

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

FILE NO. : FP/HP/Road/152261/2022

DATE OF PROPOSAL : 15.07.2022

PART-II

(To be filled by the concerned Deputy Conservator of Forests)

State serial No. of proposal _____

7. Location of the project/Scheme:	
i. State/Union Territory	Himachal Pradesh
ii. District.	Kangra
iii. Forest Division	Dharamshala Forest Division
iv. Area of forest land proposed for diversion (in ha.)	2.0441 ha.
iv. Legal status of the forest	1.9475 –Un-demarcated Protected Forest (UPF) 0.0966 – Un-classed Forest (UCF)
v. Density of vegetation.	0.3
vi. Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.)	784 No. of Trees, Attached at Page No.
vii. Brief note on vulnerability of the forest area to erosion.	The Site is not vulnerable to Land Slides.
viii. Approximate distance of proposed site for diversion from boundary of forests.	0.500 Kms.
ix. Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).	No
x. Whether any rare/ endangered/ unique species of flora and fauna found in the area- if so details thereof.	No such rare endangered species of flora and fauna are found in the area.

xi. Whether any protected archaeological /heritage site/defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.	No
8. Whether the requirement of forest land as proposed by the user agency in col. 2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined.	Yes, the area proposed for diversion is unavoidable and barest minimum for the project.
9. Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.	No
10. Details of compensatory afforestation scheme: i. Details of non forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch. ii. Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries. iii. Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc. iv. Total financial outlay for compensatory afforestation scheme. v. Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests).	Enclosed at page No Enclosed at page No Enclosed at page No Rs. 11,86,944.00 Enclosed at Page No.
11. Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.	Enclosed at Page No.

12. Division/District profile:	
i. Geographical area of the district.	573900 ha
ii. Forest area of the district.	61061.58 ha
iii. Total forest area diverted since 1980 with number of cases.	204.269 ha (102)
iv. Total compensatory afforestation stipulated in the district/division since 1980 on :	
(a) forest land including penal compensatory afforestation,	401.1854 ha
(b) non-forest land.	Nil
v. Progress of compensatory afforestation as on (date) 31/03/2022 on	
(a) forest land	383.0814 ha
(b) non-forest land.	Nil
13. Specific recommendations of the DCF for acceptance or otherwise of the proposal with reason.	The Diversion of 2.0441 ha. of Forest Land in Dharamshala Forest Division for above said proposal is recommended for approval since the Up-gradation to 4-lane from Sihuni to Rajol KM 85.135 to KM 100.840 will benefit a large population and provide long term benefits.

Place : Dharamshala
Dated : 27-01-2023

Dr. Sanjeev Sharma (HPFS)
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

**Divisional Forest Officer
Forest Division
Dharamshala**

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

FILE NO. : FP/HP/Road/152261/2022

DATE OF PROPOSAL : 15.07.2022

SPECIAL RECOMMENDATION

The proposed Diversion of 2.0441 ha area falling within the Dharamshala Forest Division required for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 is hereby recommended for approval as it will reduce the burden of traffic and congestion on Pathankot Mandi Section (NH 154) and will benefit large population and have long term benefits.

Place : Dharamshala

Dated : 27-07-2023

Dr. Sanjeev Sharma (HPFS)
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

**Divisional Forest Officer
Forest Division
Dharamshala**

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

BILL FOR NET PRESENT VALUE

Eco-Value Class	Area in Hectare	Rate(per Hectare)	Total Amount (Rs.)
Class V Open Forest	2.0441	1005210.00	2054750.00
TOTAL AMOUNT			2054750.00


Dr. Sanjeev Sharma (HPFS)
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

**Abstract of Trees Marked In Forest Land for Rehabilitation and Upgradation to Four lane Configuration and Strengthening of *Sibum* to Rajol
under Dharamshala Forest Division, Shahpur Forest Range During the Year 2022-2023**

Sr. No.	Name	Scientific Name	0-30	31-60	61-90	91-120	121-150	150-above	Total
1	Aam	Mangifera indica	-	7	1	2	4	6	20
2	Kaniyar	Cassia fistula	2	32	-	1	-	-	35
3	Ambal	Emblica officinale	-	1	-	-	-	-	1
4	Amrood	Psidium quajava	-	3	-	-	-	-	3
5	Arjun	Terminalia arjuna	-	-	-	1	-	1	2
6	Badar	Mimosa rubiculis	-	-	-	-	-	1	1
7	Bargad	Ficus bengalensis	-	1	-	-	-	-	1
8	Chil	Pinus roxburghii	-	6	8	5	8	1	28
9	Chirindi	Litsaea umbrosa	2	21	1	-	-	-	24
10	Daqur	Ficus hispida	-	24	8	1	-	-	33
11	Darek	Melia Azadirachta	-	-	2	-	-	-	2
12	Dhaman	Grewia hainesiana	2	8	-	-	-	-	10
13	Dran	Broad Leave	1	3	-	-	-	-	4
14	Galgol	Citrus Sedolimon tanaka	1	-	-	-	-	-	1
15	Galeo	Cornus macrophylla	-	1	-	-	-	-	1
16	Jamun	Eugenia jambulana	3	19	4	2	-	-	28
17	Kaangu	Diospyros cordifolia	-	14	4	-	-	-	18
18	Kachnar	Bauhinia variegata	-	3	-	-	-	-	3
19	Kainth	Pyrus pashia	7	56	-	-	-	-	63
20	Kakadan	Pistacia integerrima	-	4	1	1	-	-	6
21	Kala Dhoun	Diospyros montana	-	5	-	-	1	-	6
22	Khadamb	Neolamarckia cadamba	-	-	-	2	-	-	2
23	Kamal	Mallotus philippinensis	12	190	22	-	-	-	224
24	Kathamam	Caruophyllifolia	-	1	-	-	-	-	1
25	Khair	Acacia catechu	-	92	28	4	-	-	124
26	Khirak	Celtis australis	4	7	1	-	1	-	13
27	Lasuda	Cordia myxa	-	-	1	-	-	-	1
28	Luciana	Lasiurus scindicus	-	10	-	-	-	-	10

12/11/23
B-15

[Signature]
B-15

29	Makhan	Broad Leave	-	-	-	1	-	-	1
30	Oie	Albizzia stipulata	-	3	1	-	-	-	4
31	Pajja	Prunus cerasoides	-	1	-	-	-	-	1
32	Pankhar	Sageretia theezans	-	3	-	-	-	-	3
33	Puna	Ehretia acuminata	-	3	2	-	-	-	5
34	Pansra	Wendlendis exerta	-	3	1	-	-	-	4
35	Pipal	Ficus religiosa	-	-	-	1	-	-	1
36	Rada	Randia dumetorum	-	9	1	-	-	-	10
37	Rumbal	Ficus glomerata	-	1	-	2	-	-	3
38	Safeda	Eucalyptus crebra	-	-	-	2	9	9	20
39	Sanan	Ougeinia dalbergiodes	-	1	-	-	-	-	1
40	Shisham	Dalburgia Sisoo	1	16	11	1	2	-	31
41	Silver oak	Grevillea robusta	1	-	-	-	-	-	1
42	Simbal	Bombax malabaricum	-	2	2	-	-	-	4
43	Siris	Jasminum dispersum	-	1	5	1	-	-	7
44	Toot	Morus alba	-	1	-	-	-	-	1
45	Trambal	Ficus roxburghii	-	1	-	-	-	-	1
46	Tuni	Toona ciliata	-	11	5	2	1	-	19
47	Bamboo	Bambusa Vulgaris	2	-	-	-	-	-	2
TOTAL			38	564	109	29	26	18	784

1246
B.O.S

Range Forest Officer
Shahpur Forest Range
Shahpur (H.P.)

38
B.O. R.H.

Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

Abstract & Cost of Trees in Forest Land for Rehabilitation and Upgradation to Four lane Configuration and Strengthening of Shahpur to Rajol under Dharamshala Forest Division, Shahpur Forest Range During the Year 2022-2023

Sr. No.	Name	Scientific Name	U/S	V	IV	III	IIA	IIB	IA	IB	IC	ID	Total	Volume	Amount (Rs.)
1	Chil	Pinus roxburghii	-	6	8	5	8	1					28	18.62	781593
		Vol.	0.05	0.05	0.23	0.65	1.36	2.35	3.62	5.2	5.2	5.2			
2	Khair	Acacia catechu	-	92	28	4	-	-					124	4.79	616179
		Vol.	0.026	0.026	0.069	0.117	0.168	0.253	0.33	0.434	0.545	0.545			
3	Shisham	Dalburgia Sisoo	1	16	11	1	2	-					31	5.45	232251
		Vol.	0.064	0.064	0.176	0.467	0.977	1.523	2.265	2.265	2.265	2.265			
4	Aam	Mangifera indica	-	7	1	2	4	1	2	2	1	-	20	14.4040	161973
5	Kaniyar	Cassia fistula	2	32	-	1	-	-					35	1.5180	17070
6	Ambal	Emblica officinale	-	1	-	-	-	-					1	0.0280	315
7	Amrood	Psidium quajava	-	3	-	-	-	-					3	0.0840	945
8	Arjun	Terminalia arjuna	-	-	-	1	-	-		1			2	1.9810	22276
9	Badar	Mimosa rubiculis	-	-	-	-	-	-				1	1	1.4150	15912
10	Bargad	Ficus bengalensis	-	1	-	-	-	-					1	0.0280	315
11	Chirindi	Litsaea umbrosa	2	21	1	-	-	-					24	0.7850	8827
12	Dagur	Ficus hispida	-	24	8	1	-	-					33	2.3660	26606
13	Darek	Melia Azadirachta	-	-	2	-	-	-					2	0.2820	3171
14	Dhaman	Grewia hainesiana	2	8	-	-	-	-					10	0.2800	3149
15	Dran	Broad Leave	1	3	-	-	-	-					4	0.1120	1259
16	Galgol	Citrus Sedolimon tanaka	1	-	-	-	-	-					1	0.0280	315
17	Galeo	Cornus macrophylla	-	1	-	-	-	-					1	0.0280	315
18	Jamun	Eugenia jambulana	3	19	4	2	-	-					28	2.3120	25998
19	Kaangu	Diospyros cordifolia	-	14	4	-	-	-					18	0.9560	10750
20	Kachnar	Bauhinia variegata	-	3	-	-	-	-					3	0.0840	945
21	Kainth	Pyrus pashia	7	56	-	-	-	-					63	1.7640	19836
22	Kakadan	Pistacia integerrima	-	4	1	1	-	-					6	0.8190	9210
23	Kala Dhoun	Diospyros montana	-	5	-	-	1	-					6	1.2720	14304
24	Khadamb	Neolamarckia cadamba	-	-	-	2	-	-					2	1.1320	12729
25	Kamal	Mallotus philippinensis	12	190	22	-	-	-					224	8.7580	98484
26	Kathamam	Caruophyllifolia	-	1	-	-	-	-					1	0.0280	315
27	Khirak	Celtis australis	4	7	1	-	1	-					13	1.5810	17778

134
B.O.S

B.O. Raut

48	Manjgran	614	Simbal	26	28	27	IV	G.S.F
49	Manjgran	1001	Aam	45	47	46	IIA	G.S.F
50	Manjgran	1002	Aam	16	18	17	V	G.S.F
51	Manjgran	1003	Aam	58	60	59	IIB	G.S.F
52	Manjgran	1004	Aam	68	70	69	IA	G.S.F
53	Manjgran	1005	Charindi	10	12	11	V	G.S.F
54	Manjgran	1006	Kamal	12	14	13	V	G.S.F
55	Manjgran	1007	Kaniyar	10	10	10	V	G.S.F
56	Manjgran	1008	Kamal	9	10	9.5	V	G.S.F
57	Manjgran	1009	Kamal	10	11	10.5	V	G.S.F
58	Manjgran	1010	Amla	18	19	18.5	V	G.S.F
59	Manjgran	1011	Kamal	29	28	28.5	IV	G.S.F
60	Manjgran	1012	Khair			30cm	V	G.S.F
61	Manjgran	1013	Khair			41cm	V	G.S.F
62	Manjgran	1014	Jamun	10	12	11	V	G.S.F
63	Manjgran	1015	Jamun	28	29	28.5	IV	G.S.F
64	Manjgran	1016	Kakdan	16	18	17	V	G.S.F
65	Manjgran	1017	Khair			56cm	V	G.S.F
66	Manjgran	1018	Khirak	12	14	13	V	G.S.F
67	Manjgran	1019	Charindi	12	14	13	V	G.S.F
68	Manjgran	1020	Charindi	11	14	12.5	V	G.S.F
69	Manjgran	1021	Charindi	10	12	11	V	G.S.F
70	Manjgran	1022	Shisham	12	14	13	V	G.S.F
71	Manjgran	1023	Shisham	12	14	13	V	G.S.F
72	Manjgran	1024	Kamal	18	19	18.5	V	G.S.F
73	Manjgran	1025	Kamal	14	16	15	V	G.S.F
74	Manjgran	1026	Kamal	10	10	10	V	G.S.F
75	Manjgran	1027	Charindi	25	26	25.5	IV	G.S.F
76	Manjgran	1028	Charindi	18	19	18.5	V	G.S.F
77	Manjgran	1029	Kaniyar	18	9	13.5	V	G.S.F
78	Manjgran	1087	Shisham	18	19	18.5	V	G.S.F
79	Manjgran	1088	Kamal	14	16	15	V	G.S.F
80	Manjgran	1089	Kamal	23	25	24	IV	G.S.F
81	Manjgran	1090	Kamal	21	26	23.5	IV	G.S.F
82	Manjgran	1091	Charindi	16	18	17	V	G.S.F
83	Manjgran	1092	Charindi	13	14	13.5	V	G.S.F
84	Manjgran	1093	Charindi	10	12	11	V	G.S.F
85	Manjgran	1094	Charindi	8	10	9	BV	G.S.F
86	Manjgran	1095	Charindi	8	10	9	BV	G.S.F
87	Manjgran	1096	Kamal	14	16	15	V	G.S.F
88	Manjgran	1097	Kamal	15	15	15	V	G.S.F
89	Manjgran	1098	Rada	10	10	10	V	G.S.F
90	Manjgran	1099	Kainth	12	12	12	V	G.S.F
91	Manjgran	1100	Kainth	15	18	16.5	V	G.S.F
92	Manjgran	1101	Charindi	12	14	13	V	G.S.F
93	Manjgran	1102	Khirak	12	14	13	V	G.S.F
94	Manjgran	1103	Kamal	13	16	14.5	V	G.S.F
95	Manjgran	1104	Rada	18	19	18.5	V	G.S.F
96	Manjgran	1105	Kamal	13	16	14.5	V	G.S.F
97	Manjgran	1106	Kamal	10	12	11	V	G.S.F
98	Manjgran	1107	Kamal	19	18	18.5	V	G.S.F
99	Manjgran	1108	Kamal	13	14	13.5	V	G.S.F
100	Manjgran	1109	Siris	24	26	25	IV	G.S.F

Part 100
1000

Charindi

1000

1000

101	Manjgran	1110	Kamal	17	18	17.5	V	G.S.F
102	Manjgran	1111	Kamal	11	14	12.5	V	G.S.F
103	Manjgran	1112	Kamal	18	19	18.5	V	G.S.F
104	Manjgran	1113	Kamal	12	12	12	V	G.S.F
105	Manjgran	1114	Dagoor	23	24	23.5	IV	G.S.F
106	Manjgran	1115	Shisham	27	28	27.5	IV	G.S.F
107	Manjgran	1116	Kamal	21	21	21	IV	G.S.F
108	Manjgran	1117	Kamal	16	18	17	V	G.S.F
109	Manjgran	1118	Kamal	24	28	26	IV	G.S.F
110	Manjgran	1119	Kangoo	27	31	29	IV	G.S.F
111	Manjgran	1120	Kamal	11	11	11	V	G.S.F
112	Manjgran	1121	Kamal	10	12	11	V	G.S.F
113	Manjgran	1122	Khair			34cm	V	G.S.F
114	Manjgran	1123	Chil	44	43	43.5	IIA	G.S.F
115	Manjgran	1124	Chil	45	47	46	IIA	G.S.F
116	Manjgran	1125	Rada	10	12	11	V	G.S.F
117	Manjgran	1126	Kamal	9	10	9.5	V	G.S.F
118	Manjgran	1127	Kamal	12	12	12	V	G.S.F
119	Manjgran	1128	Kainth	10	12	11	V	G.S.F
120	Manjgran	1129	Charindi	12	12	12	V	G.S.F
121	Manjgran	1130	Kamal	12	11	11.5	V	G.S.F
122	Manjgran	1131	Kainth	10	10	10	V	G.S.F
123	Manjgran	1132	Kamal	10	12	11	V	G.S.F
124	Manjgran	1133	Kainth	10	11	10.5	V	G.S.F
125	Manjgran	1134	Kamal	13	14	13.5	V	G.S.F
126	Manjgran	1135	Kamal	11	12	11.5	V	G.S.F
127	Manjgran	1136	Kamal	14	15	14.5	V	G.S.F
128	Manjgran	1137	Kainth	9	10	9.5	V	G.S.F
129	Manjgran	1138	Kamal	8	10	9	BV	G.S.F
130	Manjgran	1139	Kamal	11	14	12.5	V	G.S.F
131	Manjgran	1140	Khair			60	IV	G.S.F
132	Manjgran	1141	Kamal	16	16	16	V	G.S.F
133	Manjgran	1142	Khair			53cm	V	G.S.F
134	Manjgran	1143	Kamal	10	10	10	V	G.S.F
135	Manjgran	1144	Kamal	9	10	9.5	V	G.S.F
136	Manjgran	1145	Charindi	12	14	13	V	G.S.F
137	Manjgran	1146	Kamal	14	16	15	V	G.S.F
138	Manjgran	1147	Rada	22	23	22.5	IV	G.S.F
139	Manjgran	1148	Charindi	10	12	11	V	G.S.F
140	Manjgran	1149	Chil	32	34	33	III	G.S.F
141	Manjgran	1150	Kainth	12	12	12	V	G.S.F
142	Manjgran	1151	Kainth	8	10	9	BV	G.S.F
143	Manjgran	1152	Khair			56cm	V	G.S.F
144	Manjgran	1153	Kaniyar	12	12	12	V	G.S.F
145	Manjgran	1154	Kakdan	12	14	13	V	G.S.F
146	Manjgran	1155	Kainth	10	12	11	V	G.S.F
147	Manjgran	1156	Khair			88	III	G.S.F
148	Manjgran	1157	Khair			56cm	V	G.S.F
149	Manjgran	1158	Kamal	10	12	11	V	G.S.F
150	Manjgran	1159	Kamal	12	12	12	V	G.S.F
151	Manjgran	1160	Aam	84	86	85	IC	G.S.F
152	Manjgran	1161	Charindi	10	12	11	V	G.S.F
153	Manjgran	1162	Kamal	12	12	12	V	G.S.F

Surf 124

Handwritten signature/initials

Handwritten signature/initials

Handwritten signature/initials

Handwritten signature/initials

154	Manjgran	1163	Kamal	8	10	9	BV	G.S.F
155	Manjgran	1164	Chil	28	28	28	IV	G.S.F
156	Manjgran	1165	Kamal	10	12	11	V	G.S.F
157	Manjgran	1166	Chil	33	35	34	III	G.S.F
158	Manjgran	1167	Chil	18	17	17.5	V	G.S.F
159	Manjgran	1168	Chil	20	20	20	IV	G.S.F
160	Manjgran	1169	Chil	32	32	32	III	G.S.F
161	Manjgran	1170	Khair			38cm	V	G.S.F
162	Manjgran	1171	Khair			30cm	V	G.S.F
163	Manjgran	1172	Chil	22	22	22	IV	G.S.F
164	Manjgran	1173	Chil	36	38	37	III	G.S.F
165	Manjgran	1174	Chil	24	26	25	IV	G.S.F
166	Manjgran	1175	Chil	18	18	18	V	G.S.F
167	Manjgran	1176	Chil	47	45	46	IIA	G.S.F
168	Manjgran	1177	Charindi	10	10	10	V	G.S.F
169	Manjgran	1178	Chil	46	46	46	IIA	G.S.F
170	Manjgran	1179	Chil	40	42	41	IIA	G.S.F
171	Manjgran	1180	Kainth	16	17	16.5	V	G.S.F
172	Manjgran	1181	Khair			50cm	V	G.S.F
173	Manjgran	1182	Khair			79	IV	G.S.F
174	Manjgran	1183	Khair			62	IV	G.S.F
175	Manjgran	1184	Khair			36cm	V	G.S.F
176	Manjgran	1185	Khair			58cm	V	G.S.F
177	Manjgran	1186	Kangoo	10	10	10	V	G.S.F
178	Manjgran	1187	Kainth	12	12	12	V	G.S.F
179	Manjgran	1188	Khair			35cm	V	G.S.F
180	Manjgran	1189	Khair			42cm	V	G.S.F
181	Manjgran	1190	Kainth	12	14	13	V	G.S.F
182	Manjgran	1191	Charindi	10	12	11	V	G.S.F
183	Manjgran	1192	Kamal	12	14	13	V	G.S.F
184	Manjgran	1193	Aam	30	33	31.5	III	G.S.F
185	Manjgran	1194	Kamal	14	16	15	V	G.S.F
186	Manjgran	1195	Kainth	10	10	10	V	G.S.F
187	Manjgran	1196	Kamal	9	10	9.5	V	G.S.F
188	Manjgran	1197	Kamal	13	14	13.5	V	G.S.F
189	Manjgran	1198	Khair			43cm	V	G.S.F
190	Manjgran	1199	Khair			30cm	V	G.S.F
191	Manjgran	1200	Khair			50cm	V	G.S.F
192	Manjgran	1201	Khair			62	IV	G.S.F
193	Manjgran	1202	Khair			45cm	V	G.S.F
194	Manjgran	1203	Khair			55cm	V	G.S.F
195	Manjgran	1204	Kainth	10	12	11	V	G.S.F
196	Manjgran	1205	Kamal	11	10	10.5	V	G.S.F
197	Manjgran	1206	Charindi	10	10	10	V	G.S.F
198	Manjgran	1207	Chil	14	14	14	V	G.S.F
199	Manjgran	1208	Chil	58	56	57	IIB	G.S.F
200	Manjgran	1209	Chil	39	38	38.5	III	G.S.F
201	Manjgran	1210	Kamal	10	12	11	V	G.S.F
202	Manjgran	1211	Kamal	13	14	13.5	V	G.S.F
203	Manjgran	1212	Kamal	10	12	11	V	G.S.F
204	Manjgran	1213	Aam	72	70	71	IB	G.S.F
205	Manjgran	1214	Khair			62	IV	G.S.F
206	Manjgran	1215	Kainth	10	12	11	V	G.S.F

Sufed
 1-1-2024
 Chakras
 99
 Bo Rak
 12/1
 B.O.S

207	Manjgran	1216	Kamal	14	16	15	V	G.S.F
208	Manjgran	1217	Kangoo	20	20	20	IV	G.S.F
209	Manjgran	1218	Kainth	10	12	11	V	G.S.F
210	Manjgran	1219	Kamal	10	12	11	V	G.S.F
211	Manjgran	1220	Kamal	8	10	9	BV	G.S.F
212	Manjgran	1221	Kainth	18	20	19	V	G.S.F
213	Manjgran	1222	Kainth	10	12	11	V	G.S.F
214	Manjgran	1223	Kainth	10	12	11	V	G.S.F
215	Manjgran	1224	Khair			68	IV	G.S.F
216	Manjgran	1225	Khair			48cm	V	G.S.F
217	Manjgran	1226	Khair			44cm	V	G.S.F
218	Manjgran	1227	Khair			61	IV	G.S.F
219	Manjgran	1228	Khair			55cm	V	G.S.F
220	Manjgran	1229	Kamal	18	20	19	V	G.S.F
221	Manjgran	1230	Kainth	10	12	11	V	G.S.F
222	Manjgran	1231	Kangoo	10	12	11	V	G.S.F
223	Manjgran	1232	Khair			61	IV	G.S.F
224	Manjgran	1233	Khair			34cm	V	G.S.F
225	Manjgran	1234	Khair			40cm	V	G.S.F
226	Manjgran	1235	Khair			46cm	V	G.S.F
227	Manjgran	1236	Kamal	14	16	15	V	G.S.F
228	Manjgran	1237	Chil	12	14	13	V	G.S.F
229	Manjgran	1238	Tuni	18	18	18	V	G.S.F
230	Manjgran	1239	Khair			82	IV	G.S.F
231	Manjgran	1240	Khair			50cm	V	G.S.F
232	Manjgran	1241	Khair			53cm	V	G.S.F
233	Manjgran	1242	Khair			35cm	V	G.S.F
234	Manjgran	1243	Khair			53cm	V	G.S.F
235	Manjgran	1244	Khair			63	IV	G.S.F
236	Manjgran	1245	Khair			32cm	V	G.S.F
237	Manjgran	1246	Khair			57cm	V	G.S.F
238	Manjgran	1247	Khair			53cm	V	G.S.F
239	Manjgran	1248	Khair			59cm	V	G.S.F
240	Manjgran	1249	Khair			56cm	V	G.S.F
241	Manjgran	1250	Khair			58cm	V	G.S.F
242	Manjgran	1251	Khair			54cm	V	G.S.F
243	Manjgran	1252	Khair			70	IV	G.S.F
244	Manjgran	1253	Khair			62	IV	G.S.F
245	Manjgran	1254	Kainth	18	16	17	V	G.S.F
246	Manjgran	1255	Kangoo	12	14	13	V	G.S.F
247	Manjgran	1256	Kainth	10	10	10	V	G.S.F
248	Manjgran	1257	Charindi	10	12	11	V	G.S.F
249	Manjgran	1258	Charindi	10	12	11	V	G.S.F
250	Manjgran	1259	Kamal	10	10	10	V	G.S.F
251	Manjgran	1260	Rada	10	12	11	V	G.S.F
252	Manjgran	1261	Kamal	12	12	12	V	G.S.F
253	Manjgran	1262	Kamal	12	13	12.5	V	G.S.F
254	Manjgran	1263	Kainth	10	12	11	V	G.S.F
255	Manjgran	1264	Khair			57cm	V	G.S.F
256	Manjgran	1265	Kainth	10	10	10	V	G.S.F
257	Manjgran	1266	Kangoo	15	16	15.5	V	G.S.F
258	Manjgran	1267	Kamal	10	10	10	V	G.S.F
259	Manjgran	1268	Kamal	14	16	15	V	G.S.F
260	Manjgran	1269	Kamal	11	12	11.5	V	G.S.F

Suraj Singh
13-05-2021

Suraj Singh
13-05-2021

261	Manjgran	1270	Kamal	11	12	11.5	V	G.S.F
262	Manjgran	1271	Khair			47cm	V	G.S.F
263	Manjgran	1272	Khair			40cm	V	G.S.F
264	Manjgran	1273	Khair			34cm	V	G.S.F
265	Manjgran	1274	Chil	12	14	13	V	G.S.F
266	Manjgran	1275	Chil	16	18	17	V	G.S.F
267	Manjgran	1276	Kaniyar	10	12	11	V	G.S.F
268	Manjgran	1277	Kamal	18	18	18	V	G.S.F
269	Manjgran	1278	Kangoo	22	24	23	IV	G.S.F
270	Manjgran	1279	Kamal	16	18	17	V	G.S.F
271	Manjgran	1280	Charindi	10	12	11	V	G.S.F
272	Manjgran	1281	Khair			63	IV	G.S.F
273	Manjgran	1282	Khair			50	V	G.S.F
274	Manjgran	1283	Kainth	10	10	10	V	G.S.F
275	Manjgran	1284	Kamal	16	14	15	V	G.S.F
276	Manjgran	1285	Kangoo	28	28	28	IV	G.S.F
277	Manjgran	1286	Khair			48	V	G.S.F
278	Manjgran	1287	Kangoo	12	14	13	V	G.S.F
279	Manjgran	1288	Kamal	10	12	11	V	G.S.F
280	Manjgran	1289	Tuni	13	14	13.5	V	G.S.F
281	Manjgran	1290	Tuni	17	18	17.5	V	G.S.F
282	Manjgran	1291	Kamal	10	10	10	V	G.S.F
283	Manjgran	1292	Shisham	20	20	20	IV	G.S.F
284	Manjgran	1293	Pansra	28	28	28	IV	G.S.F
285	Manjgran	1294	Pansra	16	18	17	V	G.S.F
286	Manjgran	1295	Kamal	12	14	13	V	G.S.F
287	Manjgran	1296	Kamal	10	10	10	V	G.S.F
288	Manjgran	1297	Kamal	18	19	18.5	V	G.S.F
289	Manjgran	1298	Tuni	28	30	29	IV	G.S.F
290	Manjgran	1299	Kainth	10	10	10	V	G.S.F
291	Manjgran	1300	Rada	10	10	10	V	G.S.F
292	Manjgran	1301	Kamal	14	14	14	V	G.S.F
293	Manjgran	1302	Kamal	12	14	13	V	G.S.F
294	Manjgran	1303	Kamal	13	14	13.5	V	G.S.F
295	Manjgran	1304	Kamal	14	15	14.5	V	G.S.F
296	Manjgran	1305	Kamal	10	10	10	V	G.S.F
297	Manjgran	1306	Kamal	10	12	11	V	G.S.F
298	Manjgran	1307	Chil	24	26	25	IV	G.S.F
299	Manjgran	1308	Khair			54	V	G.S.F
300	Manjgran	1309	Khair			59cm	V	G.S.F
301	Manjgran	1310	Khair			52cm	V	G.S.F
302	Manjgran	1311	Khair			33cm	V	G.S.F
303	Manjgran	1312	Khair			43cm	V	G.S.F
304	Manjgran	1313	Khair			66	IV	G.S.F
305	Manjgran	1314	Rada	10	12	11	V	G.S.F
306	Manjgran	1315	Charindi	14	12	13	V	G.S.F
307	Manjgran	1316	Kakdan	10	12	11	V	G.S.F
308	Manjgran	1317	Khair			42cm	V	G.S.F
309	Manjgran	1318	Chil	42	44	43	IIA	G.S.F
310	Manjgran	1319	Kamal	16	18	17	V	G.S.F
311	Manjgran	1320	Khair			40cm	V	G.S.F
312	Manjgran	1321	Kamal	12	14	13	V	G.S.F
313	Manjgran	1322	Kamal	18	20	19	V	G.S.F

Sp. Fed
K. S. S. S.
Rout

Charindi

Sp. Fed
K. S. S. S.
Rout

Sp. Fed
K. S. S. S.
Rout

314	Manjgran	1323	Khair			42cm	V	G.S.F
315	Manjgran	1324	Kainth	12	12	12	V	G.S.F
316	Manjgran	1325	Kaniyar	10	12	11	V	G.S.F
317	Manjgran	1326	Dagoor	18	18	18	V	G.S.F
318	Manjgran	1327	Kamal	18	20	19	V	G.S.F
319	Manjgran	1328	Charindi	10	10	10	V	G.S.F
320	Manjgran	1329	Kaniyar	12	14	13	V	G.S.F
321	Manjgran	1330	Tuni	18	16	17	V	G.S.F
322	Manjgran	1331	Kainth	12	14	13	V	G.S.F
323	Manjgran	1332	Kainth	13	14	13.5	V	G.S.F
324	Manjgran	1333	Kainth	12	12	12	V	G.S.F
325	Manjgran	1334	Kaniyar	10	12	11	V	G.S.F
326	Manjgran	1335	Tuni	10	12	11	V	G.S.F
327	Manjgran	1336	Darek	22	24	23	IV	G.S.F
328	Manjgran	1337	Kamal	8	10	9	BV	G.S.F
329	Manjgran	1338	Kainth	8	10	9	BV	G.S.F
330	Manjgran	1339	Kainth	13	15	14	V	G.S.F
331	Manjgran	1340	Kainth	10	11	10.5	V	G.S.F
332	Manjgran	1341	Kamal	18	19	18.5	V	G.S.F
333	Manjgran	1342	Kamal	12	14	13	V	G.S.F
334	Manjgran	1343	Shisham	18	18	18	V	G.S.F
335	Manjgran	1344	Dhaman	8	10	9	BV	G.S.F
336	Manjgran	1345	Kaniyar	12	14	13	V	G.S.F
337	Manjgran	1346	Kaniyar	16	18	17	V	G.S.F
338	Manjgran	1347	Kaniyar	14	15	14.5	V	G.S.F
339	Manjgran	1348	Kamal	10	11	10.5	V	G.S.F
340	Manjgran	1349	Jamun	8	10	9	BV	G.S.F
341	Manjgran	1350	Siris	11	12	11.5	V	G.S.F
342	Manjgran	1351	Dagoor	9	10	9.5	V	G.S.F
343	Manjgran	1352	Dagoor	12	14	13	V	G.S.F
344	Manjgran	1353	Kamal	10	12	11	V	G.S.F
345	Manjgran	1354	Tuni	44	46	45	IIA	G.S.F
346	Manjgran	1355	Shisham	12	14	13	V	G.S.F
347	Manjgran	1356	Kamal	10	10	10	V	G.S.F
348	Manjgran	1357	Khair			67	IV	G.S.F
349	Manjgran	1358	Kamal	10	10	10	V	G.S.F
350	Manjgran	1359	Kamal	10	10	10	V	G.S.F
351	Manjgran	1360	Kamal	10	12	11	V	G.S.F
352	Manjgran	1361	Khair			55cm	V	G.S.F
353	Manjgran	1362	Khair			52cm	V	G.S.F
354	Manjgran	1363	Khair			72	IV	G.S.F
355	Manjgran	1364	Kainth	10	10	10	V	G.S.F
356	Manjgran	1365	Kamal	20	22	21	IV	G.S.F
357	Manjgran	1366	Darek	20	22	21	IV	G.S.F
358	Manjgran	1367	Kamal	16	17	16.5	V	G.S.F
359	Manjgran	1368	Khair			60	IV	G.S.F
360	Manjgran	1369	Khair			52cm	V	G.S.F
361	Manjgran	1370	Kaniyar	14	14	14	V	G.S.F
362	Manjgran	1371	Khair			34cm	V	G.S.F
363	Manjgran	1372	Khair			50cm	V	G.S.F
364	Manjgran	1373	Kamal	12	14	13	V	G.S.F
365	Manjgran	1374	Khair			35cm	V	G.S.F
366	Manjgran	1375	Shisham	19	20	19.5	IV	G.S.F

Surf. fgd.

10/11/2019

10/11/2019

10/11/2019

10/11/2019

367	Manjgran	1376	Kamal	10	12	11	V	G.S.F
368	Manjgran	1377	Kainth	8	10	9	BV	G.S.F
369	Manjgran	1378	Kainth	8	10	9	BV	G.S.F
370	Manjgran	1379	Ohi	18	20	19	V	G.S.F
371	Manjgran	1380	Tuni	30	30	30	III	G.S.F
372	Manjgran	1381	Khair			98	III	G.S.F
373	Manjgran	1382	Khair			45cm	V	G.S.F
374	Manjgran	1383	Khair			32cm	V	G.S.F
375	Manjgran	1384	Khair			88	III	G.S.F
376	Manjgran	1385	Pankhar	16	18	17	V	G.S.F
377	Manjgran	1386	Kamal	18	20	19	V	G.S.F
378	Manjgran	1387	Tuni	12	14	13	V	G.S.F
379	Manjgran	1388	Tuni	10	12	11	V	G.S.F
380	Manjgran	1389	Khair			75	IV	G.S.F
381	Manjgran	1390	Kaniyar	8	10	9	BV	G.S.F
382	Manjgran	1391	Khair			43cm	V	G.S.F
383	Manjgran	1392	Khair			37cm	V	G.S.F
384	Manjgran	1393	Khair			52cm	V	G.S.F
385	Manjgran	1394	Khair			49cm	V	G.S.F
386	Manjgran	1395	Khair			51cm	V	G.S.F
387	Manjgran	1396	Khair			74	IV	G.S.F
388	Manjgran	1397	Khair			61	IV	G.S.F
389	Manjgran	1398	Khair			59cm	V	G.S.F
390	Manjgran	1399	Khair			57cm	V	G.S.F
391	Manjgran	1400	Khair			30cm	V	G.S.F
392	Manjgran	1401	Khair			63	IV	G.S.F
393	Manjgran	1402	Khair			30cm	V	G.S.F
394	Manjgran	1403	Kamal	18	20	19	V	G.S.F
395	Manjgran	1404	Kamal	16	18	17	V	G.S.F
396	Manjgran	1405	Shisham	18	20	19	V	G.S.F
397	Manjgran	1406	Khair			52cm	V	G.S.F
398	Manjgran	1407	Khair			30cm	V	G.S.F
399	Manjgran	1408	Khair			44cm	V	G.S.F
400	Manjgran	1409	Khair			55cm	V	G.S.F
401	Manjgran	1410	Khair			52cm	V	G.S.F
402	Manjgran	1411	Khair			62	IV	G.S.F
403	Manjgran	1412	Shisham	22	20	21	IV	G.S.F
404	Manjgran	1413	Khair			49cm	V	G.S.F
405	Manjgran	1414	Khair			30cm	V	G.S.F
406	Manjgran	1415	Kamal	16	18	17	V	G.S.F
407	Manjgran	1416	Chil	42	44	43	IIA	G.S.F
408	Manjgran	1417	Khair			43cm	V	G.S.F
409	Manjgran	1418	Khair			56cm	V	G.S.F
410	Manjgran	1419	Khair			59cm	V	G.S.F
411	Manjgran	1420	Khair			45cm	V	G.S.F
412	Manjgran	1421	Khair			63	IV	G.S.F
413	Manjgran	1422	Khair			55cm	V	G.S.F
414	Manjgran	1423	Khair			50cm	V	G.S.F
415	Manjgran	1424	Khair			35cm	V	G.S.F
416	Manjgran	1425	Khair			55cm	V	G.S.F
417	Manjgran	1426	Khair			36cm	V	G.S.F
418	Manjgran	1427	Khair			47cm	V	G.S.F
419	Manjgran	1428	Khair			34cm	V	G.S.F
420	Manjgran	1429	Kaniyar	10	10	10	V	G.S.F

Handwritten signature and text: "Surf-fog" and "Kaniyar"

Handwritten signature and text: "Kaniyar"

Handwritten text: "Kaniyar"

421	Manjgran	1430	Khair			60	IV	G.S.F
422	Manjgran	1431	Kamal	10	10	10	V	G.S.F
423	Manjgran	1432	Kamal	22	24	23	IV	G.S.F
424	Manjgran	1433	Pansra	11	13	12	V	G.S.F
425	Manjgran	1434	Shisham	10	11	10.5	V	G.S.F
426	Manjgran	1435	Kamal	16	18	17	V	G.S.F
427	Manjgran	1436	Pajja	13	15	14	V	G.S.F
428	Manjgran	1437	Kamal	10	10	10	V	G.S.F
429	Manjgran	1438	Kamal	10	11	10.5	V	G.S.F
430	Manjgran	1439	Kamal	10	10	10	V	G.S.F
431	Manjgran	1440	Kangoo	16	18	17	V	G.S.F
432	Manjgran	1441	Khair			45cm	V	G.S.F
433	Manjgran	1442	Khair			44cm	V	G.S.F
434	Manjgran	1443	Kamal	10	10	10	V	G.S.F
435	Manjgran	1444	Khair			79	IV	G.S.F
436	Manjgran	1445	Khair			70	IV	G.S.F
437	Manjgran	1446	Chil	22	24	23	IV	G.S.F
438	Manjgran	1447	Kamal	10	12	11	V	G.S.F
439	Manjgran	1448	Kamal	8	10	9	BV	G.S.F
440	Manjgran	1449	Khair			56cm	V	G.S.F
441	Manjgran	1450	Khair			47cm	V	G.S.F
442	Manjgran	1451	Chil	23	24	23.5	IV	G.S.F
443	Manjgran	1452	Khair			43cm	V	G.S.F
444	Manjgran	1453	Khair			61	IV	G.S.F
445	Manjgran	1454	Kangoo	10	10	10	V	G.S.F
446	Manjgran	1455	Kamal	10	12	11	V	G.S.F
447	Manjgran	1456	Kamal	12	12	12	V	G.S.F
448	Manjgran	1457	Kamal	10	10	10	V	G.S.F
449	Manjgran	1458	Kangoo	11	13	12	V	G.S.F
450	Manjgran	1459	Kaniyar	9	10	9.5	V	G.S.F
451	Manjgran	1460	Kamal	10	10	10	V	G.S.F
452	Manjgran	1461	Kamal	9	10	9.5	V	G.S.F
453	Manjgran	1462	Kamal	10	10	10	V	G.S.F
454	Manjgran	1463	Kangoo	10	10	10	V	G.S.F
455	Manjgran	1464	Kangoo	10	12	11	V	G.S.F
456	Manjgran	1465	Kaniyar	12	12	12	V	G.S.F
457	Manjgran	1466	Kamal	12	14	13	V	G.S.F
458	Manjgran	1467	Chil	47	48	47.5	IIA	G.S.F
459	Manjgran	1468	Kamal	12	14	13	V	G.S.F
460	Manjgran	1469	Khair			107	III	G.S.F
461	Manjgran	1470	Kaniyar	8	10	9	BV	G.S.F
462	Manjgran	1471	Kamal	16	18	17	V	G.S.F
463	Manjgran	1472	Tuni	20	22	21	IV	G.S.F
464	Manjgran	1473	Kainth	11	13	12	V	G.S.F
465	Manjgran	1474	Kamal	18	20	19	V	G.S.F
466	Manjgran	1475	Kangoo	19	19	19	V	G.S.F
467	Manjgran	1476	Kaniyar	11	13	12	V	G.S.F
468	Manjgran	1477	Kamal	10	13	11.5	V	G.S.F
469	Manjgran	1478	Kangoo	11	13	12	V	G.S.F
470	Manjgran	1479	Kamal	8	10	9	BV	G.S.F
471	Manjgran	1480	Chil	23	24	23.5	IV	G.S.F
472	Manjgran	1481	Pansra	11	14	12.5	V	G.S.F
473	Manjgran	1482	Kangoo	12	14	13	V	G.S.F

Surf fed

Surf fed
Best

Surf fed

Surf fed
B.O.P.

Surf fed
B.O.S

474	Manjgran	1483	Khair			63	IV	G.S.F
475	Manjgran	1484	Kamal	10	10	10	V	G.S.F
476	Manjgran	1485	Rada	10	12	11	V	G.S.F
477	Manjgran	1486	Khair			56cm	V	G.S.F
478	Manjgran	1487	Khair			40cm	V	G.S.F
479	Manjgran	1488	Kamal	10	12	11	V	G.S.F
480	Manjgran	1489	Shisham	22	24	23	IV	G.S.F
481	Manjgran	1490	Kamal	22	18	20	IV	G.S.F
482	Manjgran	1491	Simbal	15	17	16	V	G.S.F
483	Manjgran	1492	Kamal	25	25	25	IV	G.S.F
484	Manjgran	1493	Kamal	10	10	10	V	G.S.F
485	Manjgran	1494	Kamal	9	10	9.5	V	G.S.F
486	Manjgran	1495	Kamal	10	11	10.5	V	G.S.F
487	Manjgran	1496	Kamal	18	20	19	V	G.S.F
488	Manjgran	1497	Sunana	10	12	11	V	G.S.F
489	Manjgran	1498	Kamal	10	12	11	V	G.S.F
490	Manjgran	1499	Kamal	10	12	11	V	G.S.F
491	Manjgran	1500	Kamal	22	22	22	IV	G.S.F
492	Manjgran	1501	Kamal	10	12	11	V	G.S.F
493	Manjgran	1502	Kamal	10	12	11	V	G.S.F
494	Manjgran	1503	Shisham	12	10	11	V	G.S.F
495	Manjgran	1504	Simbal	28	28	28	IV	G.S.F
496	Manjgran	1505	Kamal	11	12	11.5	V	G.S.F
497	Manjgran	1506	Kamal	12	16	14	V	G.S.F
498	Manjgran	1507	Kamal	14	16	15	V	G.S.F
499	Manjgran	1508	Kamal	12	14	13	V	G.S.F
500	Manjgran	1509	Shisham	16	18	17	V	G.S.F
501	Manjgran	1510	Shisham	16	18	17	V	G.S.F
502	Manjgran	1511	Kamal	18	20	19	V	G.S.F
503	Manjgran	1512	Kamal	16	18	17	V	G.S.F
504	Manjgran	1513	Kamal	12	14	13	V	G.S.F
505	Manjgran	1514	Kamal	14	16	15	V	G.S.F
506	Manjgran	1515	Kaniyar	10	12	11	V	G.S.F
507	Manjgran	1516	Kaniyar	10	10	10	V	G.S.F
508	Manjgran	1517	Kamal	12	12	12	V	G.S.F
509	Manjgran	1518	Kamal	10	12	11	V	G.S.F
510	Manjgran	1519	Kamal	10	12	11	V	G.S.F
511	Manjgran	1520	Kamal	18	18	18	V	G.S.F
512	Manjgran	1521	Kamal	20	20	20	IV	G.S.F
513	Manjgran	1522	Shisham	8	10	9	BV	G.S.F
514	Manjgran	1523	Kainth	17	18	17.5	V	G.S.F
515	Manjgran	1524	Kamal	28	30	29	IV	G.S.F
516	Manjgran	1525	Kamal	16	18	17	V	G.S.F
517	Manjgran	1526	Kamal	12	12	12	V	G.S.F
518	Manjgran	1527	Kainth	13	14	13.5	V	G.S.F
519	Manjgran	1528	Aam	10	12	11	V	G.S.F
520	Manjgran	1529	Kamal	18	18	18	V	G.S.F
521	Manjgran	1530	Kamal	14	16	15	V	G.S.F
522	Manjgran	1531	Kamal	12	12	12	V	G.S.F
523	Manjgran	1532	Pankhar	12	14	13	V	G.S.F
524	Manjgran	1533	Kamal	10	12	11	V	G.S.F
525	Manjgran	1534	Kamal	12	12	12	V	G.S.F

Surf 4-20

Surf 4-20

Surf 4-20

Surf 4-20

Surf 4-20

Surf 4-20

Surf 4-20

Surf 4-20

630	Manjgran	1639	Kamal	15	16	15.5	V	G.S.F
631	Manjgran	1640	Garelu	13	13	13	V	G.S.F
632	Manjgran	1641	Kainth	15	16	15.5	V	G.S.F
633	Manjgran	1642	Kainth	13	14	13.5	V	G.S.F
634	Manjgran	1643	Kamal	9	10	9.5	V	G.S.F
635	Manjgran	1644	Siris	20	21	20.5	IV	G.S.F
636	Manjgran	1645	Tuni	10	9	9.5	V	G.S.F
637	Manjgran	1646	Tuni	28	30	29	IV	G.S.F
638	Manjgran	1647	Kamal	25	28	26.5	IV	G.S.F
639	Manjgran	1648	Kamal	22	22	22	IV	G.S.F
640	Manjgran	1649	Trembal	13	16	14.5	V	G.S.F
641	Manjgran	1650	Kainth	11	12	11.5	V	G.S.F
642	Manjgran	1651	Kamal	9	10	9.5	V	G.S.F
643	Manjgran	1652	Kainth	16	17	16.5	V	G.S.F
644	Manjgran	1653	Kainth	12	11	11.5	V	G.S.F
645	Manjgran	1902	Kamal	10	11	10.5	V	G.S.F
646	Manjgran	1903	Shisham	21	22	21.5	IV	G.S.F
647	Manjgran	1904	Kamal	14	14	14	V	G.S.F
648	Manjgran	1905	Kamal	12	16	14	V	G.S.F
649	Manjgran	1906	Shisham	10	11	10.5	V	G.S.F
650	Manjgran	1913	Aam	29	30	29.5	III	G.S.F
651	Manjgran	1914	Aam	15	17	16	V	G.S.F
652	Manjgran	1915	Aam	10	10	10	V	G.S.F
653	Manjgran	1916	Aam	16	17	16.5	V	G.S.F
654	Manjgran	1917	Jamun	10	10	10	V	G.S.F
655	Manjgran	1918	Jamun	9	10	9.5	V	G.S.F
656	Manjgran	1919	Amrood	10	10	10	V	G.S.F
657	Manjgran	1920	Dhaman	13	14	13.5	V	G.S.F
658	Manjgran	1921	Kamal	9	10	9.5	V	G.S.F
659	Manjgran	2040	Kathamam	10	10	10	V	G.S.F
660	Manjgran	2041	Kamal	8	10	9	BV	G.S.F
661	Manjgran	2042	Kainth	10	12	11	V	G.S.F
662	Shahpur	601	Arjun	37	40	38.5	III	G.S.F
663	Shahpur	884	Aam	28	30	29	IV	G.S.F
664	Shahpur	885	Aam	36	48	42	IIA	G.S.F
665	Shahpur	886	Aam	43	55	49	IIA	G.S.F
666	Shahpur	1086	Dagoor	21	22	21.5	IV	G.S.F
667	Shahpur	1087	Jamun	13	14	13.5	V	G.S.F
668	Shahpur	1088	Dagoor	21	20	20.5	IV	G.S.F
669	Shahpur	1089	Kamal	14	15	14.5	V	G.S.F
670	Shahpur	1090	Jamun	11	12	11.5	V	G.S.F
671	Shahpur	1091	Dagoor	11	12	11.5	V	G.S.F
672	Shahpur	1092	Dran	13	19	16	V	G.S.F
673	Shahpur	1093	Jamun	22	22	22	IV	G.S.F
674	Shahpur	1094	Dran	15	16	15.5	V	G.S.F
675	Shahpur	1095	Rumbal	14	16	15	V	G.S.F
676	Shahpur	1096	Puna	20	22	21	IV	G.S.F
677	Shahpur	1097	Puna	21	23	22	IV	G.S.F
678	Shahpur	1098	Dagoor	15	15	15	V	G.S.F
679	Shahpur	1099	Dagoor	16	16	16	V	G.S.F
680	Shahpur	1100	Khadamb	29	34	31.5	III	G.S.F
681	Shahpur	1101	Shisham	14	15	14.5	V	G.S.F
682	Shahpur	1102	Dagoor	16	18	17	V	G.S.F

Handwritten notes:
 659
 662
 663
 664
 665
 666
 667
 668
 669
 670
 671
 672
 673
 674
 675
 676
 677
 678
 679
 680
 681
 682

683	Shahpur	1103	Dagoor	10	10	10	V	G.S.F
684	Shahpur	1104	Dagoor	18	20	19	V	G.S.F
685	Shahpur	1105	Dagoor	8	14	11	V	G.S.F
686	Shahpur	1106	Dran	10	12	11	V	G.S.F
687	Shahpur	1107	Kamal	10	11	10.5	V	G.S.F
688	Shahpur	1108	Jamun	12	14	13	V	G.S.F
689	Shahpur	1109	Dran	8	10	9	BV	G.S.F
690	Shahpur	1110	Jamun	10	10	10	V	G.S.F
691	Shahpur	1111	Kamal	12	16	14	V	G.S.F
692	Shahpur	1112	Khadamb	35	38	36.5	III	G.S.F
693	Shahpur	1113	Dagoor	19	20	19.5	V	G.S.F
694	Shahpur	1114	Kaniyar	16	18	17	V	G.S.F
695	Shahpur	1115	Dagoor	18	20	19	V	G.S.F
696	Shahpur	1116	Jamun	14	16	15	V	G.S.F
697	Shahpur	1117	Dagoor	16	18	17	V	G.S.F
698	Shahpur	1118	Tuni	18	20	19	V	G.S.F
699	Shahpur	1119	Jamun	14	16	15	V	G.S.F
700	Shahpur	1120	Simbal	10	12	11	V	G.S.F
701	Shahpur	1121	Shisham	22	25	23.5	IV	G.S.F
702	Shahpur	1122	Makhan	32	35	33.5	III	G.S.F
703	Shahpur	1123	Khirak	12	14	13	V	G.S.F
704	Shahpur	1124	Kainth	11	12	11.5	V	G.S.F
705	Shahpur	1125	Kaniyar	14	15	14.5	V	G.S.F
706	Shahpur	1126	Jamun	12	13	12.5	V	G.S.F
707	Shahpur	1127	Jamun	17	18	17.5	V	G.S.F
708	Shahpur	1128	Khirak	14	15	14.5	V	G.S.F
709	Shahpur	1129	Dagoor	25	28	26.5	IV	G.S.F
710	Shahpur	1130	Dagoor	30	32	31	III	G.S.F
711	Shahpur	1131	Dagoor	25	28	26.5	IV	G.S.F
712	Shahpur	1132	Jamun	16	18	17	V	G.S.F
713	Shahpur	1133	Jamun	20	22	21	IV	G.S.F
714	Shahpur	1134	Jamun	9	8	8.5	BV	G.S.F
715	Shahpur	1135	Jamun	10	13	11.5	V	G.S.F
716	Shahpur	1136	Khirak	18	20	19	V	G.S.F
717	Shahpur	1137	Tuni	20	18	19	V	G.S.F
718	Shahpur	1138	Tuni	22	15	18.5	V	G.S.F
719	Shahpur	1139	Dagoor	20	22	21	IV	G.S.F
720	Shahpur	1140	Kakdan	20	22	21	IV	G.S.F
721	Shahpur	1141	Jamun	18	16	17	V	G.S.F
722	Shahpur	1142	Jamun	10	12	11	V	G.S.F
723	Shahpur	1143	Khirak	8	10	9	BV	G.S.F
724	Shahpur	1144	Dagoor	12	14	13	V	G.S.F
725	Shahpur	1145	Pipal	30	32	31	III	G.S.F
726	Shahpur	1146	Tuni	20	23	21.5	IV	G.S.F
727	Rehlu	897	Jamun	30	32	31	III	G.S.F
728	Rehlu	898	Dagoor	12	14	13	V	G.S.F
729	Rehlu	899	Dagoor	14	16	15	V	G.S.F
730	Rehlu	900	Khirak	15	17	16	V	G.S.F
731	Rehlu	901	Khirak	8	8	8	Below v	G.S.F
732	Rehlu	902	Silver Oak	8	8	8	Below v	G.S.F
733	Rehlu	903	Rumbal	37	39	38	III	G.S.F
734	Rehlu	904	Dhaman	18	20	19	V	G.S.F
735	Rehlu	905	Kamal	20	22	21	IV	G.S.F
736	Rehlu	906	Kamal	8	10	9	Below v	G.S.F
737	Rehlu	907	Dagoor	24	26	25	IV	G.S.F

Suf. fad.

Shahpur
R.S.

Shahpur

Shahpur
R.S.

Rehlu
R.S.

738	Rehlu	908	Jamun	25	27	26	IV	G.S.F
739	Rehlu	909	Jamun	34	36	35	III	G.S.F
740	Rehlu	910	Ohi	14	16	15	V	G.S.F
741	Rehlu	911	Ohi	16	18	17	V	G.S.F
742	Rehlu	912	Ohi	27	29	28	IV	G.S.F
743	Rehlu	913	Puna	12	14	13	V	G.S.F
744	Rehlu	914	Puna	16	18	17	V	G.S.F
745	Rehlu	915	Kamal	8	10	9	Below v	G.S.F
746	Rehlu	916	Khirak	7	9	8	Below v	G.S.F
747	Rehlu	917	Dhaman	16	18	17	V	G.S.F
748	Rehlu	918	Dhaman	18	20	19	V	G.S.F
749	Rehlu	919	Dhaman	16	18	17	V	G.S.F
750	Rehlu	920	Khirak	40	44	42	IIA	G.S.F
751	Rehlu	921	Kamal	12	14	13	V	G.S.F
752	Rehlu	922	Khirak	20	22	21	IV	G.S.F
753	Rehlu	923	Kamal	8	8	8	Below v	G.S.F
754	Rehlu	924	Kainth	8	8	8	Below v	G.S.F
755	Rehlu	925	Jamun	15	17	16	V	G.S.F
756	Rehlu	926	Siris	20	22	21	IV	G.S.F
757	Rehlu	927	Aam	16	18	17	V	G.S.F
758	Rehlu	928	Jamun	15	17	16	V	G.S.F
759	Rehlu	929	Puna	18	20	19	V	G.S.F
760	Rehlu	1237	Safeda	48	52	50	IIA	G.S.F
761	Rehlu	1238	Safeda	66	68	67	IA	G.S.F
762	Rehlu	1239	Safeda	46	50	48	IIA	G.S.F
763	Rehlu	1240	Safeda	40	42	41	IIA	G.S.F
764	Rehlu	1241	Safeda	62	64	63	IA	G.S.F
765	Rehlu	1242	Safeda	48	50	49	IIA	G.S.F
766	Rehlu	1243	Safeda	70	72	71	IB	G.S.F
767	Rehlu	1244	Safeda	40	42	41	IIA	G.S.F
768	Rehlu	1245	Safeda	48	50	49	IIA	G.S.F
769	Rehlu	1246	Rumbal	32	40	36	III	G.S.F
770	Rehlu	1247	Safeda	64	68	67	IA	G.S.F
771	Rehlu	1248	Safeda	42	44	43	IIA	G.S.F
772	Rehlu	1249	Safeda	48	54	51	IIB	G.S.F
773	Rehlu	1250	Safeda	34	36	35	III	G.S.F
774	Rehlu	1251	Safeda	42	44	43	IIA	G.S.F
775	Rehlu	1252	Safeda	45	49	47	IIA	G.S.F
776	Rehlu	1253	Safeda	62	70	66	IA	G.S.F
777	Rehlu	1254	Safeda	82	84	83	IC	G.S.F
778	Rehlu	1255	Arjun	56	86	71	IB	G.S.F
779	Rehlu	1256	Kachnar	14	16	15	V	G.S.F
780	Rehlu	1257	Lasuni	18	20	19	V	G.S.F
781	Rehlu	1258	Khirak	12	14	13	V	G.S.F
782	Rehlu	1259	Safeda	50	52	51	IIB	G.S.F
783	Rehlu	1260	Safeda	35	37	36	III	G.S.F
784	Rehlu	1261	Safeda	62	64	63	IA	G.S.F

Sigurd
Hc Keller
Hes
Keller
Charles
SP
The Ranch

12.1
13.05

Range Forest Officer
Shahpur Forest Range
Shahpur (H.P.)

Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

FILE NO. : FP/HP/Road/152261/2022

DATE OF PROPOSAL : 15.07.2022

CHECK LIST SERIAL NUMBER – 15

SITE INSPECTION REPORT NOT BELOW THE RANK OF DCF / DFO

(for the forest land to be diverted under FCA)

A proposal has been received by this office from **Project Director, NHAI, PIU Palampur, District Kangra (HP) - 176061** for diversion under FCA-1980 of 2.0441 hac. of forest land in **Dharamshala Forest Division** for non-forestry purpose. The project envisages the use of forest land for **Rehabilitation and Up-gradation to Four Lane Configuration & Strengthening of Sihuni to Rajol (Package IIA) from Km 51.00 to Km 72.00 (Design Length 18.450 Km) of NH – 20 (New NH – 154) of Pathankot – Mandi Section District Kangra (H.P.)**. The site inspection of the land involved in the proposal has been done by me on date **21-07-2023**.

12. On inspection of the site, it is found that the land required by the user agency is a forest area measuring 2.0441 hac.

13. The requirement of forest land as proposed by the user agency in Col. 2 of part-I is unavoidable and is barest minimum required for the project.

14. Whether any rare/endangered/unique species of flora and fauna found in the area.
If so, the details thereof.

: NO

15. Whether any protected archaeological/heritage site/defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority.

: NO

16. (a) The user agency has not violated the provisions of Forests (Conservation) Act, 1982 no work has been started without proper sanction.

: (✓)

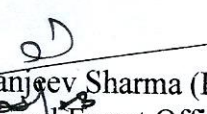
(b) It has been found that the user agency has violated the provisions of Forest (Conservation) Act, 1980 Indian Forest Act, 1927 / any other forest Act.

A detailed report as per para 1.9 of Chapter I, Part C of handbook of Forest (Conservation) Act, 1980 is attached.

: (X)

Specific recommendation for acceptance or otherwise of the proposal : **The diversion of 2.0441 ha of forest land is recommended for approval as it will have long term benefits.**

Place : Dharamshala
Dated : 21-07-2023


Dr. Sanjeev Sharma (HPFS)
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala
Divisional Forest Officer
Forest Division
Dharamshala

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

FILE NO. : FP/HP/Road/152261/2022

DATE OF PROPOSAL : 15.07.2022

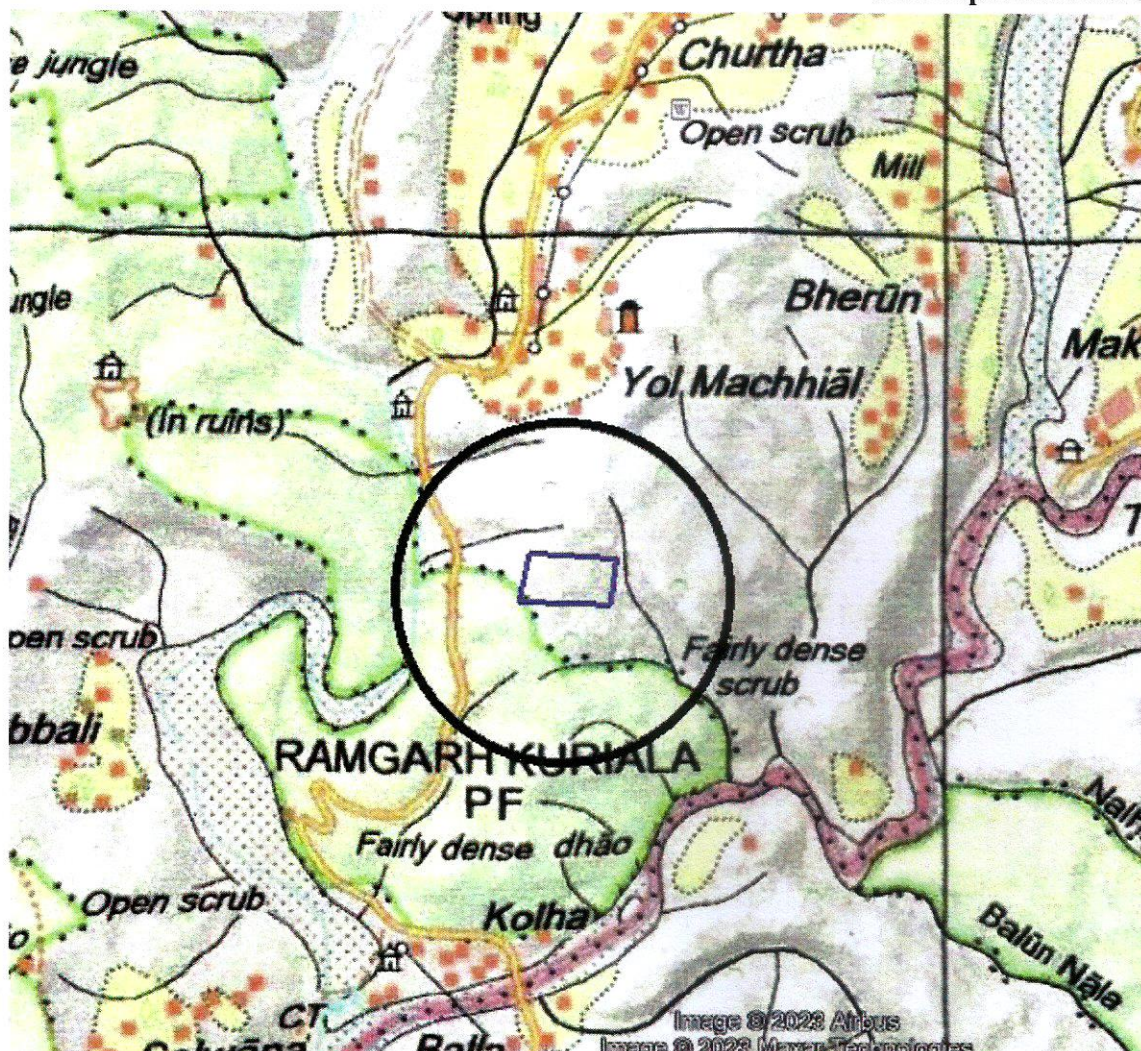
CHECK LIST SERIAL NUMBER: - 16

LOCATION MAP

Location Map of degraded forest Area identified for Compensatory Afforestation in lieu of proposal for diversion of 2.0813 ha. of forest land falling in Dharamshala and Dalhousie Forest Divisions for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

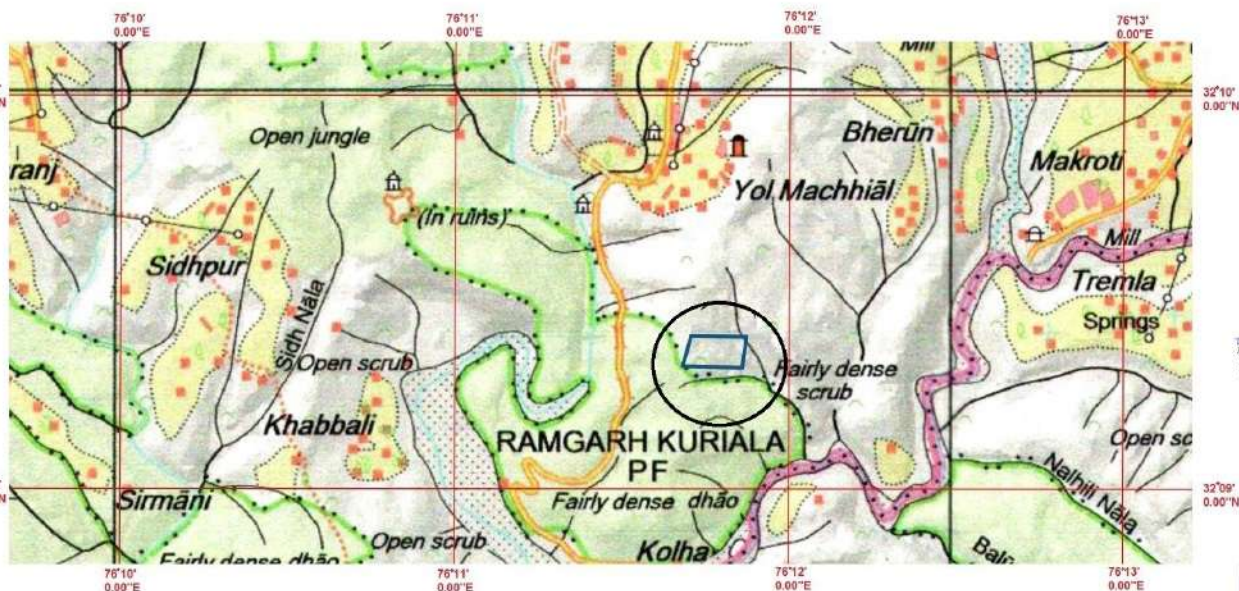
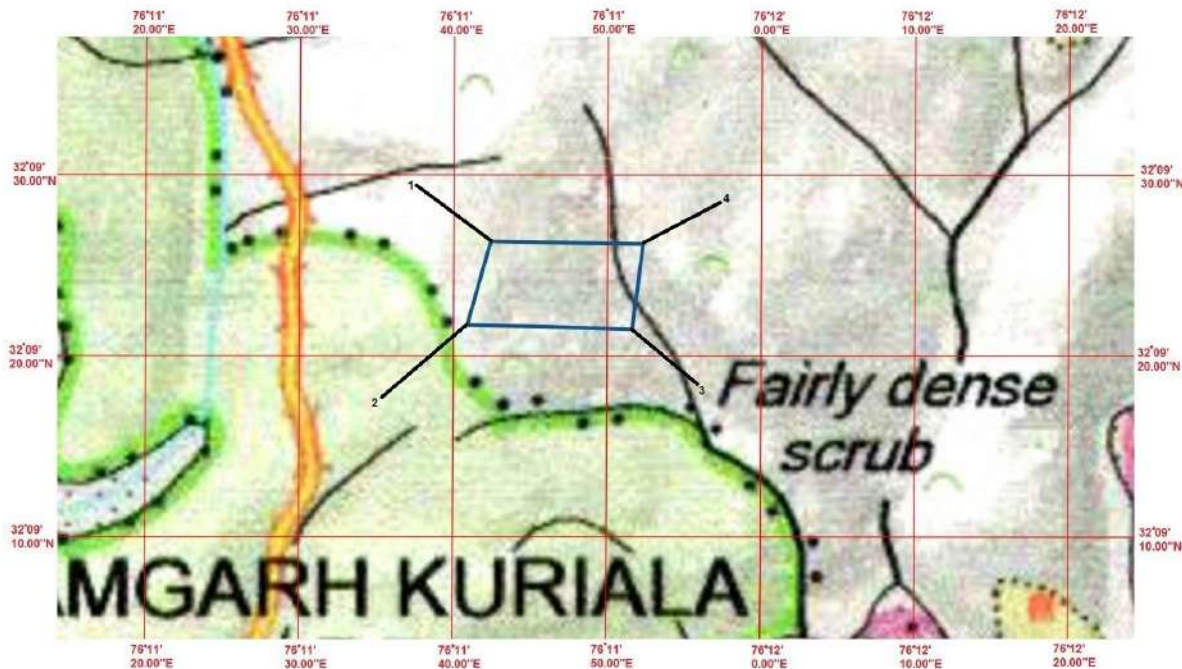
Village Nerti, Tehsil Shahpur, District Kangra, Forest Division Dharamshala, Forest Range Shahpur, block No./ Compartment No./Survey No. UP-26K Nerti C7C Total Area 4.17 Hac.

SOI Topo Sheet No. 52 D/4



◊ Area to be taken for Compensatory Afforestation.

Divisional Forest Officer
Dharamshala Forest Division
Dharamshala
Dharamshala Forest Division,
Dharamshala



SCALE: 1: 5000

[Handwritten signature]
 Divisional Forest Officer,
 Dharamshala Forest Division,
 Kangra

SCALE: 1:50000

GEO-REFERENCE MAP COMPENSATORY AFFORESTATION



Sr.No.	Northing	Easting	Remarks
1	32° 9' 26.67" N	76° 11' 42.08" E	PROPOSED LAND
2	32° 9' 21.7" N	76° 11' 40.8" E	
3	32° 9' 21.35" N	76° 11' 51.58" E	
4	32° 9' 26.08" N	76° 11' 52.37" E	

CONVENTIONAL SYMBOLS	
Express highway, with toll, with bridge, with distance stone	
Roads, metalled, according to importance	
Roads, double carriageway, according to importance	
Unmetalled road, Cart track, Path-track with pass, Foot-path	
Streams, with track in bed, underbed, Canal	
Dam, masonry or non-Bed, masonry, Wall	
Plow, dry with water channel, with island & rock, Tidal river	
Swampy, saline, Shad, Swamp, River	
Wells, lined, unlined, Tub-well, Spring, Tank, perennial dry	
Drainage, road or rail, Bank, Bridge, ground	
Railways, broad gauge, double, single with station, under construction	
Railways, other gauges, double, single with distance stone, etc.	
Mineral line or railway, Kib, Cutting with tunnel	
Towns or Villages, inhabited, deserted, Fort	
Hills, permanent, temporary, Tower, Antiquities	
Temples, Chhatra, Church, Mosque, Light, Tanka, Ganga	
Lighthouse, Lightship, Buoy, light, unlighted, Anchorage	
Mine, Vag on India, Coast, Dredge	
Forest, category, other, Plantation, Conifer, Bamboo, Other trees	
Area, cultivated, wooded, Surveyed line	
Boundary, international	
State, demarcated, undemarcated	
Control, substation, total or bulk, Point	
Boundary, other, surveyed, uncoloured	
Post-office, Telegraph office, Overhead wire	
Railway or passenger, long-distance, Great, Local, Police station	
Camping ground, Forest, reserved, protected	
Spotted, reserve, administrative, locality or trail	
Hospital, Dispensary, Veterinary, Hospital, Dispensary	
Aerodrome, Helipad, Tower, etc.	
Power line, with pylons, surveyed, with poles, unsurveyed	

COMPENSATORY AFFORESTATION

PROPOSED AREA	
NATIONAL HIGHWAY AUTHORITY OF INDIA	
S.O.I. SHEET NO. - 52 D / 4	
G/O SIHUNI TO RAJOL	

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

FILE NO. : FP/HP/Road/152261/2022

DATE OF PROPOSAL : 15.07.2022

CHECK LIST SERIAL NUMBER: - 17
"SCHEME FOR COMPENSATORY AFFORESTATION"

Detail scheme for Compensatory Afforestation to be carried out in lieu of 2.0813 ha. of forest area falling under the jurisdiction of Dharamshala Forest Division (2.0441 ha) and Dalhousie Forest Division (0.0372 Ha) to be diverted for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh.

Detail of degraded forest land :

District Kangra, Tehsil Shahpur, Division Division	Shahpur Range, Block/Comptt. No. UP-26 K- Nerti C7C	Area to be Afforested – 4.17 HA
---	--	--

1. Description of Area

a.	Whether the site selected for Compensatory Afforestation is a land bank or not	Land Bank
b.	If the CA site is other than the land bank, reasons be given	Not Applicable
c.	In case of non- forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary	Not Applicable
d.	Soil type	Sandy Loam ,
e.	Topography : a.) Hilly/Undulating /Plain b.) Slope- Steep/Medium/Gentle	Hilly Medium
f.	Whether the area is bearing any root stock of vegetation	Yes

3. Plantation Model

Copy of the approved Compensatory Afforestation Scheme/Model showing component wise physical and financial breakup to be enclosed.

4. Schedule of Plantation Programme

Detail of year wise break-up of requirements of funds is as under:-

YEAR	AREA	RATE / ha (in Rs.)	TOTAL AMOUNT
0 Year	4.17	130500	544185
1 st Year	4.17	22810	95118
2 nd Year	4.17	15240	63551
3 rd Year	4.17	7770	32401
4 th Year	4.17	7770	32401
5 th Year	4.17	7770	32401
6 th Year	4.17	7770	32401
7 th Year	4.17	7770	32401
8 th Year	4.17	7770	32401
9 th Year	4.17	7770	32401
10 th Year	4.17	7770	32401
TOTAL (Rs.)			962062
Contingency Charges 5 %			48103
TOTAL (Rs.)			1010165
Departmental Charges 17.5 %			176779
TOTAL (Rs.)			1186944
OR SAY			Rs. 11,86,944/-

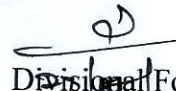
5. Technical details

Technical details of Compensatory Afforestation Scheme are as follows:-

a.	General Details	Area for Compensatory Afforestation in Forest Range Shahpur Area 4.17 Hac.
b.	Spacing	2.5 X 2.5
c.	Species	Mix Broad Leave
d.	Plantation Method	By pits 30 cm & 45 cm.
e.	Soil and Moisture Conservation Works	Check dam / Retaining walls / Vegetative check dam
f.	Protection (Fencing, Watch man, People's Participation etc.)	Fencing, Watch man, People's Participation etc. Fencing 5 Stand Barbed Wire interlacing with thorny bushes.
g.	Proposed Monitoring Mechanism	Proper inspection of the area by field staff & officers of the Department.
h.	Any other information	N.A.

Place : Dharamshala

Dated : 27-01-2023


 Divisional Forest Officer
 Dharamshala Forest Division
 Dharamshala
Divisional Forest Officer
Forest Division
Dharamshala

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

FILE No.

FP/HP/ROAD/152261/2022

Date of Proposal

15/07/2022

Scheme for Compensatory Afforestation for 2021-22 in lieu of Diversion of 2.0813 ha of forest land for Construction of above stated Project in Dharamshala & Dalhousie Forest Division in Himachal Pradesh

Area proposed for Compensatory Afforestation in Hac.

4.17

Name of the Proposed Plantation Area

UP 26K Nerti C7C

Number of Plants to be planted per hectare

1100

Total number of Plants to be planted in proposed area

4587

Species to be planted in proposed area

Mix Broad Leave

Particular of Works	Year of Execution	Unit Cost at Wage Rate Structure for 2022-23	Total	No. Plants	Cost of Plants @ Rs. 37/-	Total Amount (Rs.)
Initial Cost for raising Compensatory Afforestation over an area of 4.17 hac.	2023-24	89800	374466	1100	169719	544185
1st Year Maintenance	2024-25	10600	44202	330	50916	95118
2nd Year Maintenance	2025-26	7100	29607	220	33944	63551
3rd Year Maintenance	2026-27	3700	15429	110	16972	32401
4th Year Maintenance	2027-28	3700	15429	110	16972	32401
5th Year Maintenance	2028-29	3700	15429	110	16972	32401
6th Year Maintenance	2029-30	3700	15429	110	16972	32401
7th Year Maintenance	2030-31	3700	15429	110	16972	32401
8th Year Maintenance	2031-32	3700	15429	110	16972	32401
9th Year Maintenance	2032-33	3700	15429	110	16972	32401
10th Year Maintenance	2033-34	3700	15429	110	16972	32401
Total						962062
Contingency @ 5%						48103
Total Cost of CA Scheme						1010165
Departmental Charges @ 17.5%						176779
Grand Total						1186944

Date : 27-01-2023

Place : Dharamshala

Divisional Forest Officer
Dharamshala Forest Division
Dharamshala

Divisional Forest Officer
Forest Division
Dharamshala

Diversion of 7.2834 hac. of Forest Land for Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh

FILE NO. : FP/HP/Road/152261/2022

DATE OF PROPOSAL : 15.07.2022

CHECK LIST SERIAL NUMBER: - 18

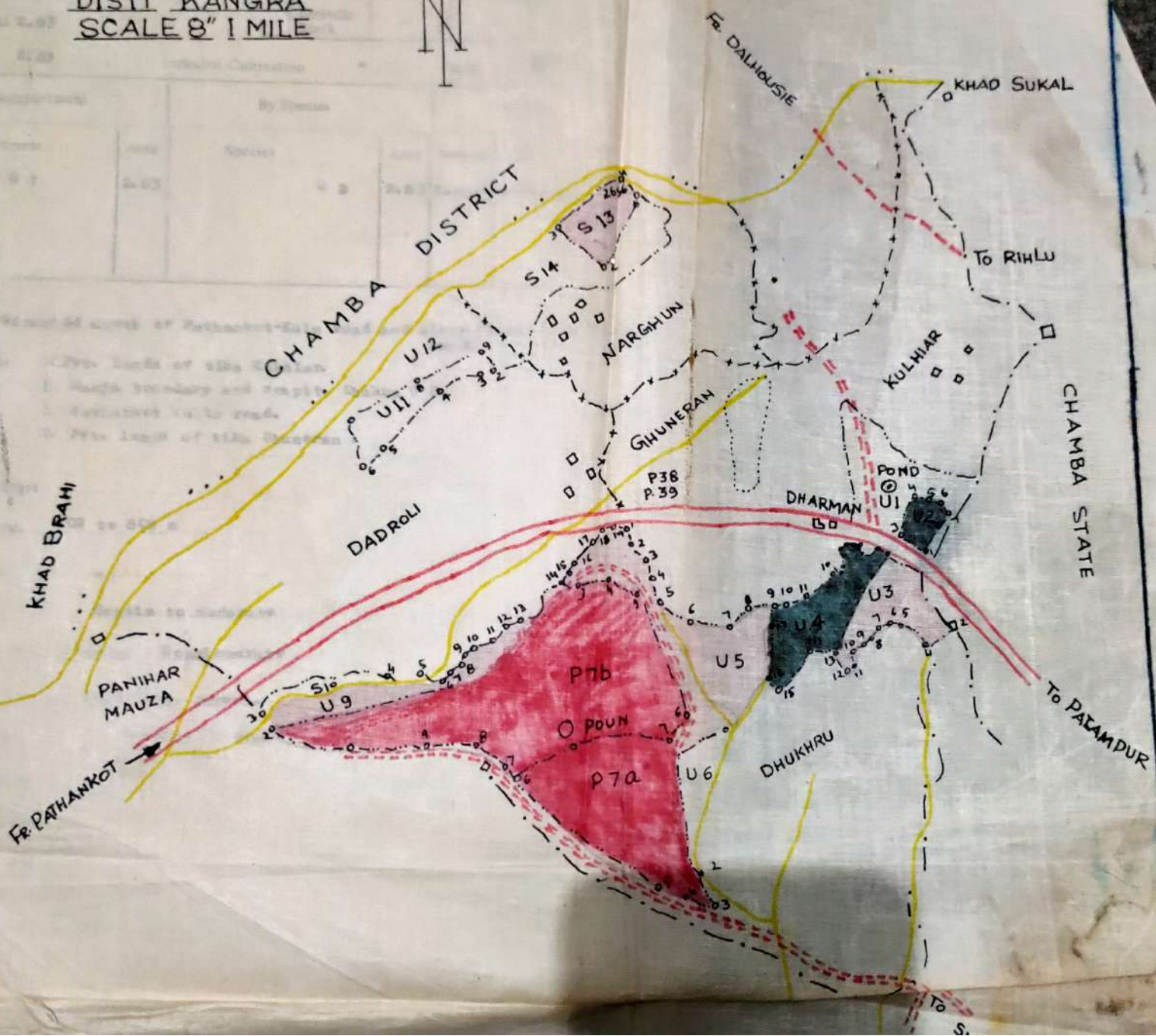
"SUITABILITY CERTIFICATE BY THE DFO"

This is to certify that Survey No. Compartment No. **UP-26K Nerti C7C**, Village Nerti in Shahpur Range, area measuring 4.17 ha. in Dharamshala Forest Division, District Kangra identified for Compensatory Afforestation in lieu of 2.0813 Ha. of forest land falling within the jurisdiction of Dharamshala and Dalhousie Forest Division, for the Rehabilitation and Upgradation to Four Lane Configuration and Strengthening of Sihuni to Rajol (Package IIA) from KM 51.00 to KM 72.00 (Design Length of 18.450 km) of NH 20 (New NH 154) of Pathankot Mandi Section in the State of Himachal Pradesh, is in a compact block and contiguous to forest area and is in close proximity of forest area. The canopy density of the area proposed for carrying Compensatory Afforestation is > 0.3 (less than 0.3) and is suitable for plantation and from the management and protection point of view and is free from all sorts encumbrances and encroachments.

Place : Dharamshala
Dated : 27-07-2023

27
Divisional Forest Officer
Dharamshala Forest Division
Dharamshala
Divisional Forest Officer
Forest Division
Dharamshala

MAP OF
MAUZA MANJGRAON
DISTT KANGRA
SCALE 8" 1 MILE



COMPARTMENT DESCRIPTION

1. Number & Name of Forest Manjraon Dadroh
2. Compartment & Sub-Compartment U 9
3. Area (ha) 2.83

Working Plan of	Malhotra N P Singh	Sushil Kumar
Working Circle	Plantation	Plantation
Felling Series	D-III	D-III
Periodic Black	-	-

Gross 2.83

Included Cultivation Nett 2.83

By compartment		By Species		By Tika		
Sub Compartment	Area	Species	Area	Mouza	Tika	Area
<u>U 9</u>	<u>2.83</u>	<u>BL</u>	<u>2.83</u>	<u>Manjraon</u>	<u>Dadroh</u>	<u>2.83</u>

4. Situation Situated at a short distance, south of Pathankot-Kullu road adjacent to habitation and north of village path.

Boundaries N. Pvt. lands of tika Baroll and comptt. Dadrol S 10
E. Comptt. Dhukru U 3
S. -do-
W. Boundary of the mauza.

5. Locality Factors

(i) Elevation 768 to 783 m.

(ii) Aspect Northern

(iii) Slope Moderate

(iv) Parent Rock & Sub Soil Conglomerate

(v) Soil: Clayey loam mixed with gravel strewn with boulders.

texture Coarse

depth Shallow

drainage Good

(vi) Humus Absent

6. Forest type

7. Growing Stock.....

The area supports dense bush growth of ban. B. attained bushy shape due to heavy pressure of grazing. The B.L. species found in the comp. include Albizzia only. The is light and comprises of Dhau and Makora

8. Enumeration Results.....

Species	V	IV	III	IIA	IIB	IA	IIB	IC	ID	Total	Tot Vo (M ²)

9. Zamidari Share

10. Past History

11. General

12. Allatment:

(i) Felling Series..... **Dharamshala Felling series III**

(ii) Working circle..... **Protection V.C.**

(iii) Periodic black.....

W. P. O. Dharamshala

COMPARTMENT DESCRIPTION

1. Number & Name of Forest Manjraon, Dadroli

2. Compartment & Sub-Compartment U 10

3. Area (ha) 0.81

Gross 0.81

Included Cultivation

Nett 0.81

Working Plan of	Malhotra	M P Singh	Sushil Kumar
Working Circle	Feul & fodder	Prot.	Prot.
Felling Series	D-III	D-III	L-III
Periodic Black	-	-	-

By compartment		By Species		By Tika		
Sub Compartment	Area	Species	Area	Mouza	Tika	Area
<u>U 10</u>	<u>0.81</u>	<u>C B</u>	<u>0.81</u>	<u>Manjraon</u>	<u>Dadroli</u>	<u>0.81</u>

Situated at a short distance south of Pathankot-Kullu road in

4. Situation the Western Part of the mauza.

Boundaries

N. Pvt. lands of tika Dadroli

E. -do-

S. Comptt. Dadroli U.S. 9 (Nullah).

W. Boundary of the mauza.

5. Locality Factors

(i) Elevation 771 to 783 m

(ii) Aspect Southern

(iii) Slope... Moderate

(iv) Parent Rock & Sub Soil... Conglomerate

(v) Soil: Shallow, loam mixed with gravel

texture Coarse

depth Shallow

drainage... Good

(vi) Humus... Absent

6. Forest type

7. Growing Stock.....

It is grassy black, used as grassing ground. Religiocosa and a few stunted badly lopped Quarcus and trees are seen amidst distantly scattered patches of De Carissa. Because of sheet erosion the top soil has been

8. Enumeration Results.....

Species	V	IV	III	IIA	IIB	IA	IIB	IC	ID	Total	T V (A)

9. Zamindari Share

10. Past History.....

11. General..... ~~Be to be repaired~~.....

12. Allatment:

(i) Felling Series..... Dharamshala Felling series III

(ii) Working circle..... Protection W.C.

(iii) Periodic black.....

W. P. O. Dharamshala

COMPARTMENT DESCRIPTION

1. Number & Name of Forest Manjraon Dadrol
2. Compartment & Sub-Compartment U 11
3. Area (ha) 2.02
- Gross 2.02 Included Cultivation - Nett 2.02

Working Plan of	Malhotra	M P Singh	Sushil Kumar
Working Circle	Fowl & Fodder	Prot.	Prot.
Felling Series	D-III	D-III	D-III
Periodic Black	-	-	-

By compartment		By Species		By Tika		
Sub Compartment	Area	Species	Area	Mouza	Tika	Area
<u>U 11</u>	<u>2.02</u>	<u>C B</u>	<u>2.02</u>	<u>Manjraon</u>	<u>Dadrol</u>	<u>2.02</u>

4. Situation Situated at a short distance north of Pathankot-Kullu road and South of Didaman khad.

Boundaries N. North comptt. Dadrol U 12
 E. Comptt. Dadrol U 12 and Pvt. lands of tika
 S. Pvt. lands of tika Dadrol
 W. -do-

5. Locality Factors
 - (i) Elevation 793 to 808 m
 - (ii) Aspect Northern
 - (iii) Slope Steep to very steep
 - (iv) Parent Rock & Sub Soil Conglomerate
 - (v) Soil : Fine to coarse
 texture shallow
 depth Excessive
 drainage Absent.
 - (vi) Humus -

6. Forest type -

7. Growing Stock.....

The area is almost blank except few trees of *Banyan*, *Bisham*, *Ficus* and *Albizzia* are noticed scattered all over the camp. Undergrowth is quite thick and comprises by *Euphorbia*, *Atum*, *Bina*, *Crotoneaster*, *Carissa* etc. Grass growth is light and consists of *Imrub* only

8. Enumeration Results.....

Species	V	IV	III	IIA	IIB	IA	IIB	IC	ID	Total	Total Vol (M ³)

9. Zamindari Share

10. Past History

11. General BPe to be repaired

12. Allatment:

(i) Felling Series Barometale Felling Series III

(ii) Working circle Protection V.C.

(iii) Periodic black

COMPARTMENT DESCRIPTION

1. Number & Name of Forest **Manjraon Dadrol**
2. Compartment & Sub-Compartment **U 12**
3. Area (ha) **2.83**
- Gross **2.83** Included Cultivation **-** Nett **2.83**

Working Plan of	Palhotra	M P Singh	Sushil Kumar
Working Circle	Pmt.	Prot.	Prot.
Felling Series	D-III	D-III	D-III
Periodic Black	-	-	-

By compartment		By Species		By Tika		
Sub Compartment	Area	Species	Area	Mouza	Tika	Area
U 12	2.83	C B	2.83	Manjraon	Dadrol	2.83

Situated south east of Didaman khad and in north western part of mauza.

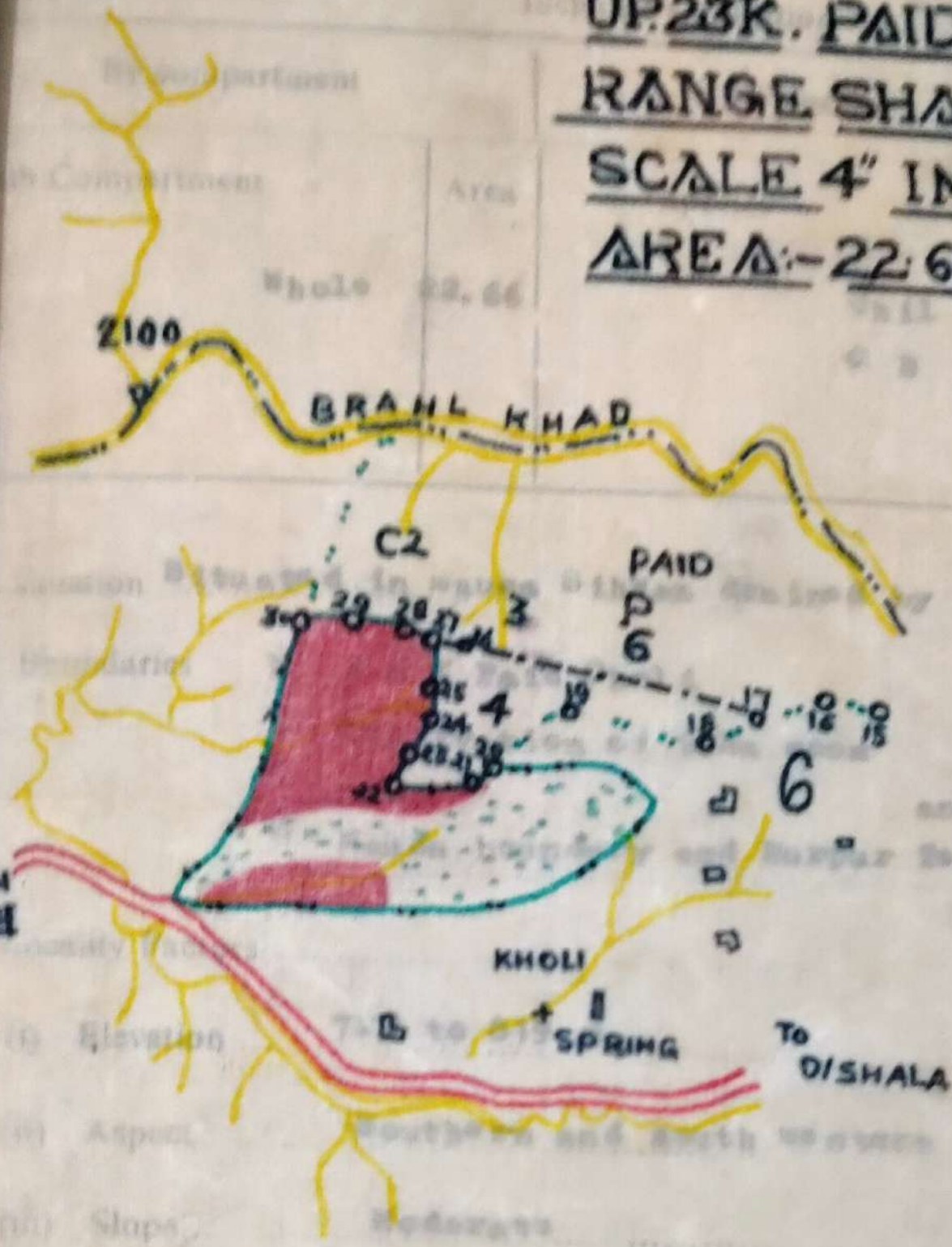
4. Situation

Boundaries N. Didaman khad.
E. Comptt. Dadrol 13 14
S. Comptt. Dadrol 1 U 11
W. Didaman khad.

5. Locality Factors

- (i) Elevation **793 to 808 m.**
- (ii) Aspect **Northern**
- (iii) Slope **Gentle**
- (iv) Parent Rock & Sub Soil **Conglomerate and sand-stone**
- (v) Soil: **Clayey loam mixed with gravel and boulders**
texture **Fine to coarse**
depth **Shallow to moderately deep**
drainage **Good**
- (vi) Humus **Absent**

STOCK MAP OF
UP.23K. PAID
RANGE SHAHPUR
SCALE 4" 1 MILE
AREA:- 22.66 HAT.



D. MAN R.O^{ve} W.P.O.

COMPARTMENT DESCRIPTION

Working Plan of	Malhotra	M P Singh	Sushil Kumar
Working Circle	C S W C	C S W C	Plantation
Felling Series	V C	D-II	D-II
Periodic Black	I	Others	-

Number & Name of Forest **UP. 23. K Paid**

Compartment & Sub-Compartment... **Whole**

Area (ha) **22.66**

Gross **22.66**

Included Cultivation

-

Nett **22.66**

By compartment		By Species		By Tika		
Sub Compartment	Area	Species	Area	Mouza	Tika	Area
Whole	22.66	Chil	0.66	Sihwan	Paid	22.66
		C B	22.00			

Situation **Situated in mauza Sihwan drained by a tributary of Darghalu khad**

Boundaries N. **P 6 K Paid Cheli**

E. **Cultivation of tika soon**

S. **-do-**

and metalled road

W. **Mauza boundary and Nurpur Tehsil.**

Locality Factors

(i) Elevation **720 to 819 m**

(ii) Aspect **Southern and south western**

(iii) Slope... **Moderate**

(iv) Parent Rock & Sub Soil... **Conglomerate**

(v) Soil : **Sandy-loam with gravels**

texture **Coarse**

depth **Moderate**

drainage **Good**

(vi) Humus **Absent**

Forest type **9/C 1 b-Upper or Himalayan chil pine for**

7. Growing Stock.....

The extreme South west portion of the comp. a patch of chil crop. Rest of the area carries few ~~large~~ ^{scattered} aged chil trees. There is a Mango groves in the northern portion comp. planted by local people. Undergrowth is scanty comprises Cassia, Elna, Carriasa etc. Grass growth is light and comprises only.

8. Enumeration Results.....

Species	V	IV	III	IIA	IIB	IA	IIB	IC	ID	Total	For V (M)

9. Zamidari Share Tika Paid Rupee 1/-

10. Past History..... See old description

11. General..... To be planted with B.L. species

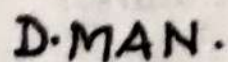
12. Allatment:

(i) Felling Series..... -

(ii) Working circle..... Plantation W.C.

(iii) Periodic black..... -

AREA:- $C1 = 16.19 \text{ Ha}$
 $C2 = 10.12 \text{ "}$
 $C4 = 8.09 \text{ "}$
 $C3 = 6.48$



R.O.

W: P.O.

COMPARTMENT DESCRIPTION

Working Plan of	Malhotra	M P Singh	Sus. Kumar
Working Circle	Plantation	Plantation	Plantation
Felling Series	V C	D-II	D-II
Periodic Black	—	—	—

Number & Name of Forest UP 24 K Sihwan

Compartment & Sub-Compartment 2

Area (ha) 10.12

Gross 10.12 Included Cultivation — Nett 10.12

By compartment

By Species

By Tika

Sub Compartment	Area	Species	Area	Mouza	Tika	Area
2	10.12	Misc BL Cul. Blank	8.50 1.62	Sihwan	Mohru	10.1

4. Situation Situated in Mauza Sihwan and tika Mohru along with PWD road Mile No. 36

Boundaries N. Cultivation of tika Mohru
E. -do-
S. PWD Metalled road.
W. Cultivation of tika Mohru

5. Locality Factors

- (i) Elevation 750 to 780 m
- (ii) Aspect Southern and South Eastern
- (iii) Slope Moderately steep
- (iv) Parent Rock & Sub Soil Conglomerate
- (v) Soil :
- texture Coarse
- depth Shallow
- drainage Good to excessive
- (vi) Humus Absent

6. Forest type 5 B C 2/Northern Dry mixed deciduous forests

7. Growing Stock.....

The comptt. contains mixed forest of chil and species. B.L. species found in the comptt. include Khair, Cassia, Mallotus, Sembal, Shisham etc. The Mango trees planted by local people in a scattered manner practically comptt. The overall density varies from 0.4 to 0.5. The moderate, Dodonaea, Carissa, Basuti, Murraya, Ipomoea, Grass growth of Lambae, Dhoulu and Makora is light. About planted during 1990-91 with species like Khair, Shisham has shown partial success.

8. Enumeration Results.....

Species	V	IV	III	IIA	IIB	IA	IIB	IC	ID	Total

9. Zamindari Share Tika Mohru Rupee 1/-

10. Past History..... Nil

11. General..... Nil

12. Allatment:

(i) Felling Series..... II

(ii) Working circle..... Plantation

(iii) Periodic black..... -

COMPARTMENT DESCRIPTION

Number & Name of Forest UP 24 K Sihwan

Compartment & Sub-Compartment G 4

Area (ha) 8.09

Gross 8.09 Included Cultivation - Nett 8.09

Working Plan of	Mallotus	M P Singh	Sushil Kumar
Working Circle	Plantation	Plantation	Plantation
Felling Series	V C	D-II	D-II
Periodic Black	-	-	-

By compartment		By Species		By Tika		
Compartment	Area	Species	Area	Mouza	Tika	Area
4	8.09	Cul Blank	8.09	Sihwan	Chattruh	8.09

Situation Situated in mauza Sihwan and tika Chattruh

Boundaries N. Cultivation
E. -do-
S. UP area
W. -do-

Locality Factors

(i) Elevation 750 to 800 m

(ii) Aspect Various

(iii) Slope Steep to very steep

(iv) Parent Rock & Sub Soil Sand-stone

(v) Soil Sandy-loam

texture Coarse

depth Shallow

drainage Excessive

(vi) Humus Absent

6. Forest type 10/ G 1 / DS I-Dodona's Scrubs

7. Growing Stock.....

The area carries scattered B.L. trees like, Shisham, Khair, Kangu, Kainth, Eucalyptus, etc. On the extreme western end of the exemptt. a patch of chil crop is noticed in pole stage. Undergrowth moderate and comprises of Carissa, Elma, Murraya, Ipomea, Congress Basuti etc. Grass growth is poor and consists of Dhoulu and Dhruh.

8. Enumeration Results.....

Species	V	IV	III	IIA	IIB	IA	IIB	IC	ID	Total	Total Vol (M ³)

9. Zamindari Share Tika Chatruh rupee 1/-

10. Past History..... Nil

11. General..... Area to be planted with Shisham khair and other B.L.

12. Allatment:

(i) Felling Series..... II

(ii) Working circle..... Plantation

(iii) Periodic black..... -

COMPARTMENT DESCRIPTION

Working Plan of	Malhotra	MP Singh	Sushil Kumar
Working Circle	Protection	Protection	Protection
Felling Series	V C	D-II	D-II
Periodic Black	—	—	—

1. Number & Name of Forest U.P. 26... K. Nerti...

2. Compartment & Sub-Compartment C 7a, 7b, 7c

3. Area (ha) 235.08

Gross 235.08

Included Cultivation 2.43

Nett 232.65

By compartment		By Species		By Tika		
Sub Compartment	Area	Species	Area	Mouza	Tika	Area
7a	135.95	B.L. Chil & khair	57.60 72.92	Nerti	Nerti khas	
		C.B.	3.00		Bharun	
7b	8.50	E.C.	2.43		Chakban	
		B.L.	4.50		Kuriala	Charathl
7c	90.63	C.B.	4.00		Bharun	
		Chil and khair	72.62		C Kuriala	
		C.B.	18.00			

4. Situation Situated in mauza Nerti and drained by Gaj khad and Chambi

Boundaries N.Pvt. land of tika Chorth and Nerti khad.
E. Chambi khad.

S. Pvt. land and Gaj khad

W. Pvt. land of tika Yol and P 11 k Hamgarh Kurial

5. Locality Factors

(i) Elevation 647 to 791 m

(ii) Aspect North Western and South eastern

(iii) Slope Moderate to precipitous

(iv) Parent Rock & Sub Soil Conglomerates

(v) Soil: Gravelly loam

texture Coarse

depth Shallow to moderately deep

drainage Adequate

(vi) Humus Absent

6. Forest type

7 a:- This comp. consists of chil crop of young stage mixed with khair different age classes and same other B.L. species. The density varies between .6 to .7. Pure patches of khair and dalbergia are also met with at places, which are surrounded by chil. The western corner of the comp. contains pure patches of young stage khair. In south western portion the area over 4.5 ha. had been planted up with khair and chil during 198 shows approximately 45 to 60% survival. The south eastern part of the comp. along the Chambi khad has been planted up with khair and Shishar over 5 ha. area during 1999-2000. Rest of the area in this corner is blank. A few middle to mature stage mangifera, Ficus, Bombex etc. are also met among the B.L. species. The bush growth is scanty and carries badly by Carissa, Flacurtia, Zizyphus, Pyrus, Phoenix etc. Ageratum has invaded area. Parthenium is also noticed near the nallah. Grass is almost absent.

7 b:- Leaving aside about half portion in the North of the comp. (4 ha) which is blank and hardly carries a few Ficus & Mangifera etc. and a few bushes of Pyrus, Carissa and Xylocarpus etc. the rest of the portion consists of open to very open khair of young stage with density .2. Bush-growth is scanty and carries Carissa, Pyrus, Flacurtia etc. Grass growth is absent.

7 c :- While going from PWD road side towards Bhauden the area upto the ridge is almost blank except few distantly scattered B.L. species. The area from this path upto the Gaj khad i.e. towards southern side is having young to mid age chil trees except on the ridges which contain sapling to young aged. Khair tree (Density .4 to .5). The area above this comp. forming almost eastern aspect upto the ridge i.e. forming about 18-20 ha. is also having of same

8. Enumeration Results..... origin as that of the area going towards Gaj Khad. The area in the north forming strip with village Yol contains young to middle aged khair having

Species	V	IV	III	IIA	IIB	IA	IIB	IC	ID	Total	Total Vol (M ³)
density .5 to .6. Apart from these three section the remaining blank. The B.L. species met with in the comp. are Ficus, Xylocarpus, Lannaea, Mangifera etc. Bush-growth is scanty and consists of Carissa, Euphorbia, Dodonaea, Ageratum, Adhatoda. Grass growth is poor.											

9. Zamindari Share As. per C 1 a

10. Past History..... See old description

11. General..... Pres.:- Light pruning to be carried out in the crop C 7a and C 7 c.

12. Allatment:

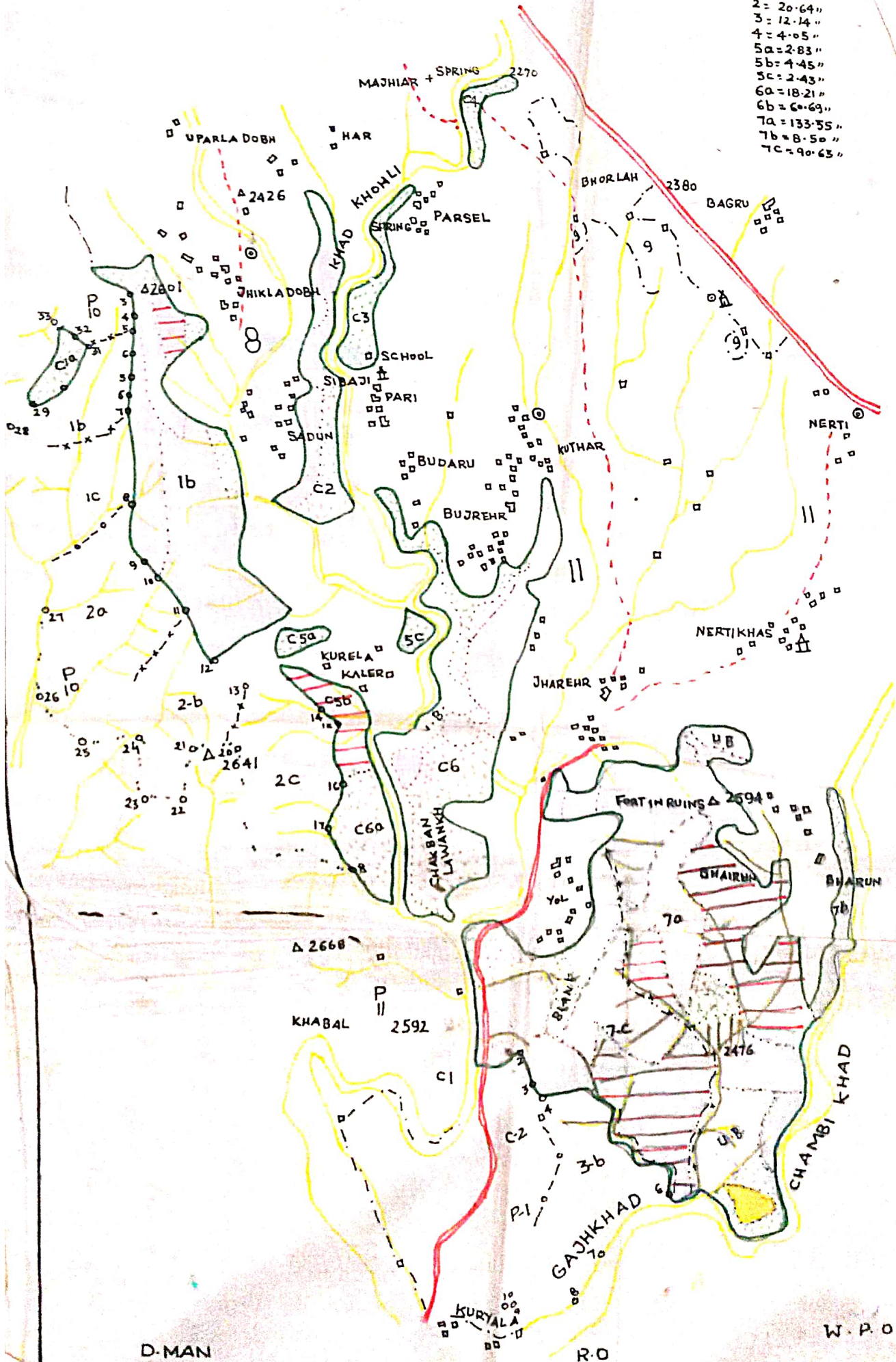
(i) Felling Series..... Dharamshala F.S. II

(ii) Working circle..... C 7a and 7 b- Protection W.C.
C 7 c - Plantation W.C.

(iii) Periodic black.....

STOCK MAP OF
UP26K NERTI
RANGE SHAHPUR
SCALE 4" 1 MILE
AREA:-

10 = 4.86 Hec.
1b = 66.36 "
2 = 20.64 "
3 = 12.14 "
4 = 4.05 "
5a = 2.83 "
5b = 4.45 "
5c = 2.43 "
6a = 18.21 "
6b = 6.69 "
7a = 133.55 "
7b = 8.50 "
7c = 90.63 "



D.MAN

R.O

W.P.O