No./RK-FCA/Barjaidhar to Thua/..7099.....
H.P. Forest Department,

Dated Luhri, the /..13-03-2023

From: - DFO, Anni

To: -CCF Rampur

Subject:- **Diversion of 5.27 hac. of Forest land in favour of HPPWD for the C/o road from Barjaidhar Thua via Parkot Km. 0/00 to 8/900 within the jurisdiction of Ani Forest Division. Distt. Kullu H.P.**

Memo,

Kindly refer to IRO letter No. 1/12004/2022 dated 12.12.2022 on the subject cited above.

The point wise reply of the information as desired by IRO Shimla is as under:-

1. Necessary clarification regarding the name mentioned in the authorization letter is attached as annexure-
2. The copy of administrative approval is attached as annexure-
3. The Cost benefit analysis of the project as per standered guideline issued by MoEF & CC vide letter No. 7-69/2011-FC(Pt) dated 01.08.2017 has now revised and attached the same as annexure.
4. (a) & (b) A fresh site inspection Report of the instant proposal is attached as annexure-

4 (c) & (d) in this connection it is submitted that there is no violation on spot. The Undersigned was personally visited the spot on dated 04.02.2023 and found that the people of village Parkot have widening the footpath from village Parkot to Shamshanghat which was budged by the Rural Development Department. Since, the path from Village Parkot to Shamshanghat is so narrow and local peoples are facing difficulty during the carriage of dead body. Therefore, no action has been taken against the violator.

(e) As per spot inspection, there is no work is continuing or halted.

(f) Since, the violation of FCA, 1980 has not found on spot hence, the question of Panel NPV does not arise.

5. The necessary Clarification/certificate is attached as annexure……

6. The necessary Clarification/certificate is attached as annexure……

7. A fresh KML of the instant proposal in the polygon of the diversion area along the forest land and non forest land has now uploaded by the User Agency on the appropriate column.

8. In this connection it is submitted that the Forest settlement of Distt. Kullu has been carried out on 1911-12 and therefore, no Khasra No. has mention in Forest land. Hence, Forest land is indicated as Tukra No.

9. The NPV bill has now calculated as per revised NPV rate by MoEF & CC dated 06.01.2022 (Copy attached)

10. The User agency has now include a legend and the proper dimensions of each component, such as carriageway, Paved Shoulder, Earth filling, draining and Protection Work, as well as an area wise calculation.

11. The enumeration list, including the compartment No. and alogwith the date of tree enumerated duly authenticated by the undersigned is attached as annexure……

12. Muck Management Plan and Reclamation plan of the dumping site duly authenticated by the undersigned has now uploaded by the User Agency in the additional information detail of online Part-I.

13. The record of all consultation & meeting with Gram Sabha (s) & FRC(s) of all concerned villages has now uploaded by the User Agency in the additional information detail of online Part-I.

14. The necessary certificate/clarification has now uploaded by the User Agency in the additional information detail of online Part-I.

15. The NoC/sale deed/Gift etc. for non forest land acquired from private individuals has now uploaded by the User Agency in the additional information detail of online Part-I.

16. The Soil Moisture and Conservation plan has now uploaded in additional information detail of Part II.

17. The exact aerial distance of DA from the boundary of GHNPCA has now uploaded in additional information detail of Part II.

18 Pertains to CCF(T) Rampur.

19. Revise KML file of CA area has now uploaded on designated place of Part-II.

20. As per record, the total geographical area of Distt. Kullu is 5503 Sq KM and accordingly the area has been mentioned in District profile in part-II, para-1.

Encl:- AA

13.5.23

Divisional Forest Officer,
Ani Forest Division at Luhri

HIMACHAL PRADESH
FOREST DEPARTMENT

SOIL AND MOISTURE CONSERVATION PLAN

In LIEU OF DIVERSION OF 5.27 HAC OF FOREST LAND IN FAVOUR OF HPPWD FOR THE CONSTRUCTION OF ROAD FROM BARJAIDHAR TO THUA VIA PARKOT KM 0/00 TO 8/900 WITHIN THE JURISDICTION OF ANI FOREST DIVISION DISTT. KULLU HP

SUBMITTED BY :-
ANI FOREST DIVISION AT LUHRI

INTRODUCTIOIN TO DIVISION/ RANGEWISE LOCATION SPECIFIC SMC PLAN:

It is important that a SOIL AND MOISTURE CONSERVATION PLAN should provide site specific prescription for the activities to beundertaken under each heading of the SMC Plan components.

Objective of Study.

The broad objectives for preparation of Soil Moisture and Conservation are outlined as under:

i) Checking soil erosion and land degradation by taking up adequate and effective soil conservation measures, both engineering as well as biological, in erosion prone areas (mainly under very severe and severe erosion intensity categories)

ii) Rehabilitation of degraded forest areas through afforestation and facilitation natural regeneration.

iii) Rehabilitation of degraded slopes and landslide areas.

Analysis of problem:-

Soil Erosion:

- Lack of vegetal cover is a contributing factor for accelerated soil erosion in the tract as also for environmental degradation. While ideally, dense tree cover or forests would have been the best insurance against soil loss and environmental degradation, the condition in the trat are otherwise, Large areas are either blank or bear thin tree crop. The lower reaches of the tract along the river are generally barren and devoid of any tree growth. The good forests are confined to upper reaches. Thus these natural conditions are a limiting factor in addressing the problem of soil erosion and environmental degradation. , the condition in the tract are otherwise. Large areas are either blank or bear thin tree crop. The lower reaches of the tract along the river are generally barren an devoid of any tree growth. The good forests are defined to upper reaches. Thus these natural conditions are al limiting factor in addressing the problem of soil erosion and environmental degradation. Nevertheless remedial measures can be undertaken t minimize their impact to some extent.

Treatment measures:-

SOIL AND MOISTURE CONSERVATION PLAN is the optimal use of Soil and water resources within a give geographical area so as to enable sustainable production. implies changes in land use, vegetative cover, and other structural and non structural action that are taken in SMC. The overall objectives of SOIL AND MOISTURE CONSERVATION PLAN are to;

- Increase infiltration into soil
- Control excessive runoff
- Manage & utilize runoff for useful purpose

Shrub Plantation:-

Grazing land Development:-

Grazing land development will be undertaken for treatment under silvo-pastoral model. Areas will be closed and staggered trenching of size 30x30 cm will be dug over the area to be treated. About 400 running meters of trenches ill be dug per hectare. Improved variety of grass will be sown on the berm of the tranches. In the space between the reches, fodder tree species shall be raised. Suggested species for grazing land development are andrpogon squarrosus (Khas-Khas), apluda mutica, arthraxon prionodes, Brachiaria mutica, Cenchrus ciliaris, Cenchrus ciliaris chloris gayana (Rhodes grass), Cyondon dactylon Desmostachya bipinnata, Digitaria decumbens (Pagnola grass) etc.

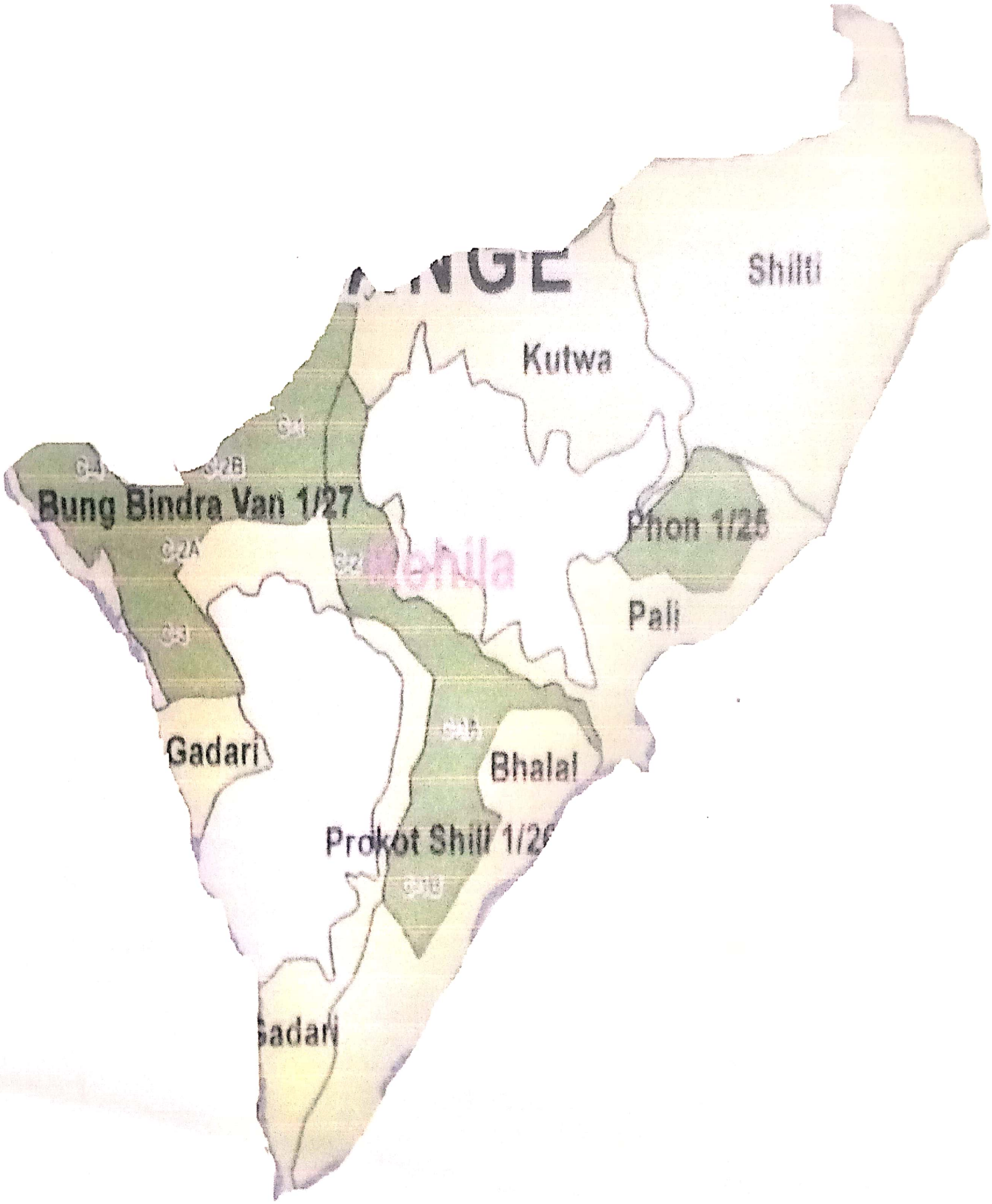
Engineering measures:-

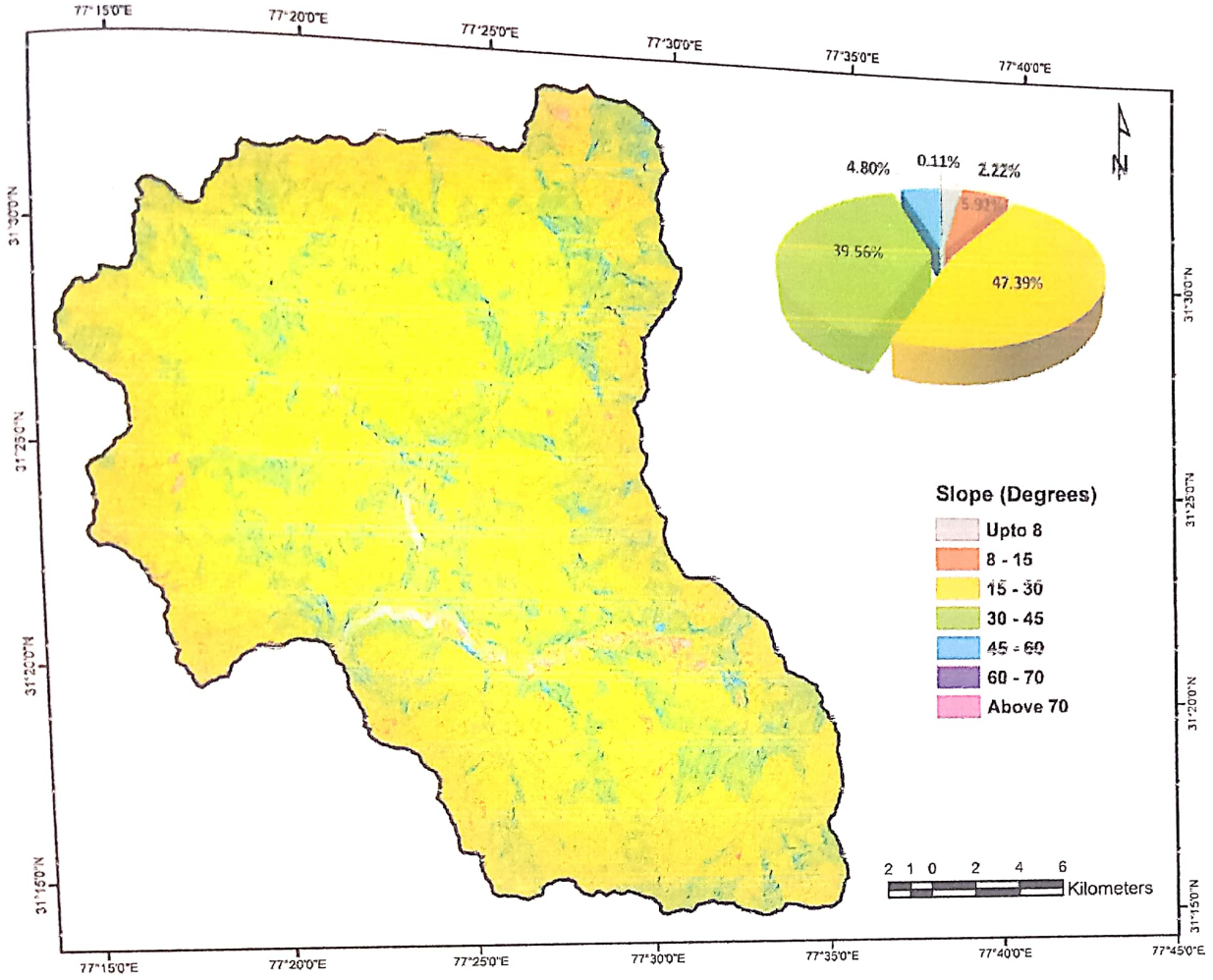
i) Moisture Retention measures

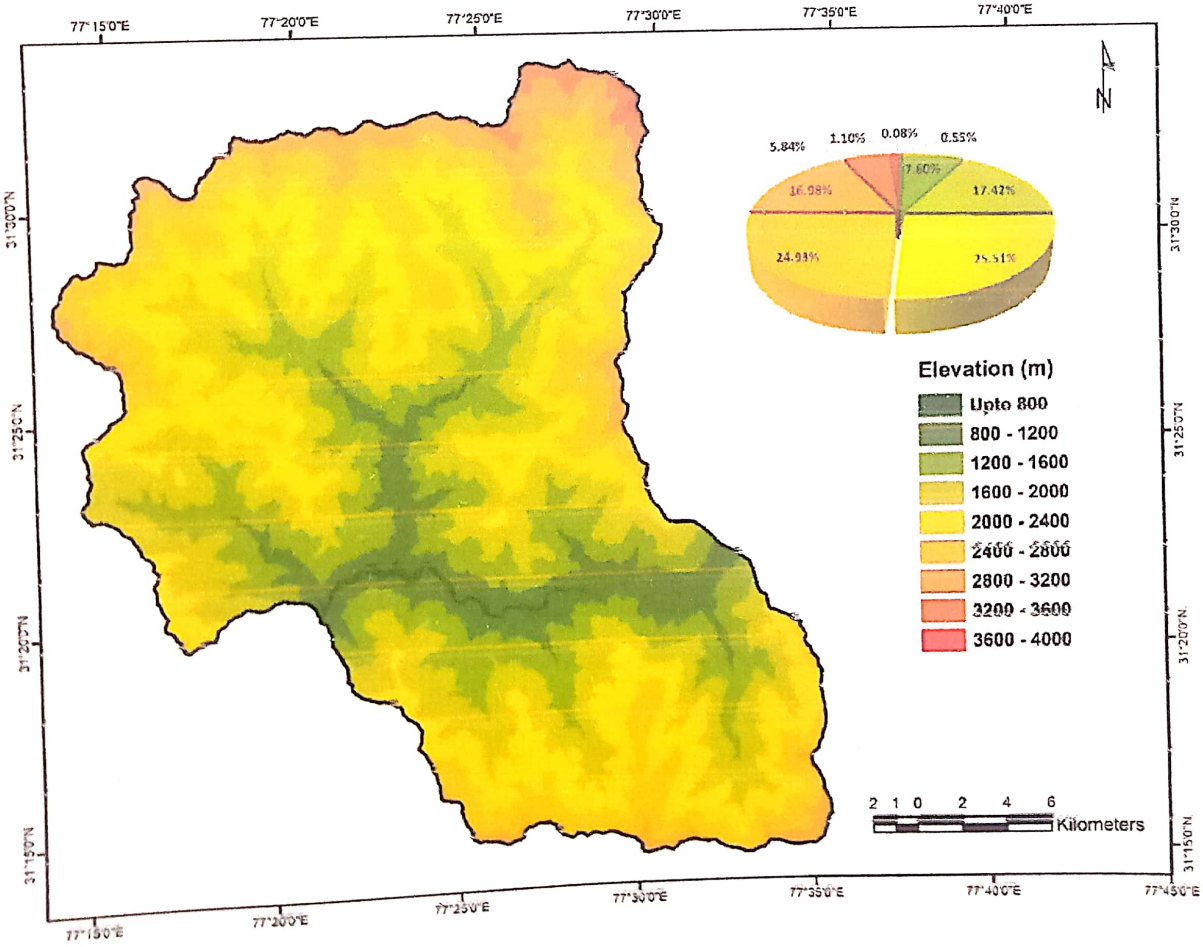
ii) Drainage Line Treatment

iii) Stabilization of landslide/landslips

SLOPE, ELEVATION, LANDUISE, LANDCOVER AND ASPECTS OF DALASH BEAT IN NITHER RANGE.







Slope

The slope has a great influence on the soil and water loss from the area and thereby influences the landuse capability. The slope determines the erosion susceptibility of the soil depending on its nature. This helps in classifying various lands in suitable capability classes which enables us to formulate suitable conservation measures for the prevention of soil erosion. The degree slope was divided into different slope classes as per Soil and Land Use Survey of India (SLUSI). The areas falling under various standard slope categories in the catchment area have been tabulated below in Table. The slope map is enclosed as Figure. As seen from the table and map, maximum of the catchment area falls under 15° to 30° slope range. The other dominant slope range is 30° to 45°.

Slope (Degrees)	Area (sq km)	(%)
Upto 8	15.73	2.22
8 – 15	41.97	5.92
15 – 30	335.74	47.39
30 – 45	280.27	39.56
45 – 60	34.04	4.80
Above 60	0.78	0.11
	708.54	**100.00**

Landuse/ Landcover

For the preparation of land use/ land cover classification of the catchment area, forest cover data forthe year 2017 has been procured from Forest Survey of India (FSI). FSI has classified the area into five classes viz., very dense forest, moderately dense forest, open forest, scrub land and non forest. The forest cover is broadly classified in 3 classes, namely very dense forest, moderately dense forest and open forest. The other classes include scrub and non-forest. These classes are defined as below:

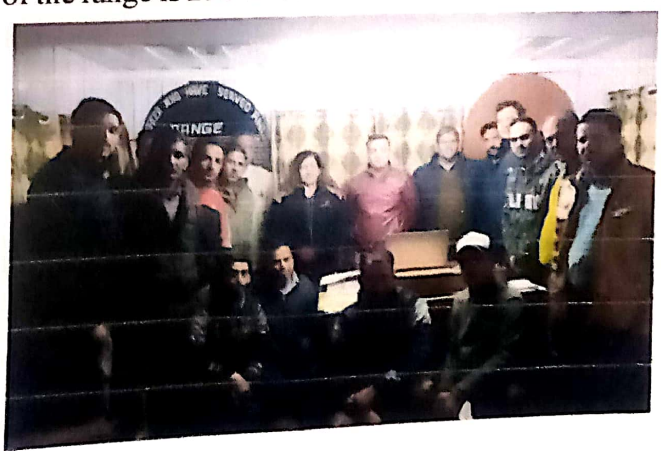
- Very Dense Forest: All Lands with tree cover of canopy density of 70% and above
- Moderately Dense Forest: All lands with tree cover of canopy density between 40% and 70% above
- Open Forest: All lands with tree cover of canopy density between 10% and 40%
- Scurb: All forest lands with poor tree growth mainly of small or stunted trees having canopy density less than 10%
- Non Forest: Any area not included in the above classes

all the classes except non forest classified by FSI were used as it is and the non forest area was further classified into grazing land, agricultural land, settlement, barren land and waterbody. These classes are defined as below:

- Agriculture Land: These are the lands primarily used for farming and for production of food, fiber, and other commercial and horticultural crops.
- Settlement: It is an area of human habitation developed due to non-agricultural use and thathas a cover of buildings, transport and communication, utilities in association with water, vegetation and vacant lands. It consists of urban as well as rural areas.
- Grazing: These are the areas of natural grass along with other vegetation, predominantly grass-like plants and non-grass-like herbs (except Lantana species which are to be classified as scrub). It includes natural/semi-natural grass/ grazing lands of Alpine/Sub-Alpine and manmade grasslands.
- Barren Land: These are rock exposures of varying lithology often barren and devoid of soil and vegetation cover.
- Waterbody (River): Rivers/streams are natural course of water flowing on the land surface along a definite channel/slope.

CHOWAI RANGE:

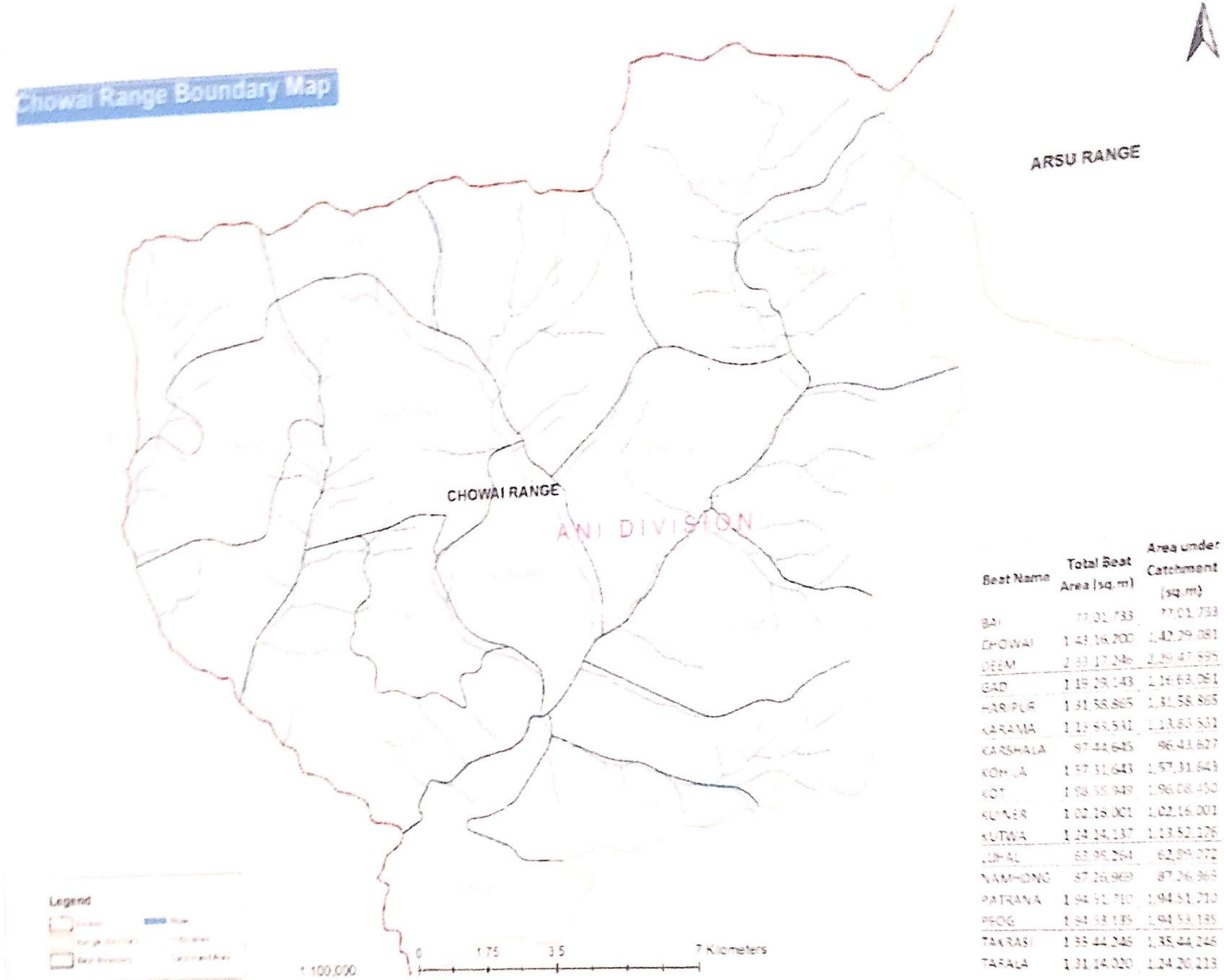
Chowai Range falls in Anni Division of Rampur Forest Circle. This Range comprises of 17 Beats. The total area of the range is 23045.44 Hectares. The Beatwise map of Chowai Range is depicted below:



Name of Beats under Chowai Range are Haripur , Namhong, Gad, Chowai, Tarala, Kot, Luhal, Patrana, Kohila, Karama, Bai, Peog, Kuiner, Takrasi, Karshala, Deem and Kutwa.

F 10.2 RANGE BOUN

Chowai Range Boundary Map



Beat Name	Total Beat Area (sq.m)	Area under Catchment (sq.m)
BAI	77,02,733	77,02,733
CHOWAI	1,44,16,200	1,42,29,081
DEEM	2,33,17,246	2,29,47,595
GAD	1,25,28,143	1,24,63,091
HARIPUR	1,31,58,865	1,31,58,865
KARAMA	1,23,63,532	1,23,63,532
KARSHALA	97,44,645	96,43,627
KOHLA	1,57,31,643	1,57,31,643
KOT	1,98,55,949	1,96,08,450
KUNER	1,02,16,001	1,02,16,001
KUTWA	1,24,35,137	1,23,52,226
LOHAL	63,95,264	62,89,372
NAMHONG	87,26,969	87,26,969
PATRANA	1,94,51,710	1,94,51,710
PROG	1,94,53,185	1,94,53,185
TAKRASI	1,35,44,246	1,35,44,246
TARALA	1,31,14,020	1,24,20,213

Summary Projection for Kohila Beat, Khanag Block of Chowai Forest Range

Sr. No.	Name of Component and Sub-Activity	Chowai Range	
		Phy.	Fin
	Soil and Moisture Conservation Works		
1	DRSM CheckDams	20	200000
2	Planting Of Shrubs	L/s	100000
3	Trenching	L/s	25000
	Total SMC Works i.e. 0.5% of the Project Cost		**325000**

Divisional Forest Officer
Ani Forest Division at Luhri

Divisional Forest officer
Ani Forest Division at Luhri

Table:- Physical and Financial Target

SMC MEASURES IN RESPECT OF Kohila BEAT OF ANI FOREST DIVISION In lieu of Construction of road from Barjaidhar to Thua via Parkot

Name of Work	Beat	MWs No.	Activity	Area	Unit	Unit Cost (Rs.)	Phy	Fin. (Rs.)	No. and size ofstructures
SMC WORKS IN FOREST AREAS	Kohila	Sk1a	Crate wire Check Dam	Parkot Nalla	Rmt/Nos	10000	10	100000	
	Kohila	Sk1a	Crate wire Check Dam	Kohila Nalla	Rmt/Nos	10000	10	100000	
	Kohila	Sk1c	Trenching		Rmt/Nos	5000	5	25000	
	Kohila	Sk1c	Shrubs	Below the road of Barjaidhar to Thua after completion	Rmt/Nos	100000	L/s	100000	
				Total				**325000**	

Divisional Forest Officer
Ani Forest Division at Luhri

Divisional Forest officer
Ani Forest Division at Luhri

COST OF NET PRESENT VALUE (NPV) IN RESPECT OF DIVERSION OF 5.27 HECTARES OF FOREST LAND FOR THE CONSTRUCTION OF ROAD FROM BARJAIDHAR TO THUA VIA PARKOT WITHIN THE JURISDICITION OF FOREST DIVISION ANI AT LUHRI, DISTRICT

Calculation of Net Present Value (NPV) as per Hon'ble Supreme Court of India order dated 28.03.2008 in CWP 202 of 1995 and as per recommendation of State Advisory Group meeting dated 24.01.2012.

Nature of Forests	Area being Diverted	Classification as per Champion and Seth	Eco Value Class
UPF	**5.27**	Himalayan Moist Temperate Forest	**VI**

Detail of Trees coming in the proposed forest land

Class	Sapling	V	IV	III	IIA	IIB	IA	IB	IC	ID	TOTAL
No. of Trees	56	55	34	8	1	1	1	0	0	0	**156**

Total Trees below upto IIIrd class = 56+55+34+8 **=153/2 =76.7**	**77**
Total trees of IIIrd and above class.	**3**
Total mature trees (nationally) after conversion of 2 trees of below IIIrd class into one mature class.	**80**
Density of trees will be = 80**/5.27 = 15.18**03	**15.1803**
15.1803 Mature Trees in a Forest Canopy Density will be **=15.1803/400=0.037**	**0.037**
0.037% Canopy Density fall in the category of less than 10% open forest.	**Open Forest**

Calculation of NPV:-

Name of Forest	Area to be diverted	Eco Value Class	Density Class	Normal rate of NPV / ha.	Amount
UPF PALI C-175 & 1/26 PARKOTSHILL	5.27	V	Open Forest	1005210.00	5297456.70
		OR SAY			5297456.70

(Rupees Fivty two lakh ninty seven thousand four hundred and fifty six Only)

Dr Chaman Lal, HPFS
Divisional Forest Officer,
Forest Division Ani at Luhri,
District Kullu, HP.

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Dr. Chaman Lal, HPFS
Divisional Forest Officer,
Forest Division Ani at Luhri,
District Kullu, HP.

umeration list of trees in proposed alignment of Road Bajwdhar to Thua by Parkot" in respect of U[illegible] Forest in Kohila Beat Khanag Block Chowai Forest Range Detail as under:— UPF Pali- C-176

S.N	RD.No.	Species	Dia	Class	Remarks	S.N	RD.No.	Species	Dia	Class	Remarks
1	240-255	Deo	Sapling		G.S.	43	516-525	Deo	11-12	V	G.S.
2	-do-	Deo	-do-		G.S.	44	-do-	Deo	27-28	IV	G.S.
3	-do-	Deo	-do-		G.S.	45	-do-	Deo	24-25	IV	G.S.
4	-do-	Deo	-do-		G.S.	46	-do-	Deo	26-27	IV	G.S.
5	-do-	Deo	-do-		G.S.	47	525-546	Deo	32-33	III	G.S.
6	-do-	Deo	-do-		G.S.	48	546-555	Deo	32-33	III	G.S.
7	255-270	Deo	16-17	V	G.S.	49	555-576	Deo	14-15	V	G.S.
8	-do-	Deo	16-17	V	G.S.	50	-do-	Deo	29-30	IV	G.S.
9	-do-	Deo	15-16	V	G.S.	51	-do-	Deo	21-22	IV	G.S.
10	285-300	Deo	27-28	IV	G.S.	52	-do-	Deo	21-22	IV	G.S.
11	-do-	Deo	23-24	IV	G.S.	53	570-585	Deo	17-18	V	G.S.
12	-do-	Deo	22-23	IV	G.S.	54	-do-	Deo	32-33	III	G.S.
13	300-315	Deo	22-23	IV	G.S.	55	-do-	Deo	Sapling		G.S.
14	-do-	Deo	14-15	V	G.S.	56	585-600	Deo	15-16	V	G.S.
15	315-330	Deo	22-23	IV	G.S.	57	-do-	Deo	27-28	IV	G.S.
16	-do-	Deo	37-38	III	G.S.	58	675-690	Deo	21-22	IV	G.S.
17	-do-	Deo	19-20	V	G.S.	59	735-750	Deo	30-31	III	G.S.
18	-do-	Deo	35-36	III	G.S.	60	750-765	Deo	Sapling		G.S.
19	330-345	Deo	21-22	IV	G.S.	61	-do-	Deo	32-33	III	G.S.
20	330-345	Deo	23-24	IV	G.S.	62	750-765	Deo	17-18	V	G.S.
21	345-360	Deo	Sapling		G.S.	63	765-780	Deo	35-36	III	G.S.
22	-do-	Deo	-do-		G.S.	64	-do-	Deo	Sapling		G.S.
23	-do-	Deo	23-24	IV	G.S.	65	-do-	Deo	-do-		G.S.
24	-do-	Deo	Sapling		G.S.	66	-do-	Deo	-do-		G.S.
25	-do-	Deo	-do-		G.S.	67	780-795	Deo	19-20	V	G.S.
26	360-375	Deo	-do-		G.S.	68	-do-	Deo	25-26	IV	G.S.
27	-do-	Deo	13-14	V	G.S.	69	-do-	Deo	14-15	V	G.S.
28	-do-	Deo	18-19	V	G.S.	70	870-885	Deo	26-27	IV	G.S.
29	-do-	Deo	15-16	V	G.S.	71	-do-	Deo	21-22	IV	G.S.
30	375-396	Deo	14-15	V	G.S.	72	885-900	Deo	Sapling		G.S.
31	-do-	Deo	17-18	V	G.S.	73	900-915	Deo	27-28	IV	G.S.
32	-do-	Deo	Sapling		G.S.	74	915-930	Deo	24-25	IV	G.S.
33	-do-	Deo	17-18	V	G.S.	75	-do-	Deo	25-26	IV	G.S.
34	405-420	Deo	19-20	V	G.S.	76	930-945	Deo	17-18	V	G.S.
35	450-465	Deo	23-24	IV	G.S.	77	945-960	Deo	17-18	V	G.S.
36	-do-	Deo	Sapling		G.S.	78	960-975	Deo	13-14	V	G.S.
37	480-495	Deo	-do-		G.S.	79	975-990	Deo	15-16	V	G.S.
38	-do-	Deo	24-25	IV	G.S.	80	1/60-1/75	Deo	28-29	IV	G.S.
39	495-510	Deo	Sapling		G.S.	81	1/80-1/95	Deo	22-23	IV	G.S.
40	-do-	Deo	-do-		G.S.	82	1/120-1/135	Deo	24-25	IV	G.S.
41	510-525	Deo	10-11	V	G.S.	83	1/150-1/165	Deo	25-26	IV	G.S.
42	-do-	Deo	10-11	V	G.S.	84	-do-	Deo	10-15	V	G.S.

GENERAL ABSTRACT

Sr.N	Spp	Class	Sap.	V	IV	III	IIA	IIB	IA	IB	IC	TOTAL
1.	Deo		22	26	28	8	—	—	—	—	—	84

Attested

ASSISTANT ENGINEER
ANNI SUB-DIVISION
A.P. P.W.D. ANNI

Ramakumari [illegible] Kohila [illegible] [illegible] Khanag CH Range [illegible] Chowai Forest Range

S.No	RD No.	Species	Dia	Class	Remarks	S.No	RD.No.	Species	Dia	Class	Remarks
82	156 - 165	Deo	Sapling		G.S	125		Deo			G.S
83	- do -	Deo	Sapling		G.S	126		Deo			G.S
84	- do -	Deo	21-22	IV	G.S.	127		Deo			G.S
86	- do -	Deo	19-20	V	G.S.	128		Deo			G.S
87	165 - 180	Deo	23-24	IV	G.S.	129		Deo			G.S
88	180 - 195	Deo	17-18	V	G.S.	130		Deo			G.S
89	195 - 210	Deo	17-18	V	G.S.	131		Deo			G.S
90	- do -	Deo	21-22	IV	G.S.	132		Deo			G.S
91	- do -	Deo	15-16	V	G.S.	133		Deo			G.S.
92	- do -	Deo	14-15	V	G.S.	134		Deo			G.S.
93	- do -	Deo	15-16	V	G.S.	135		Deo			G.S.
94	210 - 225	Deo	23-24	IV	G.S.	136		Deo			G.S.
95	- do -	Deo	14-15	V	G.S.	137		Deo			G.S.
96	- do -	Deo	14-15	V	G.S.	138		Deo			G.S.
97	- do -	Deo	15-16	V	G.S.	139		Deo			G.S.
98	225 - 240	Deo	15-16	V	G.S.	140		Deo			G.S.
99	- do -	Deo	14-15	V	G.S.	141		Deo			G.S.
100	240 - 255	Deo	20-21	IV	G.S.	142		Deo			G.S.
101	- do -	Deo	14-15	V	G.S.	143		Deo			G.S
102	- do -	Deo	14-15	V	G.S.	144		Deo			G.S.
103	- do -	Deo	13-14	V	G.S.	145		Deo			G.S.
104	- do -	Deo	16-17	V	G.S.	146		Deo			G.S.
105	- do -	Deo	19-20	V	G.S.	147		Deo			G.S.
106	255 - 300	Deo	15-16	V	G.S.	148		Deo			G.S
107	- do -	Deo	19-20	V	G.S.	149		Deo			G.S.
108	- do -	Deo	18-19	V	G.S.	150		Deo			G.S.
109	- do -	Deo	16-17	V	G.S.	151		Deo			G.S.
110	- do -	Deo	14-15	V	G.S.	152		Deo			G.S.
111	315 - 330	Deo	24-25	IV	G.S.	153		Deo			G.S.
112	- do -	Deo	17-18	V	G.S.	154		Deo			G.S.
113	- do -	Deo	Sapling		G.S.	155		Deo			G.S.
114	- do -	Deo	- do -		G.S.	156		Deo			G.S.
115	- do -	Deo	- do -		G.S.	157		Deo			G.S.
116	- do -	Deo	- do -		G.S.	158		Deo			G.S.
117	- do -	Deo	- do -		G.S.	159		Deo			G.S.
118		Deo			G.S	160		Deo			G.S.
119		Deo			G.S.	161		Deo			G.S.
120		Deo			G.S.	162		Deo			G.S.
121		Deo			G.S	163		Deo			G.S.
122		Deo			G.S.	164		Deo			G.S.
123		Deo			G.S.	165		Deo			G.S.
124		Deo			G.S	166		Deo			G.S.

GENERAL ABSTRACT

Sr No	Spp	Class	Sap.	V	IV	IIB	IIA	IIB	IA	IB	IC	TOTAL
1	Deo	-	1	22	6	—	—	—	—	—	—	29

Attested

Dr Chaman Lal, HPFS
Divisional Forest officer

ASSISTANT ENGINEER
ANNI SUB-DIVISION
H.P.P.W.D.

Enumeration list of Trees in Proposed alignment of road "Rajasthan Thua via Parkal" in respect of 1/26 Parkal Hill forest in Kohila Beat Khanag Block Chowai Forest Range. Detail as under :-

1/26 Parkal Hill.

S.No	RD.No	Species	Dia	Class	Remarks
	15-36	Deo	17-18	V	G.S.
	2x-45	Deo	15 16	V	G.S
	45 60	Deo	13 14	V	G.S
	60-75	Deo	17 18	V	G.S
	-do-	Deo	19-20	V	G.S.
6	225-240	Deo	59-60	IIB	G.S.
	285 300	Deo	13 14	IA	G.S.
8	465-480	Deo	49-50	IIA	G.S.
	756-765	Deo	11-12	V	G.S
	-do-	Deo	14-15	V	G.S.
11		Deo			G.S.
2		Deo			G.S.
3		Deo			G.S.
4		Deo			G.S.
5		Deo			G.S
6		Deo			G.S
7		Deo			G.S.
8		Deo			G.S.
9		Deo			G.S.
20		Deo			G.S.
21		Deo			G.S.
22		Deo			G.S.
23		Deo			G.S.
24		Deo			G.S.
25		Deo			G.S.
26		Deo			G.S.
27		Deo			G.S.
28		Deo			G.S
29		Deo			G.S
30		Deo			G.S.
31		Deo			G.S
32		Deo			G.S
33		Deo			G.S
34		Deo			G.S.
35		Deo			G.S
36		Deo			G.S
37		Deo			G.S
38		Deo			G.S
39		Deo			G.S
40		Deo			G.S
41		Deo			G.S
42		Deo			G.S

S.No	RD.No.	Species	Dia	Class	Remarks
43		Deo			G.S
44		Deo			G.S
45		Deo			G.S
46		Deo			G.S
47		Deo			G.S
48		Deo			G.S
49		Deo			G.S
50		Deo			G.S
51		Deo			G.S
52		Deo			G.S.
53		Deo			G.S.
54		Deo			G.S
55		Deo			G.S.
56		Deo			G.S
57		Deo			G.S.
58		Deo			G.S.
59		Deo			G.S.
60		Deo			G.S
61		Deo			G.S.
62		Deo			G.S
63		Deo			G.S.
64		Deo			G.S.
65		Deo			G.S.
66		Deo			G.S.
67		Deo			G.S.
68		Deo			G.S.
69		Deo			G.S.
70		Deo			G.S
71		Deo			G.S
72		Deo			G.S
73		Deo			G.S
74		Deo			G.S
75		Deo			G.S
76		Deo			G.S
77		Deo			G.S
78		Deo			G.S
79		Deo			G.S
80		Deo			G.S
81		Deo			G.S
82		Deo			G.S
83		Deo			G.S
84		Deo			G.S

GENERAL ABSTRACT

Sl. No	Spp	Class	Sup	V	IV	III	IIA	IIB	IA	IB	II	TOTAL
1	Deo						1	1	1	–	–	37

Attested

ASSISTANT ENGINEER
ANNI SUB-DIVISION
H.P.P.W.D. ANNI

Dy. Chairman Ltd. HPFB
Divisional Forest Officer
Anni Forest Division at Anni

Scanned with OKEN Scanner

General ABSTRACT

No	Name of forest	Spp.	Class	V	IV	III	IIA	IIB	IA	Total
1	1/26 Parkotshill	Deo		7	--	--	1	1	1	10
2	UPF Pali C-175	Deo		48	34	8	--	--	--	90
	Total No.			55	34	8	1	1	1	100
3	Volume in(m^3)	Deo		3.3	4.76	3.36	1.27	2.41	3.54	18.64 m^3

Note:- Total sapling present in road alignment Bajaidhar to Thu
via Parkot isn ⇒ $\frac{1}{26}$ Parkot Shill = 27 No. Deo plants
UPF Pali c-175 = 29 No. Deo plants
Total = 56 No. Deo plants. (Spps.)

Dated:- 17.04.2021

@Reenakumari Fgd
I/C Kalika Beat.

Chairman

Attested

C/S

Range Forest Officer
Chowari Forest Range

ASSISTANT ENGINEER
ANNI SUB-DIVISION
H P P W D ANNI

C/S

Dr Chaman Lal, HPFS
Divisional Forest officer
Anl Forest Division at Lahri