27	-	-	-	2419
				Rai	-do-	9	14	14	21	12	-	-	-	-	-	70
				Chil	-do-	11	-	16	18	17	-	-	-	-	-	62
30		UPF-100 khanu	13.5	Deodar	-do-	122	210	203	48	-	-	--	-	-	-	583
				Kail	-do-	520	493	574	542	293	196	43	4	-	-	2665
31		UPF—102 kathal	48.8	Kail	-do-	7663	8590	342	-	-	-	-	-	-	-	16595
32		UPF-103 Runkali	35.3	Deodar	-do-	6585	5048	142	-	-	-	-	-	-	-	11775
				Kail	-do-	3533	530	89	-	-	-	-	-	-	-	4152
33		UPF-104 Bandru	39.1	Deodar	-do-	5907	5290	2933	2640	646	88	-	--	-	-	17504
				Kail	-do-	1095	412	52	53	-	-	-	-	-	-	1612
34		UPF-106 Gowahi Sanhana	75.2	Deodar	-do-	11296	5196	106	-	-	-	-	-	-	-	16598
				Kail	-do-	14844	10194	1704	1377	231	-	-	-	-	-	28350
				Chil	-do-	78	9	-	-	-	-	-	-	-	-	87
35		UPF-108 Bhalech	56.6	Kail	-do-	9868	10926	4310	941	204	68	-	-	-	-	26317
36		UPF- 109 Thunda	15.8	Deodar	-do-	-	387	257	-	-	-	-	-	-	-	644

				Kail	-do-	1071	1873	1560	675	49	72	23	-	-	-	5323
37		UPF- 116 Baloa	5.6	Deodar	-do-	122	60	58	-	-	-	-	-	-	-	240
				Kail	-do-	386	200	62	-	-	-	-	-	-	-	648
38		UPF-117 Tungla	45	Kail	-do-	11971	9522	3712	2006	283	38	-	-	-	-	27532
39		UPF -118 Tikkar	12	Deodar	-do-	26	264	176	-	-	-	-	-	-	-	466
				Kail	-do-	79	1056	704	135	90	-	-	-	-	-	2064
40		UPF- 119 Shilu	7.2	Deodar	-do-	1064	1003	234	-	-	-	-	-	-	-	2301
				Kail	-do-	76	353	594	511	90	-	-	-	-	-	1624
41		UPF- 121 Jugo	6.3	Deodar	-do-	481	281	187	133	70	13	-	-	-	-	1165
				Kail	-do-	348	266	177	96	38	10	-	-	-	-	935
42		UPF- 123 Sainj Kufta	100.4	Deodar	-do-	5936	5103	2735	1925	377	42	-	-	-	-	16118
				Kail	-do-	1470	1886	1132	1641	941	164	-	-	-	-	7234
				Chil	-do-	4452	3704	1155	738	237	33	-	-	-	-	10319
43		UPF-128 Naur	18.1	Deodar	-do-	89	295	1095	581	23	128	36	-	-	-	2247
				Kail	-do-	17	-	149	98	-	-	-	-	-	-	264
				Ban	-do-	1053	709	122	-	-	-	-	-	-	-	1884
44		UPF-130 Ganechi	11.3	Chil	-do-	1461	2006	1159	495	143	23	-	-	-	-	5287
45		UPF 133 Khalashi	271.8	Deodar	-do-	39139	2855	544	-	-	-	-	-	-	-	42538
				Kail	-do-	22288	953	-	-	-	-	-	-	-	-	23241
				Chil	-do-	1178	-	-	--	-	-	-	-	-	-	1178
46		UPF 135 Tikkar Chaunara	170.3	Deodar	-do-	37637	12773	-	-	-	-	-	-	-	-	50410
				Kail	-do-	4301	1309	-	-	-	-	-	-	-	-	5610
47		UPF 136 Tir Mahasu	129.5	Deodar	-do-	1296	972	648	1166	195	65	-	-	-	-	4342
				Kail	-do-	4015	3044	2791	1036	195	65	-	-	-	-	11146
				Rai	-do-	15994	17807	1943	1295	518	66	65	-	-	-	37688
48		UPF 283 Kangar	12.7	Deodar	-do-	1251	1386	551	251	53	-	-	--	-	-	3492

				Rai	-do-	1521	478	-	-	-	-	-	-	-	-	1999
49		UPF 285 Chaunri	121.4	Deodar	-do-	3845	8704	5529	862	-	-	-	-	-	-	18940
				Kail	-do-	1281	2479	1778	1246	275	-	-	-	-	-	7059
				Chil	-do-	2539	3226	2178	1578	217	-	-	-	-	-	9738
				Ban	-do-	1199	1208	715	288	-	-	-	-	-	-	3410
50		UPF- 287 Choli	21.8	Deodar	-do-	1074	3143	2925	984	45	-	-	-	-	-	8171
				Kail	-do-	89	711	831	241	-	-	-	-	-	-	1872
				Rai	-do-	2128	1313	-	-	-	-	-	-	-	-	3441
51		UPF- 292 Lal Mitti	37	Deodar	-do-	1095	1754	1092	790	255	28	-	-	-	-	5014
				Kail	-do-	4379	4124	1693	492	-	67	22	-	-	-	10777
				Rai	-do-	1075	669	-	-	-	-	-	-	-	-	1744
				B/L	-do-	36	723	482	-	-	-	-	-	-	-	1241
52		UPF- 300 Loharab	41.7	Kail	-do-	7124	6095	1620	346	-	-	-	-	-	-	15185
53		UPF -305 Dhalian	33.6	Deodar	-do-	2980	3136	2050	1149	79	-	--	-	-	-	9394
54		UPF -306 Khaneor	2.4	Chil	-do-	668	157	53	42	17	10	-	-	-	-	947
55		UPF -309 Khariana	5.3	Chil	-do-	78	519	610	389	53	-	-	-	-	-	1649
56		UPF- 310 Girenj	3.4	Chil	-do-	611	344	91	28	-	-	-	-	-	-	1074
57		UPF- 312 Bagri	10	Deodar	-do-	739	941	621	186	21	-	-	-	-	-	2508
58		UPF- 313Narchat	18	Deodar	-do-	49	587	1284	596	-	-	-	-	-	-	2516
				Kail	-do-	1758	2550	1078	325	75	-	-	-	-	-	5786
				Ban	-do-	7	-	150	99	-	-	-	-	-	-	256
59		UPF -314 Raoni	30.4	Deodar	-do-	1123	2545	1994	793	84	-	-	-	-	-	6539
				Kail	-do-	1103	2545	1783	808	143	-	-	-	-	-	6382
60		UPF- 316 Rahora	125.1	Deodar	-do-	3878	849	900	868	420	128	25	8	4	-	7080
				Kail	-do-	14636	5144	2114	978	334	82	14	3	-	-	23305
				Rai	-do-	5524	328	34	4	3	-	-	2	1	-	5896

61		UPF- 317 Bani	1.8	Deodar	-do-	805	488	-	-	-	-	-	-	-	-	1293
62		UPF- 318 Reyog	24.4	Deodar	-do-	4136	4547	1345	101	-	-	-	-	-	-	10129
				Kail	-do-	3309	3398	795	-	-	-	-	-	-	-	7502
63		UPF -319	1.8	Kail	-do-	376	121	-	-	-	-	-	-	-	-	497
64		UPF -321 Janog	0.7	Deodar	-do-	51	21	13	9	3	-	-	-	-	-	97
65		UPF-322 Kur	5.9	Deodar	-do-	121	80	27	5	-	-	-	-	-	-	233
				Kail	-do-	313	204	71	42	24	-	-	-	-	-	654
				Chil	-do-	98	50	9	-	-	-	-	-	-	-	157
66		UPF- 328 Kareli	216.5	Deodar	-do-	10666	11815	5778	2351	283	-	-	-	-	-	30893
				Kail	-do-	15304	12093	2326	187	-	-	-	-	-	-	29910
67		UPF -333 Bagwi Sandhu	74.7	Deodar	-do-	20	-	225	149	-	-	-	-	-	-	394
				Kail	-do-	35106	24579	2518	985	172	-	-	-	-	-	63360
				Spruce	-do-	1362	840	-	-	-	-	-	-	-	-	2202
68		UPF -334 Dakarna	84.2	Kail	-do-	5603	6990	2991	2442	1980	590	43	44	85	-	20768
				Rai	-do-	86	46	-	-	-	-	-	-	-	-	132
69		UPF -336 Shalog	8	Deodar	-do-	384	152	140	-	-	-	-	-	-	-	676
				Kail	-do-	509	572	428	100	-	-	-	-	-	-	1609
				B/L	-do-	240	208	188	-	-	-	-	-	-	-	636
70		UPF- 337 Bajo	6.4	Deodar	-do-	1951	1193	-	-	-	-	-	-	-	-	3144
				Kail	-do-	64	968	645	-	-	-	-	-	-	-	1677
71		UPF- 338 Gharol	6.6	Deodar	-do-	522	423	172	99	10	-	-	-	-	-	1226
				Kail	-do-	284	205	179	222	175	99	50	6	-	-	1220
				Rai	-do-	14	24	31	25	13	7	-	-	-	-	114
				B/l	-do-	10	26	7	-	-	-	-	-	-	-	43
72		UPF- 339 Charai	18.2	Deodar	-do-	483	1183	1502	1001	274	82	55	-	-	-	4580
				Kail	-do-	1102	37	-	-	-	-	9	-	-	-	1148
				Rai	-do-	19	20	--	-	-	-	-	-	-	-	39

73		UPF- 346 Kuthan	84.2	Deodar	-do-	2758	2143	770	838	294	39	-	-	-	-	6842
				Kail	-do-	2708	2599	831	155	-	-	-	-	-	-	6293
				Chil	-do-	1367	843	233	155	-	--	-	-	-	-	2598
				Ban	-do-	-	-	233	343	47	-	-	-	-	-	623
74		UPF -353 Bandli	42.2	Deodar	-do-	3724	2278	210	296	50	-	-	-	-	-	6558
				Kail	-do-	7380	5788	821	-	-	-	-	--	-	-	13989
				Ban	-do-	2933	1462	171	-	-	-	-	-	-	-	4566
				B/L	-do-	1467	474	-	-	-	-	-	-	-	-	1941
75	Balson	DPF- 139 Chadaha C-VI	74.4	Deodar	-do-	403	257	939	431	259	89	2	9	-	-	2389
				Kail	-do-	1100	765	898	456	436	71	3	8	-	-	3737
				Rai	-do-	998	889	786	487	342	109	6	7	-	-	3624
				Fir	-do-	858	936	889	298	301	83	6	4	-	-	3375
				Mohru	-do-	3	31	167	89	41	9	8	5	-	-	353
				B/L	-do-	1524	1672	2460	832	1460	71	12	10	-	-	8041
76		DPF -150 Bagroa C-I	13.4	Deodar	-do-	126	1337	1143	326	80	-	-	-	-	-	3012
77		DPF- 161 Biran C-I	127.0	Kail	-do-	3556	3810	3683	3175	1905	572	-	-	-	-	16701
				Rai	-do-	2921	3748	2921	3683	1905	572	64	-	-	-	15814
				Mohru	-do-	1143	1524	762	381	-	-	-	-	-	-	3810
				Kharsu	-do-	1270	1143	1778	1524	191	-	-	-	-	-	5906
78		DPF- 161 Biran C-II	13.3	Deodar	-do-	94	27	34	14	8	-	-	-	-	-	177
				Kail	-do-	114	94	114	115	74	21	-	-	-	-	532
				Rai	-do-	122	115	54	67	47	7	6	-	-	-	418
				Kharsu	-do-	121	122	148	114	81	-	-	-	-	-	586
79		UPF- 358 Chakhana	119.1	Kail	-do-	2916	4651	3885	2804	496	-	-	-	-	-	14752
				Ban	-do-	50	-	248	564	99	-	-	-	-	-	961
				Mohru	-do-	49	485	571	164	-	-	-	-	-	-	1269
80		UPF- 371 Chambi Bakhariya	217.9	Deodar	-do-	253	1521	2564	993	-	-	-	-	-	-	5331

				Kail	-do-	3095	6438	6398	3040	660	221	23	-	-	-	19875
				Mohru	-do-	-	-	259	172	-	-	-	-	-	-	431
81		UPF- 372 Kharori	122.2	Deodar	-do-	50	-	718	700	142	-	-	-	-	-	1610
				Kail	-do-	4557	5748	2867	1419	817	205	-	-	-	-	15613
				Ban	-do-	-	-	508	492	102	-	-	-	-	-	1102
				Mohru	-do-	-	498	585	169	-	-	-	-	-	-	1252
82		UPF- 374 Deha	43.9	Deodar	-do-	1186	601	396	718	996	806	674	104	73	-	5554
				Kail	-do-	922	220	242	154	86	41	-	-	-	-	1665
				Rai	-do-	242	198	308	66	44	-	-	-	-	-	858
				Fir	-do-	88	-	-	-	-	-	-	-	-	-	88
				Mohru	-do-	176	41	21	-	-	-	-	-	-	-	238
				B/L	-do-	44	45	-	-	-	-	-	-	--	-	89
83		UPF- 378 Kadharan	11.5	Deodar	-do-	847	1057	777	476	190	38	35	11	-	-	3431
				Kail	-do-	56	35	11	-	-	-	-	-	-	-	102
84		UPF -379 Shilguri	68.6	Deodar	-do-	2234	3180	3148	3461	2342	1769	1022	231	73	7	17467
				Kail	-do-	144	183	131	181	172	72	17	6	6	1	913
				Rai	-do-	38	33	21	13	4	-	-	-	-	-	109
				B/L	-do-	15	17	6	1	-	-	-	-	-	-	39
85		UPF- 380 Nerwa	37.1	Deodar	-do-	226	1356	1827	1315	348	39	-	-	-	-	5111
				Kail	-do-	152	907	1297	812	233	39	-	-	-	-	3440
86		UPF -383 Chaletthi	11.2	Deodar	-do-	131	-	831	977	279	47	-	-	-	-	2265
				Kail	-do-	29	31	6	-	-	-	-	-	-	-	66
87		UPF- 385 Maniun	9.4	Deodar	-do-	75	458	1004	638	58	-	-	-	-	-	2233
				Kail	-do-	16	7	-	-	-	-	-	-	-	-	23
88		UPF- 386 Deothi	274.5	Deodar	-do-	134	981	2416	2124	315	-	-	-	-	-	5970
				Kail	-do-	73	495	579	548	127	-	-	-	-	-	1822
89		UPF -387 Jaorna	6.8	Deodar	-do-	9	13	2	-	-	-	-	-	-	-	24
				Kail	-do-	36	-	165	495	128	-	-	-	-	-	824

				Ban	-do-	9	-	-	136	34	-	-	-	-	-	179
90		UPF- 388 Chilla	6.6	Deodar	-do-	54	323	534	587	124	-	-	-	-	-	1622
				Kail	-do-	36	29	9	-	-	-	-	-	-	-	74
91		UPF -389 Janahan Chadren	117.2	Deodar	-do-	159	957	1611	1386	245	-	-	-	-	-	4358
				Kail	-do-	1546	1836	2822	2374	549	82	-	-	-	-	9209
92		UPF -391 Dhar	11.8	Deodar	-do-	867	1643	973	192	-	-	-	-	-	-	3675
				Kail	-do-	33	5	7	-	-	-	-	-	-	-	45
93		UPF -399 Bagra	9.8	Deodar	-do-	193	1195	1168	247	-	-	-	-	-	-	2803
				Kail	-do-	2299	1812	437	80	-	-	-	-	-	-	4628
94		UPF- 400 Paloo	34.8	Deodar	-do-	1379	1214	271	128	308	233	52	-	-	-	3585
				Kail	-do-	10009	6291	433	289	-	-	-	-	-	-	17022
				Ban	-do-	24	425	717	289	-	-	-	-	-	-	1455
95		UPF -402 Chalan	22.4	Deodar	-do-	65	996	2388	1516	131	-	-	-	-	-	5096
				Kail	-do-	201	2190	3124	1113	-	-	-	-	-	-	6628
96	Kotkhai	R-13 Chambi Kupar C-I	18.2	Deodar	-do-	887	837	345	315	150	24	-	-	-	-	2558
				Kail	-do-	20	-	147	323	73	-	-	-	-	-	563
97		R-13 Chambi kupar III b	59	Deodar	-do-	767	561	266	207	148	30	-	-	-	-	1979
				Kail	-do-	1151	1003	826	679	679	207	-	-	-	-	4545
				Rai	-do-	354	177	236	118	-	-	-	-	-	-	885
98		R-13 Chambi kupar XII (d)	25.4	Kail	-do-	73	414	488	396	170	-	-	-	-	-	1541
				Rai	-do-	46	-	212	396	170	-	-	-	-	-	824
				Mohru	-do-	39	414	276	160	374	107	-	-	-	-	1370
				Fir	-do-	21	-	244	241	53	-	-	-	-	-	559

99		R-13 Chambi kupas C-XIII a	194.2	Kail	-do-	10912	3189	2475	4015	795	198	105	-	-	-	21689
				Rai	-do-	4575	1585	2021	675	193	205	283	-	-	-	9537
				Kharsu	-do-	2285	750	-	274	185	-	-	-	-	-	3494
				Mohru	-do-	6295	-	-	295	165	135	-	-	-	-	6890
				Fir	-do-	6375	-	395	1735	295	112	-	-	-	-	8912
				B/L	-do-	6231	-	385	205	-	-	-	-	-	-	6821
100		R-13 Chambi kupas C- XIII b	47	Deodar	-do-	70	-	704	1001	177	-	-	-	-	-	1952
				Kail	-do-	130	1379	1856	1157	177	-	-	-	-	-	4699
				Rai	-do-	45	-	-	532	177	-	-	-	-	-	754
				Mohru	-do-	0	460	306	-	-	-	-	-	-	-	766
				Fir	-do-	40	460	306	177	178	39	-	-	-	-	1200
				B/L	-do-	46	460	306	-	-	-	-	-	-	-	812
101		R-13 Chambi kupas C- XIII c	55.8	Kail	-do-	45	546	363	211	352	94	-	-	-	-	1611
				Rai	-do-	45	546	642	606	281	47	-	-	-	-	2167
				Mohru	-do-	-	-	279	185	-	-	-	-	-	-	464
				Fir	-do-	1766	1554	920	1213	421	47	-	-	-	-	5921
				B/L	-do-	-	-	279	185	-	-	-	-	-	-	464
102		R-13 chambi kupas XIII d	161.8	Kail	-do-	1508	914	-	-	-	-	-	-	-	-	2422
				Rai	-do-	4525	2742	1514	1582	445	293	115	13	-	-	11229
				Fir		148	1483	3259	2848	829	645	91				9303
				Kharsu	-do-	1436	1409	2348	2299	701	439	54		-	-	8686
				B/L	-do-	3017	1828	-	1081	190	-	-	-	-	-	6116
103		R-13 Chambi kupas XIII e	74.4	Kail	-do-	44	-	266	577	268	44	-	-	-	-	1199
				Rai	-do-	1586	1480	1142	1532	334	-	-	-	-	-	6074
				Kharsu	-do-	-	-	663	836	510	53	-	-	-	-	2062

				Mohru	-do-	-	-	266	176	-	-	-	-	-	-	442
				Fir	-do-	104	1040	1223	754	268	153	19	-	-	-	3561
				B/L	-do-	1892	600	332	311	66	-	-	-	-	-	3201
104		R-15 Tomru C-I	57.8	Kail	-do-	578	260	144	57	28	-	-	-	-	-	1067
				Rai	-do-	751	520	434	116	57	87	28	28	28	-	2049
				Fir	-do-	636	347	203	116	116	-	28	-	-	-	1446
				B/L	-do-	1041	376	173	88	-	-	-	-	-	-	1678
105		R-15 Tomru C-III a	20.2	Kail	-do-	42	-	248	355	191	42	-	-	-	-	878
				Mohru	-do-	-	494	581	168	-	-	-	-	-	-	1243
				Ban	-do-	-	987	1162	335	-	-	-	-	-	-	2484
				B/L	-do-	4109	3727	658	-	-	--	-	-	-	-	8494
106		R-15 Tomru C-III b	25	Deodar	-do-	-	4	1	3	1	-	-	-	-	-	9
				Kail	-do-	5	15	22	15	5	3	5	-	-	-	70
				Rai	-do-	17	26	27	25	20	30	10	4	19	-	178
				Fir	-do-	156	298	239	168	48	40	10	7	3	-	969
				Kharsu	-do-	87	160	210	221	132	70	35	15	41	-	971
				Mohru	-do-	5	12	11	13	9	1	2	1	2	-	56
				B/L	-do-	980	1203	386	161	41	13	3	3	3	-	2793
107		R-15 Tomru C-IV	64.8	Kail	-do-	30	-	-	178	58	-	-	-	-	-	266
				Spruce	-do-	35	-	231	341	545	214	90	16	42	10	1524
				Kharsu	-do-	-	453	301	187	46	179	44	-	-	-	1210
				Mohru	-do-	-	453	532	713	139	-	-	-	-	-	1837
				Fir	-do-	4137	4321	1437	341	46	-	-	-	-	-	10282
				B/L	-do-	6313	7768	3104	462	-	-	-	-	-	-	17647
108		R-15 Tumru C-V	105.2	Deodar	-do-	14	6	10	2	-	1	-	-	-	-	33
				Kail	-do-	13	8	9	19	10	10	1	-	-	-	70
				Rai	-do-	118	95	106	102	69	66	33	32	56	-	677
				Tosh	-do-	523	411	306	136	98	52	30	4	5	-	1565
				Ban	-do-	8	18	14	20	12	2	5	1	2	-	82

				Mohru	-do-	12	19	8	11	4	1	-	-	1	-	56
				Kharsu	-do-	9	11	18	12	8	2	-	-	-	-	60
				B/L	-do-	1974	1045	354	133	60	16	-	1	-	-	3583
109		R-16 Kalala	14.6	Deodar	-do-	99	2141	1974	556	165	21	-	-	-	-	4956
		C-III a														
110		RF 16 Kalala	13.8	Deodar	-do-	29	-	173	218	156	29	--	-	-	-	605
		XVI (b)														
				Kail	-do-	57	338	741	734	130	-	-	-	-	-	2000
111		DPF 169 Katach	62.8	Deodar	-do-	1005	2104	3297	2198	1099	942	565	94	-	-	11304
				Kail	-do-	188	786	1005	471	314	-	-	-	-	-	2764
				Rai	-do-	127	440	315	314	157	-	-	-	-	-	1353
112		DPF 176- Bani	28.4	Kail	-do-	79	463	304	-	-	200	28	-	-	-	1074
		C -I														
				Fir	-do-	27	463	308	-	150	9	-	-	-	-	957
				Mohru	-do-	46	926	616	-	-	-	-	-	-	-	1588
				Fir	-do-	2747	3100	1162	538	95	-	-	-	-	-	7642
				B/L	-do-	83	237	585	585	223	31	-	-	-	-	1744
113		DPF 176 Bani	12.2	Mohru	-do-	40	-	457	765	486	150	182	6	-	-	2086
		C-II														
114		DPG 177 Gahan Jarai C-I	26.2	Kail	-do-	77	-	-	793	804	253	23	-	-	-	1950
				Mohru	-do-	39	-	817	437	55	-	-	-	-	-	1348
				B/L	-do-	78	854	1223	435	-	-	-	-	-	-	2590
115		DPF 177 Gahan Jari C-IV	58.6	Kail	-do-	528	528	586	440	235	293	206	-	-	-	2816
				Rai	-do-	645	528	440	441	352	411	235	-	-	-	3052
				Mohru	-do-	2198	3458	4308	2813	3077	1524	499	57	30	-	17964
				Kharsu	-do-	176	235	88	-	-	-	-	-	-	-	499
				B/L	-do-	2432	851	821	382	59	-	-	-	-	-	4545

116		DPF 181 Rasalan C-III	59.8	Deodar	-do-	18	-	-	-	104	40	-	-	-	-	162
				Kail	-do-	48	488	2026	2009	1586	930	90	-	-	-	7177
				Rai	-do-	24	-	244	312	92	87	25	-	-	-	784
				Fir	-do-	20	-	249	316	100	-	-	-	-	-	685
				Kharsu	-do-	1352	1875	649	189	62	-	-	-	-	-	4127
117		DPF 182 Rela	176.6	Deodar	-do-	26	-	-	322	200	-	-	-	-	-	548
		C- I														
				Kail	-do-	44	-	-	322	410	290	100	-	-	-	1166
				Rai	-do-	8	-	-	183	201	52	-	--	-	-	444
				Kharsu	-do-	28735	47217	26213	5934	731	-	-	-	-	-	108830
				Fir	-do-	67	593	253	-	-	-	-	-	-	-	913
118		DPF 183 Jaroth C-II	57.8	Kail	-do-	122	-	1179	2312	1920	534	81	8	-	-	6156
119		DPF 184 Tharu	32.4	Deodar	-do-	81	488	351	-	-	-	74	24	-	-	1018
		C-I														
				Kail	-do-	80	486	565	511	228	400	116	-	-	-	2386
				Ban	-do-	-	-	270	179	-	-	156	39	-	-	644
				B/L	-do-	-	1056	2051	898	-	-	-	-	-	-	4005
120		DPF 184 Tharu	322.2	Deodar	-do-	26	-	-	179	63	-	-	-	-	-	268
		C-IV														
				Kail	-do-	82	446	2736	3120	763	126	43	-	-	-	7316
				Rai	-do-	1502	3864	2972	1806	1014	758	251	21	43	14	12245
				Fir	-do-	49	492	328	-	127	42	-	-	-	-	1038
				Mohru	-do-	1365	2879	1312	203	50	-	-	-	-	-	5809
				Kharsu	-do-	6827	10456	5445	2017	389	33	-	-	-	-	25167
				B/L	-do-	7241	6160	3625	1242	322	164	24	-	-	-	18778
121		DPF 185 Baghal C-I	72.4	Deodar	-do-	13	33	50	27	10	5	2	2	-	-	142
				Kail	-do-	443	1335	2130	2163	1473	458	146	62	-	-	8210
				Rai	-do-	297	999	1514	1324	743	197	48	16	-	-	5138
				Fir	-do-	63	180	257	163	106	14	5	1	-	-	789

				B/L	-do-	24	74	74	33	12	2	1	1	-	-	221
122		DPF 185 Baghal C-III	117.4	Deodar	-do-	13	-	-	-	150	15	-	-	-	-	178
				Kail	-do-	2866	6072	8483	6878	2495	762	71	69	-	-	27696
				B/L	-do-	33	-	612	202	-	311	18	-	-	-	1176
123		DPF 186 Gohach C-IV	160.7	Kail	-do-	12	-	-	162	47	-	-	-	-	-	221
				Rai	-do-	158	976	646	752	1389	1006	413	65	-	-	5405
				Fir	-do-	1472	4345	9809	7284	2026	967	181	61	10	-	26155
				Kharsu	-do-	1754	1794	2915	1694	582	179	173	27	-	-	9118
124		DPF 186 Gohach C-V	24.7	Kail	-do-	17	-	198	130	-	-	-	-	-	-	345
				Rai	-do-	32	-	200	601	360	68	-	-	-	-	1261
				Fir	-do-	2909	2930	1436	596	175	18	-	-	-	-	8064
125		DPF-190 Mail C-Ia	93.48													
126		UPF 405 Jaru	38.6	Kail	-do-	113	1415	2147	1530	485	81	-	-	-	-	5771
127		UPF 407 Banogra	9.1	Deodar	-do-	68	453	473	172	38	-	-	-	-	-	1204
128		UPF 408 Bakhol Baramu	30.8	Deodar	-do-	43	-	256	938	254	-	-	-	-	-	1491
				Kail	-do-	21	-	255	170	-	-	-	-	-	-	446
				Mohru	-do-	16	502	334	-	-	-	-	-	-	-	852
129		UPF 409	6.4	Deodar	-do-	35	-	160	341	75	-	-	-	-	-	611
130		UPF-410 Ruind Mahasu	51.9	Deodar	-do-	4575	5391	2193	1052	471	71	-	-	-	-	13753
131		UPF- 417 Bandli	3.4	Deodar	-do-	18	-	85	181	41	-	-	-	-	-	325
132		UPF -418 Bedar	7.7	Kail	-do-	34	188	125	160	88	9	-	-	-	-	604
				Rai	-do-	12	-	-	160	87	10	-	-	-	-	269
133		UPF- 419 Bhaog Dharonk	14.1	Deodar	-do-	66	689	987	473	24	-	-	-	-	-	2239

134		UPF -420 Chaithla	78.2	Kail	-do-	14182	11226	3055	2350	607	164	97	8	-	-	31689
135		UPF- 422 Pungrish	15.4	Kail	-do-	3398	3203	935	403	87	-	-	-	-	-	8026
136		UPF- 423 Domehar	4.1	Deodar	-do-	607	571	235	151	20	-	-	-	-	-	1584
137		UPF -424 Chalnair	4	Kail	-do-	591	557	329	133	-	-	-	-	-	-	1610
138		UPF -425 Kanog Jalath	19.6	Deodar	-do-	305	328	154	80	56	10	2	-	-	-	935
				Kail	-do-	324	300	143	194	187	109	26	8	3	-	1294
				Rai	-do-	292	248	88	65	11	2	-	-	-	-	706
				Fir	-do-	159	144	50	34	31	16	5	-	-	-	439
				Mohru	-do-	2	2	-	-	-	-	-	-	-	-	4
				Ban	-do-	10	7	3	2	-	-	-	-	-	-	22
				B/L	-do-	65	36	3	1	-	-	-	-	-	-	105
139		UPF- 426 Kalimu	26	Kail	-do-	2539	2837	1712	922	337	42	-	-	-	-	8389
140		UPF- 427 Chhajoli	8	Kail	-do-	2343	1446	200	284	152	33	-	-	-	-	4458
141		UPF -428 Nihari	4	Kail	-do-	36	392	360	127	40	-	-	-	-	-	955
142		UPF- 429 Chewar	16.4	Deodar	-do-	37	-	204	255	186	34	61	11	-	-	788
				Kail	-do-	65	-	611	409	464	154	-	-	-	-	1703
				Spruce	-do-	29	401	677	272	104	34	-	-	-	-	1517
143		UPF- 432 Jauni	75.6	Deodar	-do-	32	-	270	381	68	-	74	24	-	-	849
				Kail	-do-	159	1056	1693	970	1022	370	106	81	19	-	5476
				Rai	-do-	35	-	-	204	205	143	32	-	-	-	619
				Mohru	-do-	14	-	270	397	54	-	-	-	-	-	735
				B/L	-do-	1523	1504	352	-	-	-	-	-	-	-	3379
144		UPF- 433 Shaun Shoshan	32.5	Deodar	-do-	53	-	533	344	-		-	--	-	-	930
				Kail	-do-	104	1055	2036	1902	337	-	-	-	-	-	5434
				Rai	-do-	10	-	-	202	68	-	--	-	-	-	280

145		UPF -434 Barrwi	93.9	Deodar	-do-	14	-	231	369	49	-	-	-	-	-	663
				Kail	-do-	97	2710	3442	2812	391	137	6	-	-	-	9595
				Rai	-do-	10	-	-	-	165	10	-	-	-	-	185
146		UPF -435 Salyana	6.8	Deodar	-do-	1166	1485	709	449	292	51	-	-	-	-	4152
				Kail	-do-	-	-	-	157	37	-	-	-	-	-	194
147		UPF 437 Gazta	13.5	Kail	-do-	990	933	197	339	362	76	-	-	-	-	2897
				Rai	-do-	10	-	-	128	42	-	-	-	-	-	180
				Mohru	-do-	12	-	207	69	-	-	-	-	--	-	288
148		UPF 438 Karali	7.7	Kail	-do-	-	-	-	-	-	-	65	5	-	-	70
				Mohru	-do-	7	502	370	427	140	2	-	-	-	-	1448
149		UPF 439 Bhanter Shil	15.8	Kail	-do-	33	333	391	113	-	-	-	-	-	-	870
				Mohru	-do-	950	614	170	263	121	14	-	-	-	-	2132
150		UPF 448 Thorola Balog C-I	61	Deodar	-do-	1503	918	254	332	58	-	-	-	-	-	3065
				Kail	-do-	1488	898	692	1222	483	70	-	-	-	-	4853
				Rai	-do-	1461	1425	720	127	-	-	-	-	-	-	3733
				Fir	-do-	1489	1425	911	191	-	-	-	-	-	-	4016
151		UPF 448 Thorola Balog C-II	142	Deodar	-do-	77	989	913	547	125	-	-	-	-	-	2651
				Kail	-do-	17493	17411	7527	3864	572	-	-	-	-	-	46867
				Rai	-do-	1486	903	1262	843	-	-	-	-	-	-	4494
				Fir	-do-	1472	1412	583	168	-	-	-	-	-	-	3635
152		UPF 448 Thorola Balog C-III	101	Kail	-do-	5971	7601	5396	3939	698	-	-	-	-	-	23605
153		UPF- 449 Gowali Dhar	14	Kail	-do-	1379	1527	565	340	88	-	-	-	-	-	3899
154		UPF- 450 Deori Bansari	28	Kail	-do-	2068	2634	1253	891	219	-	-	-	-	-	7065
155		UPF -451 Jashla	90.3	Deodar	-do-	485	504	266	134	33	6	2	-	-	-	1430

				Kail	-do-	1839	1882	1213	1191	555	241	61	3	1	-	6986
				Rai	-do-	790	745	331	151	38	10	8	1	-	-	2074
				Fir	-do-	124	189	133	58	22	4	5	2	2	1	540
				Mohru	-do-	80	68	23	11	13	9	6	3	-	-	213
				Kharsu	-do-	48	36	7	2	1	-	-	-	-	-	94
				B/L	-do-	111	111	41	11	1	-	-	-	-	-	275
156		UPF -452 Tamnoti	9.5	Kail	-do-	2086	1753	546	238	39	-	-	-	-	-	4662
157		UPF -453 Dahar	6.4	Deodar	-do-	13	14	30	-	-	-	-	-	-	-	57
				Kail	-do-	59	46	71	26	20	-	-	-	-	-	222
158		UPF- 462 Chadyana	26	Deodar	-do-	38	254	299	77	-	-	-	-	-	-	668
				Kail	-do-	768	1233	1021	444	32	-	-	-	-	-	3498
				Chil	-do-	1522	940	162	54	-	-	-	-	-	-	2678
159		UPF- 463 Rukhla	56	Deodar	-do-	1839	1429	665	893	195	-	-	-	-	-	5021
				Kail	-do-	5416	5504	2195	634	39	-	-	-	-	-	13788
160		UPF -464 kit	85	Kail	-do-	8713	6614	2927	1724	54	-	-	-	-	-	20032
				Chil	-do-	2490	3258	1572	282	-	-	-	-	-	-	7602
				Ban	-do-	36	416	701	624	85	-	-	-	-	-	1862
161		UPF- 465 Bagain Jubbal	195.1	Deodar	-do-	32	503	334	173	21	-	-	-	-	-	1063
				Kail	-do-	4507	7267	5587	4934	2154	434	109	3	58	-	25053
				Ban	-do-	2868	2861	926	423	63	-	-	-	-	-	7141
				Mohru	-do-	16	-	257	377	51	100	24	-	-	-	825
162		UPF -468 Bandli Galeha	157.5	Kail	-do-	4365	4107	2149	2232	1351	482	27	-	-	-	14713
				Ban	-do-	31	-	615	835	111	-	--	-	-	-	1592
				Mohru	-do-	7	-	-	186	61	-	-	-	-	-	254
				B/L	-do-	9	-	-	186	61	-	-	-	-	-	256
163		UPF -470 kiarwi	49.9	Kail	-do-	7308	5904	1626	717	87	-	-	-	-	-	15642
164		UPF -471 Daran	134.1	Deodar	-do-	1402	866	479	511	48	100	15	-	-	-	3421

				Kail	-do-	2779	1732	951	1601	241	92	23	-	-	-	7419
				Rai	-do-	8417	5664	791	704	96	-	-	-	-	-	15672
				Chil	-do-	2831	2200	1507	1182	225	32	-	-	-	-	7977
				Ban	-do-	12	-	-	193	48	-	-	-	-	-	253
				Kharsu	-do-	3983	3066	791	1475	547	248	46	-	-	-	10156
				B/L	-do-	1350	1334	312	193	48	-	-	-	-	-	3237
165		UPF- 472 Kalbog	79.6	Deodar	-do-	1197	1108	433	579	146	-	-	-	-	-	3463
				Kail	-do-	1151	1107	647	1447	997	342	206	138	28	-	6063
				Rai	-do-	16	-	-	150	151	33	-	-	--	-	350
				Fir	-do-	19	-	199	132	-	-	-	-	-	-	350
166		UPF- 475 Bharal	69.5	Deodar	-do-	2569	2419	1389	806	163	36	-	-	-	-	7382
				Kail	-do-	2507	2379	1344	700	38	-	-	-	-	-	6968
167		UPF -478 Tharango	167.9	Deodar	-do-	4610	5410	2233	347	-	-	-	-	-	-	12600
				Kail	-do-	13702	12128	4740	3150	922	132	-	-	-	-	34774
168		UPF -479 Khola	108.4	Deodar	-do-	2913	2263	560	1071	553	173	96	22	-	-	7651
				Kail	-do-	11438	8571	2435	2837	954	202	29	-	-	-	26466
				Rai	-do-	1443	1854	642	186	62	90	96	22	-	-	4395
169		UPF -480 Jamot	13.4	Deodar	-do-	660	403	112	155	83	18	-	-	-	-	1431
				Kail	-do-	1295	1244	291	-	-	-	-	-	-	-	2830
				Mohru	-do-	7	-	112	164	22	-	-	-	-	-	305
170		UPF- 481 Gawalth	17.3	Kail	-do-	1689	1606	1093	1348	290	52	56	13	-	-	6147
171		UPF -487 Tharmala	145.2	Deodar	-do-	1431	1349	307	-	-	-	-	-	-	-	3087
				Kail	-do-	11236	9366	2542	1374	243	-	-	-	-	-	24761
				Ban	-do-	12	-	-	195	48	-	-	-	-	-	255
172		UPF- 492 Basunali	5.1	Deodar	-do-	1493	1670	615	168	29	-	-	-	-	-	3975
173		UPF -493 Balog Nali	83	Deodar	-do-	80	902	601	61	142	122	27	-	-	-	1935
				Kail	-do-	1319	3011	4103	3829	788	197	179	41	-	-	13467
				Rai	-do-	19	-	-	-	117	38	125	41	-	-	340

				B/L	-do-	16	-	288	95	117	38	-	-	-	-	554
174		UPF -494 Mihani	54.6	Deodar	-do-	219	355	110	28	-	-	-	-	-	-	712
				Kail	-do-	1775	1720	1147	819	574	55	-	-	-	-	6090
175		UPF- 499 Lambipash	195.46	Kail	-do-	294	1076	1271	1173	1173	978	782	196	-	-	6943
				Rai	-do-	2151	7623	4105	1271	587	586	294	586	-	294	17497
				Kharsu	-do-	4301	5669	1466	294	-	-	-	-	-	-	11730
176		UPF- 495 Jau Bag	181.3	Rai	-do-	363	544	2992	2357	1451	544	635	272	181	-	9339
				Fir	-do-	-	-	-	363	272	182	-	-	-	-	817
				Kharsu	-do-	2720	3717	4624	1451	181	91	-	-	-	-	12784
177		UPF -498 Firodi	115.34	Deodar	-do-	635	808	2077	1961	866	404	116	-	-	-	6867
				Kail	-do-	808	1442	1788	1031	289	58	-	-	-	-	5416
				Rai	-do-	347	289	289	-	-	-	-	-	-	-	925
178		UPF -501 Jhora	80.94	Kail	-do-	162	284	446	324	203	122	122	-	-	-	1663
179		UPF-502 Chambi	361.79	Rai	-do-	243	1134	1012	891	486	446	203	407	203	364	5389
180		UPF-503 Odi Dhar	56.25	Fir	-do-	-	203	162	162	45	-	-	-	-	-	572
				Kharsu	-do-	567	2064	729	203	81	-	-	-	-	-	3644
				B/L	-do-	122	243	40	40	-	-	-	-	-	-	445
						952296	892753	503797	297814	100675	34215	12369	3329	1103	701	2799052

Bio-Sphere Conservation Working Circle

Species	Parameters	20-Oct	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	100 or over	Total
		V	IV	III	IIA	IIB	IA	IB	IC	ID	IE	
1	2	3	4	5	6	7	8	9	10	11	12	13
Deodar	No. of Trees	263145	246807	144212	70516	19230	6587	3219	626	200	13	754555
	Volume	45260.93	114024.82	145365.68	126082.59	53844	26486.31	17492.03	3886.19	1576.39	126.2	534145.14
Kail	No. of Trees	432666	381458	197018	135973	50309	15313	4230	910	217	3	1218097
	Volume	66630.55	165934.23	195441.84	243663.59	142374.47	62415.77	23290.36	5718.42	1724.92	29.224	907223.37
Rai	No. of Trees	77605	72633	36441	27724	13898	6241	3209	1542	582	684	240559
	Volume	8226.11	26511.04	33452.83	48683.33	40276.4	27048.48	19459.36	10854.13	5360.79	7986.37	227858.84
Fir	No. of Trees	24953	27907	25434	17526	5335	2242	398	75	20	1	103891
	Volume	5863.95	16102.32	27748.48	30728.23	14104.37	8185.53	1929.89	413.32	139.32	8.59	105224
Chil	No. of Trees	31951	27763	13517	7576	1424	150	0	21	5	0	82407
	Volume	2332.41	8551	9610.58	9666.96	2869.35	438.14	0	96.51	29.61	0	33594.56
Ban (Oak)	No. of Trees	78891	102681	68795	31288	9342	3094	1183	150	76	0	295500
	Volume	8362.43	35630.29	54623.21	44992.13	23413.48	10315.39	5408.67	789.29	515.35	0	184050.24
Broad Leave	No. of Trees	43085	33504	18380	7211	1137	588	130	5	3	0	104043
	Volume	4954.76	10319.21	12590.29	8948.83	2256.94	1714.02	524.93	23.27	18.13	0	41350.38
	T Trees	952296	892753	503797	297814	100675	34215	12369	3329	1103	701	2799052
	T. Vol.	141631.1	377072.9	478832.9	512765.7	279139	136603.6	68105.24	21781.13	9364.51	8150.384	2033447

APPENDIX - III (a)

RIGHTS, CONCESSIONS, GRAZING REGULATIONS. etc.

SUMMARY OF RECORD OF RIGHTS (MADHAN STATE)

The Forest Settlement divides the demarcated forests into two classes, viz. “Mahfuza” protected and “Mahduda” (demarcated.) The Mahfuza forests area free from all rights of user. Only one forest area comes under this head viz, Kiari. The remaining demarcated forests are “Mahduda and in these rights of user are admitted and allowed either, with or without the permission of the State. In addition to the demarcated forests the State possesses about 1,200 acres of undemarcated forests, the primary object of which is to meet the requirements of the right-holders. In these forests all rights may be exercised without permission or payment, except the cutting of what is known as first class trees. These consist of all the most valuable species viz, deodar, Kail, Chil, Cypress, Walnut the ban and mohru oak, spruce, Silver fir, boxwood, chestnut, Hill mulberry, and cedrela serrata.

The rights admitted in demarcated forests, vide para 18 of the Forest Settlement Report, are as under:

“A” With permission of the State

1. Timber trees for the construction and repairing of houses, on payment of fees (vide para 38). These are granted from demarcated forests only when not available in dehat forests.
2. Timber and firewood for the manufacture and repair of agricultural implements, free of charge.
3. Firewood (green) for marriage, funerals and other religious ceremonies is given free of charge only when dry wood is not available from either demarcated or dehat forests.

4. Grass is allowed from the "Ghasnis" on payment of an annual rental of 6 paisa per bigha. This rate is subject to alternation in future.
5. Lopping for fodder of 1st class trees, free. But permission will be given for Kail, Chil, Oaks and Deodar only in case of emergency, when other trees are not available. The following restrictions are imposed.

The deodar shall be lopped only upto $\frac{1}{4}$ of its height, and Kail and Chil and Oak upto $\frac{1}{3}$ only.

6. Quarrying for stones and slates are free.

"B" Without permission of the State

1. Dry wood for daily use.
2. Wood for cremation purposes.
3. Fodder for cattle. Grass cutting outside "Ghasnis." lopping of all trees other than 1st class.
4. Dry fallen leaves and shrubs for litter.
5. Flowers, fruits and plants for medical use.
6. Wild honey.
7. Clay for utensils and plastering houses.
8. Rights of way for water for cattle.
9. Grazing. The State reserves to itself the right to curtail or entirely close the grazing in any forest which is found to be deteriorating from excessive grazing. Further not more than $\frac{1}{3}$ of any forests may be closed to aid reproduction.

Sd/-

(Prem Nath)

Deputy Conservator of Forests,
Shimla Forest Division.

APPENDIX-III (b)

RECORD OF RIGHTS (KOTI STATE)

GENERAL PROVISIONS

A. Preliminary

1. (a) In the record “demarcated forests” means the area specified in the detailed record of rights under heading demarcated forests.
- (b) “Un demarcated forests” means waste forest land except the demarcated forests.
- (c) “Waste forest land” means generally waste land under trees upon which no revenue is assessed but includes:
 1. Grass land (Ghasni).
 2. Land assessed to revenue which, though once cultivated, has lain uncultivated for a period not less than 7 years.
- (d) The word “Forests” includes both demarcated and undemarcated forests except where the contrary is expressly stated.
- (e) “Right holders” means any person entitled to any or all of the rights for which provision is made in this record.
- (f) “Tree, Timber, Cattle” have the same meaning as in the Indian Forest Act XVI of 1927.
2. All rights for which provision is made in the record are rights only of user.
3. Trees growing spontaneously or planted by the State in the forests are the property of the State subject to such rights. The State is entitled to protect, improve and reproduce the Forest growth within the area of the forests.
4. In the forest no land can be partitioned or appropriate for the propose of cultivation or for making any field (Ghasani), except with the previous sanction of the Superintendent, Hill States, which

may be refused in the interests of the rights of the State, in the trees or other rights (if any which the State may possess.)

B. Rights of Rights Holders

5. The following are the rights of right holder for exercise of which provision is made in this record:
 - 1) To graze their own cattle.
 - 2) To obtain trees and timber.
 - a) For agricultural implements and domestic utensils.
 - b) For the construction and repair of temples, dwelling houses, cattle sheds, water mills, irrigation pipes and other agricultural buildings.
 - c) For fuel for daily use and for marriage and funeral ceremonies.
 - d) For crimation of the dead.
 - e) For charcoal to be used in the manufacture and repair of agricultural implements.
 3. To take the following articles of forest produce:
 - (a) Grass of all kinds for fodder and for other purposes.
 - (b) Dry wood for fuel.
 - (c) Brushwood for fences;
 - (d) Side branches of trees for fences, fodder and manure.
 - (e) Fallen leaves for manure and other purposes;
 - (f) Leaves of trees for tanning;
 - (g) Leaves and bark of climbers;
 - (h) Stumps of trees for torches, fuel and charcoal.
 - (i) Bamboos for baskets and other purposes;

- (j) Fruits, flowers, medicinal and edible roots and leaves.
 - (k) Surface stones and slates for buildings and other purposes.
 - (l) Earth for plastering, making vessels, bricks and other purposes.
 - (m) Wild honey.
6. Persons to whom the soil of any part of a forest is leased or rented and who is neither owner nor occupies of any revenue paying cultivation and to which rights in the forest in question are appendent, may subject to the conditions and limitation hereinafter prescribed and to any rules which Superintendent, Hill States, may subsequently issue, exercise in the forest in question the right to collect dry fallen wood fit only for fuel.
 7. The proprietors and agricultural tenants of cultivated land to which, in the detailed record of any demarcated forest all or any of the rights mentioned in para, 5 declared to be appended may, subject as aforesaid, exercise such rights within the part of that forest specified in the record.
 8. The proprietors and agricultural tenants of cultivated land in the State may exercise in un-demarcated forest all now entitled; provided that these rights shall be exercised subject to the limitations and conditions laid down in this record.
 9. Tenant at will entitled to trees for building or for agricultural purposes under para 7 and 8, shall receive these trees through the proprietors under whom they hold tenancy.
 10. With the exception of the rights admitted in the para 6 all the rights of right holders are appendent to cultivated land assessed to revenue and to the land which may subsequently be brought under cultivation and assessed to revenue with the permission of the Superintendent, Hill States, and are acquired and alienated only with such land. They are exercised only for the bonafide agricultural and domestic purpose of the right holders and only in

behalf of their own neither cattle nor are they exercised purely pastoral as distinguished from agricultural purposed.

11. Forest produce acquired by right holders in the exercise of their right may not be sold, bartered, or in any way alienated, nor may it be applied to any but the purpose for which it was acquired.
12. Trees for building purposes are not given when the right holders applying for them has already got suitable building in a reasonably convenient locality and of size sufficient for the requirements of a bonafide native agriculturalist holding the land to which the right appertains.
13. When trees are given for building purposes the building are constructed within the limits of the village where the cultivated land on account of which the trees are given is situated unless the contrary has been specially allowed.
14. All rights admitted are subject to the limitation that they may not be exercised to an extent that may endanger the existence of the forest over which the rights are admitted.

If the existence of the rights as admitted would endanger the existence of the forest, a limitation must be placed on the exercise of these rights and in that case, the right of right holder's interest shall proportionate to the revenue assessed or that might be assessed in respect of the land to which the right is appendant.

15. Right holders may graze only their own cattle. They may not lease the grazing in the forests, not take grazing dues, nor allow other than right holders to graze in them.
16. (1) Un-agricultural residents may graze their cattle in the un-demarcated forests under a license and payment of the prescribed dues provided that no right is thereby conferred and that the concession may be revoked at the pleasure of the Superintendent Hill States.

- (2) Shepherds passing through the State may graze the flocks in any undemarcated forest in which such grazing not expressly prohibited by the Forest Officer.
 - (3) The shepherds described in the above sub section may remain free of charge for one night at one place or at most for two nights for any special reasons-such as heavy rain or snow or giving salt to their flocks. If they halt longer than this they will be charged grazing fee.
 - (4) The right to realize dues mentioned in sub section (1) and (3) is entirely in the hands of the Superintendent, Hill States.
17. The shepherds provided for in the preceding paragraph may within the areas over which they graze, take dry fallen wood only for fuel and lop trees for fodder, and in respect of such lopping they are subject to the same restrictions as right holders.
 18. Whenever cultivated or grass (Ghasni) land assessed to revenue has been included in the limits of any demarcated forests, all rights not provided for in this record which have hitherto been exercised over such land may continue to be exercised just as if the land had not been included in the demarcated forest.
 19. All rights admitted are subject to the condition that all right holders shall render every assistance in extinguished any fire of occurring in any forest within which they have right, whether they have been called upon to do so or not and in the case is of willful neglect the Superintendent, Hill States, may order that all or any rights in a forest damaged by fire be suspended for any period be consider proper.

APPENDIX –III (c)

RIGHTS AND CONDITIONS IN KEONTHAL STATE

The forest settlement constituted the following three kinds of forests:

1. Reserved Forests (rakhs) are forests which are the absolute property of the State and no rights are admitted. They are termed as “R/13 Tarab”.
2. First Class Protected Forests (Mahfuzas) are forests where rights are admitted to a limited extent. The underlying object in constituting these forests was ultimately to convert them into Reserved Forests. They are termed as “1/12 Kufta.”
3. Second class protected forests (Mahdudas) are forests open to all rights of user. They are termed as “2/16 Gharali.”

Complete record of rights of each forest has been given in the forest settlement. Detailed notes on the various rights as exercised are given in the following paragraphs.

“Nautors”

2. Nautors are not granted in demarcated forests except with the previous permission of the local Government obtained through the Superintendent, Hill States. Nautors in dehats are usually not granted as the villagers have rights there in and they object almost invariably. Nautors in other area are granted by the Raja at his will on payment of some fixed nazrana.

Timber for building purposes

3. Every land holder in the State has a right to receive trees for this purpose at the reduced rate sanctioned by the State Trees thus acquired are not be disposed of to anyone else and must be used for the grantee’s bonafide requirements for the construction or repair of this house. The following scale of fee is charged:

Diameter class	Deodar	Kail Chil Fir Oak other spp. (in Rupees and Paisa)											
1-D Class 36” and Over		2	0	0	50	0	50	0	12	0	25	0	12
1-C Class 32” to 35”		2	0	0	50	0	50	0	12	0	25	0	12
1-A Class “24 to 27”		2	0	0	50	0	50	0	12	0	25	0	12
IIB Class “20 to 23”		1	0	0	25	0	25	0	12	0	12	0	12
IIA Class “16 to 19”													
III-Class “12 to 15”													
1-IV Class “8 to 11”		0	50	0	12	0	12	0	03	0	06	-	-
V- Class “Under 8”		0	25	0	06	0	06	0	03	0	03	-	-

The revenue realized from these sales is credited to the State. The following rules are laid down by the settlement:

- i) Trees for repair and construction purposed will be granted once in five years, except when the house is accidently damaged or burnt in which case the above restriction is waived.
- ii) Timber distribution will be held by the Forest Department in April and October each year.
- iii) The period for the cutting and removal of trees from the forest will be six months. No timber will be removed after the expiry of this period except on payment of a small fee.
- iv) Trees, if available silviculturally, will usually be granted from the forest in which the applicant has such right.
- v) Trees will not be given from a demarcated forest if the demand could be met from a neighboring Deha area, even though the applicant may have a right in such forest.

Timber and wood for burning the dead. Funeral and marriage ceremonies, agricultural implements etc.

4. Those are given free after due permission for the following purposes:-
 1. for construction of repair of water mills.
 2. for a bridge or a water channel.
 3. for marriage ceremonies on verification by the Dambardar.
 4. for cremation and funeral ceremonies.
 5. For Private religious ceremonies such as “Jags” “dharma shant”, “Chhochha” “bakra lagna”.
 6. for ploughs and other agricultural implements.
 7. For implements required in connection with burning of charcoal.
 8. for construction and repair of temples.

Grazing of animals of right holders

5. Except the areas which are closed under the provisions of Settlement, all the forests are open to all kind of animals. Grass cutting is also permitted in all the demarcated and undermacated forests.

Rahdari Fees

6. In accordance with past custom, fees called “rahdari” are collected from Gujjars and shepherds, who pass through this State on their way to grazing grounds in the adjoining State. The rates charged are as follows:-

Buffaloes, Cows, Ponies, Mules etc.	Annas two (12p) per head.
Sheep and goats	Annas one (6P) per head.
Sheep and Goats of Kanawaries	Pies six (3p) per head.

The fees are charged once for both the outward and return journeys, Grazing is only permitted in the dehat forests, and they are not allowed to stay for more than one night in one place. Exception is made in case of

bad weather or if the sheep and goats have been given salt, in which case they are allowed to stay for two nights. The distance between the two halting place must in no case be less than 5 miles. Contravention of any of these regulations makes than liable to pay the full grazing dues.

7. Lopping

The right of the loping a trees upto half fits height is admitted in the case of all trees except Deodar. In case where no other trees is available for lopping except deodar, the loping of deodar is also permitted 1/3 its heights. No trees with a girth of loss than 1-1/2 (45 Cm) at barest height may be lopped. The admission of this right in the settlement has resulted in the destructions of large area of dehat forests, and in a few please, of demarcated forest as well. The situation is getting serious as the burden in now increasing on the demarcated forests producing big obstacles in the way of systematic management of thee area. The settlement report, will admitting this right foresaw the difficulty and made a definite prescription that this right should be gradually restricted. The following passage from the settlement report elucidates the position.

“The system of lopping the trees in this State is very object able as it renders the trees unless. It is very necessary that this system is gradually stopped. The forests officials should pay special attention towards this. It is very difficult to check this old evil nor can this be stopped all at once. A check should not only be laid in “mahfuja” and ‘mahduda’ forests but extended to dehat and malkiyats so that the zamidars may appreciate and be accustomed to new methods and the forests may be spared.”

During the time the forests were under the Punjab Forest Department, the lopping of Deodar in all Demarcated Forests was entirely stopped and lopping of Kail very largely so. In Demarcated Forests in which lopping of Kail is still practised, villagers have rights to obtain Kail for building timber and fallen needless for manure. All three rights in one area are impossible. Once a Kail is lopped, the protection of needles in sufficient quantities to be collected of the ground ceases for many years. Fungus usually gets into the tree and renders it useless for building timber. Efforts

made in the past should be continued unabated till the zamidars begin to see the evil effects of this practice.

8. Miscellaneous Rights

In addition to the main rights given above in some detail the following are admitted in all protected forests:-

1. Removal of all fallen and dry timber.
2. Removal of all dry trees, except those of Deodar, Kail and Chil, for purposes of cremation.
3. Removal of stumps of all kinds for fire wood, provided that the mark is kept intact.
4. Removal of all standing trees, except Deodar, Kail, Chil, Spruce, Silver fir, Ban Mohru, Kharsu and Walnut for purposes of fire wood, provided that the Forest Officer may prohibit such removal at any time.
5. Removal of fallen branches and tree tops by black smiths for charcoal burning.
6. Removal of Taku, Bhail, Darli and Kahu Bushes making baskets or for personal use by the basket makers.
7. Removal of Kainth brass and Kahu wood for making walking sticks or for personal use by carpenters.
8. Barking of logs given for repair of tools or of dry trees of inferior species by charmers.
9. Removal of shrubs, wild fruits and plants, banafsha and honey for sale or for personal use.
10. Removal of torch wood from stumps, provided that the mark is not erased. Torch wood may also be removed from all dry trees with the exception of those mentioned in No. 4 above with the previous permission of the Forest Officer.

11. Removal of stone and slates from approve quarries with the previous permission of the Forest Officer.
12. Removal of nirgal for household use.
13. Removal of letter for manure.
14. Removal of creeps for hosehold use.
15. Non-right holder with herb agriculturists or other-wise, can graze their cattle in dehat area on the payment of grazing fees. They can also take trees and fire wood on payment of certain fixed fees. The concession is liable to be withdrawn any time.
16. If any time is fear that the exercise of rights in certain forests and endangers its existence, the forests officers are improved to restrict such right to extent to which the forest can bear them. This step will, who where , be taken after making full investigation on the spot.

9. **Rights in ghasnis**

The owners of ghasnis are permitted to do the following in their malkiyat:-

- 1) To take trees free of charge for their bonafide personal use after obtaining a permit for the State.
- 2) To cut grass without permit.
- 3) To lop all tree under Rule in force for the timing.
- 4) To take all other forest produce for their own bonafide use without permit.

10. **Acts prohibited**

- 1) Right holder may not shall or given on contract given on contract the rights of neither grazing, nor can they permit others to exercise their right.
- 2) All produce obtained for the forest for their benefit requirements must be used as such and not sold or exchanged with any other person.
- 3) Breaking of green trees is prohibited.

- 4) Girdling a tree in other to kill it, is prohibited.
- 5) Removal of torch wood from the following trees is prohibited.
 - a) Deodar, with herb standing or fallen, green or dry.
 - b) Standing Kail, Chil and Spruce or Silver fir.
- 6) Tapping any tree for resin.
- 7) Breaking up land, without the previous permission of the proper authority, in any demarcated undemarcated or ghasni areas.
- 8) To set fire to forests. In case of incendiary or want on fires, the right of all people living in the neighborhood will be suspended by enforcing and punitive closure.
- 9) To burn panwis in the absence of the forest officials.
- 10) To shoot mammals or other game without permission.

APPENDIX-III (d)

RECORD OF RIGHTS AND FOREST RULES FOR THEOG STATE GENERAL PROVISION

A. Preliminary

- (a) In the record Demarcated Forests means the area specified in the detailed records of rights under the heading demarcated forests viz:-

Pargana	No.	Name of Forests	Area in ha.
Ghow	-	-	-
Palana	1	Kalari	448
Ghawalti	2	Nargoni	90
Shilinali	4	Rohroo	325
Shilinali	5	Barhana	116
Pajaro	6	Pap	117
Shilinali	7	Tungla	58
Khagalad	8	Aud	108
Kalanj	9	Chowai	37
Kalanj	10	Katmohl	98
Rajana	11	Kang	126
Kalanch	12	Thakar ka Shil	75
Total			1809

- (b) “Undemarcated forests” means those waste forest lands under trees, map of which have been prepared by the State, and copies of which are kept in the Divisional Forest Office.
- (c) “Right holder” means a person entitled to any or all of the right for which provision is made in the record.
- (d) The word “Forest” includes both demarcated and undemarcated forests except where the contrary is expressly stated.
- (e) “Trees” “Timber”, “Cattle” have the same meaning as in the Indian Forest Act VII or 18/9.
2. All the rights for which provision is made in the record of rights are for user only.

3. Trees growing spontaneously or planted by the State in the forests are the property of the State subject to the rights of the Right Holders and subject to such right, the State is entitled to protect, improve and reproduce the forest growth within the area of the Forest.
4. In the demarcated forest no land can be partitioned or appropriated for the purpose of cultivation or for making a hay field (Ghasni) without the previous sanction of the Superintendent, Hill States, which may be refused in the interest of the Right Holders.

B. Right of Right Holders

5. The following are the rights of Right Holders for the exercise of which provision is made in the record:
 - i) To graze their own cattle.
 - ii) To obtain trees and timber.
 - a) For agricultural implements and domestic utensils.
 - b) For the construction and repairs of temples, dwelling houses, cattle sheds, water mills, irrigation pipes and other agricultural buildings.
 - c) For fuel of daily use and for marriage and funeral ceremonies.
 - d) For cremation of the dead.
 - e) For charcoal to be used in the manufacture and repair of agricultural implements.
 - iii) To take the following articles of forest produce:
 - a) Grass of all kinds of fodder and for other purposes.
 - b) Dry wood for fuel.
 - c) Brush wood for fences.
 - d) Side branches of trees for fences, fodder and manure.
 - e) Fallen leaves for manure and other purposes.

- f) Leaves of trees for tanning.
 - g) Leaves and bark of climbers.
 - h) Stumps of trees for torches, fuel and charcoal.
 - i) Fruits, flowers, medicinal and edible roots and leaves.
 - j) Surface stones and slates for building and other purposes.
 - k) Earth for plastering, making vessels and other purposes.
 - l) Wild honey.
6. Persons to whom the SOIL OF ANY PART OF A FOREST IS leased or retained and who are neither owner nor occupiers of any revenue paying cultivated land to which rights in the forests in question are appendant may, subject to the conditions and limitations hereinafter prescribed, and to any rules which the state may subsequently issue, exercise in the forest in question, the right to collect dry fallen wood only for fuel.
 7. The proprietors and agricultural tenants of cultivated land to which, in the detailed record of any demarcated forests, all or any of the rights mentioned in para 5 are declared to be appendent, exercise such rights, subject to aforesaid, within the part of that forest specified in the record.
 8. The proprietors and agricultural tenants of cultivated land in the State may exercise in the undemarcated forests all or any of the rights mentioned in para 5 to which they are not entitled, provided that these rights shall be exercised subject to the limitations and conditions laid down in this record.
 9. Tenants entitled to trees for building or for agricultural purposes under para 7 and 8 shall receive these trees through the proprietors under whom they hold tenancy.
 10. With the exception of the rights admitted in para 6, all the rights of right holders are appended to cultivated land assessed to revenue of land which

may subsequently be brought under cultivation and assessed to revenue with the sanction of the Superintendent Hill States and are acquired and alienated with such land. They are exercised only for the bonafide agricultural and domestic purposes of the right holders on behalf of their own cattle.

11. Forest produce acquired by Right Holders in the exercise of their rights may not be sold, bartered or in any alienated nor may it be applied to any but the purpose for which it was acquired.
12. Trees for building purposes are not given when the Right Holders applying for them have already got a suitable building in reasonably convenient locality and of size sufficient for the requirement of a bonafide native agriculturalist holding the land to which the right appertains.
13. When trees are given for building purposes the building is to be constructed within the limits of the village where the cultivated land on account of which the trees are given is situated unless the contrary has been specially allowed.
14. All rights admitted are subject to the limitation that they may not be exercised to an extent that may endanger the existence of the forest over which the rights are admitted. If the existence of the forest is threatened, a limitation must be placed on the exercise of these rights and in that case the right of the Right-Holders shall be proportionate to the revenue assessed in respect of the land to which the right is appendent.
15. Right Holders may graze only their own cattle. They may not lease the grazing in the forests nor grazing dues nor allow other than Right Holders to graze in them.
16. Unagricultural residence may graze their cattle in the undemarcated forests under a license and on payment of the prescribed dues or fees provide that no right is thereby conferred and that the concession may be revoked at the pleasure of the State.

17. Whenever cultivated or grass land (Ghasni) assessed to revenue is included in the limit of any demarcated forests, all rights not provided for in this record which have hitherto been exercised over such land may continue to be exercised just as if the land were included in the demarcated forests.
18. All rights admitted are subject to the conditions that all Right Holders shall render every assistance in extinguishing any fire occurring in any forest within which so or not and in cases of willful neglect, the State may order that all or any rights in a forests damaged by fire be suspended for any period it considers proper.

Rules

1. Except where the contrary is stated the rules apply to the forests of both classes.
2. Grazing of cattle in demarcated forests in prohibited except by Right Holders in the exercise of a right admitted in the Record of rights, and is limited to the number and species there in detailed.
3. (1) No person other than the proprietors of cultivated land assessed to revenue and their agricultural tenants shall graze cattle in the undemarcated forests without the permission of the State either on payment or tree.
- (2) No such person shall graze in any undemarcated forests any cattle except cattle kept by them for their domestic or agricultural, not including pastoral purposes, provided that nothing in this rule shall prevent such proprietors and tenants from the grazing the number of cattle, sheep and goats bel ongoing to themselves which have been recorded in the Register of Rights.
4. Nothing in the preceeding rule shall prevent:

- a) Un agricultural residents from grazing their cattle in the undemarcated forests under a license and on payment of the prescribed dues provided that no right is thereby conferred and that the concession may be revoked at the pleasure of the State.
5. Right Holders shall not sell or lease their right of grazing in the forest nor give permission to others to graze.
6. The lopping, barking, cutting and removal of timber or trees in the demarcated forests are prohibited except by Right Holders in the exercise of a recorded right and subject to revision of these rules.
7.
 - i) Except as provided in Rules 8 no person other than the proprietors of cultivated land assessed to revenue and their agricultural tenants shall lop, bark, cut and remove timber of said trees in any demarcated forests.
 - ii) No such proprietor or tenant shall lop, bark, cut and remove timber of trees in any demarcated forests except for his own domestic or agricultural (not including pastoral) purposes, nor he shall so do for any purpose unless it falls under one of the lands in para 5 of the records Rights.
8. Except as provided in rule 17, no timber or trees may be lopped, barked, cut or removed, without a permit granted in accordance with these rules.
9. For the purpose of their rules trees are divided into two classes:-
 - Deodar
 - Chil
 - Ist class: - Kail
 - Oak
 - Rai
 - Akkrot.
 - 2nd class: All other trees and brushwood.

10. For the purpose mentioned in the following rules, may unmarked trees of the 2nd class may be cut by Right Holders under a written permit given by the Daroga of the State or other person specially authorized.
11. The Daroga of the State or other person especially authorized may give Right Holders permit to cut in the forests the tree mentioned in rule 10 for the following purposes to the extent of their actual requirements:
 - a) For fuel marriage forests
 - b) For fuel or funeral ceremonies
 - c) For making agricultural and domestic implements.
12.
 - a) Trees for building purposes may be cut underwritten permit granted by the Thakur Sahib on payment prescribed in the Record of Rights.
 - b) No fees shall be charged for trees granted for any other purposes.
13.
 - 1) Trees for building purposes will not ordinarily be granted more often than once in five years to any Right Holders but, on special application on the State and if special causes be shown as burning of the applicant's house or other misfortune, the State may grant trees at a shorter interval than five years to meet the actual requirements of Right Holders.
 - 2) Right Holders shall not be refused trees required for repairs for one building merely because they have received trees within 5 years for the construction or repair of another building.
14. When trees have been given for building purposes, the building shall be constructed within limits of the village where the cultivated land, on account of which the trees are given, is situated unless the contrary has been specially allowed.

15. All permits granted to Right Holders to cut trees (including brushwood) shall remain in force only for three months from the date of the permit or of the trees being marked whichever date is later, and if the trees are not removed from the forest within that period the permit shall lapse and the trees may not be cut or removed unless the permit is renewed by the authority that first granted it.
16. No permit is necessary for the doing by a Right Holders any of the following acts:
 - i) Removal of: - a) all dry fallen timber except Deodar.
b) Stumps of all kinds.
c) All dry standing trees of the 2nd class and dry standing chil.
 - ii) The lopping for fence, fodder, bedding and manure of any tree, except Deodar, provided that they are not lopped to more than half height and are not less than 18" (45 cm) in girth.
 - iii) The removal of climbers for domestic purposes.
 - iv) The cutting and removal for burning the dead to an amount sufficient for the purposes of any tree of 2nd class are not available; any crooked or unsound tree of 1st Class (except deodar) provided that information is at once given to the nearest forest official.
17. The removal of bark from green trees is prohibited.
18. It is prohibited to girdle or lop any trees and also to remove any wood for torched from deodar (dry or green standing or fallen) from any dry or green standing trees of the 1st Class except dry Chil.
19. No timber or trees acquired by Right Holders in the exercise of their rights may be sold, bartered or in any way alienated. Nor may such timber or tree be utilized for any other purposes than that for which they

were granted provided that nothing in this rule shall prevent the sale of fruit, flowers, medicinal and edible roots and leaves of climbers.

20. The felling and removal of timber and trees belonging to the state for proposes of trade shall be carried out in accordance with the provision of the working plan and subject to such rules as the Superintendent, Hill States, Shimla may issue.
21. Trees shall be given from the forest in which the applicant has a right, provided that trees required can be marked silviculturally in the forest. If this is not possible than the trees granted will be given from another forest as conveniently situated as possible for the purposes of the applicant in which the trees can be marked according to the demands of siliviculture.
 - i) Trees shall be given from the forest in which the applicant for a permit has a right. But if the grant of those trees would be injurious to that forest then the trees granted shall be given from another forest, which shall be conveniently situated for the purpose of the applicant, as the demands of forest conservancy and the requirements of the Right Holders will admit.
 - ii) Trees will not be granted in the demarcated part of a forest even though the applicant for a grant has a record at right thereto, if trees suitable for the applicants purpose are available in the Undemarcated part.
22. In the demarcated forests:
 - a) No un assessed forest land may be broken up or cleared for cultivation or for any other purposes.
 - b) No assessed forest land may be broken up or cleared for cultivation or for another purposes without consulting divisional forest officer, Shimla.

23. No land in the undemarcated forests may be broken up or cleared for cultivation or any other purposes without sanction from the Thakur Sahib. A list of Nautor thus sanctioned to be submitted annually along with the report on the working of Forests, to the Divisional Forest Officer, Shimla.
24. If the exercise of the rights as admitted in any forest would endanger the existence of the forests, the State in consultation with the Superintendent Hill States, Shimla may define any number or otherwise the aggregate exercise to which the right can safely be exercised over the forest and the extent to which each right holders in accordance with para 14 of the Record of Rights, is entitled to exercise the rights.

Sd/
Superintendent
Hill State, Shimla

Countersigned
Sd/
Assistant Conservator of Forests
Theog Forest Division Theog

APPENDIX –III (e)

Records of Rights of Balson State

Forest Settlement Report and Record of Rights and privileges Admitted in the Demarcated and Un-demarcated Forests of the Balson State.

The following is a translation of a Forest Settlement prepared by the Balson State officials and sanctioned by the Superintendent Hill Stats, Shimla in 1926. The record is not final, but serves a useful purpose as a basis for regulation the Rights in the Forests. The more harmful practices have been forbidden. It must be remembered that the Government of the State is patriarchal and that disputes are settled by the Rana personally and without written record.

FOREST SETTLEMENT REPORT TRANSLATION

Introduction

In 1903 a Working Plan, covering a period of 24 years, 1903-1926, for the Balson State Forest was prepared.

But when it was prepared no forest settlement report about rights and privileges enjoyed by the zamindars in these forests.

Now (1926) that the period of this plan as coming to an end, it is deemed fit that a Forest Settlement Report having complete details of the right and privileges enjoyed by the zamindars be complied.

This Forest Settlement Report shall be in force for the same period as that covered by the revised Working Plan to be prepared now.

The State reserves the right to modify at any time any of these rules when it thinks if necessary to do so.

1. In this State forests are of two classes, viz; (a) Demarcated and (b) Undemarcated or dehat forests.

(a) DEMARCATED FORESTS

First rights and privileges enjoyed in the demarcated forests will be dealt with.

A Right Holder is one who any land either as a proprietor or as mortgages. If any owner of cultivated or uncultivated land sells the whole to another he will loss his right of user in the forest and will be considered as non-right holder.

In all forests right of various parganna's are considered jointly. In no forest can villages of one single parganna's exercise right.

3. In the State the only non-right-holding permanent residents are shopkeepers.

No. Right Holders Permanent Resident

4. Gujjars (of other States) bring their buffaloes in the months of April or May for grazing for six months in Rai and Kharshu, Oak bearing areas, of the forests every year. They are not allowed to graze in any parts of forests other than Rai & Kharshu Oak bearing areas. Fees levied from them are:

Per Buffalo per session	Rs. 3/
Mule, bullock and cows, if any	free
Buffalo below 2 years age	

Similarly shopkeepers, whether residents of the State or not, can be allowed by the State Forest Officer, to graze their mules during the 'Chatti' period on the bare slopes of the Rai or Kharshu bearing areas of the demarcated forests on payment of Rs. 1-8-0(1.50) per mule per season.

5. Right are of two kinds:

- a) Which can be exercised without previous sanction of the Forest Officer.

- b) Which cannot be exercised without previous sanction of the Forest Officer.
6. In this State Undemarcated Forests are sufficient for meeting the Right Holders demand for building timber and accordingly Right Holders seldom require timber trees from demarcated forests. When any suitable tree is not available in the undemarcated forest near the village, tree can be given from demarcated forests, but in only small numbers. Fees charged for trees granted to Right Holders are as follows:

Sr. No.	Class of trees	Species of trees and Rate per tree						Remarks
		Deodar		Kail		Others		
		Rs.	P.	Rs.	P.	Rs.	P.	
I	6' (180cm) and over in girth at breast height i.e. 4'-6'' above ground	6	00	1	00	0	50	
II	4'6'' (135cm) below 6' (180cm)							

Non right holder permanent resident are not permitted to obtain any deodar and kail trees from any demarcated forests. Shopkeepers for building their shops etc. can be given Rai etc. from the demarcated forests at double the right holders' rates provided that no timber trees are available for the purpose from any conveniently situated undemarcated forests. In case any trees are granted from demarcated forests, period allowed for their removal shall not exceed one month (from the date and marking). In special circumstances, however, on verbal or written representation this period can be extended by some days. It shall be confiscated to State. Trees granted will be marked in April or October each year, alongwith the trees granted from undemarcated forests. Those two months are specially fixed for marking the trees for Right-Holders.

7. Agricultural implements are generally made from Broad Leaved trees of inferior species which the Right Holders can cut for their personal use and not for sale or barter, without the Forest Officers permission. Cutting such trees without

permission for sale or barter is an offence. For agricultural implements, Ban and Mohru Oaks also are sometimes required, but such trees the right holders cannot cut without the Forest Officers permission. No trees will be charged for any such trees when permission is applied and granted. Deodar and kail trees 2' (60 cm) or less in girth may also be cut free and without permission when such trees are needed for agricultural implements.

8. Zamindars require poles 14' (4.2m) or 15' (4.5m) in length and 18" (45 cm) in girth (at the thick end) for poles for hay rocks for stacking hay for winter. They are allowed to cut such poles in demarcated forests if such are not available in the undemarcated forests where they have right for the same.
9. If the zamindars cannot find stones in any conveniently situated undemarcated forest for building or repairing their homes, they can be allowed to quarry stones in demarcated forests on application, free or any fees.
10. Charcoal is made from Ban, Mohru and Kharsu, Oaks. Tree of these species are found in the demarcated forests in the State. No green standing oak can be granted for burning charcoal; and wind fallen or broken tree may, which the permission of the Forest Officer, he burnt into charcoal by the zamindars free of charge, if requirement is for sale, followed fees are charged:

			Amount of fee	
		Rs.	P.	
For trees 1' to 6' (180 cm) in girth	----	---00	4	0 (25P)
For tree 6' (180cm) to 10' (300cm) in girth	----	--- 0	8	0 (50p)
over 10' (300 cm)	----	--- 0	0	0 (1.00)

2. Charcoal required for manufacture and repair of agricultural implement is made from Kail etc. In case there be no undemarcated forests where from demands of timber for such Charcoal can be met, a tree of less than 3' (90 cm) girth can be granted or the lopping of any tree considered by the Forest Officer, to be harmful to advance growth occurring under it can be allowed by the State Forest

Officer free of any fees if the charcoal is required by the right holders for personal use and not for sale. Charcoal kilns should be made in Khad or Nala and nowhere else.

11. Sheep and Goats, cows and bullocks kept for domestic and agricultural purpose are allowed to graze in all demarcated forests in which their owners have grazing rights provided that villagers of 3 or 4 villages do not join and graze their cattle in flocks or herds of 100 or more animals. They are not allowed to graze in herds or flocks in the deodar and kail bearing areas, especially where regeneration is in progress. In this State zamindars are not accustomed to graze their cattle in flocks or herds. Buffalo grazing is strictly prohibited in all the deodar and Kail bearing areas in the demarcated forests. They can be grazed in Rai, Tosh and Kharsoo bearing areas. The State Forest Officer, which the previous permission of the State or other competent authority, is empowered to close for a limited period to grazing of all kinds, any part of demarcated forests where natural or artificial regeneration is in progress and grazing is considered to be harmful to the proper development of the young regeneration. Grazing in the cases of right holders, when and where allowed, will be free.
12. Zamindars of the State are not prohibited from cutting grass from the demarcated forests. Most of them have their ghasnis or grass land in the demarcated forests. Without supplementing their fodder supply by cutting grass from such ghasnis they cannot feed their cattle in winter. No fees are levied for such grass cutting. Only part of such ghasnis, when and where required for sowing and planting purposes can be closed to such grass cutting for a limited period of time. When any ghasni occurring in a demarcated forests is not a possession of any zamindar, it can, with the sanction of State or Competent authority, be closed to grass cutting wholly or partly when it is required for sowing or planted purposes or when it is thought fit to stop such grass cutting to protect the young natural regeneration against its being cut alongwith the grass for any required time.
13. (A) Lopping of Deodar and Kail tree for any purposes whatever is strictly prohibited. Trees of these species marked for felling may, however to lopped with the previous permission of the Forest Officer.

- (B) Rai and Brahmi (yew) tree, bark of which is used for dye are sold to shopkeepers and Ban and Mohru oaks, leaves of which are used for fodder, can be lopped to half of their heights without permission of the Forest Officer.
 - (C) All broad leaved trees, of inferior species, can be lopped without permission to any extent and for any purposes.
14. In the absence of any undemarcated forests one tree of Deodar or Kail species of less than 3' (90cm) in girth in each case may be cut in the nearest demarcated forests for burning the dead without any permission, provided the local Forest Guard is informed of such cutting, as soon as possible after such cutting. In the case of a fallen or uprooted tree, no limit of girth is fixed (when required for this purpose).
 15. Zamindars may cut the following wood for fuel without any permission:
 - a) All fallen (dry and green) and all dry standing deodar and kail trees less than 3' (90cm) in girth and unsuitable for building purposes.
 - b) All dry standing or fallen, and all fallen green trees or any species other than deodar and kail.
 - c) Dead branches of all trees.
 16. In demarcated forests no nature is or can be permitted under any circumstances. Old cultivations existing in the demarcated forests before the demarcation of these forests are demarcated on ground by dacche pillars and no extension is allowed beyond these boundaries.
 17. Zamindars are allowed to take their kuhls through the demarcated forests for any purpose free of any fees.

18. It is strictly prohibited to burn in the dead in demarcated forests (in future). One of the foremost duties of the Department is to stop the use of the existing burning ground occurring in the demarcated forests.
19.
 - a) Removal of bark from Rai and Ban Oak trees for tanning purposes will be allowed free of any fee, but no trees shall be barked above 4' (120cm) height and more than half of its circumference.
 - b) Extraction of deodar oil deodar oil is generally extracted from the felled deodar stumps. This custom has been allowed to be continued free of any fee.
20. All state requirements may be satisfied from demarcated forests and no special restriction can be laid to govern such demand supplies.
21. Shooting is strictly prohibited in the demarcated forests.

b) **Undemarcated Forests: Rule about the regulation of rights in the Undemarcated Forests:**

Nearly all the rules as are in force in the respect of demarcated forests are applicable to undemarcated forests with the difference that in some demarcated forests zamindars have no rights even where there are little or no undemarcated forests. Zamindars have all sorts of rights everywhere. Without forests Officers permission cutting of any green trees of any species, burning of charcoal, shooting, digging up land for cultivation or lopping of any green standing tree is an offence, but on application, permission to allow such acts cannot be refused. There are no restrictions for grass cutting, taking kuhl through undemarcated forests, cutting wood for burning the dead, marking a burning ground and cattle grazing, in the undemarcated forests.

As there has been no land revenue settlement in the State, no zamindars can be considered an owner of any forest tract or any tree standing on any ghasni or cultivated land till the settlement is done and the zamindar is declared as in such settlement.

At present, in respect of trees standing in their cultivated or uncultivated or ghasni lands, zamindars have only this concession that the Forest Officer cannot mark such trees without the Forest Officers permission and payment of ordinary fee for their personal use or sale. Ban and Mohru Oak trees occurring in the vicinity of villages and not owned by the State are supposed to be the property of villagers and accordingly are allowed to be cut without any permission or fees. State may mark thinning and improvement fellings in any demarcated forests from which very few of no timber trees are taken by zamindars and dispose of such tree by sale after satisfying the demands of the neighboring villages, provided that the Forest Officer considers such marking necessary for improving the existing stock of such forest and disposing of the superfluous stock, if any.

Translation by the Bhai Dalip Singh, Extra Assistant Conservator of Forests, May, 1927.

Schedule or Rights of Zamindars in the Demarcated Forests of Balson State

Name of Forests	Name of Pargana	Detail of rights exercisable with permission							Detail of rights exercisable without permission													
		Timber or agri. implements	Bldg. timber	Timber for Cal Cha to pole to hay ricks	Timber for water	Timber for Temples	Stone quarry	Wood for fuel	Cow, Bullock	Ship and Goats	Buffaloes	Ghasni under possessions	Other Ghasni	Green Leaves	Dead Leaves	Lopping for fodder of Ban, Mohru Kharsu Oaks	Wood or tree burning the deads	Right of way	Dry Standing fallen wood	Green Shrubs and Bushes	Cultivation of fields	Kuhl for irrigation
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Bawar	Nauti	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-	Yes	-	-	-	-
Jearna	Kishour	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-	Yes	-	-	-	-
Deha	Mandil	Yes	Yes	Yes	Yes	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Deha	Shillo	Yes	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Chandni	Chandni	-	-	Yes	-	Yes	Yes	Yes	Yes	Yes	-	-	-	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Remarks: In this schedule 'Yes' signifies the right mentioned in the columns in which the word 'Yes' is jotted is admitted in the forest noted in the Column I in favour of the zamindars of paragraph or paragraphs noted in column No. 2 opposite its word 'Yes'																						
Deha	-	Yes	-	Yes	-	-	-	Yes	Yes	Yes	-	-	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Barog	Khatneor	-	-	-	-	-	-	-	Yes	-	-	-	-	-	-	-	-	Yes	-	-	-	-
Ghorna	-	Yes	-	Yes	-	-	-	Yes	Yes	Yes	-	-	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Doba	-	-	-	-	-	-	-	Yes	Yes	Yes	-	-	Yes	-	Yes	-	-	Yes	Yes	Yes	-	-
Ghorna	-	Yes	-	-	-	-	-	-	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	-	-	-
Doba	-	-	Yes	Yes	-	-	Yes	Yes	Yes	Yes	-	-	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	Yes
Dechhah a	-	-	-	Yes	-	-	-	Yes	Yes	Yes	-	-	-	-	-	Yes	-	Yes	Yes	-	-	-
Kufta	Pachhad	-	-	Yes	-	Yes	-	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	-	-	Yes
Kadhara n	-	Yes	-	-	-	-	-	Yes	Yes	Yes	-	-	-	-	Yes	-	-	Yes	Yes	Yes	-	Yes
Khagna	-	Yes	-	-	-	-	-	Yes	Yes	Yes	-	-	-	-	Yes	Yes	-	Yes	Yes	Yes	Yes	Yes
Chadah a	-	Yes	-	Yes	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	Yes	-
Lakhoti	-	-	-	-	-	-	-	-	Yes	Yes	Yes	-	Yes	-	-	-	-	Yes	-	-	-	-
Sujna	Dhar	Yes	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Chambi	-	Yes	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Kohlu ka nal	-	-	-	Yes	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	-	Yes	-	-	Yes	Yes	Yes	-	-
Kalna	-	-	-	-	-	-	-	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	-	-	-
Lohaha	Dhar	-	-	-	-	-	-	Yes	Yes	Yes	-	-	Yes	-	-	-	-	Yes	Yes	Yes	-	-
Majhela	-	-	-	-	-	-	-	Yes	Yes	Yes	-	Yes	Yes	-	Yes	-	-	Yes	Yes	-	-	-
Chadren	-	Yes	-	-	-	-	-	Yes	Yes	Yes	-	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Duchha ha	-	Yes	-	Yes	-	-	-	Yes	Yes	Yes	-	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Chadah a	-	Yes	-	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Lakhoti	-	Yes	Yes	Yes	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	Yes	-
Chilla	-	-	-	-	-	-	-	Yes	Yes	Yes	-	Yes	Yes	-	Yes	-	-	Yes	Yes	-	-	-
Majhail a	-	-	-	-	-	-	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes	-	-	Yes	Yes	Yes	-	-
Doba	-	Yes	Yes	-	-	-	-	Yes	Yes	Yes	-	-	Yes	-	Yes	-	-	Yes	Yes	Yes	Yes	Yes
Doba	Dharti	Yes	Yes	-	-	-	-	Yes	Yes	Yes	-	-	Yes	-	Yes	-	-	Yes	Yes	Yes	Yes	Yes
Majhela	-	-	-	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	Yes	-	-	Yes	-	Yes	Yes	Yes	-	-
Chadren	-	Yes	-	-	-	-	-	Yes	Yes	Yes	-	-	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	Yes
Dhar	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes	-	Yes	Yes	Yes	Yes	-	-
Bhajrwa	Dobal	Yes	-	-	-	-	-	Yes	Yes	Yes	-	-	Yes	-	Yes	-	-	Yes	Yes	Yes	-	-
Shirgul	-	Yes	-	-	-	-	-	Yes	Yes	Yes	Yes	-	-	-	Yes	-	-	-	Yes	Yes	-	-
Bhagrw a	Nathgaon	Yes	-	-	-	-	-	-	-	-	-	-	-	Yes	-	Yes	-	Yes	Yes	Yes	-	-
Biran	-	Yes	-	-	-	-	-	Yes	Yes	Yes	Yes	-	-	-	-	-	-	Yes	Yes	Yes	-	-

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
Biran	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	Yes	Yes	Yes	-	Yes	-	-	Yes	Yes	Yes	-	-
Koti	Shila Gaon	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	-	Yes	-	-	Yes	-	Yes	Yes	Yes	-	Yes
Kachalili	-	Yes	-	-	-	-	-	Yes	Yes	Yes	-	-	Yes	-	-	-	-	Yes	Yes	Yes	-	-
Shirgal	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes	Yes	-	Yes	Yes	Yes	-	-
Kathim	Lahila	-	-	-	-	-	Yes	Yes	Yes	Yes	-	-	Yes	-	Yes	-	-	Yes	Yes	Yes	-	Yes
Hara Raitha	-	Yes	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	Yes
Drabala	-	Yes	-	-	-	-	-	Yes	Yes	Yes	Yes	-	Yes	-	-	Yes	Yes	Yes	Yes	Yes	-	-
Shirgal	-	Yes	Yes	-	-	-	Yes	Yes	Yes	Yes	Yes	-	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Kathim	Hagaithi	-	-	-	-	-	Yes	Yes	Yes	Yes	-	-	Yes	-	-	Yes	-	Yes	Yes	Yes	-	Yes
Deora Nal	-	-	-	Yes	-	-	-	Yes	Yes	Yes	-	-	-	-	-	-	-	Yes	Yes	Yes	-	-
Kamhali	-	Yes	Yes	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Kamhali	Dhango	Yes	Yes	-	Yes	-	Yes	Yes	Yes	Yes	-	-	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Kamhali	-	-	-	-	-	-	-	Yes	Yes	Yes	-	Yes	Yes	-	Yes	Yes	-	Yes	Yes	Yes	-	-
Bedar	Dharonk	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paul Ke Niche	-	Yes	-	-	-	-	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes	-	-	Yes	Yes	Yes	-	Yes
Katach	-	Yes	-	Yes	-	-	Yes	Yes	Yes	Yes	-	Yes	Yes	-	Yes	-	-	Yes	Yes	Yes	Yes	Yes

APPENDIX – III (f)
Rules for the Management of Ghund State Forests.

- (a) In the record “Demarcated Forests” means the areas specified in the detailed records of rights under the heading Demarcated Forests.
- (b) “Undemarcated Forests” means waste forest land other than demarcated forests. The following are the demarcated forests:
 - 1. Kalala
 - 2. Bar
 - 3. Forest which are called Nao, Badar, Meharobani and Panelti.
- (c) Waste forest land means generally waste land under trees on which no revenue is assessed but includes land assessed to revenue which, though once cultivated, has remained uncultivated for a period of less than 7 years.
- (d) Right Holders means a person entitled to all or any of the rights for which provision is made in this record. No one but a proprietor or agricultural tenant of land assessed to revenue or hereafter brought under cultivation and assessed to revenue with the sanction of the Superintendent, Hill States, can be Right Holder.

 The right of Right Holders are only right of user and can only be exercised for bonafide agricultural and domestic not (including pastoral) purpose and only on behalf of the right holders own cattle.
- (e) Timber and cattle have the same meaning as defined in the Indian Forest Act, VII of 1879.

- 2. The following constitute the full rights of right holders:
 - 1. To graze their own cattle.
 - 2. To obtain trees and timber.

- (a) For agricultural implements and domestic utensils:
 - (b) For the construction and repair of temples dwelling houses, agricultural and domestic, buildings and workshop for wood work.
 - (c) For fuel for marriages and cremation.
 - (d) For charcoal required for the manufacture and repair of agricultural and domestic implements.
3. To take the following forest produce:
- (a) Grass of every kind.
 - (b) Dry wood for fuel and charcoal.
 - (c) Brushwood and loppings for fodder and manure, fallen leaves for manure and other purposes, fruits, flowers and medicinal and edible roots, leaves of trees for tanning, stumps, surface stone and slate, leaves and bark of the climbers.
3. All rights for which provisions is made in the record are for right holders only.
4. The rights which may be exercised by right holders are those which are specified in column No. 4 of the detailed "Record of Right". Any right not entered in this record or for the exercise of which there is no species are general provisions in these rules, must be regarded as prohibited.
5. Proprietors and agricultural tenants of cultivated land assessed to revenue in the villages entered in the record may exercise in the un-demarcated forests all or any of the rights mentioned in paragraph 2 which they are entitled, provided that those rights shall be exercised subject to the limitations and conditions laid down in these rules.
6. Unless stated to the contrary these rules apply to the forests of both classes.
7. The right holders do not require any permit for exercise of the following acts.
- (a) To graze his own cattle according to the rules hereinafter mentioned.
 - (b) To cut and remove stumps of all kinds dry, standing edible leaves for training (except deodar) bark of dry standing or fallen wood, surface stones and slates, leaves and bark of climbers.

(c) Lopping for fodder, litter, manure or for fences of any trees (except standing deodar which is not growing on right holders own land) provided that no tree shall be lopped to more than half its height nor shall any tree be lopped which is less than one foot (30cm) in girth at chest height.

8. For purposes of cremation trees of any kind, except deodar may be cut to the extent actually required without a permit fee.
 - (a) From private land.
 - (b) From undemarcated forests.
 - (c) From demarcated forests if no tree are available in any suitable place.

Provided (i) that the nearest official is informed of it at once and also provided (ii) that deodar can be cut from cremating the nearest relatives of the Chiefs family.

Note:- Provided (i) was in vogue in Koti but not in Darkoti. Proviso (ii) has been framed because several right holders claimed deodar trees for burning their dead. It was therefore essential to lay stress on the condition that deodar should only be given for burning the dear of the Chiefs family.

9. Except in so far as laid down in the two preceding rules one can cut and remove timber or trees lop or peel for the break of trees without a permit as required under these rules for the demarcated and undemarcated forests or from waste and cultivated lands.
10. An application to obtaining such a permit shall be given to the forest guard in whose beat such trees are situated. He will submit it through the Range Officer, Kotkhair to the Divisional Forest Officer, Theog who shall have the power of issue the permit. The purpose for which timber is required shall be clearly stated in the application.

Note:-This is a new rule there is no mention in Darkoti State Forest Rule as to how a permit is to be obtained. It has therefore been thought fit to frame clear and definite rule regarding it.

Note:- Since 1920 the Superintendent, Hill State has authorized the Thakur to make grant a tree to Right Holders.

11. The following fees will be payable by right holder for permit to cut green trees from demarcated and undemarcated forests.

Deodar (if given)	1 0 0 (Rs. 1 per tree)
Kail	0 4 0 (25P per tree)
Other tree	0 2 0 (12P per tree)

No fees will be charged for trees given from private land and none for trees given for the following purpose from any class of forests.

- 1) Timber for construction and repair of temple.
- 2) Wood for cremation of the dead.

Permit must be obtained for all such purpose except for cremation.

Note: Although there is not specific mention in the rules of Darkoti and other state, but there is customary to grant timber free of charge for temples.

12. As a rule, Deodar will not be given when trees of other species are available for the requirement in view and can be had in a convenient locality.
13. Trees shall be given in the forests in which the application has a right holder to trees provided that, when the superintendant Hill States Shimla is satisfied on the report of the forest officer, that the cutting of the trees in that forests would prove injurious to its due conservancy, the trees may be granted in other forest which be as conveniently situated for purpose of the application as the demand of forests conservancy and the requirements of the right holders admits.
14. Trees will not be given in demarcated forests even thought the application has a recorded right to obtaining them from such a forest will trees conveniently situated and suitable for the applicants purpose are available an undemarcated forests or in his private land.

15. Trees for building purposes will not be given when the right holders applying for them possess a suitable building in a reasonably convenient locality and of a size, sufficient for the requirements of a bonafide native agriculturist holding the land to which the right appertains.
16. Trees for building purposes will not be ordinarily be granted to any right holder at intervals of less than 5 years but on special application the Forest Officer and for the special reasons shown, such as the burning of the applicants house or damage by other calamities, the Forest Officer may grant trees at a shorter interval than 5 years to meet the requirement of the right holders.
17. Right Holders shall not be refused trees required for the repair of one building merely because they have received tree within 5 years for the construction or repair of another building.
18. When trees have been given for building purposes, the building must be constructed within the limits of the village where the cultivated land, on account of which trees are given is situated, unless permission to the contrary is specifically allowed.
19. All permits granted to cut and remove trees shall remain in force only for six months from the date of issue of the permit or from the date of marking trees, whichever is later.

If the trees are not removed from the forest within this period, the permit shall lapse and the trees may not be cut or removed unless the permit is renewed by the authority.

Note:- The period of permit in Koti and Darkoti Forest Rules is three months while in other places such as Bushahr it is one year.

20. A spur to the West of cremation ground in Kalala demarcated forest No. 1 is closed to grazing. No grazing will be allowed within the limits of this area except in exceptionally dry years with the permission of the superintendent, Hill

States, Shimla. Notwithstanding this, the right holders are not allowed to exercise the following light in the protected area:

1. To cut grass and shrubs.
2. To remove dry wood and fallen leaves and to collect flowers, fruits and medicinal and edible roots and leaves.
3. To remove bark of fallen wood and stumps, surface stones and slates.

Note:-This is a special rule. No compartment was closed in Darkoti; 17 years ago orders were issued to close this portion. That order is still in force although it was not fully complied with. The Forest Officers have pointed out that, if possible, this area must be closed and the area adjacent to it should be left undemarcated, it has been closed and neither the state nor the right holders have raised objection.

21. Right Holders are permitted to graze their cattle in the last of the demarcated forests by virtue of their recorded right.
22. No person other than the proprietors of cultivated land assessed to revenue and their agricultural tannants shall graze cattle in any demarcated forests and undemarcated forests except cattle kept by the them for their own domestic and agricultural (not including pastoral) purposes, provided that nothing in this rule shall prevent such proprietors and their tenants from grazing any number of cattle belonging to themselves.
23. The removal of Bark from green trees is prohibited.
24. The mark on a stump must not be removed when it is cut for torch wood or for any other purpose.

Note:-This new Rule has been added on the experience gained in Darkoti State.

25. To girdle a tree and to remove wood for torches from green Kail and standing Deodar, whether green or dry, is prohibited.

Note:-Rules for Darkoti mention only Deodar, but in the opinion of the Deputy Conservator of Forests, Kail should also be included.

26. No land shall be broken up or cleared in demarcated forests for cultivation of the Superintendent, Hill States, Shimla, nor can any land which remain uncultivated for 7 years be re-cultivated without the permission of the aforesaid authority.
27. No land can be broken up or cleared in un-demarcated forests for cultivation or for any other purpose.
28. No trees, timber or forest produce acquired by the right holders in the exercise of their right can be soled, bartered or alienated in any way, nor can such trees, timber or forest produce be applied to any purpose other than that for which they were acquired, provided that nothing in this rule shall prevent the sale of fruits, flowers, medicinal or edible roots and leaves of climbers.
29. The felling and removal of timber and trees belonging to the state for purpose of the trade, and the granting of licenses to fell and remove such trees and timber for such purpose and the payment to be made in respect there of shall be at the discretion of the Forest Officer acting under the control of the Superintendant, Hill States, Shimla.
30. The Forest Officer shall not fell or remove trees nor grant license for their felling or removal to an extent that will interfere with the requirements of the right holders.
31. Agricultural tenants entitled to trees for building or agricultural or domestic purpose shall receive such trees through the proprietors under whom they hold the land.
32. All rights admitted are subject to the limitation that they may not be exercised to an extent which will prove injurious to the forest in which they are admitted. If

the exercise of any right appears at any time, in the opinion of the Forest Officer, to be injurious to the conservancy of any forest, he may with the sanction of the Superintendent, Hill States, Shimla, restrict the exercise of such rights in such manner and to such an extent as he may deem necessary.

33. All the rights admitted are subject to the condition that all right holders will render every assistance in extinguishing any fire occurring in any forest wherein they exercise rights weather they have been called upon to do so or not, and in cases of willful negligence, the Superintendent, Hill State Shimla may order that all or any rights in a forest damaged by fire shall be suspended for such period as he may consider proper.
34. Any person infringing any of the rules herein for framed shall be liable to punishment under Act, VIII. (Indian Forest Act of 1978).
35. Nothing in these rules shall prevent the Superintendent Hill States, Shimla from rescinding, modifying or adding to these rules as he may think fit.

True Translation,
Divisional Forest Officer,
Working Plan Division,
Khalini Shimla-171002.

Appendix-III (g)

A. Abstract of record of rights of Kotkhai Illaqua

Name of Forest	Description of Right Holders	Parts of Forest open to exercise of rights	Description of Right		Grazing No. of Cattle (Cow & Bullock)	Grass Cutting and Fodder	Right of way
			Timber	Firewood			
1	2	3	4	5	6	7	8
Rantu	The inhabitants of village Dalsar & Shillu, Batali, Bakneol, Dhanroti, Dhartu, Satahi, Maneol, Pandrog, Ahambolat of Purag	The whole forest excepting ant part not exceeding half the area closed by the Deputy Commissioner	a) To be supplied with trees required for building and repairing for the felling of such special sanction is required. b) To cut tree of charge their houses for but only after a special sanction small tree required for hayrick poles. c) To cut small tree required for making their agri. implements	To lop plan to make charcoal for their own agricultural implements.	293	To cut grass and under wood. 2. To cut leaves from Ban and Mohru their right extent always to the whole forest.	Sufficient road and excess to be allowed.
-	--Do--	The whole forest	-	To cut Underwood and remove	-	-	--Do--
Saliana	The inhabitants of the village Saliana, Punjali and Mandrihari	As per Rantu	As per Rantu	Dry Fallen Wood as in Rantu	140	To cut grass and to lop Ban and Dry fallen wood	Sufficient road and excess to spring to be allowed.
-	--Do--	The whole forest	-	--Do--	-	As in Rantu	--Do--
Tomru	The inhabitants of villages Tahu, Kathandli & Dawwandri	As for Rantu	The rights prescribed under heading (a) and (b) in this column for Rantu not available.	To cut under wood and to remove dry wood	450	As in Rantu	--Do--
Chambi-Kupar	The inhabitants of the villages Chaithla, Badrihana, Dumbihar, Kuhli, Jalthar, Kot, Chailnair, Bag Jalath, Kulmhu, Chhajauli, Chewar, Kuri-Mohli, Shaun, Garal	--Do--	As in Tomru	As in Tomru	845	--Do--	--Do--
-Do-	The inhabitants of Ghassigaon and Khorwi Village.	--Do--	-	As in Tomru	-	--Do--	--Do--

Kalala	The inhabitants of the villages Kith, Kurtu, Rukhala Nagindri, Nohra, Kiari, Halai, Jajel, Gauhi, Nali, Bhuila, Dilwi, Majholi, Charol, Bareon, Baihar.	As per Rantu	As in Rantu	a) As in Tomru b) To be supplied Underwood free of charges with suitable for use as timber obtained from thinning is to be made annually for this purpose	850	As in Rantu	--Do--
	The habitants of Purag Village	Thakur-ka-Kalal	-	As in Tomru. Underwood and drywood	-	-	--Do--
Kalala	The Devta Temple of Deori, Chambi in BAreun, Mahadeo in Purag and Nag in Chadiana	Any part of the forest	To be supplied free of charge with timber required for repair of temple. ...	-	-	-	--Do--

B. Concessions granted in addition to the right record at Settlement

Name of Forest	Village to which the concession have been granted	Nature of the concession	No. of Cattle	Order granting the concession
1	2	3	4	5
Rantu	Kailwli, Kaku, Bagra, Chho, Bakneol, Dhanroti, Dhart, Stahi	To participate in all rights.	All	Deputy Commissioner order dated the 28 th October, 1892.
	Pandrog	To obtain tree for burning corpses Trees for building purposes	-	-
Saliana	Galera and Maturi	Trees for burning corpses		Deputy Commissioner order without date
Tomru	Tharola and Balog	Firewood and Brushwood	-	Deputy Commissioner order dated the 25 th February, 1896.
Chambi-Kupar	Pungrish, Kothali, Baghar, Parsholi, Jauni, Shoshan, BarwiMarhatu, Raoni	Fuel the six letter village if they are not allowed fuel from Darkoti State	-	Deputy Commissioner order dated the 28 th May, 1894.
		Alternation in settlement provision regarding iron forest approved of.	-	Conservator No. 1687 dated July, 31 st 1908.
	Jauni	Grazing and grass cutting rights in triangular area boundaries by pillar No. 273, 274 & 275.	-	-
Kalala	Kiari, Janol, Halai, Nali Gani Kaneleta, Charol, Jashloan, Bhula, Majholi, Charol, Diwi, Bareun, Panog, Kailmu, Naibra, Ori, Purag, Rukhala	To take tree from of charge for burning corpses	-	Commissioner letter No. 146 dated the 24 th July 1890.
	The people generally	To remove slates from the quarried for their own use, but not for sale after obtaining sanction.	-	D.C. order dated 23 rd June, 1894.
	All Right Holders	To cut grass in parts closed to grazing	-	D.C. order without date.
Bareon	Bareon	To graze cattle in compartment 5 (a) after the rains 22 (acres).	All	-
	Kaimli, Kanleta - cum- Jhashlaon, Kamali	To obtain timber for building purpose and firewood.	-	Commissioner order dated 5 th June, 1890.
	Ori Purag and Dhanroti Ori	To participate in all rights	-	-

		To obtain timber trees for building purpose on payment of fee 25% in excess of the rate fixed for right holders	-	May be withdrawn by order of the Conservator and subject to availability after meeting the reasonable requirements of right holders.
	Panog	To collect for firewood dry fallen wood un-suitable for use in building timber on taking out and individual permits for the month of October to December on payment of annas 4 person per season. If no fallen wood in available as far as no possible 4 th , 5 th & 6 th class trees will be marked in clearing for the purposes.	-	May be withdrawn by the order of the conservator and subject to availability after meeting the reasonable requirements of right holders renewal every year.
	Purag	Timber: As for Ori Villagers	-	As above
	Kalala and Ghasi Gaon, Chambi-Kupar	To obtain timber trees for bldg. purposes from Kalala and Chambi-Kupar forests on payment of fee 25% in excess of the rate fixed right holders.	-	As above

APPENDIX-III (h)

A. DARKOTI FOREST MANAGEMENT RULES

General Provisions

- a) In the record of right demarcated forests means the area specified in the detailed record of right under the heading demarcated forests.
- b) Un-demarcated Forests means waste forests land except the demarcated forests.
- c) Waste land means generally waste land under trees upon which no revenue is assessed but includes also the land assessed to revenue which though once cultivated has lain un-cultivated for a period of 7 years or more.
- d) Right holders means a person entitled to any or all of the rights for which provision is made in this record.

One cannot be a Right Holder who is not either tenant or owner of the land assessed to land revenue; or of the land brought under cultivation upon sanction accorded by the superintendent Hill States Shimla and assessed to land revenue.

The rights of Right Holders are only that of user and are meant for purely agricultural and household purposes. These do not include the requirements of the cattle kept for commercial purposes, but only for right holders own cattle.

- e) Timber and Cattle have the same meaning as in the Indian Forest Act of 1878.
2.
 1. **Right of Right Holders**
To graze their own cattle.
 2. To obtain trees and timber for the under mentioned purposes:
 - a) For agriculture implements and domestic utensils.
 - b) For the construction and repair of temples, dwelling houses, agricultural building and wood works.

- c) For fuel for marriage and funeral ceremonies and cremation of the dead.
 - d) For charcoal to be used in the manufacture and repair of agricultural and household implements.
3. To take the following articles of forest produce:
- a) Grass of all kinds.
 - b) Dry wood for fuel.
 - c) Brushwood lopping fodder and manure fallen leaved for manure and other purposes, fruits flowers medicinal and edible roots and leaves, trees leaves for dyeing, standing or fallen tree bark for tanning, stumps, surface stones and slate sand, leaves and bark of climbers.
4. All right for which provision is made in the record are rights only of user.
5. The rights enjoyable by right holders within demarcated forests are these the specification of which has been made in Column No. 4 of the detailed entries of rights. No right which has not been included in this record and for the exercise of which no general or special provision has been made in these rules will be admitted.

The proprietors and agricultural tenants of cultivated land assessed to land revenue in the villages recorded in this record may exercise in the undemarcated forest all or any of the rights mentioned in para 5 to which they are now entitled, provided that those rights shall be exercised subject to the limitations and conditions laid down in this record.

6. These rules apply to both kind of forest (demarcated and undemarcated) unless contrary is stated in them.

C. FUELS REGARDING TIMBERS

7. Trees for building purposes are not given when the right holder apply for them has already a suitable building in a reasonably convenient locality and of size

sufficient for the requirement of a bonafide native agriculturist holding the land to which the right appertains.

8. Trees for building purposes will not ordinarily be granted more than once in five years but on special application to the Forest Officer and for special cause shown, such as occurrence of fire or any other calamity to the building; the Forest Officer may grant trees at a shorter interval than 5 years to meet the actual requirement of a right holder.
9. Right holders shall not be refused trees required for the repair of the building merely because they have received trees within five years for the construction or repair of another building.
10. When trees have been given for building purposes, the building shall be constructed within the limits of the village where the cultivated land on account of which the trees are given is situated, unless the contrary has been specially allowed.
11. The felling and removal of timber and trees belonging to the state for purposes of trade and granted to the State, for purposes of trade and grant of licenses to fell and remove such tree and timber for these purposes, and the payment to be made and received in respect thereof, shall be at the description of the Forest Officer acting under the control of superintendent of Hill States.

The Forest Officer shall not fell or remove such trees or timber nor grant licenses for their removal to an extent that will interfere with the due supply of the requirement of the right holders.

Trees shall be given in a forest in which the applicant for a permit has a right to trees provided that when S.H.S. has decided, on the report of the forest officer, that in the then state of their forest the cutting of trees there would tend to its destruction, trees granted in that case shall be given in another forests, which shall be as conveniently situated for the purposes of the applicant as the demands of forest conservancy and the requirements of the right holders will admit.

Trees will not be granted in the demarcated forest even though applicant for a grant has recorded right to obtain trees in that forest provided that trees conveniently situated and suitable for the applicants purpose are available in the un-demarcated forest or in his own proprietary land.

Deodar will only be given in case the trees of other species suitable to the requirements are not found in a conveniently situated place.

The right holders shall be charged for permitting to cut green trees from demarcated and un-demarcated forest on the following fee:

Deodar	@ 1/- per tree
Kail	@ 4/- per tree
Other Spp.	@ 2/-per tree

D-Grazing Rules

Grazing in the demarcated forests is prohibited except for the right holders whose rights have been admitted in these rules.

Except proprietors and their tenants of the cultivated lands assessed to the land revenue, no other person shall be entitled to graze his cattle in the un-demarcated forests and nor shall these right holders graze any other cattle kept for commercial purposes, than those kept for their bonafide, domestic and agriculture purposes provided that nothing in this rule shall prevent such proprietor and tenants from grazing.

In these rules nothing shall prevent the grazing by gujjars in the demarcated and un-demarcated forests on payment of prescribed fee provided that no right is established by such permission and this concession can be cancelled at the discretion of the Superintendent, Hill, States.

E. RESTRICTIONS

20. The lopping, barking, cutting and removal of timber of trees in the demarcated forests are prohibited except by right holders in the exercise of recorded rights

and as provided in rules No. 27 & 28 and subject to permission granted by the Forest Officer under the provision of these rules.

21. Except as provided in rule No. 28 the felling of green trees of the following species in the demarcated/un-demarcated and private lands is prohibited without prior sanction of the Forest Officer.
22. The removal of bark from green trees is prohibited.
23. It is prohibited to griddle or tap any trees and also to remove any wood for torches from Deodar (dry or green) standing trees.
24. In the demarcated forests no land may be broken up for cultivation or for any other purposes.
25. No land in the un-demarcated forests may be broken up or cleared for cultivation or for any other purposes without the sanction of the Superintendent Hill States.
26. No timber or tree acquired by right holders in the exercises of their rights may be sold, bartered, or in any way alienated, nor may such timber or tree be applied to any but the purpose for which it or they were acquired provided that nothing in this rule shall prevent the sale of fruits, flowers, medicinal and edible roots and leaves of climbers nor the sale under a permit granted by the Forest Officer, of dry fallen wood only for fuel.
27. No permit is necessary for doing the following acts by a right holder:
 - a) Cutting and removal of brushwood; all kinds of stumps standing or fallen wood except standing Deodar, bark of dry standing and fallen trees; surface stones and slates, leaves and the barks of the climbers.
 - b) Lopping for fodder, litter, manure and hedge, except Deodar, provided that no lopping will be done more than one half of a tree, which is less than 1' (30cm) in girth at breast height.

28. For cremation purposes all kinds of trees, except Deodar, can be cut without permission, according to the actual requirement, from the private lands, undemarcated forests and demarcated forests in case there are no trees available at other suitable locality.
29. The Gujjars entitled to graze their cattle under rule 17 can collect dry wood fallen wood fit only for firewood and lopping of trees for fodder according to rule No. 27(b) in the areas allotted to them for grazing.
30. Tenants are entitled to get trees for their bonafide domestic agricultural requirements and buildings through their land lords.
31. All rights admitted are subject to the limitations that they are not exercised to an extent that may endanger the existence of the forest over which the rights are admitted. If the exercise of the rights as admitted would endanger the existence of these forests a limitation must be placed on the exercise of these rights, to the extent which is considered necessary after due sanction from the Superintendent, Hill States.
32. All rights admitted are subject to the condition that all rights holders shall render every assistance in extinguishing any fire occurring in any forest within which they have rights and in the case of willful neglect, Superintendent of Hill States may order that all or any right in a forest damaged by fire be suspended for any period he considers proper.
33. All permits granted to Right holders to cut trees shall remain in force only for three months from the date of the permit or of the trees being marked, which over date in later.

If the trees are not removed from Forest with in that period, the permit shall lapse and the trees may not be cut or removed unless the permit is renewed by the authority who first granted it.
34. Any person contravening any of these rules shall be liable to punishment provide in the Indian Forest Act VII of 1878 for such offence.

35. In these rules nothing shall prevent the superintendent hill states from cancelling altering or adding to these rules if deemed necessary.

Dated 19th Jan, 1904

Approved
Sd/-
Superintendent
Hill States

(h) Abstract of Record of Rights

Name of village	Name of Forest in which the right has been admitted	Nature of right
Saliana	Saliana	All the rights
	Parshal	No rights
	Nagtir	No rights
	Bani	Lopping of Ban and Mohru tree and grazing of sheep and goats during the summer season only.
	Gahan-Jarahi	Grazing rights of sheep and goats during the summer season only.
Sandroli	Saliana	All the rights
	Parshal	No rights
	Nagtir	Lopping of oak and Ban trees grazing of sheep and goats during three months of summer season and grant of trees for religious ceremonies.
	Bani	Lopping of Ban and Mohru trees and grazing of sheep and goats during 3 months of summer seasons.
	Gahan-Jarahi	Only grazing right of sheep and goats during summer season.
Sanathari	Saliana	All the rights
	Parshal	No rights
	Nagtir	Lopping of oak and Ban trees grazing of sheep and goats during three months of summer

		season and grant of trees for religious ceremonies.
	Bani	Lopping of Ban and Mohru trees and grazing of sheep and goats during summer seasons.
	Gahan-Jarahi	Only grazing right of sheep and goats during summer season.
Koti	Saliana	All the rights
	Parshal	No rights
	Nagtir	Lopping of oak and Ban trees grazing of sheep and goats during the summer season only and grant of trees for religious ceremonies.
	Bani	Lopping of trees, Ban and Mohru, and grazing of sheep and goats during the summer seasons.
	Gahan-Jarahi	Only grazing rights of sheep and goat during the summer season.
Parshal	Saliana	No rights
	Parshal	All the rights
	Nagtir	Lopping grazing of all kinds of animals and grant of trees for religious ceremonies.
	Bani	Lopping Ban and Mohru trees and grazing of sheep and goats during summer seasons.
	Gahan-Jarahi	Only grazing right of

		sheep and goat during the summer months.
Gadta	Saliana	No rights
	Parshal	No rights
	Nagtir	All the rights
	Bani	Lopping of Ban and Mohru trees and grazing of all kinds of animals
Alohi	Saliana	No rights
	Parshal	No rights
	Bani	All the rights
	Gahan Jarahi	All the rights
Darkoti	Saliana	No rights
	Parshal	No rights
	Nagtir	No rights
	Bani	All the rights
	Gahan Jarahi	All the rights
Kiari	Saliana	No rights
	Parshal	No rights
	Nagtir	Only the right of grant of building timber for Rana Sahib of Darkoti
	Bani	All rights
	Gahan Jarahi	All rights
Bamta	Saliana	No rights
	Parshal	No rights
	Nagtir	No rights
	Bani	All the rights
	Gahan Jarahi	All the rights
Jadoli	Saliana	No rights
	Parshal	No rights
	Nagtir	Only the right of grant of building timber.
	Bani	All the rights
	Gahan Jarahi	All the rights
Joni	Saliana	No rights
	Parshal	No rights
	Nagtir	Green trees at the

		following rates:-Deodar Rs. 1/-, Kail Rs. 8/-. In addition to above price Rs. 3/- annually in four installments will have to be paid.
	Bani	As above in the Nagtir Fts.
	Gahan Jarahi	As above in the Nagtir Fts.
Shoshana	Saliana	No rights
	Parshal	No rights
	Nagtir	All rights
	Bani	Lopping of Ban and Mohru and grazing rights of all kinds of animals
	Gahan Jarahi	Grazing rights of sheep and goats for summer months only.
Note:-		All rights mentioned above are subject to the payment of Rs 4/- to the Rana Sahib annually and Rupees 1/- at the event of marriage and death ceremonies.
Rana Sahib Darkoti	Saliana	No rights
	Parshal	No rights
	Nagtir	All rights
	Bani	All rights
	Gahan Jarahi	All rights

Sanctioned provided that rights admitted in the report will not stand in the way of the customary rights of the State which relates to repairing of Roads and grant of land for cultivation and secondly the Right Holders will not be entitled to any compensation for the works which they will do in support of these rights.

Appendix-III (i)

Rights and concessions in Khaneti State

A record of rights for each Demarcated Forests prepared by the Thakur of Khaneti in 1916 is still in force reproduced as appendix-II. The following rights have been admitted:

(a) Building Timber

The right holders are granted trees of all species for building and repair to their dwelling houses and cattle sheds, for which they have to pay the following nominal rates, sectioned by the political Agent, Punjab Hill States:-

Species	Rates per tree per girth					Remarks	
	1'-0" 2'-3'	2'-4" 3'-0"	3'-1" 3'-9"	3'-10" 4'-6"	4'-7" 5'-3"	5'-4" 6'-0"	6'-1" and over
Deo & Walnut	-/1/	-/2/	-/4/-	-/8/-	1/-/	1-8/-	2/-/ Trees are granted free for
Kail, Oak & Horse Chestnuts	-/-/6	-/1/	-/1/6	-/2/-	/3/-	/4/-	-/8 i) Burning the dead
Fir, Chil, Free		-/-/6	-/1/	-/1/6	/2/-	/3/-	-/4/ ii) Making and repairing the agricultural implements iii) Making rick pole and iv) State requirements

Note: Trees are to be given from the demarcated only when silvicultueally available and when not available in the dehat forests. No sound II class trees should ordinarily be marked as they are already seriously in deficit for the normal stage of forests.

- (ii) The suppressed trees may be given free in order to induce the right holders to clear forests of them.

(b) Lopping

The lopping of Kail trees not less than 3' girth at breast height is allowed both in the dehat and the demarcated forest upto 1/4th of their total height, for use as litter and manure, during the month of July only, and that of Mohru Ban Oaks and other broad leaved species for fodder throughout the year.

(c) Grazing

The local villagers are allowed to graze their animals of all kinds in forests, dehat or demarcated, except in such parts of the letter as are closed under proper authority for regeneration or other reason.

(d) Collection of dry and fallen pine needles

The zamindars have a recorded right to collect dry and fallen needles of Kail for litter and manure with the result that almost all forests, dehat or demarcated, near villages are more or less completely swept of the leaf mould.

(e) Fuel

The villagers are entitled to remove dry standing of fallen trees except deodar and to cut green shrubs and bushes from all forests, dehat or demarcated, for firewood and charcoal.

(f) Grass Cutting

In the demarcated forests of Jarot, certain zamindars have a right to cut grass from the areas preserved by them as hay fields, and in Baghal, the state itself has hey field of about 20 acres which is leased out every year to purchasers.

(g) Right to sell trees growing on land belonging to private persons

The proprietors of such lands can dispose of these trees but they will lose their right to timber from the state forest for 10 years.

E. Abstract of Records of Rights

Sr. No.	Forest	Right Holding Villagers	Rights Recorded
1	Gawalidhar	Deori Chaknol Dhot Baun Barseri Bantot	All rights viz, (1) Building timber on payment of zamindari rates fixed by the State. (2) Timber of all species except deodar for manufacture and repairs of the agricultural implements. (3) Dry standing and fallen trees and green shrubs and bushes for firewood and charcoal. (4) Two Kail trees in Suraj ilaqua and one Kail tree in Sadoch ilqua not exceeding 4'6" in girth at breast height for burning the dead. (5) Lopping oak and other broad leaved species for fodder. (6) Lopping of Kail trees not less than 3' in girth at breast height upto $\frac{1}{4}$ of the total height of the tree during the months of July only for litter and manure. (7) Removal of dry and fallen pine needles for litter. (8) Grazing of all cattle. (9) Quarrying of slates and stones with the permission of the state.
2.	Nareela	Bareseri Dhamdar Thamnoti Jashla	All rights, Mohru, Oak can also be cut for burning the dead.

3.	Kalela	Dhar Arol	Right No. 1 only Kail tree, if available and Nos. 3 and 8.
4.	Rasalan	Kandarla Chaknoti Dahar Kamhala Jatula Jatar Gamalth Ladrot	All rights except deodar trees for houses building from the deodar area known as Tarrain.
5.	Rela	Thanari Kangi Reog	All rights
6.	Jarot	Reog Chol Galore Badrani Jakrari Kufarbagh Chhuanb Bari Gabrog Govindpur	All rights including grass cutting from their grazing preserves in this forest.
7.	Tharu	Chaunti Chhanot Kairwi Galeha Rendal Manfloti	All rights
8.	Baghal	Baghal Rendal Daran	All rights

Appendix-III (j)

Record of right (abstract) Patiala State

1. Definition

The customs which were prevailing before Mr. Miniken's Forest Settlement formed the basis for determining and recording rights of the people. The rights with restrictions and limitations as were admitted in the Forest Settlements referred to above have been enjoyed by the people since then with such alterations and modifications as the circumstances of the latter periods suggested. Thus they have acquired legal status and can be claimed, as a matter of right by the right holders subject to the restrictions and limitations herein after mentioned. Forest rights have been generally allowed to the proprietors of revenue paying land and their agricultural tenants. The basis of settlement is that rights are appended to cultivated land paying revenue and can only be acquired with such land. They are meant to satisfy the ordinary agricultural requirements and can be claimed, as a matter of right, for the bonafide requirements of the right holders and not to meet the demand of the forest produce from outside, or for any trade purpose.

2. Right Holders

- a) Right holders are the proprietary body of the villages in whose name the common waste is recorded in the revenue papers in proportion to the land revenue paid. Such persons may be termed as 1st class right holders.
- b) The 2nd class of right holders is the body of non agriculturists dependent on the village community such as village shopkeepers, kamin etc. who have accustomed to the exercise of rights in the village waste and forest. The rights given to them are as a mark of grace, and may be exercise for their own domestic requirements. The privileges can be withdrawn in case of continuous abuse of rights. They will be entitled to such privileges as have been mentioned in the rules.

The special characteristic of the first class right holders is that they hold the rights by virtue of their proprietorship in the land, quite distinct from the second class right holders who only possess the right by virtue of their exercising them.

3. Grazing

Perhaps the most distinctive right to which the villagers as well as the forest department attach much importance is the right of grazing. From the villager's point of view, it is impossible to discontinue this right while the Forest Department is persistent in closing this right. The right was exercised without any restriction in the former times and it was in Mr. Miniken's Settlement that an attempt was made to restrict it in the interest of Forest Conservancy.

4. Right of cattle in 1st class Forest

In 1st class forest, Mr. Miniken, with the object of regulating the grazing incidence and so preserving the soil and vegetation set limits to the number of cattle which might be grazed. Rai Bahadur Kahan Chand abolished this system in the Forest Settlement of 1965 which was, of course, neither sanctioned nor brought into operation. I cannot agree with his reason that such restrictions are practically useless. I have therefore allowed the grazing right in 1st class forest in the same manner as was done by Mr. Miniken, and to this the villagers are quite agreeable.

5. i) In First Class Forests

Major Popham Young, Settlement Commissioner Patiala, and Rai Bahadur Kahan Chand Forest Settlement Officer, recognized the villagers' possession over the area preserved for grass cutting and recorded them in their individual names according to some sold divisions among them and assessed the areas to a rent varying from six pies (3p) to one anna (6p) per bigha, the income thus collected being credited towards Forest Receipts. Miniken allowed the right of cutting grass to the village community collectively while Rai Bahadur Kahan Chand recognized their individual Ghasnies.

This most intricate aspect of the question can be understood fully by studying the gradual development and change of the collective right to an individual ownership since the time the Forest Settlement was conducted by Mr. Miniken. To admit and to allow a collective right to the village community differs widely from recording and recognizing a certain plot under the possession of an individual. This will eventually lead to the claim of the ownership by the successors. At that stage it will be very difficult to adjust the social conflicts. On the appeal by the Forest Department against Rai Bahadur Kahan Chand's Settlement the recommendations of the Settlement Officer were not admitted by Dewan Nar Narain Singh, and no rent on the ghasnies or grass lands in 1st class forests has since been recorded. In the present revision of settlement, I have admitted this right in the same spirit and in essence and substance as Mr. Miniken held with a slight modification that the right of grass cutting in 1st class forest will be regulated by the issue of permits on nominal fee so as to make the right in case of closures of area for cultural operations under the prescriptions of new Working Plan.

6. II 2nd Class Forests

In second class forests are grass lands assessed to a tax in the forest rules sanctioned by I Jlas-i-Khas in 1912 and rent on them has been charged and credited towards forest receipts as originally recommended by Rai Bahadur Kahan Chand. I have made no deviation in this respect.

7. Timber Trees

In earlier times, when Mr. Miniken's Forest Settlement was conducted, presumably there was not extra ordinary demand for timber trees and as such no limit to the number of trees required by a right holder was fixed. With the opening of Shimla Hill stations and the change of style of living of the people, the demand for timber trees increased. An attempt was made to Patiala Forest Rule of 1912 A.D.

It has, although to a very small extent worked in the right direction. In recent years, there has been a constant demand for a large number of trees by the villagers in the vicinity of cantonment especially Civil Station,

Shimla, and the timber trees obtained on concessional rates for bonafide requirements were sold or passed through the connivance of the Forest Guards in the proximity of Shimla. As a matter of fact, a right holder is entitled to get timber trees as may be sufficient for one suitable and convenient house ordinarily found among the cultivators. The right is not meant to meet the requirements of the timber for a bungalow or Kothi. It has been attempted in the rules to define the limitation within the trees will be granted. A zamindar having a small patch of cultivated land could claim same or even greater number of trees than actually given to a zamindar possessing a considerable area of cultivated and waste land as there was no restriction. A principle has been introduced that one tree should be given for every rupee of revenue paid, as it will limit the unreasonably demand of trees by villagers. To limit this restriction on the other direction, the minimum number of trees to be granted at zamindari rates is suggested at five and maximum at fifteen, of which not more than eight of Chil in the Chil zone. But this is the maximum and no claim can be made for this maximum. The right extends to a sufficient amount of timber for agricultural building only. The rule only limits the number of trees to be given, but full market rates should be charged for them. The limits for the grant of trees after ten years and five years for construction and repair of buildings respectively, as was imposed in the rules of 1912 A.D. as been retained as it checks a tendency on the part of the right holders to claim trees year by year. Of course, in case of natural calamities i.e. fire etc. the trees can be granted before the prescribed number of years, and on this point the Conservator of Forests decision shall be final.

8. Lopping

Lopping of trees is very common in these hills. The zamindars require the leaves of trees for fodder, manure and also for fencing and fuel. There are some trees of no value or of little value which are lopped for the above purpose, but quite a good number of important species such as Deodar, Kail, Chil and blue pine are also lopped. Lopping of these species is most detrimental and in some of these forests it has done considerable damage to the forest crop. It was also not possible in all places to discard this right

as the villagers claimed it as a traditional practice and as one of the most important factors of their agricultural requirements. On the other hand, clearance of under growth from coniferous forests makes the ground available for the reproduction of the principle timber species. The lopping of trees is a right which must be restricted as far as possible, as it is injurious to the life and vitality of the tree. The restrictions imposed in Mr. Miniken's Settlement and the forest rule of 1912 A.D. where no doubt, sufficient in the interest of trees growth, but they have been simplified in order to make their application practicable. These restrictions refer to the size of trees and the height to which the tree may lop.

9. Rules for 1st & 2nd Class Forests

Rules for the reserved and protected (1st Class and 2nd class forests) have been made. They are found on the record of rights and embody the principal restrictions, which have more or less, been explained here to before.

10. 3rd Class of forests and their definition

All village and waste land other than cultivated areas outside the demarcated forests may be termed as 3rd class forest which belong to the villagers except that control over the trees and the proprietary right over the mines and quarries will rest with His Highness Government as provided in the rules. This definition has been modified from the Patiala village Forest Rules sanctioned by IJlas-i-Khason Home Ministryers arzdesb No. 442 dated 17.12.1912. A draft notification under chapter III of the Indian Forest Act of 1927, declaring such areas as village forests is submitted herewith (vide appendix).

11. Facilities in the grant of timber from III class Forests

No modification is required in the present procedure in case of trees for grants which are given by the Range Officers for domestic and agricultural requirements:

1. For fuel for marriage requirements.
2. For fuel for funeral ceremonies.
3. For making agricultural implements and,
4. Charcoal for smithy purposes.

12. Royal Trees

In 1981 B. certain valuable timber trees, growing in the assessed lands belonging to the zamindars outside the demarcated forests, were declared as 'Royal trees' in order to stop their indiscriminate cutting by the land owners and to ensure their existence. It is understood that the trees were declared as 'Royal' trees under gracious Commands of His Highness. There is a great felling among the villagers about the restrictions of permission imposed on the cutting of these trees for their domestic requirements. The Forest Department has not been able to supply a copy of Ijlas-i-Khas orders according to which certain species were declared as "Royal Trees" but say that there were orders which are not traceable in record at present. It is, of course, an admitted fact that the restrictions have been in practice from some years past. It is necessary to continue the restriction for purpose of sale and to stop the destruction of these valuable trees, but to remove their present grievances, it is suggested they may be permitted to cut royal Trees growing in their cultivated lands for their domestic requirements without imposing any restriction beyond that the owner should inform the Range Officers about the felling, number and the girth of trees. The Range Officer should satisfy through his subordinates or himself that the trees are rightly cut and used for bonafide domestic requirements and that there has been no abuse. Trees cut for domestic requirements should be over 3' (90) cm in girth and the number of 'Royal trees' available in one's land. The repetition of felling of trees under these limits should not be earlier than five years. No smaller trees of girth under 3 feet should be cut as it is incapable of yielding sound timber.

The misuse of such timber will be treated as a forest offence and will be punishable under section 77 of the Indian Forest Act 16 of 1927. In the

case of sale of such timber or trees the permission will have to be obtained from the Conservator of Forests, who after careful consideration may permit the sale in rare cases under special circumstances. A draft notification declaring the following trees as Royal Trees is appended herewith.

(Vide Appendix)

1. Deodar
2. Thuna
3. Akhrot
4. Kakar
5. Kirmon
6. Shisham

APPENDIX – IV- SCHEDULE OF RATES

CURRENT SCHEDULE OF RATES OF FORESTRY OPERATIONS

Sr. No.	Description	Unit	Rate (Rs.)
A	Seed Collection		
i)	Conifer		
	Deodar	Per Kg.	265.80
	Kail	-- Do--	252.00
	Silver Fir	-- Do--	375.00
	Spruce	-- Do--	368.30
	Chil	-- Do--	272.80
	Cupressus	-- Do--	545.50
	Juniper	-- Do--	545.50
	Taxus Baccata	-- Do--	2115.50
ii)	Broad Leave		
	Mulbery	-- Do--	578.00
	Boxwood	-- Do--	443.30
	Eucalptus	-- Do--	409.00
	Ash	-- Do--	559.00
	Simbal	-- Do--	443.30
	Jacaranda	-- Do--	381.80
	Bamboo	-- Do--	68.30
	Robinia	-- Do--	368.30
	Khirki/Carpinus	-- Do--	266.00
	Behul	-- Do--	252.00
	Tun	-- Do--	313.30
	Oaks	-- Do--	109.00
	Ritha	-- Do--	177.30
	Amla (fruit)	-- Do--	108.80
	Amla (seed)	-- Do--	163.50
	Chuli	-- Do--	95.50
	Sain	-- Do--	170.50
	Jamun	-- Do--	47.80
	Amaltas	-- Do--	116.00
	Behmi/wild peach	-- Do--	150.00
	Horse chestnut (Khanor)	-- Do--	81.80
	Bauhinia (Kachnar)	-- Do--	156.70
	Siris	-- Do--	116.00
	Dodonea	-- Do--	143.30
	Terminalia	-- Do--	136.30
	Walnut	-- Do--	204.50

	Khair	-- Do--	88.30
	Shisham	-- Do--	109.00
	Babool/Kikar	-- Do--	81.80
	Artocarpus lakoocha	-- Do--	306.80
	Sal	-- Do--	109.00
	Neem	-- Do--	61.30
	Darek	-- Do--	61.30
	Leucinia	-- Do--	409.00
	Silver Oak	-- Do--	849.50
	Mango	-- Do--	61.30
	Celtis	-- Do--	136.30
	Grawia-elastica	-- Do--	245.50
	Maple	-- Do--	204.50
	Bird Cherry	-- Do--	177.30
	Ailanthus	-- Do--	204.50
	Rumex	-- Do--	218.30
	Butea monosperma	-- Do--	109.00
	Dioscorea	-- Do--	109.00
	Birch	-- Do--	784.00
	Kosh	-- Do--	443.30
	Berberis (dry fruit)	-- Do--	204.50
	Prinsepia utilis	-- Do--	204.50
iii)	Grasses		
	Chrysopogon	-- Do--	1172.80
	Heteropogon	-- Do--	443.30
	Bothrichloea spp.	-- Do--	818.30
	Dicanthium annulatum	-- Do--	852.30
	Other species	-- Do--	613.30
	Clovers red/white	-- Do--	Market rate
	Grass/seed all types	-- Do--	409.00
iv)	Bulb/Rhizome/Tubers/Grass roots		
	Collection of dioscorea bulb	-- Do--	109.00
	Berberis roots and rhizomes	-- Do--	204.50
	Grass tufts	-- Do--	68.30
B.	NURSERY WORKS		
i)	Preparation of new nursery site		
a)	Earth cutting in spade work	Cum	Rates as per item No. A (i-ii chapter II earth cutting.
b) do..... pick work	--Do--	--Do--
c)	Preparation of nursery beds I/C lay out	Sqm	20.50

d)	Mixing of farm yard manure	--Do--	2.80
e)	Application of insecticide/pesticide	Per 100 plant	2.00
f)	Preparation of paths	Sqm	6.50
g)	Preparation of water channels 15 cm deep	--Do--	6.80
h)	Line sowing	--Do--	8.30
i)	Broad cast sowing	--Do--	1.80
ii)	Mulching in nursery beds & other operations		
	Providing of shades in beds (excluding the cost of material)		
a)	Polythene sheet shade	--Do--	17.00
b)	Grass shade	--Do--	17.80
c)	Hand watering	--Do--	1.80
d)	Kuhl/flooding of beds	--Do--	0.80
e)	Weeding/hoeing of nursery beds	--Do--	10.00
f)	Pricking of seedlings in proper spacing	--Do--	20.50
g)	Pricking of seedlings in nursery beds and transplanting in other beds	--Do--	41.00
h)	Preparation of cuttings		
i)	15 cm (6")	100 Nos.	61.30
ii)	22.5 cm (9")	--Do--	61.30
iii)	30 cm (12")	--Do--	61.30
i)	Planting of cutting in bed I/C treatment of rooting hormones	--Do--	20.50
j)	Singling of sprouted shoots of cutting	--Do--	54.50
k)	Extraction of entire plants	--Do--	54.50
l)	Packing and mossing of seedling	--Do--	327.80
m)	Preparation of root/shoot cuttings	--Do--	75.00
n)	Maintenance of Nursery path (thrice a year)	Sqm	2.00
o)	Collection of humus in the forest	Qtl	47.50
p)	Extraction of plant with ball of earth I/C Gachi	100 Nos.	477.30
q)	Preparation of Shisham stumps	100 Nos.	68.30
C.	IIN POLYTHENE BAGS		
i)	Planting of polythene bags I/C digging, sieving of earth, mixing of manure, insecticides and pesticides I/C collection and carriage upto nursery site (4" X 9") 10CMx22cm.	100 Nos.	231.80
ii)	Lining of polythene bags	100 Nos.	19.50
iii)	Sowing of seed in polythene bags	100 Nos.	17.00
iv)	Mulching of polythene bags	100 Nos.	5.30
v)	Providing of shade to polythene bags		

a.	Polythene sheet shade	Sqm	17.00
b.	Grass shade	--Do--	17.00
vi)	Watering of plants in polythene bags by alkathene pipe	100 Nos.	20.30
vii)	Weeding and hoeing of plants in polythene bags	100 Nos.	11.80
viii)	Singling of plants in polythene bags	100 Nos.	20.30
ix)	Shifting of polythene bags to avoid rooting	100 Nos.	24.00
x)	Re-sowing of seed in failed polythene bags	100 Nos.	17.00
xi)	Pricking and setting of seedling in polythene bags	100 Nos.	54.50
xii)	Filling of polythene bags 5"X18" (12.5 cm. X 45 cm)	100 Nos.	545.50
xiii)	Filling of polythene bags of size 4"X6" including digging of earth, sieving of earth, sieving of sand, CDM and mixing the same including insecticides etc.	100 Nos.	105.10
xiv)	Filling of polythene bags size 7" X 15 including digging of earth, sieving of earth, sand and mixing of the same including insecticides, manure and transplanting of plants already grown in 4" X 9" (10 cm X 22 cm) polythene bags, which also include the removal of a part of ball of earth and untwining strengthening of roots and transplanting the plants in P/bags of size 7" X 15" (18 cm X 38 cm) are also include, making their root and shoot cutting where required	100 Nos.	446.30
xv)	Filling of cement bags size 8" X 24" (45cm X 60cm) including digging of earth, sieving of earth and sand including mixing of the same, mixing of insecticides, CDM and making root shoot cutting where required and transplanting of plants from 7" X 15" size to cement bags.	100 Nos.	2166.60

NOTE:- Wastage of polythene bags @10% maximum is allowed while doing filling and shifting operations.

D.	CARRIAGE OF PLANTING MATERIAL BY AMNUAL LABOUR		
1	Carriage of plants in polythene bags:		
a)	Level work/downhill side		
i)	4" X 9"	100 No./Km	163.50
ii)	7" X 15"	--Do--	900.00

iii)	18" X 24"	--Do--	As per competitive market / quotation rate
b)	Uphill side		
i)	4" X 9"	--Do--	218.30
ii)	7"X15"	--Do--	1221.00
iii)	18"X24"	--Do--	As per competitive market / quotation rate
2	Carriage of naked root plants (conifer species)		
a)	Level work	--Do--	16.30
b)	Uphill side	--Do--	35.50
c)	Downhill side	--Do--	16.30
E)	FENCING		
1	Barbed Wire Fencing		
i)	Cutting and preparation of wooden post 1.8 m long and 8 to 10 cm dia I/C debarking and fashioning the top 15 cm in conical shape	100 Nos.	1295.00
ii)	Carriage of fence posts upto 2m long and 8 to 10 cm dia.	100 No./Km	681.80
iii)	Charring and coal tarring of the ends of the posts 45 cm bottom and 15 cm conical tarring	100 Nos.	279.50
iv)	Preparation/digging of holes 20-30 cm dia and 45 cm deep	--Do--	906.80
v)	Fixing of wooden posts I/C strutting	--Do--	716.00
vi)	Stretching and fixing of barbed wire with U-staple in each strand	Rmt.	4.80
vii)	Inter locking of thorny bushes with barbed wire obtained from planting site	Head load	4.00
viii)	Fixing of angle iron fence posts in cement concrete including strutting	100 Nos.	683.80
ix)	Fixing of barbed wire in angle iron fence posts	Rmt.	4.80
x)	Dismantling and binding of old barbed wire I/C making rolls and stacking within 20 m lead (frame work, wooden posts to be measured separately)	Rmt.	3.30
xi)	Repaired of barbed wire fencing	--Do--	1.80
xii)	Carriage of barbed wire bundles and angle iron posts		
a)	Level/downhill side	Qtl./Km.	65.50
b)	Uphill side	--Do--	81.80

2	OTHER FENCING		
i)	Fixing of interlink chain upto 2.5 m height	Sqm	13.80
ii)	Fixing of interlink chain beyond 2.5 m height	--Do--	15.80
iii)	Weaving of GI wire through interlink loops at the top edge and fence posts and stretching of GI wire and closing of loops etc.	Rmt.	2.50
iv)	Construction of bush wood fence	--Do--	15.80
v)	Thorny brush wwood protection guard for road side plantation.	Nos.	8..80
vi)	Live hedge fencing of Agave, Ipomea, Durranta, Dodonea viscosa, Rosa spp., Vitex negundo etc.	Rtm.	13.30
vii)	Construction of stone fence wall I/C collection and carriage of stone upto 200 m in dry stone masonry		
a)	0.5 m X 1.00 m height	--Do--	As per rate of item no (i) of Chapter III
b)	0.5m X 1.50 m height	--Do--	--Do--
F.	SOWING AND PLANTING		
i)	Survey and demarcation of plantation area I/C marking of seditions, path and preparation of map	Ha	101.00
ii)	Collection of debris in small heaps at convenient places	--Do--	511.30
iii)	Burning of debris	--Do--	170.50
iv)	Bush cutting in strips of 1 to 2 m wide with spacing 3mX3m with areas having more bush 0.50 density and 100 percent disposal	--Do--	1192.80
v)	Preparation of inspection path 60cm wide	Rmt.	11.00
vi)	Lay out of pits and patches	Ha	170.50
vii)	Preparation of patches		
a)	30cm X 30cm X 25cm	100 Nos.	327.30
b)	45cm X 45cm X 25cm	--Do--	450.00
c)	60 cm X 60 cm X 25cm	--Do--	647.50
viii)	Sowing of seed in patches		
a)	30cm X 30cm X 25 cm	--Do--	95.50
b)	45cm X 45cm X 25cm	--Do--	143.30
c)	60 cm X 60 cm X 25cm	--Do--	190.80
ix)	Digging of pits		
a)	30cm X 30cm X 30 cm	100 Nos.	477.30
b)	45cm X 45cm X 45cm	--Do--	954.50
c)	60 cm X 60 cm X 60cm	--Do--	1745.00

d)	90cm X 90cm X 90cm	--Do--	6238.00
x)	Filling of pits		
a)	30cm X 30cm X 30 cm	--Do--	191.00
b)	45cm X 45cm X 45cm	--Do--	272.80
c)	60 cm X 60 cm X 60cm	--Do--	354.30
d)	90cm X 90cm X 90cm	--Do--	531.80
xi)	Planting of entire plants in pits I/C ramming		
a)	Raised in polythene bags	--Do--	218.30
b)	Naked root plants	--Do--	183.80
xii)	Planting of tall plants I/C ramming	--Do--	654.30
xiii)	Line sowing of Deodar	Rmt.	2.30
xiv)	Broadcast sowing in plantation area	Ha	490.50
xv)	Roadside planting of plants	100 Nos.	170.50
xvi)	Preparation of gradonial trenches/staggered trenches		
a)	0.30 m X 0.30 m	Rmt.	13.50
b)	0.45 m X 0.45 m	--Do--	37.30
c)	0.60 m X 0.60 m	--Do--	64.80
xvii)	Planting in gradonial trenches half filled 15 cm dia	100 Nos.	3.00
xviii)	Preparation of furrows for live hedge fencing	Rmt.	1.50
xix)	Planting of live hedge plan species in furrows	--Do--	11.80
xx)	Mulching of plants	100 Nos.	84.80
xxi)	Weeding and hoeing of plants	--Do--	81.80
xxii)	Preparation of strips I/C sowing in strips 100 Cm X 30 cm X 5 cm for grass sowing along contour at interval 2 m apart	--Do--	920.00
xxiii)	Re-digging of pit in failed pits		
a)	30cm X 30cm	--Do--	238.50
b)	45cm X 45cm	--Do--	477.30
c)	60 cm X 60 cm	--Do--	1048.00
d)	90cm X 90cm	--Do--	3742.50
xxiv)	Preparation mound for vetiver grass	--Do--	170.50
xxv)	Planting of grass strips in mound	--Do--	681.80
xxvi)	Bulb and tuber planting	--Do--	817.80
xxvii)	Dibbling of seed	ha	129.20
xxviii)	Bush cutting of lantana		
a)	100% lantana cutting with uprooting	--Do--	21815.80
b)	75% Lantana cutting with uprooting	--Do--	16361.80
c)	50% lantana cutting with uprooting	--Do--	10579.00
G.	SILVICULTURAL OPERATIONS		
i)	Enumeration of trees	100 Nos.	177.30

ii)	Marking of trees conifers for sale	--Do--	265.80
iii)	Hammering of trees in thinning and dead dying	--Do--	20.30
iv)	Enumeration of trees for resin tapping	--Do--	177.30
v)	Belting of trees with white paint for seed stands	--Do--	340.80
vi)	Selecting and numbering of superior trees for seed stand	--Do--	204.50
vii)	Debris collection and burning	ha	681.80
viii)	Cleaning and un-saleable thinning (non-commercial) in regeneration areas	--Do--	1772.80
ix)	Climber cutting in the forests/plantation area	--Do--	859.00
x)	Commercial/mechanical thinning all grades	--Do--	class-wise rates of felling to be applicable
xi)	Hygienic felling	--Do--	--Do--
xii)	Kikar felling	--Do--	--Do--
xiii)	Preparation of fire lines 2.5m, 4.5m, 10m wide	Sqm	5.30
xiv)	Burning/maintenance of lines	--Do--	0.80
xv)	Control burning of conifers forests	ha	183.80
xvi)	Pruning of established saplings in plantation 1/3 portion	100 Nos.	170.50
xvii)	Marking of standards in B.L. Coupe	--Do--	341.00
xviii)	Carving of number in marking trees		
a)	Conifer	--Do--	422.50
b)	Broad Leaved	--Do--	422.50
xix)	Measurement seedling for research work in nursery	--Do--	204.50
H.	DEMARCATION		
i)	Checking of demarcation with prismatic compass I/C chaining	Km	681.80
ii)	Measurement with chain	--Do--	272.80
iii)	Construction of standard boundary pillars in H.D.S.M.		
a)	Large 0.60 m x 0.60 m at base 0.30 m x 0.30m top and 0.60 m height 0.15 m foundation	Each	508.00
b)	Small 1 m x 1 m at base 0.60 m x 0.60m top and 1 m height 0.25 m foundation	--Do--	318.00
iv)	Repair of boundary pillars		
a)	Large	--Do--	170.50
b)	Small	--Do--	102.30
v)	Alignment of boundaries of compartment, sub compartment and sections with ranging rod and flag & putting rings on trees	Km	477.30

I CONVERSION OF TIMBER INCLUDING FELLING & LOGGING				
Sr. No.	Item Description	Unit	Rate	
i)	Felling of trees		Conifers	Broad Leave
	ID 152 cm and above	Per tree	600.00	747.50
	ID 121 to 152 cm	--Do--	498.80	698.10
	ID 91 to 121 cm	--Do--	449.00	649.00
	IC 81 to 91 cm	--Do--	400.00	600.00
	IB 71 to 81 cm	--Do--	295.00	498.30
	IA 61 to 71 cm	--Do--	196.80	400.00
	IIB 51 to 61 cm	--Do--	124.50	196.80
	IIA 41 to 51 cm	--Do--	75.40	98.40
	III 31 to 41 cm	--Do--	49.10	75.40
	IV 21 to 31 cm	--Do--	26.10	39.40
	V upto 21 cm	--Do--	9.80	16.30
ii)	Uprooting of stumps	--Do--	Double rates of felling for respective class of trees	
iii)	Logging and squaring by hand sawing	Cum	400.00	600.00
iv)	Logging by hand sawing	--Do--	173.80	258.80
v)	Conversion of logs into sleepers and scants by hand sawing	--Do--	1245.80	1966.90
vi)	Conversion of sleepers into battens etc. by hand sawing	Rmt.	30.00	----
vii)	Conversion of sleepers into planks of all size by hand sawing	Sqm	159.50	----
Note: Conversion of timber into required sizes by sawmills, the rates will be as per competitive market rate or as per approved rates by HP State Forest Development Corporation Ltd. issued from time to time.				

APPENDIX -V

LEASES, CONTRACTS AND CASES OF DIVERSION OF FORET LAND FOR NON-FORESTORY PURPOSE UNDER FCA 1980

No forest land has been leased out nor has any land been given on contract. However forest land has been diverted for Developmental activities through Govt. Agency under the provision of FCA 1980 and FCA Rules 2003. The detail of which is given below:-

Sr. No	Name of Project	Name of User Agency	File No. & Date of Final Approval	Legal status of Forest Land	Extent of Forest land diverted
1	Microwave Repeater station at Mahasu	The Telecom District Engineer Shimla-1	9-21/93-ROC dated 09.06.1994.	UPF-Khaneor	0.1.12 hec
2	Beakhalti to Majhar	XEN (B&R) HP, PWD Theog Division.	9-42/92 ROC dated 12.06.1995		0.0.82 hec
3	Bus stand Theog	R.M. Tara Devi	9-149/94 ROC dated 27.07.1994	D-52 Rohru	0.91 hec.
4	Microwave Repeater Station at Theog	-N.A-	9-220/95 ROC dated 27.10.1995.		0.24.3 hec.
5	66 KVS/T Transmission line from Gumma to Hulli.	XEN H.P.S.E.B. Shimla-1	8-55/94 ROC dated 03.01.1996.		8.514 hec
6	Base Raido Station Tir Mahasu.	M/S Bharti Telnet Ltd. Shimla	9-435/97 ROC dated 10.03.1998.	Reserve Forest Tir Mahasu	0.0.04 hec
7	C/o 5 lakh liter capacity water tank & chlorination Room at Lambi dhar ,Kufri	XEN I&PH Dhalli.	9-348/97 ROC dated 23.09.1997.	DPF Kangar	0.06 hec.
8	Rahighat to Kiartoo road	XEN (B&R) HP,PWD Theog Division.	9-575/98 ROC dated 14.05.1999.	UPF/56 TATAL	0.0.71 hec
9	C/o Sarog-Kairtoo road	XEN (B&R) HP,PWD Theog Division.	9-459/99 ROC dated 23.03.2001.		0.20 hec
10	C/o Kuthan Sharmala road	XEN (B&R) HP,PWD Theog Division.	9-873/2000 ROC dated 31.12.2004.	D-126 Guthan.	1.227 hec
11	Police Station at Deha	Addl. Superintendent of Police Shimla	9-2192/2004-ROC dated 07.06.2005.	D-131 Deha	0.07.59 ha
12	Vet Dispensary at Rawalkiar.	The Deputy Director Animal Husbandry Deptt Shimla.	48-115/2006 dated 24.05.2006.	Charagag Billa Drekhtan	/0.01.80 hec
13	Kot Barar to Chunjer Road	XEN (B&R) HP,PWD Theog Division.	9HPB 2456/2004 dated 13.05.2006.	DPF Kalzer125	/ 0.42 Hec.
14	Vet Dispensary at Baghal.	The Deputy Director Animal Husbandry Deptt Shimla.	9-HPB 2432/2004 dated 27.10.2005.	Chrgah Dhakthan /	0.02.26 hec

15	Matiana- Mahori via to Kalzair road	XEN (B&R) HP,PWD Theog Division.	9-2538/2004 ROC dated 27.06.2005.	D-121 Majhgra /	0.05.58 hec.
16	Maintenance and Medaling of existing old road on favour of Gram Panchyat Shateyan	Gram Panchyat Shateyan	9-HPB 2561/2004 dated 29.03.2004.	DPF-104 Kangar.	12.45 hec
17	Erection of Microwave Tower by Tata Teleservices Limited Theog	M/S Tata Teleservices Limited Shimla.	9-HPB 362/2005 CHA dated 10.08.2005.	D -104 Kangar	/ 0.0.16 hec
18	C/o Kharapatther Chandel Shilaroo road	XEN (B&R) HP,PWD Jubbal Division.	9 HPB 2549/2009 CHA dated 13.06.2007.	UPF-440 Darkoti	2.91 hec (1.70 hec.)
19	Widening of existing State Highway Theog HatKoti Road.	XEN (B&R) HP,PWD Jubbal Division.	9-HPB 461/2005 CHA dated 22.12.2005.	UPFs, DPF	0.0.87
20	Kuthan to Devgarh Road	XEN (B&R) HP,PWD Theog Division.	9-HPB 106 /2006 CHA dated 01.12.2006.	U-347, 348 0.04.41 hec.	
21	HIMFED C/o Fertilizer Godown at Rawalakiar	Managing Director HIMFED Shimla	9HPB 334/2006 CHA dated 20.12.2007.	Charagah Darhktan- Mauza Chamera /	0.05.79 hec
22	C/O Khanor nalla to Jahu road	XEN (B&R) HP,PWD Theog. Division	9-HPB 1254/2006 CHA dated 11.10.2007.	U-139 Khanor nalla, U-138 Jau	/ 1.2.18 hec.
23	Augmentation of Water Supply to Shimla town From Giri River.	XEN Water Supply & Sewaerage Division,. New Shimla Distt .Shimla. H.P.	9-HPB 477/2006 CHA dated 31.08.2006.	RF	2.12.36 hec
24	Badruni Ghatti to Kuffer Bag	XEN (B&R) HP,PWD Jubbal Division.	9-HPB 102/2007 CHA dated 21.06.2007.	D-183 & UPF Jaroth	0.66 hec
25	C/O Theog-Kotkhai –Hatkoti road	XEN (B&R) HP,PWD Jubbal Division.	9-HPB 842/2007 CHA dated 16.09.2008.	UPFs, RFs, DPF	0.13.52 hec.
26	Widening of T.K.H RD	XEN (B&R) HP,PWD Jubbal Division.	9-HPB 363/2007 CHA dated 22.05.2008.	UPFs, RFs, DPF	01.93.16 hec
27	J.P. Powergrid	Jay Pee Poergrid Ltd.	8-18/2008 FCA dated 21.07.2009.	UPF/DPF/.	18.16 hec
28	C/o Cricket Stadium Gumma at Kotkhai	Distt Youth Services & Sports Officer, Shimla.	9-HPB 282-2010 CHA dated 15.02.2011.	UPF-490/	1.61 hec
29	Link Road village Kundali	E XEN (B&R) HP,PWD Theog Division	9-HPB 135/2010 CHA dated 11.03.2011.	UPF /	0.02.72 hec
30	Tikker to Barog road	XEN (B&R) HP,PWD Theog Division.	9-HPB 183/2010 CHA dated 26.09.2011.	UPF- 358 Chakna & U-357 Tikker Barog.	0.02.27 hec

31	Widening of Theog-Hatkoti road.	XEN(B&R) HP, PWD Jubbal Division.	9-HPB 197/2009 CHA dated 15.02.2010.		0.49.30 hec.
32	C/O Tuna Kali Temple Road	XEN (B&R) HP, PWD Jubbal Division.	9-HPB 133/2010 CHA dated 18.10.2011.	RF/ Chambi Kuper /	0.86hec.
33	C/O Khatandi Nalla to Amar Nager	XEN (B&R) HP, PWD Jubbal Division.	9-HPB 135/2010 CHA dated 16.01.2012.	UPF 442 Khandli Dawandi marathu	01.14hec
34	C/o Khanog-Pungrish road	XEN (B&R) HP, PWD Jubbal Division.	9-HPB 134/2010 CHA 07.09.2012.	RF-13-Chambikuper	0.02.07 hec
35	C/O Vetnary Dispensary at Stanadali.	Deputy Director Animal Health/Breeding Shimla.	Ft 48-2222/2011 FCA dated 17.12.2011.	UPF-446	0-01-50
36	C/O Theog-Hatkoti road	XEN (B&R) HP,PWD Jubbal Division.	9-HPB 551/2010 CHA dated 01.07.2011.	FR/DPF/UPF	0.7.11hec.
37	Vet Dispensary at Premnager	Deptt. Of Animal Husbandry Deputy director Animal healthy Breeding Shimla.	Ft 48-2404/2012 CHA dated 09.08.2012.	DPF-171 Kamahli	0.02.50 hec
38	C/o Kuri Mohali road	XEN (B&R) HP, PWD Jubbal Division.	9-HPB 099/2012 CHA dated 13.09.2013.	UPF-430- Kuri Mohali /	0.89.73 hec
39	C/o Bus stand at Kotkhai	Regional Manager HRTC,Region -1, Taradevi Shimla -10	9-HPB 176/2012 CHA dated 10.09.2012.	RF-13-Chambikuper C1/	0.23.52 hec
40	P.H.C. at Garawag	Block Medical Officer, Jubbal Kotkhai Block, Kotkhai .Distt Shimla	Ft. 48-2392/2012 dated 12.09.2012.	RF-13 Chambi Kuper	0-07-50 hec
41	G.H.S. Jais	Dy. director higher Education, Distt Shimla, Shimla-1	Ft. 48-2402/2012 FCA dated 06.07.2013.	UPF-323- Jais	0.24.19 hec
42	C/O Charu Bag – Barwi-Grawag Road	XEN (B&R) HP, PWD Jubbal Division.	9-HPB 065/2012 CHA dated 01.05.2013.	UPF-433 & 434.	2.85.5 ha.
43	Lohrab Banjari Sounthal	XEN (B&R) HP, PWD Theog Division.	9-HPB 067/2012 CHA dated 01.04.2013.	UPF-300 Lohrab	1.6 ha.

Abstract

Land diverted in Hac	RF	DPF	UPF	G. Total
Total	8.85.02	27.48.57	46.38.32	82.71.91

APPENDIX – VI

RANGES, BEATS AND THEIR HEADQUARTERS AND AREA

Sr. No.	Range	Area	H.Q	Beats	H.Q	Area	Remarks
1.	Balson	8417.00	Deha	Balag	Balag	1571.7	
2.				Deha	Deha	986.40	
3.				Dhar Kalna	Kalna	927.5	
4.				Ghorna	Ghorna	323.90	
5.				Janahan	Janahan	1296.2	
6.				Kuthar	Kuthar	1414.5	
7.				Pachhad	Khagna	898.20	
8.				Prali Ghoond	Ghoond	476.60	
9.				Shilla Ghoond	Ghoond	510.60	
1.	Kotkhai	13963.72	Kotkhai	Baghal	Raindal	1113.9	
2.				Baghi	Baghi	770.11	
3.				Deori- Khaneti	Chaknoti	666.4	
4.				Dharonk	Prem Nagar	960.0	
5.				Gohach	Kalbog	792.80	
6.				Gazta	Gazta	393.90	
7.				Grawag	Kurhi	1869.7	
8.				Himri	Himri	1026.60	
9.				Kalala	Kalala	966.2	
10.				Kotkhai	Kotkhai	584.0	
11.				Mahasu	Mahasu	371.50	
12.				Mihani	Reoth	971.40	
13.				Ratnari	Ratnari	860.77	
14.				Reoghati	Reoghati	760.90	
15.				Shilla Gaon	Kadahi	619.60	
16.				Tharola	Kathandli Nala	1245.50	
1.	Theog	11300.80		Chadara	Gadah Kufar	570.6	
2.				Cheog	Cheog	756.5	
3.				Dharech	Kolmu	955.5	

4.				Dharmpur	Bagi-Jubbar	864.2	
5.				Dharti	Kathog	433.3	
6.				Gowai	Sariaon	538.5	
7.				Jugo	Rahighat	300.2	
8.				Kalanj	Bekhality	219.4	
9.				Kaleri	Sariaon	949.8	
10.				Khalashi	Bekhality	673.1	
11.				Kufri	Galu	692.1	
12.				Matiana	Matiana	799.8	
13.				Palaina	Cheog	351.3	
14.				Rajana	Mahaoug	409.5	
15.				Ratesh	Shakil	428.2	
16.				Sandhu	Sandhu	497.8	
17.				Sarog-Kiari	Sarog	216.9	
18.				Shalli	Theog	293.3	
19.				Shilli	Mahori	1350.8	

APPENDIX – VII

LIST OF FOREST REST HOUSES AND INSPECTION HUTS

Range	Particulars	Year of Construction	Cost
Theog Range	F.R.H Cheog	1945-46	12,000/-
Kotkhai Range	F.R.H Mahasu	2013-14	23,30,800/-
--Do--	F.R.H Kalala	Not Known	Not Known
--Do--	F.R.H Kalbog	Not Known	Not Known
--Do--	F.R.H Gazta	1957-58	8,000/-
Balson	F.R.H. Khagna	1945-46	12,000/-
Inspection Huts			
Theog Range	I/ Hut Dharampur	Not Known	Not Known
--Do--	I/Hut Gadah Kufer	Not Known	Not Known
Kotkhai Range	I/Hut Kuri Mohli	1942-43	650/-
Balson Range	I /Hut Ghorna	Not Known	Not Known
--Do--	I/Hut Kalna	1958-59	10,500/-
--Do--	I/Hut Ghoond	Not Known	Not Known
--Do--	I/Hut Basadhar	Not Known	Not Known
--Do--	I/Hut Kuthar	2011-12	11,20,000/-
--Do--	I/Hut Kalbog	Not Known	Not Known

APPENDIX – VIII

LIST OF DIVISIONAL FOREST OFFICERS OF THEOG FOREST DIVISION
SINCE 1984

<i>Sr. No.</i>	<i>Name and Rank</i>	<i>From</i>	<i>To</i>
1.	Sh. B.D. Bhartiya (PFS (II))	01.06.84	09.06.1984
2.	Sh. P.C. Chandel PFS	10.08.84	14.10.1984
3.	Sh. Vinay Tandon, IFS	15.10.84	04.01.1987
4.	Sh. D.C. Khanduri, IFS	05.01.1987	08.02.1987
5.	Sh. Tajinder Singh, IFS	09.02.1987	12.01.1990
6.	Sh. S.P. Vasudeva, IFS	13.01.1990	01.02.1990
7.	Sh. A.C. Sharma, IFS	02.02.1990	29.04.1993
8.	Dr. Pavnesh Kumar, IFS	30.04.1993	01.07.1997
9.	Sh. V.K. Singh, IFS	01.07.1997	23.07.1998
10.	Sh. C. B. Pandey IFS	24.07.1998	24.04.2000
11.	Dr. Chandresh Sharma, IFS	25.04.2000	06.08.2000
12.	Sh. Kehar Singh Thakur, IFS	07.08.2000	27.08.2001
13.	Sh. Ashok Chauhan, HPFS	27.08.2001	14.07.2005
14.	Sh. B.L. Verma, HPFS	26.07.2005	09.11.2005
15.	Sh. D.K. Khatta, HPFS	10.11.2005	11.07.2007
16.	Sh. B.R. Chaudhary, HPFS	12.07.2007	05.03.2009
17.	Sh. B.L. Verma, HPFS	10.03.2009	03.06.2009
18.	Sh. H.K. Sarwata, HPFS	04.06.2009	16.09.2009
19.	Sh. B.L. Verma, HPFS	17.09.2009	31.01.2010
20.	Sh. D.R. Kaushal, IFS	01.02.2010	18.09.2010
21.	Sh. N.P. Bharot, HPFS	19.09.2010	11.11.2010
22.	Sh. L.R. Chauhan, HPFS	12.11.2010	30.09.2011
23.	Sh. J.S. Dulta, HPFS	05.03.2011	07.04.2011
24.	Sh. P.S. Verma, HPFS	30.09.2011	Onward

APPENDIX-IX

LIST OF EXISTING BUILDINGS

Range	Particulars of Bldge Condition	Year of construction	Cost	Present Condition
Buildings				
Balson Range	Range office Cum Residence Balson (Daha)	1961-62	12,480/-	Needs repair
--Do--	F.G .Hut Daha	1955-56	4000/-	Needs repair
--Do--	H.Q. Store room Deha	Not Known	Not Known	Needs repair
--Do--	Labour Hut Deha	2007-08	Not Known	-
--Do--	F.G. Hut Kalana	Not Known	Not Known	Needs repair
--Do--	F.G .Hut Ghoond	1960-61	4000/-	Needs special repair
--Do--	Mali Hut Bajroli	Not Known	Not Known	Special repair required
--Do--	F.G .Hut Kuthar	Not Known	Not Known	Special repair required
--Do--	B.O Quarter Ghorna	Not Known	Not Known	Special repair required
--Do--	Gang Hut Daha	Not Known	Not Known	Special repair required
--Do--	Van Thana Balson (Sainj)	2010-11	-	Under completion
--Do--	Gang Hut Balag	Not Known	Not Known	Special repair required
Kotkhai Range	Range office Cum Residence Kotkhai	1894	382/-	Special repair
--Do--	B.O. Quarter Kotkhai	1961-62	Not Known	Destroyed

--Do--	F.G .Hut Kotkhai	Not Known	Not Known	Not worth living
--Do--	F.G .Hut Garaog	Not Known	Not Known	Not worth living
--Do--	F.G. Hut Gazta	Not Known	760/-	Not worth living
--Do--	F.G .Hut Kalala (1)	1985-86	Not Known	Needs repair
--Do--	F.G .Hut Kalala (2)	1948-49	1233/-	Not worth living
--Do--	F.G .Hut Tomru (Kathandli)	1941-42	410/-	Not worth living
--Do--	F.G .Hut Kalbog	Not Known	Not Known	Needs special repair
--Do--	F.G. Hut Mihani	Not Known	Not Known	Needs special repair
--Do--	F.G. Hut Chaknoti	1959-60	3925/-	Not worth living
--Do--	F.G. Hut Reoghatti	Not Known	Not Known	Needs repair
--Do--	F.G. Hut Baghal	1957-58	4000/-	Needs special repair
--Do--	B.O. Quarter Kalbog	Not Known	Not Known	Needs special repair
--Do--	B.O. Quarter Baghi	Not Known	Not Known	Needs repair
--Do--	B.O. Quarter Mahasu	1960-61	5700/-	Special repair required
--Do--	F.G .Hut Mahasu	1960-61	4000/-	Needs repair
Theog	Divisional Forest Office Theog	1991-93	Not Known	Needs repair
--Do-(T-IV)	DFO Residence & ACF Residence Theog	1992-93	Not Known	Needs Repair
--Do—(T -III)	Supdt. Residence Theog	1987-88	145000/-	Repair required

--Do—(T- II)	12 Quarters, 6 Building	1987-90	Not Known	Repair required
--Do-- (T –I)	1 Quarter at Rahighat	1987-88	90000/-	Deplorable/ Repair required
--Do--	Seed Store Theog	Not Known	Not Known	-
Theog Range	Range office Cum Residence Theog	1987-88	230000/-	Repair required
--Do--	B. O. Quarter Theog	1957-58	6000/-	Repair required
--Do--	R/C Quarter Theog	1965-66	10000/-	Repaired required
--Do--	F.G. Hut Theog	1962-63	4000/-	Repair required
--Do--	F.G. Hut Sarog	1962-63	4000/-	Repair required
--Do--	F.G. Hut Raighat (Jugoo)	1954-55	3300/-	Needs special repair
--Do--	F.G. Hut Sariun (Kaleri)	1990-91	Not Known	Repair required
--Do--	F.G. Hut Sainj	1959-60	5000/-	Repair required
--Do--	Gang Hut Sariun (Gowai)	1999-2000	192000/-	Repair required
--Do--	Watcher Hut Bhekhalti	1999-2000	150000/-	Repair required
--Do--	Watcher Hut Dharmpur Dibba	1999-2000	150000/-	Repair required
--Do--	B.O Quarter Cheog	1957-58	8000/-	Repair required
--Do--	F.G. Hut Cheog	1957-58	4000/-	Repair required
--Do--	F.G. Hut Plaina (Cheog)	Not Known	Not Known	Repair required
--Do--	F.G. Hut Ratesh (Tayali)	Not Known	Not Known	Repair required
--Do--	Watcher Hut Ratesh (Tayali)	1999-2000	192000/-	Repair required
--Do--	F.G Hut Kufri (Bithu)	1954-55	3300/-	Repair required

--Do--	F.G. Dharech (Kolmu)	1955-56	4000/-	Repair required
--Do--	F.G. Kalanj (Bhekhalti)	1960-61	4049/-	Deplorable
--Do--	B.O Quarter Matiana	1917-18	2500/-	Repair required
--Do--	F.G Hut Matiana	1917-18	Not Known	-
--Do--	F.G Hut Dharti (Kathog)	1962-63	4000/-	Special repair required
--Do--	F.G Hut Dharampur (Bagi jubbar)	Not Known	Not Known	Not worth living
--Do--	F.G Hut Sandhu	1957-58	4065/-	Special repair
--Do--	F.G Hut Shilli (Mohri)	Not Known	Not Known	Not worth living
--Do--	F.G. Hut Gadah Kufar	1962-63	4000/-	Special repair

APPENDIX-X

LIST OF ROADS AND INSPECTION PATHS

Range	Particulars of Roads/Path	Length (Kms)	Year of Construction	Cost
Jeepable Road				
Balson Range	Ali Dhar To Kadharan	2 Km	Not Known	Not Known
--Do--	Deha To Bagri	8Km	Not Known	Not Known
Kotkhai Range	Link Road To FRH Kalala	1.5Km	Not Known	Not Known
--Do--	Link road to FRH Mahasu	150 mts.	2012-13	Not Known
--Do--	Chander Nagar to F.R.H. Mahasu	900 mts.	2013-14	4,00,000/-
--Do--	Barchilli to Drabala	4 K.m.	2012-13	5,00,000/-
Theog Range	Approach road to Forest Colony	1.4Km	Not Known	Not Known
Bridle Paths				
Balson Range	Ghorna To Chadaha	7.2 Km	Not Known	Not Known
--Do--	Biran To Ghoond	4Km	Not Known	Not Known
--Do--	Kishor To Basa Dhar	3.5 Km	Not Known	Not Known
--Do--	Mahasu To Kalna	8 Km	Not Known	Not Known
--Do--	Alidhar to Pundar Ghatti	4 Km		
--Do--	Kalna to Dandi	5 Km		
Kotkhai Range	Kotkhai To Mohali Upper	13.1 Km	Not Known	Not Known
--Do--	Kotkhai To Garog	15.2 Km	Not Known	Not Known

--Do--	Mohali To Phanta	2.5 Km	Not Known	Not Known
--Do--	Kalala To Shararoo Dhar	3 Km	Not Known	Not Known
--Do--	Chaknoti To Baghal	16.1Km	Not Known	Not Known
--Do--	Gumma To Jashla	33.2Km	Not Known	Not Known
--Do--	Salyana Odhidhar	9.6Km	Not Known	Not Known
--Do--	Chander Nagar Deora Nal to Bag	1 Km		
--Do--	Pantha ghatti to Chambi Dhar	5 Km		
--Do--	Reoghatti to Saran Dhar	2 Km		
--Do--	Bandli to Drabala	3 Km		
Theog Range	Sarion To Rajinder Rakh C-III	4.8Km	Not Known	Not Known
--Do--	Bhekhalti To Cheog	5 Km	Not Known	Not Known
--Do--	Circular Road Cheog	13 Km	Not Known	Not Known
--Do--	2/27 Narainty DPF	4 Km	Not Known	Not Known
--Do--	Sarya To Gagan Ghati	2.4 Km	Not Known	Not Known
Inspection Paths				
Balson Range	Doba DPF	3 Km	Not Known	Not Known
--Do--	Chadaha DPF	0.1 Km	Not Known	Not Known
--Do--	Chambi To Dandi	10.4 Km	Not Known	Not Known

--Do--	Shirgul DPF	(2.2 Km	Not Known	Not Known
Kotkhai Range	RF Kalala	2.4 Km	Not Known	Not Known
--Do--	Chambi Kupper To Kotkhai uppar RF	8.5 Km	Not Known	Not Known
--Do--	Chambi kuper RF	3.9Km	Not Known	Not Known
--Do--	Kotkhai To Garaog	8.2 km	Not Known	Not Known
--Do--	Mohali To Garaog	5.5Km	Not Known	Not Known
Theog Range	Tir Mahasu C-I & II	4 Km	Not Known	Not Known
--Do--	Rain Ghati To Narinty	4.8 Km	Not Known	Not Known
--Do--	Guthan C-I & II	4 Km	Not Known	Not Known
--Do--	Raighat To Sariun Ghatti	8 Km	Not Known	Not Known

APPENDIX- XI

Fire Lines in Theog Forest Division

a) Balson Range		
i)	Alidhar to Pundar Ghatti	4 Km
ii)	Ghoond to Biran	3 Km
iii)	Kalna to Dandi	5 Km
b) Theog Range		
i)	D-115 Kaleri, C-I	2.5 Km
ii)	D-126 Guthan, C-I, C-II	3 Km
iii)	D-110 Khaneor	2.5 Km
iv)	D-63 Tikkar	2 Km
v)	D-112 Gharail	2.5 Km
c) Kotkhai Range		
i)	R-16 Kalala, C-VII to C-VIII	2 Km
ii)	R-13 Chambi Kupa	4 Km
iii)	D-186 Gohach	2 Km
iv)	Dhar Kalna Mahasu	-

APPENDIX – XII

**FOREST LAND TRANSFERRED FROM ROHRU FOREST DIVISION
TO THEOG FOREST DIVISION**

1. From Rohru Forest Division to Theog Forest Division

Sr. No.	Name of Forest	Comptt. No.	Area in ha	Allotment To	
				W.C.	P.B's
1.	Mail	C-Ia	93.48	-	-
2.	Ratnari	C-Ib	42.23	-	-
3.	Ratnari	C-Ic	57.73		
4.	Sonabatola	C-2bI	46.94	-	-
5.	-Do-	C-2bII	75.68	-	-
6.	UPF Jaubag	-	181.30	-	-
7.	UPF Firodi	-	115.34	-	-
8.	UPF Haatu	C-I	94.83	-	-
9.	UPF Haatu	C-II	52.2	-	-
10.	UPF Haatu	C-III	80.81	-	-
11.	UPF Khagtadhar	-	20.23	-	-
12.	Baghi	C-2a	40.87	-	-
13.	UPF Matlu	-	34.80	-	-
14.	UPF Chambi	-	361.79	-	-
15.	UPF Jhora	-	80.94	-	-
16.	UPF Lambipash	-	195.46	-	-
17.	UPF Odidhar	-	56.25	-	-
	Total		1630.88		

2. From Balson Range of Forest Division Theog to Kotkhai Range of Theog Forest Division

Sr. No.	Name of Forest	Comptt. No.	Area in ha	Area of cultivation	Net Area	Allotment To	
						W.C.	P.B's
1.	D-162 Koti	C-I	108.4	19.4	89.	Deo/Kail	P.B.II
2.	-Do-	C-II	42.0	-	42.0	-Do-	P.B.I
3.	D-163 Kadhai	-	38.8	-	38.8	-Do-	P.B. II
4.	D-164 Shirghal	C-I	71.2	-	71.2	-Do-	P.B.II
5.	-Do-	C-II	27.6	-	27.6	-Do-	P.B.II
6.	-Do-	C-III	19.4	-	19.4	-Do-	P.B.III
7.	-Do-	C-IV	34.4	-	34.4	-Do-	P.B.II

8.	-Do-	C-V	28.4	-	28.4	-Do-	P.B.IV
9.	-Do-	C-VI	18.2	-	18.2	-Do-	P.B.II
10.	-Do-	C-VII	28.8	-	28.8	-Do-	P.B.III
11.	-Do-	C-VIII	32.4	-	32.4	-Do-	P.B.III
12.	-Do-	C-IX	28.4	-	28.4	-Do-	P.B.I
13.	D-165 Kathin	-	18.2	-	18.2	-Do-	P.B.II
14.	D-166 Hara Raitha	C-I	115.0	14.2	100.8	F/S	U/A
15.	-Do-	C-II	49.4	3.2	46.2	Deo/Kail	P.B.III
16.	-Do-	C-III	20.2	-	20.2	-Do-	P.B.II
17.	-Do-	C-IV	32.0	-	32.0	-Do-	P.B.I
18.	-Do-	C-V	22.2	-	22.2	-Do-	P.B.I
19.	D-167 Drabla	C-I	75.0	-	75.0	F/S	U/A
20.	-Do-	C-II	69.2	1.6	67.6	-Do-	P.B.I
21.	-Do-	C-III	18.2	-	18.2	Deo/Kail	P.B.I
22.	-Do-	C-IV	232.0	-	232.0	F/S	U/A
23.	D-168 Paulkeniche	C-I	26.2	-	26.2	-Do-	-Do-
24.	-Do-	C-II	64.4	26.8	37.6	Deo/Kail	P.B.II
25.	-Do-	C-III	48.6	-	48.6	-Do-	P.B.III
26.	-Do-	C-IV	161.8	-	161.8	F/S	U/A
27.	D-169 Katech	C-I	62.8	-	62.8	B/S	-
28.	-Do-	C-II	154.1	28.7	125.4	Deo/Kail	P.B.IV
29.	D-170 Bedar	-	1.6	-	1.6	-Do-	P.B.II
30.	D-171 Kamhali	C-I	29.2	-	29.2	-Do-	P.B.I
31.	-Do-	C-II	12.6	-	12.6	-Do-	P.B.III
32.	-Do-	C-III	56.6	21.0	35.6	-Do-	P.B.II
33.	D-172 Deoranal	-	4.0	-	4.0	-Do-	P.B.I
	Total		1751.3	114.9	1636.40		
34.	U-405 Jhanu	-	38.6	-	38.6	B/S	-
35.	U-406 Koti	-	76.1	-	76.1	Deo/Kail	P.B. IV
36.	U-407 Danagra	-	9.1	-	9.1	B/S	-
37.	U-408 Bakhol Barmu	-	30.8	-	30.8	-Do-	-
38.	U-409 Majholi	-	6.4	-	6.4	-Do-	-
39.	U-410 Ruind Mahasu	-	51.4	-	51.4	-Do-	-
40.	U-411 Bagra	-	7.2	-	7.2	Plantation	-
41.	U-412 Dhangvi	-	15.1	-	15.1	-Do-	-
42.	U-413 Chanunridag	-	1.1	-	1.1	B/S	-

43.	U-414 Didi Dashot	-	21.0	-	21.0	-Do-	-
44.	U-415 Haliala	-	7.2	-	7.2	-Do-	-
45.	U-416 Shadoli Kathin	-	25.5	-	25.5	Deo/Kail	P.B. III
46.	U-417 Bandli	-	3.4	-	3.4	B/S	-
47.	U-418 Bedar	-	7.7	-	7.7	-Do-	-
48.	U-419 Bhag Dharonk	-	14.1	-	14.1	-Do-	-
	Total		314.7	-	314.7		

APPENDIX- XIII

JFM VILLAGES

Name of Range	Name of JFM	Name of Villages
Balson	Kuftu-Mohrawag	Kuftu, Mohrawag
--Do--	Kuthar	Kuthat, Bala, Chog
Kotkhai	Mihani	Mihani
--Do--	Himri	Himri, Kadel.
Theog	Basmol	Basmol.
--Do--	Odi-Bagain	Odi, Bagain
--Do--	Hauti	Hauti

APPENDIX- XIV
MAHA-VRIKSH

Groves were Gods 1st Temples
-- Willian C. Bryant



A view of Temple of Mother (Tuna Kali) at Chewar



Photo: Deodar tree, with girth 7.93 mt. at G.L. & 7.80mt. at B.H.

Brief Note: Deodar tree with 7.93mt. (26 feet) girth at ground level and 7.8 mt. (feet) girth at breast height with height of 42.67 mt. (140 feet)

closed to Tuna Kali Temple at place Chewar a part of UPF-429 Chewar in Kotkhai Range have been adjudged the biggest tree i.e. Mahavriksh in Theog Forest Division. It is located on Theog-Kotkhai-Kharapathar State Highway 36 Km. from Theog upto place Nihari, thereafter 3 Km. on the Nihari-Grawag road and 1 Km. on foot uphill walk one reaches at this place. In the vicinity Chewar village with 24-25 houses and Temple of Mother Tuna Kali near to this grove is situated. The Chewar village and the temple established much after the tree grown have established, Sh. Balak Ram aged about 80 years, presently Kardhar of the temple disclosed this fact. The trees are worship in the Mother of Tuna Kali. Cutting of any branch is prohibited and even touching the tree is restricted to very few people as disclosed by the members of the management committee of the temple. The biggest tree photograph and mentioned above was measured with the permission of members of the Temple Committee. Thus the thought of Willian C. Bryant that the groves were God's first temples proves true when one see these 12 to 13 Deodar trees in this groves.

The elevation of this site is 2290 mt. (7513 feet) with GPS Co-ordinates as below:-

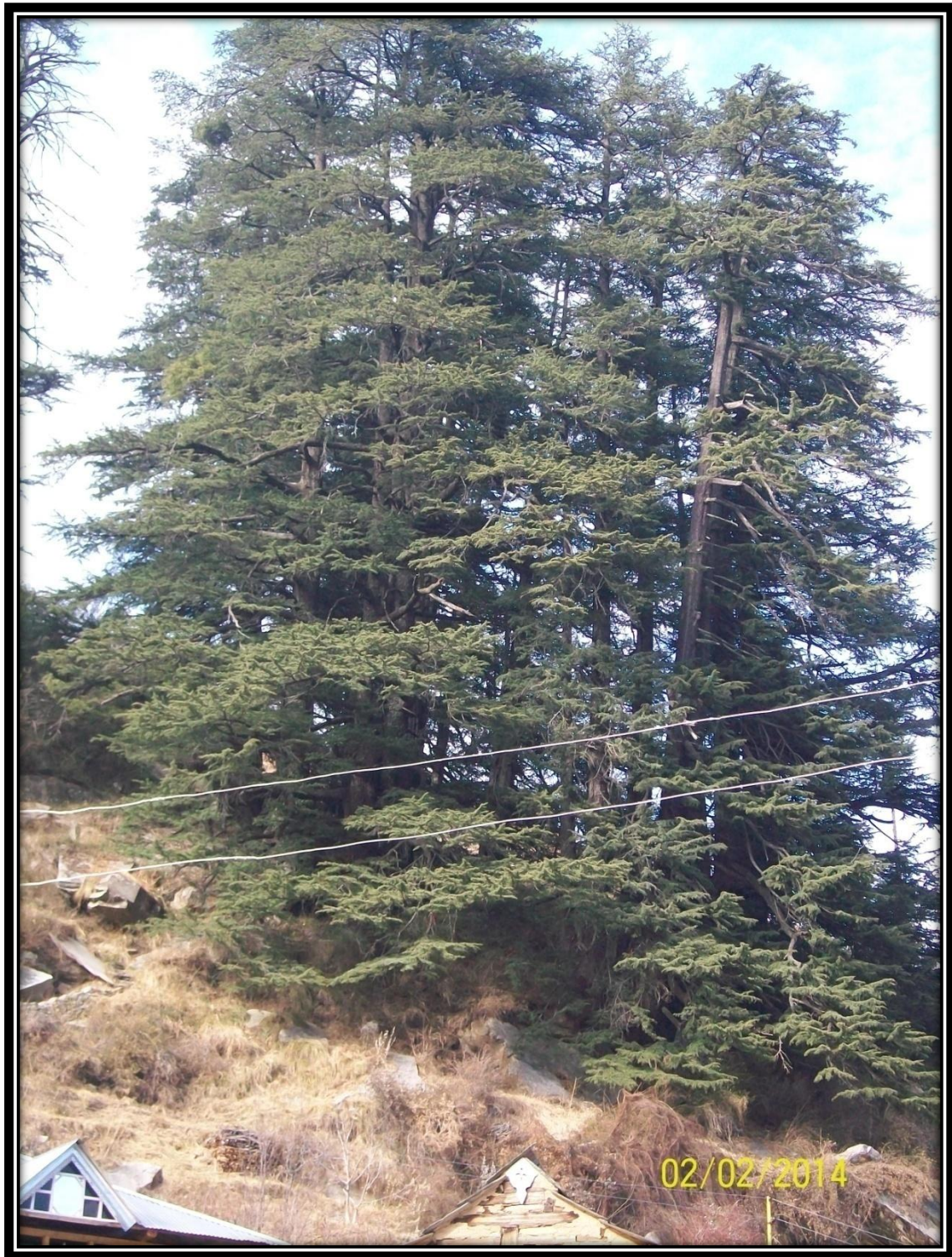
North Latitude	=	31 ⁰ -05.732
East Longitude	=	77 ⁰ -34.437



A view of another Deodar tree at Chewar. There are 3 to 4 trees of this girth which ranges from 6 to 7 mt. in girth and another 5 to 6 trees with the girth



A view of other trees with girth ranging from 3 to 5 mt. These trees are 6 to 7 Nos.



View of Deodar trees at Chewar in single grove.

APPENDIX –XV

DETAILS OF PLANTATION RAISED W.E.F. 1995-96 TO 2012-13. IN THEOG FOREST DIVISION

<i>Range</i>	<i>Year</i>	<i>Name of Forest/Area</i>	<i>Area in Ha.</i>	<i>Species</i>	<i>Remarks</i>
Balson	1995-96	UPF-366 Khaner	25 ha	Chil/ B.L.	
		UPF-366 Khaner	15 ha	Chil/ B.L.	
		UPF-357 Tikkar Baroth	8 ha	Deodar/ B.L.	
		UPF-370 Kargoli	5 ha	Chil	
		UPF-356 Kanori	4 ha	Chil/ B.L.	
		UPF-362 Deothi	8 ha	Chil/ B.L.	
		UPF-365 Banea	7 ha	Chil/ B.L.	
		UPF-364 Mahroug	5 ha	Deodar	
		UPF-394 Thanadhar	15 ha	Chil/ B.L.	
		UPF-393 Banari	9 ha	Deodar	
		UPF-368 Rail	8 ha	Chil/ B.L.	
		DPF-138 Khagna	10 ha	Fir/ B.L.	
		UPF-389 Janahan Chadren	8 ha	Deodar/B.L.	
Kotkhai	1995-96	Badog	5 ha	Deodar	
		R-16 C-IV Kalala	10 ha	Deodar	
		R-13 C-I Chambi Kupar	10 ha	Deodar	
		UPF-Sainj (Himri)	15 ha	Chil	
		UPF Chaithla	14 ha	Broad Leave	
		U-474 Tahu	9 ha	Deodar	
		UPF Jhalru	13 ha	Deodar	
		UPF Nag Raila	10 ha	Deodar	
		UPF Nag Raila (Sambar)	6 ha	Deodar	
		Chaithla	8 ha	Broad Leave	
		Pajol	7 ha	B.L.	
		UPF Bharoli	6 ha	Chil	
		UPF Jakholi	6 ha	Broad Leave	
		UPF Khanu	5 ha	B.L.	
Balson	1996-97	UPF-393 Banari	10 ha	Deodar	
		UPF-365 Baneha	5 ha	Chil	
		UPF-395 Katyana	10 ha	Chil/ B.L.	
		UPF-356 Kanodi	20 ha	Chil/ B.L.	
		UPF-366 Khaner	20 ha	Chil/ B.L.	
		UPF-389 Janahan Chadren	5 ha	Chil	

		UPF-364 Mahroug	10 ha	Deo/Chil/B.L.	
		UPF-357 Tikkar Baroth	35 ha	Chil/ B.L.	
		UPF-367 Nano-Mundoo	5 ha	Chil/ B.L.	
		UPF-394 Thanadhar	10 ha	Chil/ B.L.	
		UPF-396 Balghar	6 ha	Chil	
		UPF-388 Chilla	6 ha	Chil/ B.L.	
Kotkhai	1996-97	UPF Jashla	10 ha	Grass	
		D-179 Nag Raila	10 ha	Deodar	
			5 ha	Deodar	
		Chanodhar	15 ha	Chil	
		UPF Darkoti	15 ha	Deodar	
		UPF Barvi	10 ha	B.L.	
		Rantoo	5 ha	Deodar	
		D-151 Rasalan	10 ha	B.L.	
		UPF Thanari	10 ha	B.L.	
		UPF Along	10 ha	B.L.	
		UPF-Baghal II	10 ha	B.L.	
		UPF Jabtu	5 ha	Chil	
		UPF- Bindal-II	5 ha	B.L.	
		UPF Dhak	15 ha	Chil	
		UPF-Bindal-I			
Balson	1997-98	UPF-358 Chakhana	15 ha	Deodar/B.L.	
		UPF-373 Shilla	10 ha	Deodar	
		UPF-389 Janahan Chadren	15 ha	Broad Leave	
		UPF-356 Kanodi	5 ha	Chil/B.L.	
		UPF-366 Khaner	5 ha	Chil/B.L.	
		UPF-390 Tali Kholna	5 ha	Deodar	
		UPF-364 Mahroug	10 ha	Chil/B.L.	
		UPF-357 Tikkar Baroth	30 ha	Chil/B.L.	
		UPF-394 Thanadhar	3 ha	Broad Leave	
		UPF-397 Charain	12 ha	Chil/B.L.	
		UPF-398 Khaloth	12 ha	Deodar/Chil	
Kotkhai	1997-98	D-182 Jaroth	6 ha	Broad Leave	
		Gohach III	10 Ha	Deodar	
		Dhobi Tikkar	10 ha	Deodar	
		R-16 C-VII	5 ha	Deodar	
		UPF Pajol	10 ha	Chil	
		UPF Kalbog	15 ha	Deodar	
		UPF Dabar	10 ha	Deodar	
		UPF Tharola	10 ha	Chil	
		UPF Keeth	10 ha	Chil	

		Rasalan	10 ha	Broad Leave	
		Nag Raila	10 ha	B.L.	
		Purag	7 ha	Chil	
		Chadara	5 ha	Chil	
		Nag Raila	5 ha	Chil	
		D-183 Rella	5 ha	B.L.	
Theog	1998-99	Shalli	10.0 ha	Deodar	
		Gagan Ghatti	5.0 ha	Deodar	
		Sholwi	5.0 ha	Deodar	
		Silu	5.0 ha	Deodar	
		Kalju	5.0 ha	Deodar	
		Shilli	10.0 ha	Chil/B.L.	
		Bagra	5.0 ha	Chil/B.L.	
		Kuthar Nala	5.0 ha	Chil/B.L.	
		Kuthar	5.0 ha	Chil/B.L.	
		Pauri Nala	5.0 ha	B.L.	
		Khabar Nala	10.0 ha	Chil/B.L.	
		Koti	10.0 ha	Chil/B.L.	
		Satog Nala	5.0 ha	Chil/B.L.	
		Gagan Ghatti	5.0 ha	B.L.	
		Rookti	5.0 ha	Chil/B.L.	
		Dhar	10.0 ha	Chil/B.L.	
		Dhali	10.0 ha	Chil/B.L.	
		Tikkar Dhala	5.0 ha	Chil/B.L.	
		Gowas Kufta	5.0 ha	B.L.	
		Tankoti	5.0 ha	B.L.	
Balson	1998-99	UPF-357 Tikkar Baroth	15 ha	Chil/B.L.	
		UPF-389 Janahan Chadren	15 ha	Deodar/B.L.	
		UPF-366 Khaner	10 ha	Chil/B.L.	
		UPF-367 Nano-Mundoo	5 ha	Chil/B.L.	
		UPF-407 Danogra	5 ha	Deodar	
		UPF-362 Deothi	15 ha	Chil/B.L.	
		UPF-360 Ghog	15 ha	Chil/B.L.	
		UPF-394 Thanadhar	6 ha	Broad Leave	
		UPF-356 Kanodi	10 ha	Chil/B.L.	
		UPF-369 Dagkli	10 ha	Broad Leave	
		UPF-396 Balghar	5 ha	Chil/B.L.	
		UPF-368 Rail	5 ha	Broad Leave	
		UPF-397 Charain	6 ha	Chil/B.L.	
Theog	1999-2000	Bithu	6 ha		
		Bagri	7 ha		

		Deothu Dhar	5 ha		
		Shila Thach	7 ha		
		Kauuti	18 ha		
		Balan Dhar	4 ha		
		Sarog	4 ha		
		Ruwan	5 ha		
		Kamati	7 ha		
		Bhalech	5 ha		
		Satal Nala	5 ha		
		Kelti Dhar	8 ha		
		Draul	5 ha		
		Nahol	11 ha		
		Bhalyana	11 ha		
		Kadhrab	5 ha		
		Mehla	5 ha		
		Bithu	1 ha		
		Bhalech	5 ha		
		Makhrol	5 ha		
		Kur	5 ha		
		Shintoo Ghati	5 ha		
		Bithu	4 ha		
Balson	1999-2000	U-392 Meha Kupar	7 ha		
		U-364 Mahrowg	6 ha		
		U-397 Carain	6 ha		
		U-362 Deothi	7 ha		
		U-357 Tikar Bharoth	5 ha		
		U-356 Kanoti (Kunch)	10 ha		
		D-129 Zerna	5 ha		
		U-365 Baneya	10 ha		
		U-368 Rail	10 ha		
		U-395 Katiyana	3 ha		
		U-369 Dhagali	5 ha		
		U-370 Kargoli	3 ha		
		U-389 Jhanahan	10 ha		
		U-394 Thana dhar	6 ha		
		U-365 Baneya	10 ha		
		D-140 Lakhoti	5 ha		
		U-364 Jay Kashna	10 ha		
		U-394 Thana dhar	5 ha		
		U-365 Knorhi	5 ha		
		U-368 Rail	9 ha		
		U-396 Balghar	6 ha		
		U-367 Nanoo	7 ha		
		U-396 Balghar	7 ha		

		U-367 Nanoo	5 ha		
		U-396 Balghar	5 ha		
Kotkhai	1999-2000	Tharu Nala	7 ha		
		Deori Barsari	11 ha		
		Nag Rella C-II	10 ha		
		Nalog	8 ha		
		Tahu	3 ha		
		Jandoli	6 ha		
		Mihani	5 ha		
		R-13 Chambi Kupar	5 ha		
		Braun	3 ha		
		Rasalan	15 ha		
		Gohach C-II a	10 ha		
		Bajowa	10 ha		
		R-16 Kalala C IX b	6 ha		
		R-16 Kalala C X a	5 ha		
		Gohach C I	5 ha		
		Bajvi	10 ha		
		Chaknoti Khad	10 ha		
		R-13 C IV a	5 ha		
		R-13 C XIII	5 ha		
		Naina dhar	10 ha		
Theog	2000-01	Sainj-I	2 ha	Grass	
		Barog	9 ha	Deodar	
		Bajashra	2 ha	Chil	
		Sainj-II	3 ha	Chil/B.L.	
		Jais	7 ha	Deodar	
		Pagah	6 ha	Deodar	
		Haat	5 ha	Chil	
		Shigaar	8.5 ha	Chil/B.L.	
		Sainj-III	3 ha	Grass	
		Motani	4 ha	Grass	
		Gajari	2 ha	Chil	
		Nahot (Aut)	4 ha	Daru	
		Bhalayana	4 ha	Broad Leave	
Balson	2000-01	D-131 Deha	2 ha	Grass	
		U-356 Kanodi-I	5 ha	Chil	
		U-369 Dagghali-I	2 ha	Chil	
		U-369 Dagghali-II	2 ha	Chil	
		U-356 Kanodi-II	7 ha	Chil/B.L.	
		U-396 Balghar	6 ha	Chil/B.L.	
		U-367 Nanoo	10 ha	Chil/B.L.	
		U-356 Kanodi-III	4 ha	Chil/B.L.	
		D-166 Hara Ritha	6 ha	Grass	

		U-368 Rail	10 ha	Chil/B.L.	
		U-389 Janahan	5 ha	Deodar/B.L.	
		D-140 Lakhoti	5 ha	Deodar	
Kotkhai	2000-01	U-420 Chaithla	3 ha	Vitex	
		D-177 Gahan Jarahi	10 ha	Deodar	
		R-16 Kalala	2 ha	Deodar	
		U-440 Darkoti	8 ha	Deodar	
		R-13 Chambi Kupa	6 ha	Deodar	
		D-179 Nag Rella-I	5 ha	Deodar	
		R-16 Kalala (C-V)	4 ha	Deodar	
		D-177 Gahan Jarahi	7 ha	Broad Leave	
		U-440 Darkoti	3 ha	Deodar	
		D-181 Rasalan	13 ha	B.L.	
		Bharala	7 ha	Deodar/B.L.	
		D-179 Nag Rella-II	7 ha	Deodar	
Theog	2001-02	U-326 Leloo dhar	5 ha	B/L	
		D-29 Shalli ka teer	5 ha	Deodar	
		Shakar	5 ha	B/L	
		Shaina	1 ha	Chil	
		U-299 Shaina	5.9 ha	Chil	
		Ghatloo	5 ha	Deodar	
		Shaina	3 ha	Chil	
		Chila dhar	5 ha	Chil, B/L	
		Dawarath	5 ha	Chil	
		Bhariana	5 ha	B/L	
		Gijari Bagra	1 ha	B/L	
Balson	2001-02	U-372 Kharori	5 ha	B/L, Deodar	
		U-362 Deothi	5 ha	Chil, B/L	
		U-356 Kanodi	4 ha	Chil, B/L	
		U-396 Jarashi	5 ha	Chil, B/L	
		U-369 Dhagali-I	5 ha	Chil, B/L	
		U-369 Dhagali-II	3 ha	B/L	
		Deothi/Kuthar	10 ha	Deodar	
		Katiyana	5 ha	Chil, B/L	
		U-364 Maharawag	10 ha	B/L	
		UPF-367 Nano-Mundoo	5 ha	Deodar, B/L	
		Nanoo	7 ha	Chil, B/L	
Kotkhai	2001-02	U-420 Chaithla	8 ha	Deodar	
		D-179 Nag Rella (C-II)	5 ha	Deodar	
		U-Jarahi	5 ha	Deodar	
		D-178 Gawali Dhar	5 ha	B/L	
		U-420 Chaithla	5 ha	B/L	
		U- Bhareti	5 ha	B/L	
		D-177 Gahan Jarahi	3.3 ha	Deodar	

		U- Kalbog	6 ha	Deodar	
Theog	2002-03	Ghatloo	5 ha	Deodar	
		Taprain	5 ha	Deodar	
		Bhagharu	4 ha	Chil	
		Sainj	2 ha	Chil	
		Shilli	2 ha	Chil	
		Sanai	5 ha	Chil	
		Sanai	3 ha	Chil	
		Shehari	3.5 ha	B/L	
Balson	2002-03	U-368 Rail	5 ha	Chil, B/L	
		U-362 Deothi	5 ha	Chil, B/L	
		U-368 Rail	3 ha	Chil, B/L	
		U-368 Rail	1 ha	Chil, B/L	
		U-367 Nanoo Mundoo	8.5 ha	Chil, B/L	
		U-366 Khanor	4.5 ha	Chil, B/L	
		U-Lakhoti	4 ha	Deodar	
Kotkhai	2002-03	R-13 Chambi Kupar (C-V)	5 ha	Deodar	
		R-15 Tumroo	5 ha	Deodar	
		U-Kot Himri	4 ha	Deodar	
		U- Bhalala Mihani	1 ha	Deodar	
		U-Rukhla	4.5 ha	B/L	
Theog	2003-04	Tharot	5.8 ha	Deodar	
		Karani	5 ha	Deodar	
		Bhagaru	4 ha	Chil	
		Bithu	7 ha	Deodar	
		Dral	5 ha	Chil	
		Jarashi	3 ha	B.L.	
		Janaul	5 ha	Chil/B.L.	
		Nahol	4 ha	Chil	
		Prala II	5 ha.	B.L.	
Balson	2003-04	DPF-149 Dabar	5 ha	Deodar/B.L.	
		UPF-371 Chambil Bakhayan	9 ha	Deodar	
		UPF-362 Deothi	5 ha	Deodar	
		UPF-368 Rail	8 ha	Chil/B.L.	
		UPF-369 Dagkli	4 ha	Broad Leave	
		U-356 Kanodi	5.5 ha	Chil/B.L.	
		UPF-401 Khar	3 ha	Broad Leave	
		UPF-366 Khaner	2 ha	Chil/ B.L.	
Kotkhai	2003-04	DPF Jarai	5 ha	Deodar	
		D-177 Gahan (Jarai)	9 ha	Deodar	
		D-180 Kalala	2 ha	Deodar	
		U-456 Badrooni	6 ha	Deodar	
		U-Farodi	6 ha	Deodar	

		U-420 Chaithla	5 ha	Deodar	
		R-16 Kalala-IX	2 ha	Deodar	
		R-16 Kalala C-IV	2 ha	Deodar	
		DPF Baghi	2 ha	Deoda, Chil/ B.L.	
		U-455 Thanari	4 ha	Deodar	
		U-455 Thanari	3.5 ha	Deodar	
		DPF Gohach III	6 ha	Deodar	
		D-177 Gahan Jarai	3 ha	Deodar	
		D-178 Gawali Dhar	2.6 ha	Deodar	
		U- Chano Dhar	4 ha	Chil/B.L.	
		U-Kalbog	7 ha	Deodar	
Theog	2004-05	Sainj	2 ha	B.L.	
		Gadla	4 ha	Chil	
		Khol Nala	2 ha	Chil	
		Tanj	7 ha	Deodar	
		Sanai	2.8 ha	Chil/B.L.	
		Kadoti	20.0 ha	Chil/B.L.	
		Makhrol	5 ha	B.L.	
		Bagna	6 ha	B.L.	
		Shalli I	10 ha	Deodar	
		Shalli II	10.0 ha	Brass	
		Narainty	20.0 ha	Deodar/B.L.	
		Sholwi	5 ha	Deodar	
		Rohroo	10.0 ha	Deodar	
		Khalashi I & II	20.0 ha	B.L.	
		Pohach	10.0 ha	Deodar	
		Lanu	5 ha	B.L.	
		GowasKufta	10.0 ha	Chil	
Balson	2004-05	UPF-356 Kanodi	4 ha	Deodar/B.L.	
		UPF-368 Rail	4 ha	Broad Leave	
		UPF-359 Daskya	10 ha	Chil	
		U-364 Maharawag	3 ha	Deodar/B.L.	
		DPF-140 Lakhoti	1 ha	Broad Leave	
Kotkhai	2004-05	DPF Baghi	2 ha	Deodar	
		U-455 Thanari	4 ha	Deodar	
		U-455 Thanari	3.5 ha	Deodar	
		DPF Gohach III	6 ha	Deodar	
		D-177 Gahan (Jarai)	3 ha	Deodar	
		D-178 Gawali Dhar	2.6 ha	B.L.	
		UPF Chano Dhar	4 ha	Chil/B.L.	
Theog	2005-06	Aloti	5 ha	B.L.	
		Bandli	11.0 ha	Chil	
		Jaghot	4.0 ha	Chil	
		Khagna	10.0 ha	Chil/B.L.	
		Bhaila	5 ha	B.L.	

		Maan	10.0	Chil/ B.L.	
		Kuthar	10.0 ha	Chil/B.L.	
		Silu	10.0 ha	Deodar	
		Kuenal	10.0 ha	Deodar	
		Gasog	5.0 ha	Chil	
		Chalwag	5.0 ha	Chil	
		Kaljair	20.0 ha	Grass	
		Guthan	20.0 ha	Grass	
		Kelra	20.0 ha	Grass	
		Shilla Nal	10.0 ha	Grass	
		Tikkar	20.0 ha	Grass	
		D-128 Naur	5.0 ha	Grass	
		D-129 Manal	10.0 ha	Grass	
		D-127 Sarog	5 ha	Grass	
		D-57 Silu	10.0 ha	Grass	
		D-53 Bharayana	20.0 ha	Grass	
		Sirti	15.0 ha	Grass	
		Chikhar	15.0 ha	Grass	
		Phatlog	20.0 ha	Grass	
		Gajeri Bagra	9.1 ha	Chil	
Balson	2005-06	UPF-360 Ghog	15 ha	Deodar/B.L.	
		UPF-366 Khaner	34 ha	Broad Leave	
		DPF-140 Lakhoti	10 ha	Deodar	
		UPF-396 Balghar	10 ha	Chil	
		UPF-357 Tikkar Baroth	10 ha	Broad Leave	
		UPF-371 Chambil Bakhayan	20 ha	Deodar/B.L.	
		UPF-394 Thanadhar	5 ha	Deodar	
		Bajroli	10 ha	Broad Leave	
		UPF-362 Deothi	13 ha	Broad Leave	
		UPF-369 Dagkli	15 ha	Deodar/B.L.	
		UPF-364 Maharawag	23 ha	Broad Leave	
		UPF-372 Kharori	1 ha	Deodar/B.L.	
		UPF-410 Ruind Mahasu	10 ha	Deodar/B.L.	
		UPF-389 Janahan Chadren	15 ha	Deodar/B.L.	
		UPF-368 Rail	10 ha	Deodar/B.L.	
		UPF-358 Chakhana	10 ha	Deodar	
		UPF-370 Kargoli	10 ha	Deodar/B.L.	
		UPF-390 Tali Kholna	10 ha	Deodar/B.L.	
		UPF-392 Meha Kupar	10 ha	Deodar/B.L.	
		DPF-141 Sujna	10 ha	Deodar	
		DPF-169 Katlach	10 ha	Deodar	

		DPF-164 Shirgal	10 ha	Deodar	
		UPF-365 Banea	15 ha	Deodar	
		DPF-142 Chambi	5 ha	Deodar	
Kotkhai	2005-06	UPF-441 Jandoli-Kharena	5 ha	Deodar	
		UPF-Madogra	17 ha	Chil/B.L.	
		UPF-459 Ghassi-Gaon	5 ha	Chil	
		UPF-461 Purag	5 ha	Chil	
		UPF-465 Bagain-Jubbar	5 ha	Deodar	
		UPF-455 Thanari	17 ha	Deodar	
		UPF-472 Kalbog	5 ha	Deodar	
		UPF-440 Darkoti	5 ha	Deodar	
		DPF-186 Gohach	37 ha	Deodar	
		DPF-187 Jarahi	30 ha	Deodar/B.L.	
		UPF-Farodi	8 ha	Deodar	
		R-12 Rantu	15 ha	Deodar	
		DPF-177 Gahan Jarahi	5 ha	Deodar/Chil	
		UPF-432 Jauni	10 ha	Deodar	
		UPF-Shilaroo	1 ha	Chil	
		UPF-461 Purag	4 ha	Chil	
		R-13 Chambi-Kupar C-II	15 ha	Deodar	
		R-13 Chambi-Kupar C-III	15 ha	Deodar/B.L.	
		R-15 Tumroo	10 ha	Deodar/B.L.	
		R-16 Kalala	20 ha	Deodar/B.L.	
		UPF-491 Barchilli	10 ha	Chil/B.L.	
		UPF-454 Alwang	10 ha	Deodar/B.L.	
		UPF-443 Tumru	10 ha	Deodar/B.L.	
		UPF-Palli	5 ha	Broad Leave	
		UPF-Ori	5 ha	Broad Leave	
Theog	2006-07	Khatmail I & II	10 ha	Deodar	
		Sainj	5 ha	Deodar	
		Chichar	10.0 ha	Deodar	
		Gawech	10.0 ha	Deodar	
		Sarog	10.0 ha	Deodar	
		Kufta I & II	20.0 ha	Deodar	
		U-127 Tatal	10.0 ha	Deodar	
		Gasog	10.0 ha	Deodar	
		Chalawag	10.0 ha	Deodar	
		Tungla	10.0 ha	Deodar	
		Chikhar	5.0 ha	Deodar	
		Runkali	10.0 ha	Deodar	

		D-51 Bhalech	5.0 ha	Deodar	
		D-138 Jahu	10.0 ha	Deodar	
		Odi Dhar	3 ha	Deodar	
		Shali ka Tir	15.0 ha	Deodar	
		Sadyal	10.0 ha	Deodar	
		Phadgula	10.0 ha	Deodar	
		Gagan Ghatti	50.0 ha	Deodar	
		Chandi Ser	7.0 ha	Deodar	
		Kadyal	12.0 ha	Deodar	
		Sholwi Gadha	15.0 ha	Deodar	
		Dudi Bag	10.0 ha	Deodar	
		Kathog	5.0 ha	Deodar	
		D-40 Narainty	5.0 ha	Deodar	
		D-52 Rohru	10.0 ha	Deodar	
		U-138 Jahu II	10.0 ha	Deodar	
Balson	2006-07	UPF-368 Rail	8 ha	Broad Leave	
		UPF-360 Ghog	10 ha	Broad Leave	
		UPF-361 Kishour	10 ha	Deodar/B.L.	
		UPF-366 Khaner	5 ha	Broad Leave	
		UPF-392 Meha Kupar	3 ha	Deodar/B.L.	
		UPF-367 Nano-Mundoo	5 ha	Broad Leave	
		UPF-404 Dasana	10 ha	Deodar	
		DPF-162 Koti	5 ha	Deodar	
		DPF-142 Chambi	10 ha	Deodar	
		Bajroli	10 ha	Chil/B.L.	
		UPF-372 Kharori	10 ha	Deodar	
		Katiyana	5 ha	Chil	
		UPF-371 Chambil Bakhayan	7 ha	Deodar/B.L.	
		UPF-362 Deothi	1 ha	Deodar/B.L.	
		UPF-369 Dagkli	2 ha	Broad Leave	
		UPF-364 Maharawag	15 ha	Deodar/B.L.	
Kotkhai	2006-07	DPF- Sona Batola	7 ha	Deodar/B.L.	
		UPF-445 Pujarli	3 ha	Chil/B.L.	
		R-16 Kalala	5 ha	Deodar	
		UPF-440 Darkoti	10 ha	Deodar	
		UPF-465 Bagain Jubbar	5 ha	Deodar	
		UPF-455 Thanari	10 ha	Deodar	
		UPF-461 Purag	5 ha	Deodar/B.L.	
		UPF-490 Chanodhar	10ha	Deodar/Chil/B.L.	
		UPF-491 Barchilli	10 ha	Deodar	
		UPF-493 Barog	5 ha	Deodar	
		DPF- Mail	5 ha	Deodar	

		Tumroo	4 ha	Deodar	
		UPF-420 Chaithla	10 ha	Ban	
		DPF-177 Gahan Jarahi	10 ha	Deodar	
		Tumru	2 ha	Deodar	
		R-12 Rantu	5 ha	Deodar	
		R-13 Chambi-Kupar	5 ha	Deodar	
		UPF-433 Shaun-Shoshan	10 ha	Deodar/Chil	
		UPF-454 Along	5 ha	Deodar/B.L.	
Theog	2007-08	Thanda	10 ha	Deodar	
		Khatmail	10 ha	Deodar	
		Parala	5 ha	Chil	
Balson	2007-08	U-373 Tara pur	5 ha	Ban (Oak)	
		Mashobra	10 ha	B/L	
		Mundoo/ Nanoo	3 ha	B/L	
		Mohearog	7 ha	Deo/Kail	
		U-365 Banayan	5 ha	B/L	
		U-369 Dagali	3 ha	Deodar, B/L	
		U-365 Baneya	5 ha	Deodar, B/L	
		U-362 Deothi	5 ha	Chil	
		Khar Nalla	3 ha	B/L	
Kotkhai	2007-08	Rukhla	5 ha	Deodar	
		U-Thanari	5 ha	Deodar	
		U-Chaithla	5 ha	Deodar, B/L	
		D-Gahan Jarahi	5 ha	Deodar, B/L	
		U-Darkoti	5 ha	Deodar	
		U-Bhareli	5 ha	Chil, B/L	
		U-Mail	5 ha	Deodar	
		U-Shoshan	5 ha	Deodar, B/L	
		U-Chaithla	5 ha	Deodar, B/L	
		U-Chaithla	5 ha	Deodar, B/L	
		U-Gahan Jarahi	5 ha	Ban, Deodar	
Theog	2008-09	Kaunti	10 ha	Chil, B/L	
		Suka jhal	10 ha	Deodar	
		Nangal Devi	5 ha	Deodar	
		Guthan	5 ha	Deodar	
Balson	2008-09	U-368 Rail	5 ha	Ban	
		U-365 Baneya	5 ha	Deodar	
		Ghog	10 ha	Deodar	
		Chambal	10 ha	Deodar	
		Dhan Ghatti	5 ha	Deodar	
		D-141 Sujna Lakhoti	5 ha	Deodar	
		U-365 Baneya Kamabal	5 ha	Deodar	
		U-365 Baneya Kalgoan	5 ha	Deodar	

Kotkhai	2008-09	Jarai	5 ha	Deodar	
		Matlu	5 ha	Deodar	
		UPF Thanari	5 ha	Deodar	
		Ghasi goan	5 ha	Deodar	
		Shashan	6 ha	Deodar	
		Gahan Jarai	4 ha	Deodar	
		Mihani	5 ha	Deodar	
		R-13 Chambi Kupar	5 ha	Deodar	
		Bhereli	5 ha	Deodar	
		Dabar	5 ha	Deodar	
		Shillu	5 ha	Deodar	
		Along	5 ha	Deodar	
		Darkoti	5 ha	Deodar	
Theog	2009-10	U-294 Nag	10 ha	Deodar/B.L.	
		D-51 Bhalech	3 ha	Deodar/B.L.	
		UPF Nauni	6 ha	Deodar	
		UPF Kanashi	6 ha	Broad Leave	
		UPF Kadoti	4 ha	B.L.	
		U-327 Nehra	3 ha	B.L.	
Balson	2009-10	U-361 Kishor	10 ha	B.L.	
		U-362 Deothi	8 ha	Deo/B.L.	
		U-368 Rail	4 ha	Deo/B.L.	
		U-368 Rail Jeyan	6 ha	Deo/B.L.	
		U-369 Dagwali	5 ha	Ban	
		U-367	2 ha	Deo/Ban	
		U-360 Ghog	3 ha	Broad Leave	
		Lakhoti	5 ha	Deo/Ban	
		Pundar	5 ha	Deodar/B.L.	
Kotkhai	2009-10	R-13 Chambi Kupar C IV	5 ha	Deodar	
		R-13 Chambi Kupar C X	5 ha	Deodar	
		D-177 Gahan Jarai	5 ha	Deodar	
		Shillo	2 ha	Deodar	
		R-16 Kalala	8 ha	Deodar	
		UPF Darkoti	5 ha	Deodar	
		Thandi	6 ha	Deodar	
		Gowali dhar	6 ha	Deodar	
		Mihani	6 ha	Deodar	
Theog	2010-11	U-322 Kur	5 ha	Deodar	
		U-284 Taprain	5 ha	Deodar/B.L.	
		U-298 Khagna	5 ha	Deodar/B.L.	
		D-39 Jhalaroo	4 ha	Deodar	
		UPF Shoshan	6 ha	Deodar	
		UPF Sarog	5 ha	Deodar	

		UPF Shiloo	5 ha	Deodar	
		UPF Sholvi	10 ha	Deodar	
Balson	2010-11	UPF 389 Janahan	5 ha	Deodar/B.L.	
		D-157 Kharoli	5 ha	Deodar	
		U-362 Deothi	2 ha	Broad Leave	
		U-356 Kanori	8 ha	Deodar/B.L.	
		U-364 Mahroug	5 ha	Deodar	
		U-367 Mundoo	7 ha	Deodar	
		UPF Sewang II	3 ha	Deodar	
		UPF 369 Dagwali	2 ha	Deodar	
Kotkhai	2010-11	DPF Katach	5 ha	Deodar	
		U-475 Bharal	5 ha	Deodar	
		UPF Davar	5 ha	Deodar	
		D-176 Bani	5 ha	Deodar	
Theog	2011-12	U-69 Kuhla Bharoch	4 ha	Deodar	
		UPF Sarog I	1 ha	Deodar	
		UPF Sainj	1.5 ha	Deodar	
		UPF Nani	1.5 ha	Deodar	
		UPF Khagna	10 ha	Broad leave	
		UPF Kufta	5 ha	B.L.	
		UPF Sarog II	5 ha	Broad Leave	
		DPF Kufta Dhainghati	1.37 ha	Bio- Eng.	
Balson	2011-12	U-389 Janahan Chadren	2 ha	Deodar/B.L.	
		U-367 Nanoo	3 ha	Broad Leave	
		U-362 Deothi	5 ha	Deodar/B.L.	
		U-360 Ghog	10 ha	Deodar/B.L.	
		U-368 Balog	2 ha	Deodar/ B.L.	
		U-368 Balog Rail	4 ha	Deodar/B.L.	
		U-396 Balghar	4 ha	Deodar/B.L.	
Kotkhai	2011-12	D-186 Gohach	5 ha	Deodar/B.L.	
Theog	2012-13	U-73 Badruni Ghatti	10 ha.	Deodar/B.L.	
		U-62 Nal	2 ha,	Deodar/B.L.	
		D-126 Guthan	8 ha.	Deodar	
		U-74 Banada Ghatti	4 ha.	Deodar	
		U-80 Bagain	3 ha.	Deodar	
		U-99 Koti	2 ha.	Deodar	
		U-124 Audh	3 ha.	Deodar	
		U-106 Gowai	5 ha.	Deodar/B.L.	
		D-52 Rohru	5 ha.	Deodar	
		U-127 Sarog	5 ha.	Deodar/B.L.	
		D-53 Bharyana	5 ha.	Deodar	
		U-327 Nehra I	2 ha	Broad Leaved	
		U-327 Nahra II	2.5 ha.	Deodar/B.L.	
		U-327 Nehra III	2 ha.	Broad Leaved	

		U-293 Shalaha	5 ha.	Deodar/B.L.	
		D-110 Khaneor	5 ha.	Deodar	
		U-302 Shai	5 ha.	Broad Leaved	
		D-113 Khatmail	5 ha.	Deodar/B.L.	
		U-295 Kachhi	4.5 ha.	Deodar/B.L.	
		U-318 Reyog	1 ha.	Deodar/B.L.	
		D-53 Bharyana	10 ha.	Broad Leaved	
		U-131 Kandha ghat	4 ha.	Broad Leaved	
		U-300 Lohrab	4.5 ha.	Broad Leaved	
Balson	2012-13	U-364 Mohraoug	10 ha.	Deodar/Ban	
		U-369 Dhaghali	4 ha.	Broad Leaved	
		U-367 Nano Mundu	2 ha.	Deodar/B.L.	
		U-356 Kanodi	5 ha.	Deodar/B.L.	
		U-392 Meha Kupar	5 ha.	Deodar/B.L.	
		U-389 Janahan	5 ha.	Deodar/B.L.	
		U-387 Jorna	5 ha.	Deodar/B.L.	
		U-375 Ragsa	5 ha.	Deodar/Ban	
		D-138 Khagna	3 ha.	Deodar/B.L.	
		U-373 Shilla	4 ha.	Deodar/B.L.	
		U-374 Deha	2 ha.	Deodar/B.L.	
		U-367 Nano Mundu	3 ha.	Deodar/B.L.	
		U-369 Dhagali	2 ha.	Deodar/B.L.	
		D-141 Sujna	3 ha.	Deodar/B.L.	
		D-155 Kalna	3 ha.	Deodar/B.L.	
		U-394 Thana Dhar	5 ha.	Deodar/B.L.	
		U-397 Tikkar Bharot	10 ha.	Deodar/B.L.	
		U-372 Kharori	10 ha.	Deodar sowing	
		U-368 Rail	4.5 ha.	Deodar/B.L.	
		U-389 Janahan	4 ha.	Deodar/B.L.	
		U-361 Kishour	15 ha.	Broad Leaved	
		U-362 Deothi	65 ha.	Deodar/B.L.	
Kotkhai	2012-13	U-449 Gowali Dhar	5 ha.	Broad Leaved	
		U-469 Bhagal	6 ha.	Deodar/B.L.	
		R-13 Chambhi Kupar C-IV	5 ha.	Deodar/B.L.	
		U-429 Chewar	5 ha.	Deodar	
		U-436 Santari Mandroli	3 ha.	Deodar	
		D-168 Paul ke Niche C-I	4 ha.	Deodar/B.L.	
		U-465 Bagain Jubbar	5 ha.	Deodar	
		D-Sona Batola	4 ha.	Deodar	
		D-Mail	1 ha.	Deodar	
		U-463 Rukhla	3.19 ha.	Deodar	

APPENDIX-XVI

SALVAGE AND ROAD ALIGNMENT LOTS HANDED OVER TO HPSFDC 1996-97 to 2012-13.

Lot No	Species	No. of Trees	Vol.	Name of Forests
1/1996-97	Deo	57	84.458 m3	D -175CII
	Kail	364	1129.903 m3	D -176CI
	Rai/fir	193	281.787 m3	D-176CI
3/1996-97	Deo	400	511.529 m3	C-IV Mihani, UF Khola, UF Reoth
	Kail	609	998.557 m3	
	Rai/ fir	193	438.368 m3	
4/1996-97	Deo	133	390.468 m3	UF-Jhungroli, UF Barog C-II
	Kail	535	704.576 m3	
5/1996-97	Deo	33	59.432m3	UF-Tharango , CI-& CII-Jarhai
	Kail	1259	2593.528 m3	
	Rai/Fir	9	20.666 m3	
6/1996-97	Deo	7	5.116 m3	Tear Mahasu C-II lambidhar
	Kail	2	983 m3	
	Rai/Fir	8	2.188 m3	
7/1996-97	Deo	298	m3	DPF42 Kufta
ABSTRACT				
	Deodar	928	1051 m3	
	Kail	2769	6409.56 m3	
	Rai/Fir	403	743.009 m3	
	Total	4100	8203.58 m3	
1/1998-99	Kail	181	244.955 m3	D-116, D-117, D-118
2/1998-99	Deo	49	84.784 m3	D-137, D-138, D-139, U-379
	Kail	71	148.076 m3	
	Rai/Fir	162	721.171m3	
3/98-99	Kail	29	54.691 m3	U-351 ,Manlog D-126 Kuthar
	Rai	31	68.879 m3	
	Deo	18	12.346 m3	
	Kail	336	463.561m3	
4/98-99	Deo	19	14.353 m3	D-53 Bhadyana
5/1998-99	Deo	528	875.524 m3	U-292,293,294& R-11 C-VI
	Kail	1195	870.287 m3	
	Fir/spur	1	1.756 m3	
	Chil	90	97.345 m3	
6/1998-99	Kail	107	163.515m3	R -13 Chambi kuper C-12 &13
	Fir/spruce	646	1132.426 m3	

7/1998-99	Deo	239	306.315m3	DPF Jarahi , UF Reoth & DPF Mihani
	Kail	595	993.355m3	
	Fir/ spruce	62	108.956 m3	
8/98-99	Deo	9	6.365 m3	D -182 C-II,UF- Thanahi U-456 & UF Govindpur
	Kail	1262	1807.974 m3	
	Fir/ spruce	67	130.579 m3	
9/1998-99	Deo	85	115.063 m3	C-III Kamali ,D-168 C-II, D-168 C-III,D-168C-IV, D-171-C-I
	Kail	190	303.863 m3	
	Fir/spruce	205	517.394 m3	
10/1998-99	Kail	281	580.039 m3	D-157, D-159. D-160, D-161.
	Fir/ spruce	325	716.526 m3	
11/1998-99	Deo		5.056 m3	N.H. Kufri
	Kail		1.983 m3	
	Fir/ spruce		2.438 m3	

ABSTRACT

	Deodar	947	1419.81 m3	
	Kail	3714	5239.27 m3	
	Rai/fir	981	2610.08 m3	
	Chil	90	97.345 m3	
	Total	5732	9366.49 m3	
1/1999-2000	Deo	107	36.64 m3	Serium- Basa Mahog road
	Kail	25	27.3m3	
	Fir/ spruce	2	2.849 m3	
RA 2/1999-2000	Deo	10	18.81m3	D-53Bhariana & D-54 Tungala (Rahighat Kiartoo Road)
	Kail	61	10.496 m3	
	Rai	62	24.346 m3	
3/1999-2000	Chil	207	312.517 m3	D-110 Khanoor,U-309 Kharyana&U-307 Duhan

ABSTRACT

	Deodar	117	55.45 m3	
	Kail	86	37.796 m3	
	Rai/fir	64	27.195 m3	
	Chil	207	312.517 m3	
	Total	474	432.958 m3	
1/2001-02	Deodar	28	24.754 m3	U-133, D-53 C-I
	Kail	108	48.88 m3	
2/2001-02	Deodar	658	465.714 m3	U284, D-107
	Kail	151	131.818 m3	
3/2001 -02	Deodar	151	232.251m3	U-289, D-110. U-309, U-307, U-305, D-
	Kail	717	796.01 m3	

	Chil	396	345.949 m3		159 & U-312.
4 /2001-02	Deodar	334	390.206 m3		D-140C-I, C-IIU-493,D-189, D-188, U-484
	Kail	238	277.018 m3		
	Rai / Tosh	159	283.41 m3		
5 /2001-02	Deodar	869	1330.609 m3		U-493, U-482.
	Kail	38	39.493 m3		U--189, U-188 & U-484.
6/2001-02	Deodar	41	53.342 m3		Kotkhai Jhakri-Transmission.
	Kail	5	12.52 m3		
	Chil	165	15.959 m3		
ABSTRACT					
	Deodar	2081	2496.88 m3		
	Kail	1257	1305.74 m3		
	Rai/Fir	159	283.41 m3		
	Chil	561	361.908 m3		
	Total	4058	4447.93 m3		
1/2002-03	Deodar	186	333.183	m3	R-11C-II,III,IV,V, VII, D-112 U-313, U-314, D-110,U307, D-111, R-4 C-II
	Kail	81	84.159	m3	
	Chil	495	141.216	m3	
2/2002-03	Deodar	62	135.863	m3	D-48,47,46,U-99,D-45
	Kail	53	85.564	m3	
3/2002-03	Deo	6	1.47	m3	D-116 Kanag, D-118 Sandhu
	Kail	147	209.492	m3	
4/2002-03	Deo	259	431.891	m3	D-49, U-105
	Kail	215	21.956	m3	
5/2002-03	Deo	176	208.074	m3	D-166 CI,CII,C-III, C-IV
	Kail	307	259.639	m3	
	Rai/fir	253	676.681	m3	
6/2002-03	Deo	199	258.376	m3	D-168,D-171,C-I,C-II,C-III, D-167-C-I,C-II,C-III, C-IV
	Kail	162	174.288	m3	
	Rai/fir	416	1145.931	m3	
7/2002-03	Deo	5	5.869	m3	D-167 C-I,II,III,IV MAHASU
	Kail	308	571.922	m3	
	Rai/fir	886	2319.003	m3	
8/2002-03	Deo	61	69.371	m3	D-140C-II, CIII, D-141 C-I
	Kail	175	86.108	m3	
	Rai/fir	202	355.965	m3	
9/2002-03	Deo	115	256.361	m3	D-384,D-144,U-382
	Kail	1	0.435	m3	
RA10/2002-03	Deo	20	51.26	m3	DPF MAIL Gahadawn
	Kail	1	1.6	m3	

ABSTRACT					
	Deodar	1089	1751.72	m3	
	Kail	1450	1495.16	m3	
	Rai/ fir	1757	4497.58	m3	
	Chil	495	141.216	m3	
	Total	4791	7885.68	m3	
1/2003-04	Deo	11	6.686	m3	
	Kail	1112	1028.169	m3	
	Rai/Fir	22	19.336	m3	
2/2003-04	Deo	108	108.789	m3	R-10-C-I, D-107, U-284
	Kail	30	34.408	m3	
3/2003-04	Deo	73	202.078	m3	D-137, D-138-CII
	Kail	190	315.85	m3	
	Rai/Fir	68	148.64	m3	
4/2003-04	Deo	202	317.027	m3	D-141-C-IV, D-142, D-145, U-384
	Kail	84	56.002	m3	
	Rai/fir	255	466.829	m3	
5/2003-04	Deo	159	216.93	m3	D-164, D-163, D-162, D-160, D-161, D-156, D-159
	Kail	721	1220.96	m3	
	Rai/Fir	374	652.008	m3	
6/2003-04	Kail	1282	2274.251	m3	UPF 440, R-15 C-I, UF - 448 CII& C-III, UF 442
	Rai/Fir	99	477.873	m3	
7/2003-04	Deo	33	75.26	m3	D-181, D-188, D-179, D-178, UF-453 , UF 454
	Kail	822	1290.705	m3	
	Rai/Fir	93	151.145	m3	
8/2003-04	Deo	131	318.535	m3	R-16 C-XI, UPF-465
	Kail	1005	1707.349	m3	
				m3	
9/2003-04	Deo	48	104.51	m3	DPF- C-I MIHANI
	Kail	274	408.259	m3	
	Rai/Fir	25	75.837	m3	
10/2003-04	Deo	17	37.16	m3	UF Frathi , UF lambifash
	Kail	255	386.61	m3	
	Rai/Fir	233	954.91	m3	
11/2003-04	Kail	53	108.605	m3	R-12
12/2003-04	Kail	340	407.602	m3	UF –Barog
13/2003-04	Deo	198	169.077	m3	R-13C-V,C-IX,CX,CXI,C-XII,C-XIII, UF-430
	Kail	410	361.089	m3	
	Rai/Fir	2755	4048.837	m3	
14/2003-04	Deo	200	365.38	m3	Mail –II, R.W-C-I, UF

	Kail	371	454.7	m3	hattu
	Rai/Fir	315	886.24	m3	
15 /2003-04	Deo	67	163.062	m3	Kalbog , Gohach-C-II, - CIII,C-IV, C-V,
	Kail	254	482.577	m3	
	Rai/Fir	283	590.016	m3	
16/2003-04	Deo	7	15.784	m3	UF456, D-183- C-II,U-467, U-466, U-455
	Kail	509	1120.607	m3	
	Rai/Fir	23	62.954	m3	
ABSTRACT					
	Deodar	1052	1783.25	m3	
	Kail	7712	11657.7	m3	
	Rai/Fir	4545	8534.63	m3	
	Total	13309	21975.6	m3	
2004-05	NIL	Nil	NIL	Nil	Nil
1/2005-06	Deo	115	230.377	m3	R-11C-IV, CV,CVI,C-VII, D-109 C-II, D-110, U-289, U-290, U-305, U-307 ,U- 309
	Kail	277	333.836	m3	
	Rai/Fir	67	42.864	m3	
2/1/2006	Deo	2	4.96	m3	UPF Chambi dhar , DPF- 181, 179,185, RF 16 UF 453 , UF 465 ,UF455,UF456,UF448
	Kail	105	113.75	m3	
	Rai/Fir	201	623.22	m3	
3/5/2006	Deo	72	114.74	m3	DPF 88 C-I & DPF -C-III
	Kail	381	812.218	m3	
	Rai/Fir	147	295.374	m3	
4/5/2006	Deo	19	61.522	m3	UPF 453,UPF454,D-181, D-179
	Kail	549	1035.595	m3	
	Rai/Fir	84	280.554	m3	
5/5/2006	Kail	151	357.584	m3	D-185 C-I Baghal
6/5/2006	Deo	44	118.898	m3	R-16 Kalala CX, R-16 C- VIII, UPF 464 ,465
	Kail	220	438.009	m3	
7/5/2006	Deo	3	3.804	m3	UPF -455 , UPF -456
	Kail	182	315.828	m3	
	Rai/Fir	5	6.855	m3	
8/5/2006	Kail	318	368.944	m3	UPF 448C-I
9/5/2006	Deo	34	62.624	m3	D-169 Katach
	Kail	482	954.132	m3	
	Rai/Fir	17	41.801	m3	
10/5/2006	Deo	23	34.245	m3	D-139 C-I, C-II C-III , D- 138
	Kail	111	242.683	m3	

	Rai/Fir	677	1541.592	m3	
11/5/2006	Deo	75	129.79	m3	D-147, D-148 C-III& IV, D-149 C-I& II,, D-150,U 390
	Kail	830	941.601	m3	
	Rai/Fir	443	787.056	m3	
12 /2005-06	Deo	58	132.986	m3	D-166 , U-410, Mahasu
	Kail	148	181.69	m3	
	Rai	32	67.268	m3	
	Tosh	84	99.748	m3	
ABSTRACT					
	Deodar	479	956.57	m3	
	Kail	4303	7131.47	m3	
	Rai/Fir	1673	3686.58	m3	
	Tosh	84	99.748	m3	
	Total	6539	11874.4	m3	
RA1/2006-07	Deo	23	27.706	m3	R-13 C-7 (T.K.H) road
	Kail	8	7.068	m3	
RA 2/2006-07	Kail	23	19.165	m3	Kot barar to Chunjer road
RA 3/2006-07	Deo	16	16.292	m3	R-13 ChambiKuper
	Kail	15	15.265	m3	
RA4/2006-07	Deo	105	98.54	m3	D-121 Majhogara (Matina mohari via kalzir road)
	Kail	6	1.051	m3	
	Rai	4	0.683	m3	
4/2006-07	Deo	305	527.548	m3	
	Kail	84	141.186	m3	
	Tosh	34	92.472	m3	
RA5/2006-07	Kail	45	11.661	m3	U,D-113 ,U135 (Augumentation of Water supply schemefrom Giri Khad to Shimla Town)
	Mohru	27	1.548	m3	
ABSTRACT					
	Deodar	449	571.546	m3	
	Kail	181	194.345	m3	
	Rai	4	0.683	m3	
	Mohru	27	1.548	m3	
	Tosh	34	92.472	m3	
	Total	691	860.594	m3	
1/2007-	Deodar	38	42.652	m3	Dhronk Beat C-I,C-II,C-

08	Kail	151	120.785	m3	III &CVI
	Rai/Fir	388	613.37	m3	
2/2007-08	Deo	104	102.34	m3	D-164
	Kail	35	45.983	m3	
	Fir	51	70.501	m3	
	Rai	2	0.73	m3	
3/2007-08	Kail	125	300.248	m3	Mahasu Beat C-I,C-II,C-III & C-IV
	Deo	10	31.172	m3	
	Rai	138	385.885	m3	
	Fir	348	793.637	m3	
4/2007-08	Deo	305	579.548	m3	D-140, D-141 D-143,D-144,
	Kail	84	141.186	m3	D-145
	Rai	34	92.472	m3	
5/2007-08	Deo	7	15.614	m3	UF Barog
	Kail	209	349.442	m3	
				m3	
6/2007-08	Rai	29	73.026	m3	D-138, D-137, D-133, D-131-C-IV , U-360
	Fir	24	53.154	m3	
	Kail	34	62.699	m3	
	Deo	40	44.574	m3	
7/2007-08	Deo	151	418.137	m3	DPF-Mihani C-IV.
	Kail	448	978.394	m3	
	Rai	3	8.15	m3	
8/2007-08	Deo	8	28.724	m3	Gohach, UF-Ori
	Kail	212	411.818	m3	
	Rai	143	705.953	m3	
	Tosh	33	71.153	m3	
9/2007-08	Deo	108	187.04	m3	DPF Sona Batala , DPF Ratnari , DPF Mail
	Kail	187	247.48	m3	
	Rai	75	264.96	m3	
10/2007-08	Deo	306	530.151	m3	U-290, R-11 C-II, C-IV, U-289, U-285
	Kail	115	131.214	m3	
	Chil	93	63.693	m3	
RA 11/2007-08	Deo	2	2.796	m3	U-147 , U-348
	Kail	14	42.19	m3	
RA 12/2007-08	Deo	4	4.5	m3	D-183 & UPF jaroath
	Kail	6	18.566	m3	
ABSTRACT					
	Deodar	1388	2227.25	m3	

	Kail	1620	2991.19	m3	
	Rai/Fir	1211	3061.84	m3	
	Tosh	33	71.153	m3	
	Chil	93	63.693	m3	
	Total	4252	8415.12	m3	
1/2008-09	Deo	8	5.824	m3	UF-437,D-175C-I, C-II D-177 C-IV ,C-V
	Kail	174	381.165	m3	
	Rai	88	171.631	m3	
	Fir	29	33.637	m3	
2/2008-09	Deo	177	180.593	m3	D-168 Paul
	Kail	245	416.24	m3	
	Rai	256	655.249	m3	
RA 3/2008-09	Deo	142	82.404	m3	U-139, Kanohar Nalla to Jahu U-138
	Kail	96	12.988	m3	
	Rai	95	26.691	m3	
RA4/2008-09	Deo	11	2.762	m3	Shali Beat & Kaleri beat.
	Kail	39	11.66	m3	
	Kainth	5	0.575	m3	
	Chil	41	4.873	m3	
	Ban	3	0.244	m3	
	BL	26	12.579	m3	
ABSTRACT					
	Deodar	338	271.583	m3	
	Kail	554	822.053	m3	
	Rai/Fir	473	887.783	m3	
	Kainth	5	0.575 m3		
	Ban	3	0.244 m3		
	Chil	41	4.873 m3		
	BL	26	12.579 m3		
	Total	1440	1999.69	m3	
1/2009-10	Deo	174	519.544	m3	R-11C-II,C-III,C-IV,C-V, C-VI, C-VII, D-107, D-108, D-109, D-113, U-290
	Kail	21	17.148	m3	
	Rai	8	6.274	m3	
2/2009-10	Deo	29	40.612	m3	D-53
	Kail	19	8.822	m3	
3/2009-10	Deo	26	45.506	m3	D-181 , D-179 U- 453 U-

	Kail	510	751.982	m3	451
	Rai	78	166.049	m3	
4/2009-10	Deo	67	119.4	m3	d-131 , d-134 u-378
	Kail	188	238.214	m3	
	Rai/Fir	48	73.602	m3	
5/2009-10	Deo	16	12.499	m3	D-138, C-I,C-II, C-IV
	Kail	101	169.426	m3	
	Rai	303	541.113	m3	
6/2009-10	Deo	9	10.681	m3	D-184,C-IV, U-469
	Kail	470	972.972	m3	
	Rai	22	63.054	m3	
7/2009-10	Deo	93	252.559	m3	DPF MAIL C-II
	Kail	69	160.122	m3	
	Rai	9	29.792	m3	
8/2009-10	Deo	176	170.263	m3	UF-427,R-13-C-VII, C-IX,C-X, UF-430
	Kail	367	518.078	m3	
	Rai	474	817.152	m3	
9/2009-10	Deo	134	166.158	m3	DPF -164
	Kail	112	168.543	m3	
	Rai	112	200.163	m3	
ABSTRACT					
	Deodar	724	1337.22	m3	
	Kail	1857	3005.31	m3	
	Rai/Fir	1054	1897.2	m3	
	Total	3635	6239.73		
RA 1/2010-11	Deo	1	2.8	m3	U-323,U-326,U-327,U-324(t.k.h Road)
	Kail	60	26.873	m3	
	Chil	139	10.147	m3	
	Kainth	2	0.23	m3	
	Poplar	1	0.115	m3	
RA/1-2010-11	Deo	204	192.621	m3	U-411,R-12,R-13,C-I,U-424,U-334,U-435,U-436,D-174,D-175,D-437,D-175-C-II
	Kail	268	204.164	m3	
	Rai	4	5.17	m3	
	Ban/Mohru	36	27.278	m3	
	B/L	164	106.818	m3	
RA/2 - 2010-11	Deo	37	64.559	m3	T.H.K. bagra to Gazta
	Kail	11	10.727	m3	
	Rai	1	0.365	m3	
	Mohru	1	0.787	m3	
				m3	
3/2010-11	Deo	15	55.99	m3	UPF-Firodi

Transmission line G. Power- grid	Kail	84	175.81	m3	
	Rai	17	83.58	m3	
	Chil	25	31.588	m3	
				m3	
ABSTRACT					

	Deodar	257	315.97	m3	
	Kail	423	417.574	m3	
	Rai/Fir	22	89.115	m3	
	Chil	164	41.735	m3	
	Mohru	37	28.065	m3	
	B/L	167	107.163	m3	
	Total	813	683.652	m3	
RA-1/2011-12	Deo	40	68.883	m3	D-107 CIV,CV,C-III U-438& U-436
	Kail	6	5.165	m3	
	Rai	294	576.067	m3	
	Fir	0	0	m3	
	Total	340	650.115	m3	
1/2011-12	Deo	101	119.728	m3	D-52,D-51,U123,UPF-120
	Kail	220	340.85	m3	
2/2011-12	Deo	78	225.521	m3	D-107,R-11,U-315,U-290,
	Kail	18	33.743	m3	R-11 C-IV D-109,D-113
	Rai	2	1.836	m3	
3/2011-12	Deo	441	61.655	m3	R -12 Rantoo & R-13 chambi-kufar CII to CV
	Kail	289	623.186	m3	
	Rai	2	5.252	m3	
4/2011-12	Deo	58	205.755	m3	D -165 Katheem ,D166 Hara Ritha CI & CII D- 167 Drabla CI to CIII U- 140 Mahasu, U-416 & U- 415
	Kail	152	341.3341	m3	
	Fir	204	502.26	m3	
	Rai	233	478.113	m3	
5/2011-12	Deo	6	11.633	m3	D-178,D-181-C-I &II,U- 456, U-451, U-453, D-179
	Kail	831	1516.833	m3	
	Rai	14	27.986	m3	
RA 6/2011-12	Deo	18	21.482	m3	R-13 -C-II
	Kail	11	14.125	m3	

ABSTRACT					
	Deodar	1183	776.312	m3	
	Kail	1527	2875.24	m3	
	Rai	749	1591.51	m3	
	B.L.	340	650.115	m3	
	Total	3799	5893.18	m3	
1/2012-13	Deo	85	57.241	m3	Guthan beat
	Kail	606	723.257	m3	
	Rai	216	587.889	m3	
2/2012-13	Deo	98	213.919	m3	R-13 C-III,IV,VII
3/2012-13	Deo	22	15.558	m3	UPF 440 RF-15 C-I,V, UPF -443 C-I,II
	Kail	692	1619.789	m3	
	Rai	181	729.949	m3	
4/2012-13	Deo	167	146.889	m3	R-13 C-X, C-XI
	Kail	187	351.212	m3	
	Rai	1849	3593.523	m3	
5/2012-13	Deo	20	18.234	m3	D-163, D-164
	Kail	141	291.141	m3	
	Rai	58	116.194	m3	
6/2012-13	Deo	318	293.647	m3	D-184-C-I,II,III , UPF-468 C-I,III
	Kail	857	1647.666	m3	
7/2012-13	Deo	13	32.721	m3	DPF Bagi , UF-johru, UF- farodi
	Kail	173	356.189	m3	
	Rai	109	412.814	m3	
	Tosh	1	4.849	m3	
8/2012-13	Deo	94	260.417	m3	DPF C-I, UF-482, UF-475, UF-474
	Kail	157	252.458	m3	
	Rai	184	136.994	m3	
9/2012-13	Deo	39	150.365	m3	DPF-186,C-I,II,III ,UF-472, UF Odhi
	Kail	124	284.968	m3	
	Rai	41	133.564	m3	
RA 10/2012-13	Deo	36	45.122	m3	R-13 Chambi-Kupar C-IV.
	Kail	73	170.245	m3	
	Rai	6	6.657	m3	
RA11/2012 -13	Deo	13	16.569	m3	R-13 Chambi-Kupar C-I.
	Lintis	1	0.308	m3	

RA 12/2012-13	Deo	1	1.788	m3	UPF-430 Kuri Mohali.
	Kail	25	62.421	m3	
	Rai	17	33.352	m3	
	Mohru	21	15.429	m3	
	B.L	1	0.308	m3	
ABSTRACT					
	Deodar	906	1252.47 m3		
	Kail	3035	5759.35 m3		
	Rai	2477	5613.94 m3		
	Mohru	21	15.429	m3	
	Tosh	1	4.849	m3	
	B.L.	1	0.308	m3	
	Total	6441	12646.3	m3	

APPENDIX-XVII (a)
HIMACHAL PRADESH FOREST DEPARTMENT
NOTIFICATIONS

Dated Shimla - 4, the 25th February, 1952, No. Ft. 29-241/BB/ 49. In exercise of the powers conferred by Section 29 of the Indian forest Act (XVI of 1927) as applied to H.P. read with the Govt. of India, Ministry of State Notification No. 146 dated the 6th Dec., 1950, the Chief Commissioner, H.P. is pleased to declare the provision of Chapter IV and that Act applicable to all Forest lands or waste lands in H.P. which are the property of Govt. or over which the Govt. have proprietary rights or to the whole or any part of the produce of which the Govt. is entitled as record in the forest Settlements or land revenue Settlements of land revenue records of the integrated states, otherwise except to the following areas:

- (1) Rantu Salana, Chambi Kuffar, Kalala and Tomru of Kotkhai illaqua and Nagkelo of Kotgarh illaqua declared as reserved forests in the Punjab Government Notification No. 175, dated the 15th April, 1985.
- (2) Chamba State forests declared reserved forests vide Chamba Darbars Notification No. 76-43 dated the 10th November 1943.
- (3) Sirmour State Forests declared reserved forests, in Sirmour Darbaris Notification.

- | | | |
|----|---|---------|
| 1) | No. 1 dated the 17 th Jaith, 1985 | Bikrani |
| 2) | No. 2 dated the 13rd Chait, 1991 | Bikrani |
| 3) | No. 14 dated the 17 th Sawan, 1990 | Bikrani |
| 4) | No. 38 dated the 27.12.1992 | Bikrani |
| 5) | No. dated the 1 st Chait, 1937 | Bikrani |
| 6) | No. dated the 1 st Chait, 1947 | Bikrani |
| 7) | No. II dated the 2 nd Poh, 1949 | Bikrani |
| 8) | No. dated the 11 th Bhadon, 1982 | Bikrani |
| 9) | No. I dated the 17 th Jaith, 1952 | Bikrani |

This notification applies to all lands in old Mandi State containing tree growth except such lands as have been excluded in the Forest Settlements as cultivated or as in the Malguzari of a private person.

By order
Chief Conservator of Forests,
and
Secy. (Forest Department) to
the Chief Commissioner,
H.P. Admn.

APPENDIX-XVII (b)
HIMACHAL PRADESH GOVERNMENT
FOREST DEPARTMENT
NOTIFICATION

Dated: Shimla - 4, the 25th February, 1952, No. Ft. 29-241/B/C 49. In exercise of the powers conferred by Section 30 (a) of the Indian Forest Act (XVI of 1927) as applied to H.P. read with the Govt. of India, Ministry of State Notification No. 146 dated the 6th Dec., 1950 the Chief Commissioner, H.P. is pleased to declare all trees to be reserved in the forests declared protected by the Himachal Pradesh Government Notification No. Ft.. 29-241-BB/49 dated the 25th February, 1952.

By order
Chief Conservator of Forests,
and
Secy. (Forest Department) to
the Chief Commissioner,
H.P. Admn.

APPENDIX-XVII (c)
GOVERNMENT OF HIMACHAL PRADESH
NOTIFICATION

Dated Shimla-4, The 25th February, 1952.

No. Ft. 43-241-A/49-3. In exercise of the powers conferred by section 32 of the Indian Forest Act (XVI of 1927) as applied to Himachal Pradesh read with the Govt. of India. Ministry of States, notification No. 146-J dated the 6th December, 1950, the Chief Commissioner, Himachal Pradesh is pleased to make the following rules for such areas in the old Kumarsain Khaneti, Sangri, Darkoti, Theog, Ghund, Balson, Madhan, Keonthal, Koti Ratesh and Bhajji States including the pepsu enclaves which have been declared as protected forest in Himachal Pradesh Govt. Notification No. Ft. 29-241-BB/19 dated the 25th February, 1952.

RULES

1. In these rules, unless there is something repugnant in the subject of context.

“First class Protected Forests” means the demarcated forests detailed in Schedule 1 of this Notification.

“Second class Protected Forests” means the (a) undemarcated forests. (b) Uncultivable waste lands with or without trees (c) all ghasnies and Banis in the possession of Zamidars and all land near habitation, which are the property of Government and assessed to land revenue.

“Divisional Forest Officer” means the officer for the time being in charge of the Lower Bashahr or Shimla Forest Division, as the case may be.

“Record of rights” means the record approved by the Superintendent, Hill States, Shimla in respect of the various States named above.

“Right-holder” means a land holder, whether as owner, cultivator or mortgagor who settled or may settle in future in the territories of the above states.

“Trees and Timber” shall have the same meaning as defined in the Indian Forest Act (XVI of 1927).

“Cattle” means cows, bullocks, sheep and goats; ponies and mules, but not buffaloes, elephants and pigs.

“Right” means rights admitted in the Record of rights”

2. Except where the contrary is stated; the Rules apply rights to the protected forests of all classes.

3. The exercise of rights is restricted to the bonafide produce obtained in the exercise of rights shall not be bartered, sold or given as a gift or in any other way disposed of by right holders.
4. Grant of trees required for building construction by the right holders will be subject to the following conditions:-
 - (a) A right-holder will apply to the Divisional Forest Officer for the grant of trees when a new house is to be built or an old one is to be repaired.
 - (b) Trees shall be marked by the Forest Department for felling only on payment of fees to be fixed from time to time.
 - (c) The assessment of number of trees to be granted will be based on the sole condition that house be constructed and repaired conforms to the usual repairs of building which right holders generally use for their residence in the locality concerned. No tree will be granted for building to be given on rent or to be used as a shop.
 - (d) The trees granted shall be used only for purpose for which they are granted and no timber or trees required by right-holders in the exercise of their rights may be sold bartered in any alienated.
 - (e) Saw and not axe would be used by the right-holders for splitting the trees into planks and scantlings.
 - (f) The period of felling of trees and removal of timber shall be three months. It may be extended to six months on payment of one fourth of the original fee.
 - (g) Trees will not ordinarily be granted more often than once in five years to any right-holder but in case of accidental burning of the applicant house or other misfortune trees may be granted at a shortest interval then five years to make the actual requirement of a right-holder.
 - (h) The building shall be constructed within the limits of the village where the cultivated land on account of which the trees are given is situated unless the contrary has been specially allowed.
 - (i) If trees are available in the II class protected forest these may be given first from there otherwise from the I class protected forests.
 - (j) Unmarked trees of all species except Deodar, Kail, Chil, Rai, Oak and Walnut may be cut free by right-holders under a written permit for the following proposes :- (a) Fuel for marriage feasts (b) Fuel for funeral ceremonies and (c) for making agriculture domestic implements

- (k) Right-holders may cut crooked and unsound trees of inferior class where are not available for burning the dead without permission provided intimation is given to the local forest guard within the week of such felling. Felling of Deodar trees for burning the dead is prohibited.
5. Trees required by the custodians of village temples shall be marked by the forest department in forests owned by the temple and, if no trees are available therefrom, from the second class protected forests and if no trees are available there then from Ist. class protected forests according to the rights specified in the Record of rights.
 6. The right-holders may fell nirgal and bhashal trees for making and kiltas and baskets required for their own domestic and agriculture requirement provided information is given to the local forest guard before as well as after felling.
 7. Right-holders requiring trees for water mills, water courses, formed wood for oil mills will apply for the grant and on the application being sanctioned Kail or Chil shall be granted free of charge, if available.
 8. Right-holders may lop oak and other broad leaved trees for making sohaga and shamains etc.

In case they cut trees for this purpose, intimation must be given to the local forest guard within seven days of their having done so.
 9. Right –holders may be granted Oak, Kail or Chil trees on payment of prescribed fee for conversion into charcoal required for the preparation of repairing of agriculture implements. In first class protected forests, Divisional Forest Officer, may allow lopping of big Kail trees free of charge of burning into charcoal.
 10. Burning charcoal in the first class protected forest is prohibited except in the nalas, khads and under such conditions as the Divisional Forest Officer may impose.
 11. The Right holders may graze such cows and bullocks as are required by them for domestic and agriculture needs in the first and second class Protected Forests , except Moharanal Forest of Bhajji Range.
 12. (a) Grazing of sheep and goats in ‘shal’, flocks is prohibited in first class Protected forests.

(b) Grazing of sheep and goats in ‘toli’ is prohibited except in the fir forests.
 13. Grazing by buffaloes is prohibited in deodar and kail forests except for the limited number (to be specified by Govt. from time to time).

- 14 . Non agricultural residents may also graze cattle in the second class protected forests on payment of prescribed fees provided that no right is thereby conferred and that the concession may be revoked any time.
15. Right holders shall not sell or lease their rights of grazing in the forests nor give permission to others to graze.
- 16 .
 - (i) No land shall be broken up or cleared for cultivation or any other purpose in the first class protected forests.
 - (ii) No land shall be broken up or cleared for cultivation or any purpose in second class protected forests except with the permission in writing of the Deputy Commissioner of the Distt.
- 17 . Removal of bark from green trees prohibited.
- 18 . Gridling and tapping of trees and outing of torch wood from deodar and other trees is prohibited.
- 19 .
 - (a) Oak and broad-leaved species above I feet in girth may be lopped provided the upper one-third of the crown is not touched
 - (b) Rai trees (Spruce and fir) over one and a half foot in girth may be lopped provided upper half of the crown is left untouched.
20. The right-holders may cut, collect and remove the following for purpose of domestic and agricultural requirements without obtaining any permit:-
 - (a) All dry fallen trees, except deodar, Walnut, Shisham and Kail, over 2 feet in girth.
 - (b) Branches of all dry and fallen trees.
 - (c) Stumps of felled trees provided the hammer mark on the stumps is left intact.
 - (d) Refuse from felling.
 - (e) Brushwood.
 - (f) Such trees as may be marked for the purpose by the Forest Department.
 - (g) Stones and saltes from second class protected forests for their own domestic and agricultural requirements. Starting of new quarries without permission is prohibited.

- (h) Earth for plastering and marking pots.
 - (i) Grass for domestic cattle as specified in the records of rights.
21. Construction of water courses in the first and second class protected forests is prohibited except with the permission of the Government.
 22. Burning ghats admitted in the settlement will be permitted to be used as such.
 23. Subject to such restrictions (including complete stoppage) as the Government may impose the right holders and others may exercise the following privileges:-
 - (a) Collection of small quantities of violet flowers in the hot and rainy season, collection of mushroom and edible medicinal roots in summer, and collection of walnuts and sharoli in autumn and sale of any of these provided the sales do not take the nature of trade.
 - (b) Removal by shoe-makers of bark from fallen trees and of wood from the deodar stumps (of felled trees) leaving the hammer marks intact.
 - (c) Removal of yew leaves.
 - (d) Extraction of deodar oil from deodar chips or, wood from its stumps and roots or making of kiln for the purpose in first class protected forests is prohibited, but Divisional Forest Officer may permit its construction in II class protected forests on payment of fees prescribed by Governments.
 24. Grazing by nomadic gujars is prohibited except to the extent allowed by Government on specified conditions and regulations and on payment of such fees as may be prescribed.
 25. The following rules are only applicable to the II class protected forests:-
 - (a) The trees are divided into two categories as under:-

Trees of first category.

Deodar, Kail, Chil, Rai pindrai, Ban, Mohru, Kharshu, Akhrot, Shisham, Tun, Kakar, Siris, Shamshad, Khu and Khair.

Trees of second category.

Kharak, Bawal, Drek, Karal, Chulti, Challan, Kanish, Kainth, Figs, Baras, Beons, Tayamal, Umar, Nirgal.

- (b) The zamindars may lop all trees of the first and second categories except deodar, shisham and tun, provided that the lopping is confined to the lower middle part of the

crown. In the case of ban, mohru and Kharashu the lopping may be extend to the top of the tree.

- (c) When there are no Kail trees available near the cremation grounds, the zamindars may cut deodar trees upto 3 feet in girth for burning the dead.
- (d) Cutting of grass from the ghasnis is prohibited except by those who are in recorded possession of them. Likewise lopping of mohru and ban in lands near habitation is prohibited except by those who are in possession of them.

By order

Sd/-

*For chief Conservator of Forests & Secretary
(Forest Department) to the chief Commissioner
Himachal Pradesh Administration.*

No, Ft.43-241-A/49-3. Dated Shimla-4, The 25th February, 1952.

Copy is forwarded to:-

1. All Deputy Commissioners in Himachal Pradesh.
2. All Conservators of Forests in Himachal Pradesh.
3. All Divisional Forest Officers in Himachal Pradesh, for information.
4. The Manager, Govt. of India Press, Shimla, for favour of publication in part III of section 3 of Government of India Gazette.

Sd/-

*For chief Conservator of Forests & Secretary
(Forest Department) to the chief Commissioner
Himachal Pradesh Administration*

APPENDIX-XVII (d)
HIMACHAL PRADESH GOVERNMENT
FOREST DEPARTMENT
NOTIFICATION

Dated: Shimla - 4, the 25th February, 1952,
No. Ft. 43-241/E/ 49. In exercise of the powers conferred by Section 30 (c) of the Indian Forest Act (XVI of 1927) as applied to H.P. read with the Govt. of India, Ministry of State Notification No. 146-J dated the 6th Dec., 1950 the Chief Commissioner, H.P. is pleased to prohibit the breaking up or clearing for cultivation for building, for herding cattle or for any other purpose of land in the demarcated protected forests throughout Himachal Pradesh.

By order

Sd/-

For Chief Conservator of Forests,

and

Secretary (Forest Department) to
the Chief Commissioner, H.P. Admn.

APPENDIX-XVII (e)

MONKEY INCIDENCE ESTIMATION

Objectives: The monkey count in towns/rural areas with high monkey incidence will answer the following questions

- A. Which town/rural areas are having high monkey incidences (such areas are being called as monkey hot spots) within the state?
- B. Over period of time whether the monkey incidence is rising or decreasing in the hot spots?
- C. This attempt is not to count all the monkeys in the state.

Methods: A two-step strategy will be implemented for an efficient monkey incidence estimation of the state of Himachal. This would include.

1. Preliminary Observations for Monkey Estimation to determine the hot spots,
2. Comprehensive Monkey Estimation in the hot spots.

Instructions for the Field Staff

- i. Every DFO in field (Territorial or Wildlife) is the leader of the Monkey Incidence Estimation.
- ii. Step 1, Preliminary Observations for Monkey Estimation (see Form 1) will be executed in all the forest beats of the state (except Lahul and Spiti where monkeys are not found) to ascertain presence/absence of monkeys.
- iii. In every beat, the forest guard will take cooperation of Notified Area Committee, Panchayats, NGOs, Yuvak or Mahila Mandals to undertake both steps i.e. Preliminary Observations and Comprehensive Monkey Estimation.
- iv. **All over HP, the Preliminary Observations will be done in three days time; thereafter, the Comprehensive Monkey Estimation will take only half-an-hour on the same date between 8 and 8.30AM.**
- v. One observer can cover a distance of two to three km in half-an-hour between 8 and 8.30 AM. The DFOs will ensure deployment of staff, Panchayat representatives, NGOs and others accordingly. All the observers should know their field positions in at least one day advance so that they are well acquainted with the place or hot spots where they have to count monkeys.

- vi. The beat Guard will be the compiler of the data provided by the observers in his/her beat. Likewise, beat data will be compiled at Range and Division level to further send it to Circle and then to the CCF (FD and PAN) at Shimla.
- vii. DFOs and their ACFs will be in-charge of training of Forest Guards, representatives of Panchayats, NGOs, Yuvak or Mahila Mandals. The training will be conducted at each Division HQ level or any other suitable place to ensure participation of all concerned.
- viii. The Preliminary Observations for Monkey Estimation is seen as an opportunity to bring together the Forest Officials, and Resource Persons such as NGOs, community to respond to the man-primate conflicts.
- ix. Step 2, Comprehensive monkey estimation is the main part of this exercise which will be taken up immediately after the preliminary observations or survey is completed.
- x. The concerned DFOs will facilitate making of sufficient copies of Form 1 and 2 for participating teams in the Monkey estimation.
- xi. The monkey estimation will be biannual feature to be conducted during the month of January/February and August/September, every year.

Step 1: Preliminary Observations for Monkey Estimation to determine Hot Spots (see Form 1)

This forms the primary step of incidence estimation exercise. It necessarily would involve all the forest/wildlife beats of the state. The data will be collected and compiled in the Form No. 1 given as annexure. This form will be filled-up in the field based on monkey troop's observations in association with concerned NGOs, and the local people etc. This data collected will form the background to identify the areas of high incidence abundance or hot spots as well as those exhibiting large scale conflicts. All the observations of monkey- infested areas or hot spots will be marked on the maps at the forest beat, forest range and Forest Division levels.

Step2: Comprehensive Monkey Estimations

Based on the preliminary observations, the Monkey Incidence Estimation will be done. In general this Estimation would be carried out in the selected high man-monkey conflict areas (hot spots) obtained from the Preliminary Observations for Monkey Estimation. The aim of this exercise would be to impart training to the concerned personnel, NGOs, community for conducting comprehensive monkey estimation. In general the feedback of this exercise would form a basis for further improvement in

methodology and refining of technique of incidence estimation. A data collection sheet given as Form 2 in the annexure will be filled up by all the concerned forest personnel, NGOs, community. The Form 2 will be compiled at the Division level. Simultaneous data plotting on the beat map will be carried out.

The above mentioned two steps will be biannual feature to be conducted during the month of January/February and August/September for the reasons that during months of August/September the parturition of females is nearly over and it will give a better demographic estimation in subsequent surveys. During the month of January/February, the feed availability is low and due to better visibility, better estimation of incidence can be carried out.

The compiled data from this exercise can be used for studying the impact of various conflict resolving methods, like sterilisation, garbage management etc., study of migratory pattern of monkeys, social behaviour of monkeys, group reorganizational behaviour, post-sterilisation behaviour, resolution of man-animal conflict (including crop damage study, direct bite cases etc.), and demographic trends etc.

Methods for Comprehensive Monkey Estimation in the Hot Spots (see Form 2)

1. Set up a sufficiently large pilot study in an area, such as a town, a temple complex and surround, or a highway where monkeys are seen regularly. In towns like Shimla, Bilaspur, Hamirpur, Dharamshala, Nahan, Solan, or Mandi it may be very difficult to identify a few vantage points. On the clear trails (such as streets or roads), observers will walk in a given timeframe (20 to 30 minutes) to note the numbers of the monkeys, their location, group size, composition, direction of movement, etc. Care must be taken that the spread of the 'transects' is such that a large area of the town is covered, but there are clear blind areas that separate different 'transects', so that chances of double counts are almost excluded. One observer will cover two to three km area in half-an-hour. **A good time to walk on these designated transects is 8AM anywhere in the state of HP where monkeys are abundantly found. The estimation on the transect will be completed by 8.30AM.**
2. Initially we need to identify different segments in the Core Area (where the monkeys are found in abundance). In these transects or segments, various vantage points will be identified to closely observe the monkeys without interference. If a particular segment

is quite big this may be further sub-segmented under a person/forest guard/observer to observe the monkeys from a vantage observation point, in the morning at 8 AM when monkeys come out to forage. This should be ensured that monkey in line-of-sight of the observer are counted and there is no repetition of count of the same monkeys by the other observers.

3. Location and identification of these observation points should be noted/plotted on a map of the area with number of monkey recorded. Data Sheets will be prepared on the Form 2 given as Appendix. Information regarding age and sex of the monkeys, and food provisioning and garbage disposal at surveyed sites need to be kept.
4. The survey/incidence estimation is to be conducted in such a manner that all the monkeys in every **observer's domain are counted in a period of half an hour (between 8 AM and 8.30 AM)** This may be enhanced to one hour depending on size of the segment. The period of counting is kept 30 minutes (between 8 and 8.30 AM) so that the level of error of number is avoided due to migration of the animals from one observation point to another.
5. The monkey survey is to be conducted by involving various NGOs, professionals and other similar institutions involved with monkeys. Perhaps involvement of Eco-clubs, schools/colleges in the vicinity of identified locations will be also a most desirable component
6. The whole exercise is to be repeated during winter (January/February) and August/September to know variation and error if any.
7. Once the results are obtained, the methodology may be improved and then approved to be replicated in different areas of the state to arrive at a figure of incidence of monkeys.
8. A basic website/blog will be created to have an online access to the information to a wide user/stakeholder groups
9. The lessons from this exercise will be integrated with the standard wild life incidence estimations of the Wildlife Wing of HPFD.

Notes:

- a) Observer's/Forest or Wildlife Guard's familiarity with the terrain and monkeys is the basic assumption/premise of this exercise.
- b) The DFOs will help specify the area to be surveyed by the field staff. The area with monkeys should be demarcated on the map. It can be rectangular or squire strip. For forest/rural incidence it should be larger (approximately 10-15 sq km), whereas for the

urban incidence it may be smaller (about 4 sq km). The reason being that forest monkeys live in larger home ranges and the urban monkeys have smaller home ranges.

- c) The Important thing is to identify the group; while counting two things need to be avoided; (a) no repeated count of the same monkey; (b) as far as possible no monkey is left out from counting. In this process even if it takes longer time to count, it does not add error in the counting.
- d) There are chances of error when we do repeated counts, even the observer may miss the entire group on a particular day. If it is enforced, there are chances of fictitious counts. This exercise is primarily for monitoring the monkey incidences. Thus it may be more informative if counts are made at longer intervals, for example three or four times in a year. That may show certain trends in mortality and natality.
- e) There will be a SPECIAL mention of such areas which are part of monkey incidence estimation; where monkeys have been released after their sterilization.
- f) Those who are well conversant with the Google Earth Images may use them for this purpose.
- g) In order to make the monkey incidence estimation a long term plan, Open source mapping GIS software can and should be used. There is no cost in acquiring the software plus a large number of people can share the same tools and do some good monitoring which is transparent accessible and verifiable.

APPENDIX-XVII (f)**NOTIFICATIONS – ORDERS – RULES**

(Authoritative English Text of this Department Notification No. FFE-B-A (3) 2/98 dated 24th May, 2002 as required under Article 348 (3) of the constitution of India.)

Government of Himachal Pradesh
Department of Forest.

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No. FFE-B-A (3) 2/98 Dated: Shimla-2. The 24th May 2002.

NOTIFICATION

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In exercise of the powers conferred under section 55 (b) of the Wildlife (Protection) Act, 1972 the Governor Himachal Pradesh is pleased to authorize Deputy Conservators of Forests, Assistant Conservators of Forests and Range Officers of Forest Department to file complaints in respect of offence punishable under section 51 of Wildlife (Protection) Act, 1972 read with Section 34 of Indian Penal Code.

By Order

Principal Secretary (Fts) to the
Government of Himachal Pradesh

Endst. No. As above,

Dated: Shimla-2, the 24th May 2002.

Copy forwarded for favour of information and necessary action to:-

1. The Principal Chief Conservator of Forests, Himachal Pradesh, Shimla-1.
2. The Principal Chief Conservator of Forests (Wildlife) Himachal Pradesh, Shimla-1 w.r.t. his letter No. CWLW/Animal Death/1770 dated 28.3.2002.
3. The Director (Prosecution) H.P. SDA Complex, Kasumpti Shimla-9 w.r.t. his letter No. DPr-B (Cases) /02-4155 dated 12.4.2002.
4. The Managina Director HP State Forest Corporation Shimla-9.
5. All Conservator of Forests in Himachal Pradesh.
6. All Divisional Forest Officers in HP.
7. All Controller, HP Printing and Stationary Department Shimla-5 for publication

in the Rajpatra (Extra-Ordinary).

8. All District Attornies in HP.
9. The Deputy L.R.-cum-Deputy Secretary (Law) to the Govt. of H.P.
10. Guard file.
11. Extra copies (50).

Sd/-

Special Secretary (Fts) to the
Government of Himachal Pradesh

APPENDIX-XVII (g)**NOTIFICATION**

No. Rev. B.A. (3)-8/2001

Government of Himachal Pradesh

Department of Revenue

From

F.C-Cum-Secretary (Revenue) to the Government of Himachal Pradesh

To

1. The Commissioner (Revenue), H.P. Shimla
2. The Addl. Commr.(Appeal)-cum-Director,
Consolidation of Holdings, H.P. Shimla-9
3. All the Deputy Commissioners in
Himachal Pradesh.
4. The Settlement Officer, Shimla/Kangra
at Dharmshala H.P.
5. All the SDOs (C) in Himachal Pradesh.
6. All the DROs, in Himachal Pradesh.
7. All the Tehsildars in Himachal Pradesh

Dated Shimla -171002, the 12th December, 2001

Subject: - The H.P. Village Common Lands Vesting and Utilization
(Amendment) Act, 2001- clarification thereof.

Sir

I am directed to say that the H.P Village Common Lands vesting and Utilization (Amendment) Act,2001 (Act No.20 of 2001) has been Published in the Rajpatra (extra ordinary) dated 1st October,2001, a copy of which is sent herewith for information and taking necessary action at your end.

In this regard, I am directed to clarify that in sub-section 3 of the amendment Act the word “cultivation” has not been defined in the Act the word “cultivating possession” should be understood in its natural meaning of the word “cultivation” has not been defined in the Act. The plants which have perennial roots trees, shrubs and grass are included in crop. If one raises such crop he naturally cultivates the land for the specified purpose. In Corpus Jurls Secundum, Volume 25, the purposes of cultivation have been explained. In the present tense “cultivate” has been

defined as to improve the product of the earth by manual industry; management and improvement in husbandry; to till, or husband the ground to forward the product of the earth, by general industry; to till, prepare for crops, manure, plough, dress, sow and reap. The cultivation will include good management and care, and usually, but not always implies the planting of annual crops. "The harvesting of such crops as perennial grass has also been held to be cultivation of land. If one adopted any physical process even to safe guard such crop he would be held to be cultivating it. If he proves that he has fenced the ground, has watered the grass has protected it from the animals he could have been stated to be in cultivating possession of the same. The intention of the Government is that all the land which is recorded as "Shamlat tika Hasab Rasad Malguzari" or by any such other name in the ownership column of Jamabandi and assessed to land revenue should be restored to the right-holders up to their share except the land which has been allotted or utilized by the State Government after the enforcement of the Village Common Lands Vesting and Utilization Act, 1974.

You are, therefore requested to take immediate necessary action as per above clarification keeping in view that the land which has already been put to use by the Government should not be disturbed. The land will be mutated back to the Shamlat Hasab Rasad Zare Khewat and Malguzari or whatever term might have been used for owned shamlat accordingly.

The progress report regarding compliance of the same may kindly be sent monthly and acknowledge the receipt of this letter also.

Yours faithfully
Under Secretary (Revenue) to the
Government of Himachal Pradesh

APPENDIX-XVII (h)

PARTICIPATORY FOREST MANAGEMENT RULES – 2001

(Authoritative English text of this Department Notification No. Fts-II (B)15-10/87
Dated 23.8.2001 as required under clause (3) of article 348 of the Constitution of
India)

NOTIFICATION

No. Fts. II (B) 15- 10/87

Dated 23.08.2001

In exercise of the powers conferred by section 80 read with section 81 of the Indian Forest Act, 1927 (Act No. XVI of 1927), the Governor, Himachal Pradesh is pleased to make the following Regulations, namely:

1. Short title, application and commencement:

- (1) These Regulations may be called the Himachal Pradesh Participatory Forest Management Regulations, 2001.
- (2) They shall apply to such Government forests and such Government land including the common land, which shall be selected jointly for participatory forest management by the Society and the Department.
- (3) They shall come into force from the date of publication in Rajpatra, Himachal Pradesh.

2. Definitions:

In these Regulations, unless there is anything repugnant in the subject or context, -

- (a) “**Act**” means The Indian Forest Act, 1927, (Act No. 16 of 1927) as amended in its application to Himachal Pradesh;
- (b) “**Conflict Resolution Group**” means a group consisting of a representative of the concerned Gram Panchayat, a representative of the local non-government organizations or local community based organizations and the concerned Assistant Conservator of Forests;

- (c) **"common land", "family", "Gram Panchayat", "Panch", "Pradhan", "village" and "Ward"** shall have the meanings respectively assigned to them in the Himachal Pradesh Panchayati Raj Act, 1994 (Act No. 4 of 1994);
- (d) **"Department"** means the Himachal Pradesh Forest Department;
- (e) **"Divisional Forest Officer"** means the forest officer in-charge of a territorial or wildlife forest division of the Department;
- (f) **"Executive Committee"** means executive body of the Society;
- (g) **"Forest Officer"** means a Forest Officer as defined under sub- section (2) of section 2 of the Act;
- (h) **"General House"** means General House of the Society;
- (i) **"Government"** means Government of Himachal Pradesh;
- (j) **"Grazier group"** means a group of persons, whether resident members or migratory graziers, who are dependent on the grazing resource in the selected area for meeting their livelihood needs;
- (k) **"Micro- plan"**, means a holistic forest management and development plan of the area selected for participatory management;
- (l) **"Participatory forest management"** means management of Government forest and Government land including common land managed jointly by the Society and by the Department;
- (m) **"Selected area"** means any Government forest and Government land including common land selected under regulation 3 of these Regulations;
- (n) **"Self help group"** means any organized group of persons, who collectively by mutual help are able to enhance their economic status through resource based activities;
- (o) **"Site specific plan"** means a sub component of the micro-plan which is a technically appropriate plan for the site;
- (p) **"Society"** means village forest development society registered under section 3 of the Societies Registration Act, 1860 (Act No. 21 of 1860) for participatory forest management;
- (q) **"Sustainable forest management"** means management which is economically viable, environmentally benign and socially beneficial, and which balances present and future needs; and
- (r) **"User group"** means a group of persons dependent upon a common natural resource for sustaining its livelihood needs.

3. Intent of participatory forest management:

- (1) On an application made to the Divisional Forest Officer signed by at least 50 percent of the voters of a Gram Panchayat Ward, any Government forest and Government land including common land may be brought under participatory forest management. The land so identified shall be known as selected area.
- (2) In accordance with the wider objectives and plans of Government for sustainable forest management, the selected area shall be managed jointly by the Society and the Department on the terms and conditions of an agreement to be entered between the Society and the Department.

4. Village forest development society:

- (1) There shall be a Society for a Gram Panchayat Ward. However, where the Ward is not compact and the hamlets within it do not have common forests, common grazing lands, common rights and concessions more than one Society may be formed for each cluster of hamlets. The Society shall be registered under section 3 of the Societies' Registration Act, 1860. (Act No. 21 of 1860).
- (2) All voters of a Gram Panchayat Ward shall be entitled to be enrolled as members of the Society.

5. Constitution of Executive Committee of the Society:

The Executive Committee shall consist of -

- a) President to be elected by the General House;
- b) Vice President -do-
- c) Four Members -do-
- d) Treasurer to be nominated by the elected members from amongst the members of the Society;
- e) Joint Secretary (woman) -do-
- f) Ward Panch ex-officio member;
- g) President - Mahila Mandal -do-
- h) Representative - Local women group -do-
- i) Three Members to be co-opted from the village level committees constituted by other departments of the Government, societies registered under the Societies Registration Act, 1860, (Act No. 21 of 1860) , user groups, self help group and grazier group;
- j) Member- Secretary to be elected by the General House. Provided that at least 7 members of the Executive Committee shall be from amongst the women. Joint Secretary shall assist the Member-Secretary.

6. Term of office of members of the Executive Committee:

Elected members of the Executive Committee shall hold office for a period of two years from the date of assumption of office.

7. Powers of the Executive Committee:

The Executive Committee shall exercise the powers of a “Forest Officer” as assigned by the Government under the Act.

8. Usufruct Sharing:

The Society shall be entitled to the following benefits, namely :-

- a) to collect the yield such as fallen twigs, branches, loppings, grass, fruits, flowers, seeds, leaf fodder and non timber forest products free of cost;
- b) to the sale proceeds of all intermediate harvest, subject to protection of forest and plantations for at least 3 years from the date of agreement;
- c) to organize and promote vocational activities related to forest produce and land; and other activities such as promotion of self help groups which may provide direct benefits, including micro-lending to women. None of the activities so promoted shall affect the legal status of the forest land;
- d) recorded rights over the forest shall not be affected by these benefits;
- e) the Government shall charge no royalty on the forest produce within the selected area;
- f) after 5 years, the Society may expand the area, on the basis of a fresh agreement deed, by inclusion of adjoining or nearby areas;
- g) after 20years from the date of agreement and, based on the principles of sustained forest management, 75 percent of the net sale proceeds from the selected area shall be put into the account of Society and the remaining 25 percent of the net sale proceeds shall go to the concerned Gram Panchayat; and
- h) To utilize at least 40 percent of the net sale proceeds on forest regeneration activities including soil and water conservation.

Provided that for the purpose of usufruct sharing, family shall be one unit.

9. Funds:

Funds shall be generated by the Society through contributions by members and the sale of usufructs under these regulations. All funds, including those received from the Government, Gram Panchayats and non-government sources shall be utilized through the micro-planning process.

- 10. Maintenance of Accounts:** The sum received by the Society shall be deposited in the name of the concerned Society in a nationalized bank or scheduled bank

or co-operative bank or post office and the account shall be operated under the signatures of the President, Treasurer and Member-Secretary of the Society.

11. **Grant-in-Aid:** The department shall release Grant-In- Aid to the Society under the Grant-In-Aid Rules subject to the availability of funds and satisfactory performance of functions by the Society.
12. **Settlement of Dispute:** In case of any dispute in relation to usufruct sharing in the Society, the Deputy Ranger concerned of the Department, shall take steps to reconcile the dispute. In case the dispute is not resolved, the Deputy Ranger shall refer the dispute, along with his report to the Range Officer concerned of the Department. The Range Officer, after hearing the parties, shall resolve the dispute within 30 days from the date of receipt of report of the Deputy Ranger.
13. **Appeal:** An appeal shall lie from the decision of the Range Officer to the Conflict Resolution Group to be filed within 30 days from the date of decision, who shall decide the same within 60 days from the date of filing of appeal, after affording an opportunity of being heard to the parties. The decision of the Conflict Resolution Group shall be final and binding on the parties. The Conflict Resolution Group shall send a copy of the decision to the Society and the Divisional Forest Officer concerned free of cost.
14. **Preparation of micro-plans:**
 - (1) A micro-plan shall be prepared for the holistic forest management and development of the selected area, by the Society. The Department shall help the Society in preparation of the micro-plan. A micro-plan shall be operative for a period of five years from the date of its approval by the Divisional Forest Officer and may be revised after three years. The micro-plan shall be passed in the general house with at least 60 percent majority of the members present.
 - (2) The Divisional Forest Officer may approve whole or part of the micro-plan.
15. **Powers of the Government:** Notwithstanding anything contained in these regulations, the Government shall have the powers to issue directions to the Society on participatory forest management processes, micro-planning, co-ordination, monitoring, and grant -in -aid and implementation mechanisms.

By Order. FC-cum-Secretary (Forests) to the
Government of Himachal Pradesh

APPENDIX-XVII (i)
GOVERNMENT OF HIMACHAL PRADESH
FOREST DEPARTMENT

No. FFE-B-A (11)-1/2006-II

Dated, Shimla-2 31-05-2011.

NOTIFICATION.

In pursuance to the Order dated 20-05-2011 passed by the Hon'ble High Court of Himachal Pradesh in Cr. M.P. No.1299/2008 titled as Yoginder Singh V/S State of Himachal Pradesh, the Governor, Himachal Pradesh is pleased to constitute Task Force (s) in all Forest Divisions of the Forest Department comprising of the following officers:-

1. Divisional Forest Officer
2. Deputy Superintendent of Police in the jurisdiction of the Forest Division
3. Tehsildar (s) or NaibTehsildar(s) as the case may be.
2. In the above Task Force(s), Divisional Forest Officer(s) shall function as convener of the Task Force(s) and meet regularly as per need.
3. The above Task Force(s) shall facilitate the process of registration of F.I.R.s, including putting up of challan(s) against the persons, who have encroached upon more than 10 bighas of forest, land as per order of the Hon'ble High Court passed in the above-mentioned case. F.I.Rs will be lodged on or before 19-06-2011 as per orders of the Hon'ble High Court.
4. The Divisional Forest Officer will give a certificate duly counter signed by the Conservator of Forests that there is no encroachment on 10 Bighas of foest land made in the area falling in his jurisdiction.
5. The Task Force(s) shall work directly under the superintendence and control of the Monitoring Committee as constituted by the Hon'ble High Court.

By Order.

Addl. Chief Secretary (Forests) to the
Government of Himachal Pradesh.

APPENDIX-XVII (j)
GOVERNMENT OF HIMACHAL PRADESH
FOREST DEPARTMENT

NOTIFICATION

No.FFE-B-A93)-3/2010

Dated 05-05-2010.

In exercise of the powers conferred by Section 68 of the Indian Forest Act, 1927 read with directions issued by the Hon'ble High Court of Himachal Pradesh vide its judgment dated 28.8.2009 in COPC No.56/2009, titled as Kuldip Singh Chauhan Vs Balbir Singh and others and in supersession of all the previous guidelines issued on the subject, the Governor, Himachal Pradesh is pleased to empower all the Range Officers-in-charge of the ranges to compound forest offences and to accept compensation and/or release the seized property as mentioned in the aforesaid section. The regulation of the compounding of forest offences, disposal of the cases of illicit felling and other forest offences shall be as under:-

1. Cases not liable to be compounded:- The following are the cases which shall not be compounded, namely:-

- i) Illicit transport of resin, timber, katha and bamboos irrespective of magnitude of offence;
- ii) Cases of habitual offenders i.e. an offender who commits more than one offence during the year;
- iii) Illicit encroachment of forest land;
- iv) Where an individual/right holder/saw-miller is in possession of unaccounted timber, resin, katha for which satisfactory proof of procurement is not given by him;
- v) Where value of forest produce is more than rupees two lacs,
- vi) Illegal establishment of depot and illegal running of saw mills;
- vii) Deliberate causing of forest fire;
- viii) Illegal purchase and sale of timber;
- ix) Cases under Section 62 and 63 of the Indian Forest Act, 1927;
- x) Cases of shifting/uprooting/intentionally damaging the forest boundary pillars;
- xi) Defacing of hammer marks; and
- xii) Infringement on the stipulations imposed by Government of India while granting permission under Forest Conservation Act, 1980 and rules framed thereunder.

Cases which may be compounded:-

(1) Forest offences cases of right holders in the following circumstances can be compounded

(a) Where illicit felling of trees has been done to meet the bonafide domestic requirements and the offence is petty in nature.

Note: - The expression ‘petty’ offences’ in relation to illicit felling shall mean the offence where the amount involved is less than rupees two lakh. For determining that the offence is for bonafide domestic use, it must be established during investigation that timber has actually been used for domestic purpose only.

(b) No case of petty Forest offences involving illicit felling shall be compounded until an enquiry and investigation is held by an officer not below the rank of Forest Ranger.

(c) Weak cases lacking in evidence and subsequently rendered un-fit for challan shall be compounded after examination by Divisional Forest Officer on advice of concerned District Attorney. Where there is difference of opinion between the Divisional Forest Officer and District Attorney, the Conservator of Forests thereon shall be final.

- 2) All forest offence cases relating to illicit lopping against the regulatory provisions/rules by right holders either for the purpose of fodder or fuel shall be compounded and taken to courts only if the accused refuses to compound the same.
- 3) Cases relating to illicit grazing shall be compounded and be taken to courts only if the offender refuses to compound.
- 4) No case of violation of provisions of H.P. Land Preservation Act, 1978 shall be compounded except, where no element of trade is involved and unauthorized felling of trees from private land is for bonafide domestic use and involves not more five trees than the limit specified under the Act *ibid*.
- 5) In all cases to be compounded under Indian Forest Act, 1927, in addition to the acceptance of compensation as per provisions of the said Act, the case property shall not be released after charging value thereof at the market rate.
- 6) In cases to be compounded under Himachal Pradesh Land Preservation Act, 1978 only compensation for the forest offence shall be charged and no value for release of property be charged.
- 7) In the under mentioned cases double rates shall be charged both for compensation and release of property

- (i) Where offence is committed before sun rise or after sun set;
 - (ii) Where offence is committed in reserve forest,
 - (iii) Where resistance is offered at the time of detection of offence;
 - (iv) Where compounding of offence is done with the permission of the Court where the matter is pending for adjudication,
 - (v) Unauthorized uprooting of stamps of all species, and
 - (vi) Offence committed in plantation or regeneration area.
- 8) Forest offences relating to unavoidable damages caused by the Companies or corporate Bodies shall be compounded after ascertaining by an officer not below the rank of Divisional Forest Officer, that the damage is unavoidable.
- 9) Forest offences relating to avoidable damages upto Rs. 2 lacs caused by the companies of Corporate Bodies shall be compounded after realizing value of the forest produce and compensation at the double rates.

Explanation: -1. 'Avoidable damage' means the damage which can be avoided by taking reasonable humanly or mechanical precaution.

2. 'Unavoidable damage' means the damage which cannot be avoided even by taking reasonable humanly or mechanical precaution.

3. Cases to be taken to Courts by the Forest Department:- The following cases shall be taken to courts by department and defended through District Attorneys:-

- i) Cases not liable to be compounded as detailed at para 1 of this notification;
- ii) Where offender refuses to compound the offence;
- iii) Where the value of produce involved is between rupees two lacs and rupees ten lacs; and
- iv) Cases of avoidable damages caused by the companies/Corporate Bodies involving amount more than Rs. 2 lacs and upto Rs. 10 lacs.

4. Cases to be registered with Police: - The following types of cases shall be registered with the police by the department, namely:-

- i) Forest offence cases where the value of produce is more than rupees ten lacs;
- ii) Cases relating to area where Indian Forest Act, 1927 and rules framed there under are not applicable or there are no special rules under which prosecution is possible.
- iii) Where Divisional Forest Officer concerned considers that police rather than Forest Department may deal with the matter to have deterrent effect. In all these cases, previous sanction of Conservator of Forests shall be obtained.

iv) When encroachment is detected on forest land, action for removal of such encroachment shall be initiated under the Himachal Pradesh Public Premises and Land (Eviction and Rent Recovery) Act, 1971 and also action for committing forest offence by the encroacher shall be initiated under the Indian Forest Act, 1927. FIR under various provisions of Indian Penal Code shall be registered with Police in case:-

- (i) Boundary pillars have been tampered with;
- (ii) Permanent structure has been made;
- (iii) Area encroached is more than 10 bighas;
- (iv) Offence of encroachment is committed repeatedly;
- (v) There is encroachment within the protected area network (PAN) i.e. in a Wildlife Sanctuary or National Park.
- (vi) The cases involving avoidable damages exceeding rupees 10 lacs caused by the Companies or Corporate Bodies.

6. The powers for fixing of rates of compensation, value of forest produce, implements and review of damage reports shall be as under:-

- i) The rates of compensation of forest offence including illegal/illicit muck dumping shall be fixed by the concerned Conservator of Forests of the Circle.
- ii) The value of forest produce will be determined at the market value as fixed by the Principal Chief Conservator of Forests every year. The value of minor forest produce shall be the market value prevalent at that time to be fixed by the Conservator of Forests.
- iii) The rates of implements involved in the offence and to be released on compounding of the offence shall be fixed by Conservator of Forests of the circle.
- iv) All the damage reports shall be dealt with and reviewed at the range level for compounding and prosecution on monthly basis and report in this respect shall be sent to the Divisional Forest Officer.

By Order

Additional Chief Secretary (Forests) to the
Government of Himachal Pradesh.

APPENDIX-XVII (k)
GOVERNMENT OF HIMACHAL PRADESH
DEPARTMENT OF FORESTS

No. Fts. B (F) 13-49/98 Loose

Dated Shimla-2

NOTIFICATION

In exercise of powers conferred by section 41 read with section 42 of the Indian Forest Act, 1927(16 of 1927), the Governor, Himachal Pradesh is pleased to amend the Himachal Pradesh Forest Produce Transit (Land Routes) Rules, 1978 published in Rajpatra, Himachal Pradesh (Extra Ordinary) dated the 5th March, 1979 vide this Department Notification No. Fts. (A) 3-1/77 dated 20th November, 1978 and the subsequent notification namely:

Short title and Commencement

1. (i) These rules may be called the Himachal Pradesh Forest Produce Transit (Land Routes) Amendment Rules, 2012.
- (ii) They shall come in to force from the date of publication in the Rajpatra, Himachal Pradesh.

Amendment of Rule-5

2. In the rule 5 of the Himachal Pradesh Forest Transit (Land Routes) Rules 1978 and the subsequent notifications (hereinafter called the “said rules”), after the word “medicinal Plants” but before the words “that does not bear”, the words “and seeds, grass, other plant parts including bark, leaves, stem, roots, flowers, fruits, cones” shall be inserted.

Amendment of Rule -6

3. In the rule 6 of the said rules after the word “medicinal plants” but before the words “ by land routes” , the words “and seeds, grass, other plant parts including bark, leaves, stem, roots, flowers, fruits, cones” shall be inserted.

Amendment of Rule-9

4. In the rule 9 of the said rules figures of Rs.5/- and Rs.10/- shall be substituted by figures of Rs.500/- and Rs.1000/-.

Amendment of Rule 10

5. In the rule 10 of the said rules after the word “medicinal plants” but before the word “ bears the marks”, the words “and seeds, grass, other plant parts including bark, leaves, stem, roots, flowers, fruits, cones” shall be inserted.

Amendment of Rule-11

6. In the sub rule 11(1) of the said rules after the word “except” but before the words “ by land routes”, the words “Kuth, or forest produce obtained from Poplar, Albizzia, Willow, Bauhinia, Eucalyptus, Mulberry and Bamboos growing on the private land” shall be substituted by words “that obtained from plant species listed in and obtained in accordance with the provisions contained in schedule-I of Annexure D”

Amendment of Rule-11

7. In the sub rule 11(3) of the said rules for the word “and” existing before the words. “Bamboo” the sign “,” and after the word ‘ Bamboo’

and before the words “unless the timber” the words, “and obtained from the plant species listed in and obtained in accordance with the provisions contained in Schedule-I of Annexure D” shall be substituted.

Amendment of Rule-11

8. In sub rule 11(5) of the said rules figure of Rs.25/- shall be substituted by figure of Rs.100/- and after the words “issue of such pass”, the words “except in case of medicinal plants for which the fee shall be as per schedule II of Annexure- D” shall be substituted by the following:-

- “Provided that the Permit Fee in case of forest produce obtained from the species listed in Schedule-II of Annexure-D;
- Provided that the Permit Fee in respect of forest produce obtained from species, including that listed in Schedule-II of Annexure- D, Cultivated on private land in accordance with the provisions contained in Schedule-II of Annexure-‘D’ shall be Rs.100/-
- Provided further that in respect of medicinal plants as included in Schedule-II of Annexure-‘D’ purported to be transported to notified Herbal/Agricultural Mandis, Permit Fee shall be levied in accordance with procedure detailed in Annexure-‘E’.

APPENDIX-XVII (I)

MEMORANDUM OF AGREEMENT BETWEEN THE _____ JFMC (JOINT FOREST MANAGEMENT COMMITTEE) AND FDA (FOREST DEVELOPMENT AGENCY SHIMLA)

The agreement between Joint Forest Management Committee _____ (JFMC) duly registered with CF Shimla-cum-Chairperson Forest Development Agency Shimla and Forest Development Agency (FDA) Shimla which is a duly registered body under Section 3 of Societies Registration Act 1860 (Act no. 21 of 1860).

This Memorandum of Agreement (Mo A) containing the following terms and conditions is hereby signed between the JFMC _____ through its President (1st Party) and the FDA Shimla through its Member Secretary i.e. DFO Shimla (2nd Party).

General Agreement:

1. This agreement is done with respect to the area proposed for treatment as per Micro plan of the JFMC _____.
2. Provisions of the guidelines of NAP (National Afforestation Programme) and HP PFM Regulations, 2001 notified vide no. Fts.II (B) 15-110/87 date 23.8.2001 shall be binding on the JFMC and FDA Shimla.
3. Terms used in this Mo A shall have the same meaning as given in the guidelines of NAP (National Afforestation Programme) and the HP PFM Regulations, 2001.
4. Roles and responsibilities as given here under for the JFMC and FDA are acceptable to both the parties.
5. The legal status of land brought under this agreement shall remain unchanged and continue to be the same as it was prior to signing of this Mo A.
6. The implementation and financial assistance shall be governed as per approved Project Document and as modified from time to time.

Roles and Responsibility of First Party

1. Copy of byelaws and registration certificate of JFMC _____ are annexed herewith and shall be a part of this MoA.
2. After the parties jointly reach a conclusion about treatment of selected area/areas, the JFMC shall prepare a detailed Micro plan for approval of Member Secretary FDA Shimla-cum-DFO Shimla.

3. The JFMC shall develop necessary mechanism for and shall implement approved micro plan satisfactorily involving a monitoring committee that will include the Ward Panch.
4. The JFMC shall convene regular meetings (at least once every three months), keep record and maintain account in accordance with its bye-laws and provisions of Societies Act 1860.
5. The account of JFMC shall be audited according to instructions of Government of India or by a qualified Chartered Accountant. The JFMC shall submit a copy of the audited account and its annual report to the concerned Member Secretary-cum-DFO Shimla.
6. The JFMC shall make the records available to the officers of the Forest Department on demand.
7. The JFMC shall work out a mechanism for equitable sharing of usufructs and sale proceeds of harvest from the selected area amongst its members.
8. The JFMC undertakes to protect the selected area and adjoining forests against fire, grazing encroachments poaching illicit removal and damage to forests/forest boundary, take cognizance of such offences and report the same to the concerned forest officer. The JFMC is responsible for the standing trees already existing in the selected areas handed over to them.
9. The JFMC shall render assistance in implementation of all the Forest Laws and Acts including Wild Life Protection Act, 1972 in the areas falling within its area of work.
10. The JFMC shall raise funds for implementation of the approved Micro plan on its own and this MoA shall in no way bind the FDA for providing funds to the JFMC for any or all activities proposed under the Micro plan.
11. The JFMC will open an account in any Nationalized/Cooperative Bank to be operated by President/Member Secretary jointly.
12. The JFMC shall submit Utilization Certificate for the funds utilized by the Committee for each quarter to The DFO Shimla-cum-Member Secretary FDA Shimla.

Role and Responsibilities of the Second Party

1. The DFO Shimla-cum-Member Secretary FDA Shimla shall release the funds after approval of the Micro plan in the first instance and subsequently as and when received from Government of India.

2. The DFO Shimla-cum-Member Secretary FDA Shimla shall approve the micro plan submitted by JFMC in relation to selected area as it is or with modifications keeping in view ecological requirement of the area, within 30 days of its submission.
3. The Micro plan has to be for a minimum period of 5 years but it may be reviewed/ modified after 3 years.
4. The DFO Shimla-cum-Member Secretary FDA Shimla shall provide or arrange necessary training(s) to the Member secretary and other members of the JFMC as per requirement.
5. The DFO Shimla-cum-Member Secretary FDA Shimla or his representative Forest Department may check implementation of approved Micro plan activities to ensure proper utilization of GIA.
6. The details of assets created by the first party will be incorporated by the second party in the Working Plan document and concerned Compartment History File.
7. If JFMC fails to execute the works or does not work properly or does not maintain accounts etc. properly Member Secretary FDA Shimla can appoint Administrator to run the affairs of the JFMC.

Settlement of disputes

In case of any dispute between the parties regarding this MoA, it will be resolved by the Conflict Resolution Group; the decision of Chairperson FDA Shimla-cum-CF Shimla shall be final and will be binding on all parties.

Signed on this day _____ of _____/2005 in the presence of witnesses as under.

Signature (with Date)
President of the JFMC

Signature (with Date)
Member Secretary FDA Shimla
-cum-DFO Shimla

Witness (1) Signature _____
Name _____
Address _____

Witness (2) Signature _____
Name _____
Address _____

APPENDIX-XVII (m)

MEMORANDUM OF UNDERSTANDING

Whereas the Himachal Pradesh Forest Department is implementing the National Afforestation Programme (NAP) of the National Afforestation & Eco-Development Board (NAEB), of the Ministry of Environment and Forests (MOEF) of Government of India (GOI) as a 100% Central sector/ Centrally Sponsored Scheme. (Referred to as scheme hereto after)

And whereas, in the participatory mode, the scheme is being implemented by setting up Forest Development Agencies (FDAs) at the Forest Division level and Joint Forest Management Committees (JFMCs) at the village level to seek greater participation of the village level communities both in planning and implementation of the appropriate afforestation programme in accordance with the objectives of the FDA scheme. This would ground the people-centered approach in afforestation programme and provide a firm and sustainable Mechanism for devolution of funds received from NAEB, GOI to JFMCs for afforestation and related activities. Organic unity in this structural framework shall promote efficiency, effectiveness, accountability through decentralization and devolution of authority and responsibilities,

And whereas, the village is reckoned as a unit of planning and implementation and all the activities under the scheme shall be conceptualized at the village level. The two-tier approach apart from building capabilities at the grass-roots level shall also empower the local people to participate in the decision making process both physical and financial.

And whereas, the FDA is a registered society under the Societies' Registration Act. The activities and functions of the FDA are to be carried out in accordance with the guidelines for the National Afforestation programme formulated by NAEB, GOI from time to time. (Annexure-A) At the grass-root level the JFMCs are the implementing agency. The composition and functions of the JFMCs are given in Annexure-B. The JFMCs are registered with the respective Territorial/ Wildlife Conservator of Forests.

And whereas, Joint Forest Management (JFM) is a central and integral part of all FDAs. The FDA institution requires that JFM Committees exist and are functional in the FDA implemented areas. The FDA guidelines stipulate that usufructs from the FDA scheme areas are shared according to the provisions of the JFM/PFM notifications of the State Government.

And whereas, the Himachal Pradesh Forest Department has also notified regulations titled "Himachal Pradesh Participatory Forests Management (HPPFM) Regulations, 2001" notified vide No. Fts II (B) 15-10/87 dated 23.8.2001 for

sustainable management of its forest resources in collaboration with the local communities. The provisions of this notification shall also be applicable as part of this MOU, so far as the definitions, intent of participatory Forest Management, funds, grant-in-aid, preparation of micro plans and sharing of usufructs are concerned amongst the JFMC members in an equitable and transparent manner.

And whereas, the State Government shall be represented by DFO of the Forest Division in which the FDA is being implemented the HP Forest Department (hereinafter referred to as the Department).

Now therefore, a MOU containing the following terms and conditions is hereby signed between the JFMC _____ through its President (First Party), and the Forest Department Himachal Pradesh through the DFO (CEO of the FDA)(Second Party) on this Day _____

1. Terms of MOU

- 1.1 This MOU is valid for all the FDA activities/all other afforestation and related activities of Forest Department carried out within the jurisdiction of JFMC _____ and in respect of areas on which FDA activities have been carried out by the JFMC.
- 1.2 Provisions of the HPPFM Regulations, 2001 notified vide No.Ftsll(B) 15-10/187 dated 23.8.2001 shall be binding JFMC and the Department
- 1.3 Terms used in this MOU shall have same meaning as given in the HPPFM Regulations 2001.
- 1.4 Roles and Responsibilities as given there under for the JFMC, Gram Panchayat and the Department shall be acceptable to both the parties.
- 1.5 The legal status of (and brought under this MOU shall remain unchanged and continue to be the same as it was prior to signing this MOU.
- 1.6 The Implementation and financial assistance shall be governed in accordance with the stipulations laid down by the FDA guidelines issued by NAEB, MOEF, GOI and/or by the State from time to time.

2. Roles and Responsibilities of First Party

Copy of bye-laws and registration certificate of _____

JFMC are annexed herewith and shall be a part of this MOU.

The Executive committee of the JFMC, with help from the local forest guard, shall obtain the written consent of the adjoining villages regarding the boundaries of the area selected to be managed.

After the parties jointly agree to the selected areas, the JFMC shall prepare a detailed 5-year micro-plan for approval of DFO. The microplan shall contain necessary mechanisms for the sustainable management of the forest resources in the selected area and shall include:

- a) A plan for proper lopping of fodder, extraction of fuel wood, extraction of medicinal and aromatic plants, grass and grazing.
- b) A plan for the protection of existing and created forest resources, plantations done, afforestation areas created against damage from forest fires, encroachment and wrongful extraction.
- c) A plan for proper maintenance of plantations and afforestation areas created under the FDA.
- d) Wherever necessary, a plan for plantation of new areas with shrubs, trees, herbs, grasses that the members of the JFMC feel are in the long term interests of the village.
- e) A low cost plan for the treatment of landscape features that are in critical state of degradation.
- f) A plan for the equitable sharing of the forest produce or the proceeds from the sale of the harvested produce amongst the members of the JFMC.

The mechanisms contained in the micro plan can be changed by the JFMC according to the process defined in the guidelines for the preparation of the FDAs. The changes in the micro plan shall be considered effective after they are approved by the DFO.

The JFMC shall present the micro plan in the General House of the JFMC in a meeting convened immediately after its approval by the DFO.

- 2.3 The JFMC shall coordinate with the user groups of adjacent forest areas and the Panchayat level conflict resolution group for the resolution of any conflicts that may arise during the implementation of the micro plan.
- 2.4 The accounts of JFMC shall be audited by a qualified Accountant approved by Govt.

The JFMC shall be accountable to the DFO for funds received in the form of grant-in-aid (GIA) and submit the details of expenses made out of these funds to the concerned DFO as per GIA Rules in force from time to time.

- 2.5 The JFMC shall raise funds or labour for implementation of the approved micro plan on its own and this MOU shall in no way bind the Department for

providing funds to the JFMC for any or all activities proposed under the micro plan.

- 2.6 The JFMC shall evolve a transparent mechanism, approved by the general house of the JFMC, for equitable distribution of all usufructs amongst all the members of the JFMC.
3. Role and Responsibilities of the Second Party
 - 3.1 The DFO shall consider applications submitted by the JFMC for bringing the requested area under FDA and finalize the area after due consideration which would include determining the usage boundaries with the contiguous forest user groups - within 30 days of such application.
 - 3.2 The Department shall provide or arrange necessary trainings to members of the executive committee of the JFMC as and when the need arises.
 - 3.3 The DFO shall extend all possible help to the JFMC in obtaining the consent of villages adjoining the selected area regarding their respective boundaries of usage.
 - 3.4 The DFO and his staff shall assist the JFMC to formulate the micro plan and its implementation. They shall provide necessary technical input to JFMC as and when required.
 - 3.5 The DFO shall approve the micro plan submitted by the JFMC in relation to selected area as it is or with modifications keeping in view the ecological requirement of the area, within 30 days of its submission. The micro plan has to be for a minimum period of 5 years, but may be reviewed/ modified by the general house of the JFMC subject to approval by the DFO.
 - 3.6 The DFO shall carry out the necessary procedure for granting to the JFMC the powers of a forest officer as mentioned in the HP PFM Regulation, 2001, viz. power to register a damage report, power to summon the accused to the general house of the JFMC, make recommendations to the Range Forest Officer regarding the compounding of damage in respect of offences committed on FDA areas.
 - 3.7 The Range Forest Officer shall take cognizance of damage reports generated by the JFMC, compound the damages or take any necessary penal action within 15 days of receipt of the ". Damage report from the JFMC.
 - 3.8 The DFO shall check the implementation of the approved microplan activities and ensure proper utilization of the Grant-in- Aid (GIA) funds.

- 3.9 The DFO shall give his decision upon any change proposed in the microplan by the JFMC within fifteen days of receiving it.
- 3.10 The DFO shall ensure the formation of conflict resolution groups at the JFMC and Gram Panchayat level, the Range level and the Forest Division level.
- 3.11 The Department shall help the JFMC with sale of intermediate & final harvest from the selected areas by setting up a marketing network.

The DFO shall incorporate the details of the management mechanisms contained in the microplan and the assets created by the JFMC in the Working Plan Document and the concerned compartment history file.

4. Usufruct Sharing:

The JFMC shall be entitled to the following benefits, namely:-

- a) To collect the yield such as fallen twigs, branches, loppings, grass, fruits, flowers, seeds, leaf fodder and non timber forest products free of cost;
- b) To the sale proceeds of all intermediate harvest, subject to protection of forest and plantations;
- c) To organize and promote vocational activities related to forest produce and land; and other activities such as promotion of self help groups, women groups etc. which may provide direct benefits, including micro-lending to women. None of the activities so promoted shall affect the legal status of the forest land;
- d) Recorded rights over the forest shall not be affected by these benefits;
- e) The Government shall charge no royalty on the forest produce within the selected area;
- f) After 5 years, the Society may expand the area, on the basis of a fresh agreement deed, by inclusion of adjoining or nearby areas;
- g) After 20 years from the date of agreement and, based on the principles of sustained forest management, 75 percent of the net sale proceeds from the selected area shall be put into the account of JFMC and the remaining 25 percent of the net sale proceeds shall go to the concerned Gram Panchayat; and
- h) To utilize at least 40 percent of the net sale proceeds on forest regeneration activities including soil and water conservation.

Provided that for the purpose of usufruct sharing, family shall be one unit.

5. Conflict resolution

The JFMC shall strive to resolve all disputes related to the utilization and protection of the resources within the selected area in order to ensure the sustain

ability of resource availability, natural justice and equity. They shall be tried to resolve disputes at the lowest level of conflict resolution, starting with the JFMC itself.

For the effective decentralization of the settlement of disputes arising within members/non-members over the protection or utilization of resources of the selected area, conflict resolution groups need to be set up at different levels. The different levels of conflict resolution are:

- a) The general house of the JFMC.
- b) The Panchayat level conflict resolution group, comprising of a person with sound judgment nominated by the general house of the Gram Panchayat, two nominees of a local community based Organization (CBO) (e.g. Mahila Mandal or Yuvak Mandal), the concerned Block Forest officer.
- c) Range level conflict resolution group comprising of the concerned Range Forest Officer, two people of locally recognized to be of sound judgment, a representative of the Panchayat Sabha.
- d) Division level conflict resolution group comprising of the concerned Divisional Forest Officer.

In case any dispute between the parties regarding this MOU, is not resolved by the Conflict resolution Groups, the matter will be decided by the concerned Conservator of Forest whose decision will be final and binding on the parties.

- 6.1 We, the members of the Executive committee of the JFMC authorized by the general house do hereby undertake individually and collectively to perform the duties and shoulder the responsibilities as detailed in this Memorandum of Understanding for proper protection, regeneration and management of forest areas, protection, maintenance, regeneration and management of plantations and afforestation areas created under the FDA and other forestry schemes within the jurisdiction of the JFMC.
- 6.2 We, understand that the usufructuary benefits as detailed above and provided in the Participatory Forest management regulation/ rules and in any other scheme/rules framed and notified by the State/ HP Forest Department in vogue and notified from time to time, shall be allowed only upon satisfactory observance of the roles, responsibilities and functions by the JFMC as per this MOU. We undertake not to contravene any provisions of any Act or Rules in force. In case of failure to comply with any provision of this MOU by any member of the JFMC, the membership of such member may be cancelled and such member may not be allowed any usufructuary benefits from the date of termination of his/her membership.

6. Duration of the MOU

This MOU shall be valid for a period of five years from the date of signing and may be extended for a further period of five years at a time if both the parties so desire.

This MOU shall come into effect from_____

Signed this _____day of _____in the presence of witnesses as given under:

(First Party) with date

(Second Party) with date

Witness: 1

Witness: 1

Witness: 2

Witness: 2

APPENDIX-XVII (n)

(Authoritative English text of this Department notification number FFE-B-E(3)-43/2006-Vol-II, dated 26th December, 2013 as required under clause (3) of article 348 of the Constitution of India).

Government of Himachal Pradesh

Department of Forests.

No. FFE-B-E(3)-43/2006-Vol-II Dated: Shimla-2, the 26th December, 2013.

NOTIFICATION

Whereas the Governor of Himachal Pradesh had notified the Himachal Pradesh Forest (Timber Distribution to the Right Holders) Rules, 2010 vide this Department notification No.FFE-B-E(3)-43/2006-Vol-I, dated 2nd January, 2010 which were published in the Rajpatra Himachal Pradesh dated 7th September, 2010, in exercise of the powers conferred by clause (L) of section 32 of the Indian Forest Act, 1927 (16 of 1927);

And whereas the Governor is of the opinion that the rules so notified do not fulfil the public purposes for which the said rules have been notified due to cumbersome procedure and is not in consonance and time taking resulting into the public inconvenience;

And whereas the Governor of Himachal Pradesh is of the considered opinion that new rules are required to be framed for facilitating the general public in a useful manner;

Now therefore, in exercise of the powers conferred by clause (L) of section 32 of the Indian Forest Act, 1927 proposes to make the following rules, for carrying out the purposes of the said Act, and the same are published in the Rajpatra Himachal Pradesh for the general information of the public;

If any interested person(s) has/have any objection(s) or suggestion(s) with regard to these rules, he may send the same to the Principal Chief Conservator of Forests (HoFF), Himachal Pradesh within a period of 30 days from the date of publication of this notification in the Rajpatra, Himachal Pradesh;

Objections(s) or suggestion(s), if any, received within above stipulated period shall be forwarded to the Government by the Pr. Chief Conservator of Forests (HoFF), Himachal Pradesh with his recommendations/report which shall be considered by the Government before finalizing the same, namely:-

1.Short Title and commencement.-(1) These rules may be called the Himachal Pradesh Forest (Timber Distribution to the Right Holders) Rules 2013.

(2) They shall come into force from the date of publication in the Rajpatra, Himachal Pradesh.

2. Definitions.-(1) In these rules, unless the context otherwise requires,

(a) Act means the Indian Forest Act, 1927;

(b) 'Right Holder' means a person who has a right of timber recorded in the 'record of rights' in the Forest Settlement Report of the area concerned;

(c) 'Record of rights' means, rights recorded in the Forest Settlement Reports;

(d) 'Timber Distribution' means distribution of timber to the right holders as per record of rights recorded in the Forest Settlement Reports; and

(e) 'Timber Distribution Rights' means right of a Right Holder having cultivable lands for grant of timber for construction and repair of residential house and cow shed for bonafide domestic use of the Right Holder, recorded in the Forest Settlement Report of

the area concerned;

(2) All other words and expressions used but not defined in these rules shall have the same meaning as assigned to them in the Indian Forest Act, 1927.

3. Entitlement.-Timber shall be granted to the Right Holders who have their recorded rights in the concerned Forest Settlement Reports for grant of Timber for construction and repair of residential house, cow sheds for bonafide domestic use:

Provided that:

- (i) no Timber Distribution under these rules shall be made for ten years if the right holder has sold trees yielding timber for construction of houses from his private land holding;
- (ii) in case right holder has land holding which qualifies him for grant of timber at more than one place, he may be granted timber at both places but the price of trees shall be doubled at the second place. The right holder shall give undertaking about the details of land holdings and while applying for Timber Distribution at second place, details of timber already obtained against land at first place;.
- (iii) no Timber Distribution shall be granted to a land owner on the basis of land purchased after obtaining the permission of the Government under section 118 of the Tenancy and Land Reforms Act, 1972, irrespective of the date of purchase of such land;
- (iv) timber shall be granted only to the head of the family as per the Panchayat records;
- (v) timber shall be granted for the construction and repair of house and cow shed to be used only for bonafide domestic purposes;
- (vi) timber shall not be granted to the Right Holders, if trees for the purpose are not available silviculturally in the forest where concerned right holders have Timber Distribution right. However, in such cases trees may be given from other forests at 50 % of market rate of trees; provided right holders of those forests have no objection;
- (vii) rights other than for timber for construction and repair as contained in forest settlement reports shall continue to be exercised by the right holders;
- (viii) Timber Distribution Rights shall be subject to active cooperation and participation of Right Holders in forest conservancy. In case any Right Holder fails to perform his duties for apprehending offenders, extinguishing fire or committing any forest offence , his right of Timber Distribution shall be suspended for sixteen years from the date of omission or commission of such offence; and
- (ix) Timber Distribution Right of a Right Holder shall be suspended for sixteen years if he is found to have mis-utilized the timber obtained in Timber Distribution under these rules..

4. Quantity.-(1) Trees shall be granted in the form of unconverted tree as per scale fixed below:

- (i) for construction of new house = Up to 7 Cubic Meter standing volume; and
- (ii) for repair = Up to 3 Cubic Meter standing volume.

(2) Trees shall be given from salvage (fallen, dry standing) trees. If salvage trees are not available, then only silviculturally available green trees shall be given.

5. Periodicity. -The periodicity for grant of Timber Distribution to the Right Holders shall be as under:

- (i) for new construction - once in fifteen years;
- (ii) for repair - once in five years; and
- (iii) sufferers of natural calamities/fire sufferers: as recommended by the Sub Divisional Officer (Civil) concerned and after personal verification by the Assistant Conservator of Forest/Divisional Forest Officer concerned subject to the condition that the grant shall

not exceed the maximum limit specified under rule-4.

6. Rates. -The price shall be charged as under:-

- (i) Rs 500 per Cubic Meter standing volume for Deodar and Rs 250 per Cubic Meter standing volume for other species;
- (ii) Right Holders suffering from natural calamities shall be given trees free of cost;
- (iii) Price once fixed shall remain valid for five years.

7. Procedure for grant of trees.-Application for grant of trees shall be submitted by Right Holder as per Annexure-I to the Panchayat concerned after getting necessary remarks from the Patwari concerned about his land holding and rights. The Pradhan of concerned Gram Panchayat after ascertaining genuineness of the requirements of the Right Holder shall give his recommendations indicating actual quantity of requirement of timber. Thereafter, right holder shall submit his application to the Forest Guard of the area who shall enter the same in the register maintained for the purpose and shall acknowledge the receipt of the application to the Right Holder and shall send the application with his recommendations to the Block Officer after ascertaining the genuineness of demand, who in turn shall submit the application along with his recommendations to the Range Officer. The Range Officer shall forward the same with his recommendations to the Divisional Forest Officer. After receipt of application from the Range Officer, the Divisional Forest Officer shall take action for sanctioning of the trees after satisfying himself about the genuineness of the requirements and silvicultural availability of trees in the concerned forest and intimate his decision to the Right Holder concerned as per Annexure-II appended to these rules..

8. Verification by Divisional Forest Officer.- Divisional Forest Officer shall randomly verify the actual requirements of trees applied for before according sanction.

9. Jurisdiction and period for the use of Timber.-(1) Timber obtained in Timber Distribution scheme shall be utilised within the same Revenue Estate, where his rights exist. Trees granted under these rules shall be allowed to be carried within revenue estate without obtaining any permission after affixing of TD hammer:

Provided that in case the timber is to be carried out from one estate to another, the Right Holder shall have to obtain permission from the Range Officer concerned for this purpose:

(2) The timber granted shall be utilized by the Right Holder within a period of one year. If the trees granted are not utilized within the specified period, concerned Divisional Forest Officer may grant extension for their use based on the genuineness of the case. The Divisional Forest Officer shall ensure through his staff that the trees granted are used for the purpose for which they were sanctioned. In case Timber obtained is not utilized during the permissible period, the same may be seized/confiscated by the Forest Department and the decision taken by the Divisional Forest Officer in this regard shall be final.

10. Marking of trees.- After sanctioning of trees by the Divisional Forest Officer, they shall be marked by Block Officer.

11. Use of Saw for conversion.- Conversion of trees, marked in Timber Distribution, shall be converted by using saw.

12. Another tree in lieu of rotten tree.- If salvage trees marked in Timber Distribution are found totally rotten after conversion, the right holder may inform the Range Officer, who shall personally check, certify and send report to the Divisional Forest Officer. Thereafter another tree may be ordered to be marked in lieu of rotten tree.

13. Monitoring of data base and checking.-The data regarding details of right

holders, information about land at two places by the right holders, tree/timber granted, utilized, etc. shall be maintained and monitored Panchayat and Range wise by the Divisional Forest Officer concerned through the Officers and officials working under him.

14. Penalty and Punishment.- If any Right Holder, violates any provisions of these Rules in utilization of timber obtained, his rights shall be suspended for next sixteen years and he shall also be liable to pay the cost of the tree at the market rate.

15. Repeal and savings.-(1) The Himachal Pradesh Forest (Timber Distribution to the Right Holders) Rules, 2010 are hereby repealed.

(2) Notwithstanding such repeal or any action taken or anything done under the rules so repealed shall be deemed to have been taken or done under the corresponding provisions of these rules.

APPENDIX-XVII (o)

MINUTES OF THE PRICING COMMITTEE MEETING HELD ON 18.09.2013 UNDER THE CHAIRMANSHIP OF HON'BLE FOREST MINISTER H.P.

The following were present:-

1.	Vice Chairman, HPSFDC	Special invitee
2.	Principal Secretary (Forests)	Member
3.	Principal Secretary (Finance) to the GoHP	Member
4.	Pr. CCF H.P. (HoFF)	Member (Secretary)
5.	MD, HPSFDC	Member

After detailed deliberations decision on the item circulated vide PCCF (HoFF), H.P. letter No. Ft. 34-5/93(S) dated 19.09.13 was taken as under:-

Item No. I: Fixation of royalty rate for different species in special hill tracts and remote localities.

The concession given in the royalty rates for the lots of special hills tracts and special hill locality will continue for the year 2013-14 after which it will be reviewed.

Species	Weighted average sale rates obtaining during 2012-13 (Rs. per M3)	%age of sale rates fixed	Rate fixed for 2013-14 Rs. per M ³	
			Normal area	Remote & special hill tracts
Deodar	Rs. 24151/-	23%	5555	1333
Kail	Rs. 15723/-	20%	3145	881
Fir/Spruce	Rs. 10506/-	11%	1156	358
Chil	Rs. 6299/-	11%	693	215
Eucalyptus	Rs. 7161/-	25%	1790	NA
Shisham, Tun	Rs. 11405/-	30%	3421	NA
Sain	Rs. 7148/-	28%	2001	NA
Sal	Rs. 8601/-	16%	1376	NA
Khair-MG	Rs. 29752/-	4%	1190	NA
Other B.L.	Rs. 2287/-	20%	457	142

Volume and price of trees being handed over to Forest Corporation has to be market based and should be calculated accordingly to make Forest Corporation a competitive organization. Details about cost and royalty will be put up by MD, HPSFDC in the next meeting.

As a test check some lots should be worked by HP Forest Department and it should come out with the result of working to compare the same with the work of Forest Corporation and determine the true value of the produce.

Item No.-II: Uneconomical/loss making and un-worked timber/resin lots.

Lots running in loss cannot be exempted from payment of royalty because if royalty is exempted in loss making lots, then royalty of profit making lots will have to be enhanced. Principally, loss profit cannot made basis of payment or exemption of royalty.

If there is any specific issue in a particular lot then such case can be brought to the Pricing Committee, which will be deliberated on case to case basis.

Item No. III: Supply of Forest Produce to Tribal Area.

Complete reconciliation of fuel wood supplied sale value, its deposit and dryage etc. has to be reconciled in a time bound manner and then only decision can be taken by Pr. Secretary (Forests). It must be ensured that DMs go to the DFOs concerned and similarly directions will go to the CF concerned and get the reconciliation complete and then consolidated reconciled report will be submitted by the MD. However, sale proceed has to be transferred to Forest Corporation immediately after sale realization. Defaulter will be held responsible for financial irregularity.

Volume and price of trees being handed over to Forest Corporation has to be market based and should be calculated accordingly to make Forest Corporation a competitive organization. Details about cost and royalty will be put up by MD, HPSFDC in the next meeting.

As a test check some lots should be worked by HP Forest Department and it should come out with the result of working to compare the same with the work of Forest Corporation and determine the true value of the produce.

Item no. IV: Fixation of final royalty rates of resin blazes for the resin season 2012 and tentative rate for 2013 season.

The royalty rate for 2012 season comes to Rs. 49.53 per blaze as per calculation given in the agenda note. After rounding off the final royalty rate for 2012 season is fixed Rs. 50 per blaze and tentative royalty rate for 2013 season will be Rs. 45 per blaze.

Item No. V: Back possession of timber/resin lots of HPFD (Agenda item No. I of HPFD)

All lots (timber and resin) handed over to Forest Corporation will have to be worked by Forest Corporation and will not be taken back by the Forest Department on plea of HPSFDC that any lot or tree/blaze remained un-worked untapped. It is the responsibility of HPSFDC to work all the lots/blazes.

If there are any specific case in which lot/tree could not be worked due to natural factors like land slide, glaciers or some other specific problem in the concerned area, such cases should be brought with full facts to the committee on which decision will be taken on case to case basis.

Item No. VI: Payment of un-worked 427 trees in Lot No. 4/87-88 Bharmour. (Agenda item No. 2 of HPFD)

The royalty for 427 trees (632.86 M3) of lot No. 4/87-88 Bharmour will not be charged from the Forest Corporation as these trees could not be worked due to steep slope and inaccessible areas.

Item No. VII: Payment of Royalty of un-worked 130 trees in lot No. 5/87-89/Bharmour (Agenda item No. 3 of HPFD).

Royalty of 130 trees of the lot no. 5/87-89 Bharmour (269.34 M3) will not be charged from the Forest Corporation because these trees could not be worked due to the reasons that the trees were on steep slope.

Item No. VIII: Non payment of penalty for late payment of Sale Tax (Agenda item No. 4 of HPFD)

Whenever there is delay in payment of Sale Tax as per Sale Tax Act /Rules by HP Forest Corporation, penalty for belated payment will be deposited immediately without waiting for assessment by the assessing authority.

Item No. IX: Two working seasons for lot No. 9/91-92/Bharmour (Agenda item No. 5 of HPFD)

Since the total volume after supplementary making is more than 1 lac cft. the working period for this lot will be 2 years.

Item No. X: Non working or trees worked in Lot No. 4/87-88/Bharmour (Agenda item No. 6 of HPFD)

This has to be decided by the AD for which separate reference should be made to the AD by the Forest Department.

Item No. XI: Schedule of payment of realized sale proceed of seized timber. (Agenda item No. 7 of HPFD)

Whenever any seized timber handed over by the Forest Department is sold by the Forest Corporation, the sale proceed will be deposited by the GPSFDC within 30 days of realization of price. If this is not followed then this has to be brought to the notice of Pricing Committee in the next meeting.

Item No. XII: Application of volume factor of New Working Plan. (Agenda item No. 8 of HPFD)

New volume factor of revised Working Plan application on those lots which are handed over after the date on approval of revised Working Plan.

Item No. XIII: Extension fee for lots of Pangi Division. (Agenda item No. 9 of HPFD)

This item was withdrawn as it is administrative matter.

Item No. XIV: Payment schedule for Resin blazes after fixation of final Royalty rate of Resin blazes. (Agenda item No. 10 of HPFD)

From the date of fixation of final rates for Resin blazes, balance payment/adjustment will have to be made within 30 days by the HPSFDC.

Item No. XV: Non realization of Registration fee (Agenda item No. 11 of HPFD)

This item was withdrawn as it was not a Pricing Committee issue.

Item No. XVI: Non rounding of royalty rates of Resin Blazes (Agenda item No. 12 of HPFD)

APPENDIX-XVII (p)

(Authoritative English text of this Department Order No FFE-B-A(3)4/99 dated 10 September 2002 as required under clause (3) of article 348 of the Constitution of India)

**Government of Himachal Pradesh
Department of Forests**

No. FFE-B-A(3)4/99 Dated Shimla-2 the 10th September, 2002

ORDER

WHEREAS Notifications No 15-4/71-SF dated the 19th January, 1979

In respect of Solan district, 3rd February, 1979 in respect of Chamba and Bilaspur districts 6th February, 1979 in respect of Sirmour, Shimla, Hamirpur and Mandi Districts, 3rd May 1979 in respect of Kullu district, 30th May 1979 in respect of Una and Kangra districts and 27th August, 1980 in respect of Kinnaur district of Himachal Pradesh respectively were issued by the State Government in pursuance of the provisions of Section 3 of the Himachal Pradesh and Preservation Act, 1978 directing therein that the areas shown in the Schedule to each of them were either subject to erosion or were likely to become subjected to erosion and to provide for the conservation of the sub-soil water and for prevention of erosion on the said areas and new specified in the Schedule appended to this order:

AND whereas the State Government is satisfied that after due enquiry under section 7 of the said Act that regulations, restrictions, prohibitions and directions contained in this order are necessary for the purpose of giving effect to the provisions of the Act supra.

NOW, therefore, in exercise of the powers conferred by section 4 of the said Act, the Governor, Himachal Pradesh is pleased to temporarily regulate, restrict, prohibit throughout the areas in Himachal Pradesh (Except the areas falling within the limits of Municipal Corporation, Municipal Councils, nagar Panchayats and Cantonment Boards) as specified in Schedule appended to this order, the following acts for a period of 30 years from the publication of this order in the Rajpatra, Himachal Pradesh, namesly:-

1. The cutting of trees or timber and removal thereof in such areas shall be prohibited:

Provided that there will no restrictions on the number of trees to be felled for purposes of bonafide domestic uses of fodder and fuel:

Provided further that the owners may for their bonafide domestic and agricultural use fell three trees of coniferous (except chil trees) and in case of chil and other trees five trees each year

without permission and upto ten trees with the written permission of the Range Officer concerned and more than ten trees with written permission of the Divisional Forest Officer concerned. In case of bamboos there shall be no restrictions on number to be felled for bonafide domestic purposes or for use in their own cottage industries.

Provided further that the treesw for sale shall be felled in accordance with the ten year felling programme which shall be framed by the officers of the Forest Department and approved by the State Government and the trees shall be felled after obtaining the permission of the following authorities, namely:-

- (a) For khair, bamboos & other miscellaneous broad leaves species:-

No. of trees	competent authority of grant Permission to fell the trees
(1)	(2)
Upto 200 trees in a year	Divisional Forest Officer concerned

Above 200 trees in a year concerned Conservator of Forests

- (b) For all other species.

Upto 50 trees in a year concerned Divisional Forest Officer

Upto 100 trees in a year concerned Conservator of Forests.

Upto 200 trees in a year Principal Chief Conservator of
Forests, Himachal Pradesh

Above 200 trees in a year Himachal Pradesh Government

Provided further that any person felling the trees felled for domestic or agricultural use or for sale shall be required to plant atleast tree trees for one tree felled. In case, however, a fruit orchard is planted in such area, it shall be planted according to the norms laid down by the Horticulture Department, Himachal Pradesh for complete stocking of the area.

After the permission to fell be trees is given by the competent authority under para I of this order, the Divisional Forest Officer concerned shall issue the felling order.

Provided that the felling of bamboos shall be regulated according to three years felling programme, which shall be framed by the officers of the Forest Department and approved by the State Governmbent and that the permission for felling of bamboos for sale shall be granted by the Divisional Forest Officer concerned in accordance with 3 year felling programme.

The forest produce passing out of the areas permitted for felling of trees may be checked by any Forest Officer and no forest produce shall be extracted by any person without obtaining an export pass obtained in the Divisional Forest Officer concerned.

The authority competent to grant permission for felling of trees may, while granting permission, impose such conditions as it may deem necessary in the interest of forest conservancy and to avoid misuse of the forest produce so extracted.

Notwithstanding anything to the contrary contained in the foregoing paragraphs, the State Government may, by general or special order, allow the cutting or removal of any tree or class of trees subject to such condition as it may deem fit to impose, wherever it is expedient to do so in the public interest i.e. for the purpose of;

- (a) Grant of Nator land; or
- (b) Consolidation of holdings, or
- (c) Dry/fallen trees.

6. In case the trees are not felled within the prescribed year, the Principal Chief Conservator of Forests may extend the period upto one year in the following circumstances:-

(i) where the process of demarcation of land and karking of trees have been completed during the prescribed year of felling and felling orders stand issued by the Divisional Forest Officer concerned, but felling of trees has not been done or has been done partly; and

(ii) Where process of demarcation of land and karking of trees has been completed during the prescribed year of felling but felling orders have not been issued.

Explanation; "Prescribed year" means the financial year in which trees are to be felled in respect of the particular area in accordance with ten year felling programme approved by the State Government.

7. In all other cases other than those mentioned in sub-para (i) and (ii) of para 6 of this order, the competent authority to grant permission to fell the trees may allow felling of trees, irrespective of approved ten years felling programme of the concerned area, in the following circumstances, namely:-

(i) Where trees have fallen or have dried due to natural calamities, disease or insect attack etc. and their retention any result in loss of value;

(ii) where the land holdings in a particular revenue estates are under consolidation operations, the year following the one in which these operations have been concluded shall be treated as prescribed year of felling;

(iii) where Government/private land has been acquired or leased or purchased or transferred for a public purpose such as creation of infrastructure facilities or laying of irrigation and water supply lines or transmission lines or any other conveying systems of setting up of industries, hydro-power projects, tourism resorts or educational institutions or any other facilities which are in the public interest; and

(iv) Where the Government of India's approval for diversion of the forest land for non-forest purposes has been received.

8. In all cases (other than these mentioned in paras 6&7 of this order where demarcation of land and marking of trees have not been done during the prescribed year in accordance with the approved ten year felling programme, permission to demarcate the land marking and felling of trees may be granted beyond prescribed year of felling by the;

(i) The Principal Chief Conservator of Forests upto one year and

(ii) State Government upto two years subject to their being satisfied that sufficient reasons exist for granting such permission.

9. Where the permission has been granted under para 8 of this order, the Divisional Forest Officer concerned after demarcation of land and marking of trees shall issue felling order accordingly;

10. Application for demarcation of the land from which felling is proposed to be done may be filed before the Divisional Forest Officer concerned one year in advance from the prescribed year of felling and the Divisional Forest Officer concerned may process the case for demarcation of land.

11. In no case advance felling of trees shall be permitted before the prescribed year as fixed in the approved ten years felling programme;

12. In order to complete the felling and extraction of trees from private areas within the prescribed year of felling and not to seek frequent extensions, extension fee shall be levied on the balance number of trees/volume to be felled in the following rates:

- | | | |
|----|----------------------|---|
| 1. | Scheduled species | Rs 100/-per cubic meters (stand volume) |
| 2. | Khair | Rs 30/- per meter Girth (M3) |
| 3. | Broad leaves species | Rs 10/- per cubic meter |

Schedule

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This supersedes this Department Orders No. 15-4/71-SF dated 13th March 1979, 27th August, 1980 and 25th February, 1981 published in the Rajpatra, Himachal Pradesh (extraordinary) dated 28th April 1979, 13th September, 1980 and 12th March, 1981 respectively and all subsequent amendments made thereto.

By order

Sd/-

Avay Shukla,

Principal Secretary (Forests) to the
Government of Himachal Pradesh

APPENDIX-XVII (q)

No. Ft. 783-35/67(M)

FORESGT DEPARTMENT HIMACHAL PRADESH

Dated the, 3rd January 2003

From :- Principal CCF HP

To: All CFs/DFOs(T) & (VVT)

Sub: Deviation permission for felling of trees under 10 year Felling Programme

Memo:

The Principal Secretary (Forests) to the Govt. of HP has conveyed that in the implementation of deviation policy in the past there has been a lack of clarity, of consistency and that of transparency. Accordingly, the Principal Secretary (Forests) to the GoHP vide his D.O. letter No. FFE-B-F(13)-136/2002 dated 3rd January, 2003 has conveyed the following grounds/reasons on which the deviation cases are to be recommended/considered:-

- (a) Deviation under 8(i) of the Order No. FFE-B-A(3)4/99 dated 10.09.2002 upto one year may be allowed only for the following "sufficient reasons" and subject to the condition noted in brackets against each:-
 - (i) A judicial dispute over the ownership or possession of the land to be supported by documentary evidence such as copy of the petition, orders of a court, certificate from a court etc.
 - (ii) Non-inclusion of the area in a felling programme (certificate of the DFO)
 - (iii) Non-availability of revenue staff for demarcation (certificate of the SDM)
 - (iv) Occurrence of a natural disaster in that area (certificate of the SDM)
 - (b) For reference to Govt, under the provisions of Clause 8(ii) of the Order, same reasons as indicated above will apply, if they continue in the second year.
2. The cases recommended for according deviation permission to the Government in the past were on the basis of reasons given above. In addition to these, cases were recommended on other grounds like non-settlement of rates, illness of SPA etc. as well, Now, in view of the new policy, deviation cases not covered under the above grounds/reasons are not to be recommended to this office.
 3. The cases received from your offices not covered under the above policy are being returned to you separately.
 4. All concerned may please be informed accordingly.

Sd/-
Principal Chief Conservator of Forests
Himachal Pradesh

APPENDIX-XVII (r)

(Authoritative English text of this Department Order No FFE-B-A(3)4/99 dated 10 September 2002 as required under clause (3) of article 348 of the Constitution of India)

Government of Himachal Pradesh Department of Forests

No. FFE-B-A(3)4/99 Dated Shimla-2 the 24th September, 2003

ORDER

Whereas order of even number dated 10.09.2002 of this department was issued under section 4 of the Himachal Pradesh Land Preservation Act, 1978 (Actg No. 28 of 1978) and published in the Rajpatra Himachal Pradesh (Extra Ordinary) dated 04.10.2002 after complying with the Provisions of sections 3 and 7 of the Act ibid:

And whereas State Government is satisfied after due inquiry under section 7 of the said Act that, it is necessary and expedient further to amend the said order;

Now,. Therefore in exercise of the power conferred by section 4 of the said Act, the Governor of H.P. is pleased to make following amendments in the said order, namely:

1. "6.A. If the trees are not felled within extended period of one year granted by the Principal Chief Conservator of Forest under para 6 of this order. The State Government may extend the period for one year if there are sufficient reasons for granting such extension.
2. In para 8 of the said order for sub-para (iii) of para 8 of the said order, the following shall be substituted; namely:-
 - (ii) The State Government upto two years subject to its being satisfied that there exists any of the following reasons for granting such permissions namely:
 - (a) If there is dispute over the title or ownership of possession of land on the production of a documentary evidence such as orders/certificate of the Court etc for.
 - (b) If the area is in the ten years felling programme but the same has not been shown therein the certificate from the Divisional Forest Officer concerned; or
 - (c) If the demarcation of land could not be made due to non-availability of staff on furnished a certificate from the Sub-Divisional Officer (Civil) or the Divisional Forest Officer concerned as the case may be to this effect; or

- (d) If the process of demarcation of land, marking and felling of trees has not been completed due to a natural calamity; or
- (e) If there is any other reason beyond the control of the land owner

Provided that the State Government may allow felling of the trees upto two years and six months after the prescribed year of felling in the snow bound areas.

3. After para 12 of the said order, the following paras shall be added, namely:-

(i)

The felling and conversion of Deodar, Kail, Fir and spruce shall be completed within a period of two years and that of chil and other scheduled species within a period of one year.

(ii)

The felling and conversion of trees of non scheduled species shall be completed, within three months from the date of issuance of felling order by the Divisional Forest Officer or at the end of Financial year whichever is later, as the case may be.

14. The DFO may allow demarcation of land marking and felling of trees on the land recorded as Shamlat Deh/Tika Hasab-Rasab-Malguzari in favour of the co-sharer on their furnishing of a certificate issued by the Sub-Divisional Officer (Civil) concerned to the effect they are in continuous possession of the land prior to 26.01.1950 and further that they have become absolute owners in proportion to the land revenue paid by them and the said land has never been vested in the Government under any enactment.

15. Working plans for the felling trees shall be prepared for private land falling within the ten year felling programme adjoining to the Government "Forests" which shall be verified at the spot by an officer not below the rank of Divisional Forest Officer.

By Order

JP Negi

Principal Secretary (Fts) to the

Government of Himachal Pradesh

Endst No FFE-B-A (3)4/99

Dated Shimla-2 the 24th September, 2003

APPENDIX-XVII (s)

No. Ft. 783-54/70(M) Order

H.P. Forest Department

Dated, Shimla-171001,the

From : Pr, CCF, HP Shimla

To: All CFs(T)& DFOs(T)

Subject: Guidelines for processing/sending working period extension cases and deviation cases under I.P.A.

Memo:-

It has generally been seen that cases of extension in working period as well as deviation permission for demarcation of land, marking and felling of trees under the Land Preservation Act, 1978 and instructions issued there-under are not being received uniformly and complete in all respect, which causes unnecessary delay in dealing processing of the cases and also causing undue harassment to the land owners. In order to cut short delays and to adopt uniformity following checklist may be followed while sending cases to this office:-

In deviation cases where order for demarcation of land, marking and felling of trees is sought after expiry of the prescribed year of felling:

Enclosing list (in duplicate in respect of cases where sanction of the GoHP is required) of name of land owners, Forest Range, Forest Block, Mauzas,tikkas, Khasra Nos and classification of land duly signed by the DFO and countersigned by the Conservator of Forests concerned, following certificates be recorded:-

- i) That LPA is applicable on the area from which trees are intended to be felled for sale.
- ii) As per 10 year felling programme of the _____Division, the area was open for felling during the year _____.
- iii) Revenue papers and affidavits of all the land owners including co-sharers have been obtained checked and found correct at the level of Conservator of Forests and have been returned to the DFO_____.
- iv) The area from which trees are intended to be sold does not form a compact wooded block above five ha, in itself or in contiguity with the adjacent private khasaras.
- v) That the landowner(s) intending to sell the trees from their private land has/have not made encroachment on Govt land.
- vi) Reasons for not processing the case in the prescribed year of felling (and also in the succeeding year(s), if applicable).
- vii) If classification of the land in question is Shamlat Deb it may be certified that the land in question from where trees are intended to be felled is recorded as Shamlat Deh-tika, Hasab Rasad-Malguzri and the concerned land is in their continuous possession prior to 26.01.1950 and they have become absolute owners in proportion to the land revenue paid by them and the said land has

never been vested in the Govt. under any enactment. A certificate in this regard issued by the SDM(C) has been obtained and is enclosed.

- viii) If the land in question is erstwhile Khudro Drakhtan Malkiyat Sarkar it may be certified that land from which trees are intended to be sold are standing in the erstwhile Khudro Drakhtan and as per provisions of Govt. order dated 11.03.1999, Khudro Drakhtan Malkiyat Sarkar entry has been deleted from the khana kafiya of the revenue record pertaining to the concerned land and as per provision of Govt. letter dated 16.12.1999 and 05.03.2001 permission can be accorded in favour of the landowners to sell the trees. The land in question is also not covered/managed under the working plans and is also not classified as DPF/UPF/RF
- ix) Certified that case is not in violation of interim orders 12.12.1996 in '202' cases of the Hon'ble Supreme Court of India (T.N. Godaverman Thirumalpad Vs Union of India and others). In case of change of classification of land, such case should 1st be examined under FC A or direction of Apex Court in CWP No. 202/95.
- x) Whether the case for deviation for demarcation of land and marking of trees/working extension is covered under the guidelines dated 10.09.2002 read with amended guidelines dated 24.09.2003.
- xi) Certified that land on which trees are standing was neither forest nor is forest at present.

IN CASE OF EXTENSION IN WORKING PERIOD

In cases of extension in working period in addition to the certificates listed above for deviation sanction cases, following certificates should also be recorded:-

- i) That the balance trees for which working extension has been recommended by the DFO are actually standing on private areas with original marking numbers in fact as per the marking list prepared.
- ii) That the demarcation of land and marking of trees has been carried out by the competent revenue/forest authority and they have furnished requisite certificates of the correctness of the marking/demarcation on the original marking list/abstract as per instructions on the subject.
- iii) That the trees for which working period/extension has been recommended by the DFO are marked in the areas purely in the private ownership and are free from all encumbrances of what so ever nature may be. Provisions of the HP Village Common Land (Vesting and Utilization) Act, 1974 and ceiling of Land Holdings Act, 1972 do not apply to the land/khasras on which the trees are standing.
- iv) That the case has been processed during the prescribed year of felling and no back date entries have been made.
- v) That the marking of trees has been done strictly as per instructions on the subject.
- vi) That the working of the scheduled species will be got done through H.P. State Forest Corporation and that (except in case of Khair) not more than 1/3rd of the total number of trees and more than 40% Volume from each species has been marked for felling. In case of Khair, trees below 20 Cms dbh have not been marked for felling.

Sequence of events of the processing of the case for felling of trees is as under :-

1. Date of receipt of the case by the Deptt.
2. Date of Issuance of Demarcation/marketing orders.
3. Date of completion of demarcation of land and marking of trees..
4. Date of receipt of the case from the RO in Divisional office.
5. Date of issuance of the felling orders.
6. Whether felling done into, partly or not as per felling orders during the prescribed year of felling.
7. Whether the extension is covered by the checking of the ACF and requisite certificate of 5% random checking attached.
8. Enclosing copies of the felling order, abstract of enumeration/marketing of trees may also be provided with the marking lists duly signed by revenue officer & field staff of department along with certificates thereon in the form of a statement as under :-
- 8.1 In case where process of demarcation of land and marking of trees stand completed by felling order has not been issued by the DFO within the prescribed year of felling :-

Particulars	Species	Class-wise No, of trees	Volume(cum) (MG in case of Khair)
Total trees enumerated			
Trees to be retained			
Trees marked for felling			

The above abstract should also be signed by the Revenue and Forest authorities viz Naib Tehsildar, Field Kanungo, Patwari, Range Officer, Block Officer, Forest Guard.

- 8.2 In case, where felling of trees has been done partly, the information be provided as under :-

Particulars	Details of felling-orders(s)	Species	Class-wise no. of trees	Volume(cum) (MG in case of Khair)
Trees allowed for felling				
Trees felled				
Balance trees				

CERTIFICATES TO BE RECORDED ON THE MARKING LISTS

1. The trees have been marked after following the prescribed procedure for demarcation/marketing after proper scrutiny of the connected revenue papers, application (s) and affidavit(s) of the land owners(s) etc.
2. The case has been processed by taking a joint khata of a single ownership irrespective of the No. of co-sharers in the joint khata.
3. The area from which these trees have been marked for sale are due for felling during the prescribed year of felling i.e. _____ as per approved 10 years felling programme of the Forest Division concerned.

4. The trees marked are actually standing in private owned malkiyati areas/land of the applicants-landowners for which demarcation has been given by the field Kanungo/Naib Tehsildar on the site. No trees have been marked from land ceiling areas vested with the government under the provision of HP Village Common Land (Vesting and Utilization) Act, 1974.
5. No trees has been marked within one chain adjacent to the Govt. land.
6. The land owners in question have not sold any trees from the land in question during the prescribed year of felling for which section is sought nor they will be allowed to do so. Further no fallings have taken place in the khasra Nos in which marking has been done now during the last 10 years period.
7. That the area from which trees are intended to be sold by the land owners has been demarcated by the Revenue officer (not below the rank of Naib-Tehsildar) in the presence of Range Officer of the area concerned and nominee of the Agent.
8. The demarcation has been given by the Kanungo and Naib-Tehsildar is not posted in the area, a certificate regarding non-posting of Naib-Tehsildar of the area is enclosed.
9. The demarcation of land has been carried out by the competent authority of the revenue department in the presence of representatives of the Forest department and the land owners/SPA who have signed the marking lists in token of having satisfied with the correctness of demarcation & marking.
10. No trees have been marked from Govt. land.
11. No demarcation has been carried out on Govt. land which is under unlawful of the applicant owner(s).
12. The list of the trees found in private land at the time of demarcation has been prepared carefully and the species given are correct and tally with the field.
13. No trees standing in the areas granted under Nautor has been marked for which the price of trees has not been paid kby the applicant owners. Land ceiling certificate duly signed by the Collector has been obtained and no trees has been marked in the areas liable to vested in the Govt, under the ibid Act.
14. Markings have been done in one khata involving obnly one contractor.
15. The land in question is not mortgaged to the agency. In case the land is mortgaged it has been verified from the mortgage deed that the applicant-land owners have absolute title /right to self the trees standing thereon.
16. The power of Attorney/affidavits signed by the applicant-land owners have been attested by the Notary/Oath Commissioner, which is the competent authority for the purpose.
17. The trees are standing purely on malkiyat/land and 10% random checking of the trees has been done by the ACF/DFO. Certificate issued by ACF should be attached that he has done random checking of the 5% trees marked for felling in village_____, Mauzas_____Range_____ retaining to the case of Shri_____SPA/landowner pertaining to the prescribed year _____ and found the marking to be correct and that all trees are standing on the malkiyat land with latitict marks intact and visible.
18. That (except in case of Khair) not more that $1/3^{\text{rd}}$ of the total number of trees and more that 40% Volume from each species has been marked for felling. In case of khair, trees below 20Cms dbh have not kbeen marked for felling.

The cases received without the above information will not be entertained in this office land this office will not be responsible for any delay and entire responsibility will be yours

Principal Chief Conservator of Forests
Himachal Pradesh

APPENDIX-XVII (t)

Authoritative English Text of this Department Notification No. FFE-B-A(3) 2/98 dated 24th May, 2002, as required under Article 348(3) of the constitution of India.)

**GOVERNMENT OF HIMACHAL PRADESH, DEPARTMENT OF FORESTS
NO. FFE-B-B(3) 2/98 DATED: SHIMLA THE “24TH MAY, 2002.**

Notification**(Power to file complaints)**

In exercise of the powers conferred under section 55(i) of the Wild Life (Protection) Act, 1972, the Governor, Himachal Pradesh, is pleased to authorize Deputy Conservators of Forests, Assistant Conservators of Forest and Range Officers of Forest Department to file complaints in respect of offence punishable under section 51 of Wild Life (Protection) Act, 1972 read with Section 34 of Indian Penal Code.

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