

Acknowledgement Slip

This is to certify that hard copy of the proposal seeking prior approval of Central Government under the Forest (Conservation) Act 1980, as per details given below, along with all necessary enclosures has been received in the Office of the Himachal Pradesh on 29/11/2014.

1. Proposal No. : FP/HP/HYD/8255/2014
2. Proposal Name : Thana Plaun Hydro-Electric Project (191MW)
3. Category of the Proposal : Hydel
4. Date of Submission : 29/11/2014

5. Name of the User Agency with Contact Details

Name : Parmod
Mobile No. : 8988113115
State : Himachal Pradesh
District : Hamirpur(Himachal Pradesh)
Pincode : 176110

6. Area Applied (ha.) : 406.79

Jim
Divisional Forest Officer
J. Nagar Forest Division
ADONDER NAGAR (H.P.)

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Received
29/11/2014

3 hrs
General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

CHECK -LIST

DOCUMENTS/INFORMATION REQUIRED FOR PROPOSAL FOR DIVERSION OF FOREST LAND FOR NON FORESTRY USE UNDER FOREST (CONSERVATION) ACT, 1980 FOR STAGE-I APPROVALS

#	Name of the Document(s)	Provided or Not	If not Provided Why?	Page Number
I	Documents/Information Required for All Proposals			
1	Check-list of the project proposal	YES		2-5
2	Main application form part-I to V as prescribed in the Rules under the Forest (Conservation) Act, 1980 (FCA) with all its columns duly filled up and signed by the competent authority with date, place and official seal. All the information in Part-I of Form-A including item-wise break up of the forest area required must be given in the form itself by expanding the columns with complete address, email date, Place and seal. If (available)	YES		6-16
3	Detailed note on the project for which diversion proposed. It must include the information regarding the number of villages and number of persons to be benefited from the project including employment generation.	YES		17-28
4	Map of the project site/Forest area demanded clearly showing forest boundaries and adjoining areas with their land use in distinct colors in 1:50000 or any suitable scale on original Survey of India topo sheet. If the area is very small, in addition to above, an index map may be submitted showing forest boundaries and a location map on a larger scale with land use of the area required duly signed by DFO/CF concerned. Forest and non-forest areas to be shown in distinct colors.	YES		29-30
5	Layout plan of the project site. In case of linear diversions of forest land. Linear map or a diagrammatic map of the project site should be enclosed.	YES		31-33
6	Statement showing the details of Forest area involved i.e. Survey No./Coupe No./Compartment No. etc. and item-wise break up of Forest area proposed for diversion duly signed by DFO (in the prescribed format).	YES		34-131
7	Statement showing the details of non-forest area involved in the proposal (in the prescribed format).	YES		132-133
8	Certificate from the Collector/Deputy Commissioner that no alternative suitable non-forest land is available for the project in question except in cases where the project is not proposed on the forest land and only right of way (ROW) is required.	YES		134-138
9	Justification for locating the project in forest area to be submitted by the User Agency and countersigned by DFO.	YES		139-140
10	Certificate for minimum use of forest land to be submitted by the user agency, giving details of the area and trees involved	YES		141-145
	In the alternatives examined. And reasons for their rejection duly countersigned by DFO (in the prescribed format).	YES		
11	Undertaking by the User Agency to bear the cost of compensatory afforestation duly countersigned by the DFO (in the prescribed format).	YES		146-147
12	Undertaking by the User Agency to pay the Net Present Value (NPV) of the forest land involved duly countersigned by DFO (in the prescribed format).	YES		148-152
13	A certificate from the competent authority in the State that all the forest rights under the Forest Rights Act, 2006 have been settled in respect of the forest area proposed for diversion, wherever applicable.	YES		153-154
14	Species wise and girth class wise enumeration list and abstract of trees (abstract to be given at the end of the list) standing on the forest area in question neatly typed or computerized and duly signed by the DFO. Wherever possible, English and botanical names of the vegetation should be mentioned.	YES		155-230

15	Site inspection report of the forest area involved in the project proposal by the DFO concerned or higher level forest officer (in the prescribed format). However if the area involved is more than five ha or number of trees marked for felling is 200 or more, it should be inspected by the CF.	YES		231-233 233(A)
16	Details of non-Forest land. Degraded forest area identified for compensatory afforestation viz. Survey No./ Compartment No./Khasra No./Khatoni No., Village, Tehsil, District, etc., along with map in appropriate scale showing the boundaries of adjoining forest areas with their use in distinct colors (in the prescribed format).	YES		234-315
17	Detailed scheme for compensatory afforestation on identified non-forest area/ degraded forest area at prevalent wage rates duly signed by the DFO and counter signed by the CF concerned. The CA scheme must include all the technical details, details of work schedule, total financial outlay and proposed monitoring mechanism (in the prescribed format).	YES		316-412
18	Certificate from the DFO. That non-forest land/ forest land selected for compensatory afforestation is in a compact block and contiguous to forest area or is in close proximity of forest area and suitable raising plantation and from the management and protection point of view, and is free from all sorts of encumbrances and encroachments (in the prescribed format).	YES		413-450
19	In case of violation of the provisions of the FCA, 1980 or any other Forest Act, a detailed report on the violation to be submitted (in the prescribed format)	YES		451-451
20	Certificate from the Chief Secretary regarding non-forest land in the state for raising compensatory afforestation, wherever applicable.	YES	Certificate from District Collector	452-453
21	Approval of the proposal for which diversion of forest land is proposed by the competent authority of the concerned organizations.	YES		454-455
22	In case of proposal which requires entry/exit through Protected Forest strips along roads/railway lines/canals, the following information/documents must be given: a) No objection Certificate (NOC) of the land owning agency i.e. NHAI/PWD, Railways or Canal/ Irrigation Department b) No Objection Certificate (NOC) in-principle approval for Change of Land Use from the Town and Country Planning/ local body any other competent authority.	NA		
II	Documents/Information Required for Proposals for Roads, Railway Lines, Canals and Transmission Lines			
23	The following information/documents must be given: a) Length and width of road/railway line/ canals/ transmission line passing through forest and non- forest area. b) In case of expansion of the already existing road/railway line/canal, linear plan clearly showing in distinct colors the already existing width of the proposed road/ railway line/canal to be expanded and the remaining width of the protect forest strip which would be left after expansion. c) In case of transmission line, the following details may also be given: i) Number of towers to be erected both in forest and non-forest area. ii) Width of the right of way for transmission line.	NA		
III	Documents/Information Required for Proposals for Hydro Electric Projects			
24	The following information/document must be given:			456-487
	a) Component-wise Total Area Requirement.	Yes		457-458
	b) Copy of Memorandum of Association	Yes		459-470
	c) Authorization to the applicant by Project the Authority. (Old)	Yes		471
	d) Copy of Techno-economic clearance	Yes		472

	e) Copy of Allotment Letter	Yes	473-474
	f) NOC from Irrigation and Public Health Departments	Yes	475
	g) NOC from Fisheries Department	Yes	476-477
	h) NOC from HPPWD, Jogindernagar	Yes	478
	i) NOC from HPPWD, Mandi	Yes	479
	j) Defence Clearance	Yes	480-482
	k) NOC from HPSEBL	Yes	483
	l) NOC from State Geologist, Mining Department	Yes	484
	m) Transmission Plan from HPTCL	Yes	485-487
IV	Documents/Information Required for Proposals for Mining		
25	The following information /documents must be given: their existing mining leases in the State with their capacity of Production. The present level of average annual production location of these pits and the status of reclamation of forest land that are exhausted of minerals: a) Complete details of existing/proposed leases in that particular forest area with their present status should be indicated on the Survey of India Topo- sheet in appropriate scale. b) The State Government shall forward complete proposal to the MOEF at least six months prior to the expiry of the existing lease. In case of any delay, a details report elaborate the cause of delay shall be forwarded along with the proposal. c) A resolution of Gram Panchayat /Local Body of the area endorsing the proposal that the project is in the interest of the people living in and around the proposed Forest land.	NA	
V	Documents/Information Required for Proposals for Retails outlets of Oil Companies		
26	The following information/documents must be given: a) Copy of the letter of intent issued by the oil Company. b) Site selection certificate as per Govt. of India guidelines. The DFO should certify the distance between two retail outlets on either side of the outlet in question Layout plan showing dimensions of proposed approach road for entry and exit with clear area calculations. c) The area calculations for the curves should invariably be given in the layout plan d) NOC from NHAI/PWD/Urban or local Body e) NOC from Town and Country Planning/local body.	NA	
1	New Proposals a) Certificate from the competent authority like District Mining Officer/Geologist, regarding non-availability of the same mineral/ore in a nearby non-forest are. b) Complete details of existing or proposed leases in that particular forest area with their present status should be indicated on survey of India Topo- sheet in appropriate scale. c) Estimated reserve of each mineral/ore in the forest area and non-forest area d) Total area demanded and extent of forest area involved in the proposed mining lease shown in distinct colors on relevant maps. e) Proposed period of mining lease f) Minimum distance of the proposed site from a Wildlife Sanctuary or a National Park g) A copy of the mining plan duly approved by the State Mining Department enclosed h) Phased reclamation plan of the project area i) Copy of lease deed/agreement entered into with the district authorities j) The details of the Safety zone area for mining as per para 4.7 of the guidelines. An undertaking from project authority to bear the cost of fencing of safety zone area and afforestation over one and a	NA	

	half times of degraded forest area. The details of safety zone to be ascertained by the competent authority viz. Indian Bureau of Mines/ Deptt. Of Geology and Mining of the state Government.			
	II) In case of Renewal of Mining Lease			
	a) A brief profile of the lessee/ company should be submitted giving details of			
	b) Certificate by the User Agency to the effect that no High Tension line is passing above the proposed site duly countersigned by the DFO			
	c) A Certificate by the User Agency to the effect that no LP Gas godown is located near the proposed site, duly countersigned by DFO			
27	Status of clearance under the Environment (Protection) Act, 1986. Wherever it is required a copy of the same/ an undertaking (along with a copy of the application) that the User Agency has applied for environment clearance.	YES	Minutes of EAC, MOEF& CC, GOI	488-493
28	NOC of the State Pollution Control Board for establishment of the project, wherever required.	NO	After grant of EC	
29	For the proposals involving diversion of forest land where construction of buildings is proposed, the built-up area and raw materials to be used should be clearly mentioned.	NA		
30	Detailed scheme for rehabilitation of the project affected persons, wherever required.	YES		494-516
31	Detailed Catchment Area Treatment Plan, wherever required. The CAT Plan should be prepared on the basis of actual survey of area and its classification in various categories requiring different engineering. Afforestation and other treatments in a phased manner.	YES		517-518
32	Detailed Reclamation Plan, wherever required. It should be realistic, exhaustive and complete in all respects along with relevant maps in distinct colors. It should also include the details of back fillings, afforestation and execution of such works, wherever required.	YES	as approved from EAC, MoEF& CC	519-570
33	Costs benefit analysis as per the guidelines issued under Forest (Conservation) Act, 1980 in prescribed format, wherever required.	YES		571-574
34	Any other information/documents attached. Please specify.			575-
	I) Joint Inspection Reports	YES		576-579
	II) Quarry Management Plan as approved from EAC, MoEF&CC	YES		581-678
	III) NOC from Gram Panchayats	YES		679-703
	IV) Revenue Papers	YES		704-1011
	✓ Aerial Dispace from WTL Sanchay Area	Yes	(Prob. 500)	

Date :- 28.11.2019

Place :- KOTLI


General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)


Divisional Forest Officer,
Office seal Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)


Divisional Forest Officer
Forest Division Mandi (H.P.)

Countersigned by:-


Conservator of Forest
Mandi Forest Division
Officer seal

6

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH,2014

CHECK LIST SERIAL NUMBER: -2

**(MAIN APPLICATION FORM FROM PART-I TO V AS PRESCRIBED IN THE
RULES UNDER THE FOREST (CONSERVATION) ACT, 1980 (FCA))**

- Form A :
- Part-II:
- Part-III:
- Part-IV:
- Part-V:

Full Title of the Project: **Thana Plaun (191MW) Hydroelectric Project**
 Proposal No. : **FP/HP/HYD/8255 /2014**
 Date of Proposal: **November 29th, 2014**

CHECKLIST No. 2

FORM-"A"

Form for seeking prior approval under section 2 of the proposals by the State Government and other authorities

S.No.		Project details:	Authorities												
1. (i)	Short narrative of the proposal and project/scheme for which the forest land is required.	Himachal Pradesh Power Corporation Ltd. (HPPCL), a State Govt. Undertaking has been incorporated with the objective to plan, promote and organize the development of all aspect of hydroelectric power on behalf of Himachal Pradesh Government (Govt of HP) and Himachal Pradesh Electricity Board Ltd (HPSEBL) in Himachal Pradesh. Total 21 Hydro Electric Project (HEPs) have been allotted to HPPCL and Thana Plaun (191 MW) HEP in River Beas basin of H.P. is one of the projects which has been taken up by HPPCL for implementation. Thana Plaun Hydro-electric Project (191 MW) is conceived as storage cum run-of-river scheme. The project envisages the construction of 85 m high concrete gravity dam above river bed level across river Beas basin in the Mandi district of Himachal Pradesh. The proposed Thana Plaun Hydro-electric Project located in Mandi District of Himachal Pradesh, lies between Longitude 76° 15' to 77° 45' East and Latitude 35° 45' to 32° 30' North.													
(ii)	Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map.	Refer Checklist No. 4.													
(iii)	Cost of the project:	The construction cost of the project estimated to be Rs. 2223.59 crores (Price level November, 2016) <table><tr><td>i) Civil works incl. Hydro-mechanical works</td><td>1222.08 crores</td></tr><tr><td>ii) Electro-mechanical works</td><td>302.77 crores</td></tr><tr><td>Total basic cost incl. direct & indirect charges</td><td>1547.72 crores</td></tr><tr><td>iii) Initial spare part i.e. 1.5% of original Project cost</td><td>22.87 crores</td></tr><tr><td>iv) Escalation during construction</td><td>272.06 crores</td></tr><tr><td>v) Financing charges and IDC</td><td>403.81 crores</td></tr></table>	i) Civil works incl. Hydro-mechanical works	1222.08 crores	ii) Electro-mechanical works	302.77 crores	Total basic cost incl. direct & indirect charges	1547.72 crores	iii) Initial spare part i.e. 1.5% of original Project cost	22.87 crores	iv) Escalation during construction	272.06 crores	v) Financing charges and IDC	403.81 crores	
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ii) Electro-mechanical works	302.77 crores														
Total basic cost incl. direct & indirect charges	1547.72 crores														
iii) Initial spare part i.e. 1.5% of original Project cost	22.87 crores														
iv) Escalation during construction	272.06 crores														
v) Financing charges and IDC	403.81 crores														
(iv)	Justification for locating the project in forest area.	With the state of Himachal Pradesh having about 65 % of its total geographical area classified as forestland, no project of this magnitude can be constructed without involvement of forestland. The project has been studied in detail while conducting the investigation to weigh and decide on the technical details and in the process various alternatives have been considered, analyzed/scrutinized with the option of locating them on either of the banks of Beas from not only technical point of view but also from the angle of causing least damage to environment besides using least forest area. Consequent to this exercise, alignment along left bank has been found best suited as the components of the project intercept less forestland as compared to all other available feasible options. Various options considered have been depicted on a map enclosed as Checklist No. 10 on Page No.													
(v)	Cost-benefit analysis (to be enclosed).	Refer Checklist No. 33.													
(vi)	Employment likely to be generated.	Direct employment of 1200 persons (for period of three years), during construction phase Direct employment of 200 persons (for a period of 50 years), during Pre and Post construction phase.													

In addition, the project would generate indirect employment in both construction and operations phases like tourism, fishery, small industry, retail business and distantly located industries supplied with power from the project.

2 Purpose-wise break-up of the total land required:

Sr.No.	Component	Jogindernagar Forest Division			Mandi Forest Division			Total Forest Land in Hectares		
		Open	U/G	Pvt. Forest land kism jungle jhari	Open	U/G	Pvt. Forest land kism jungle jhari	Open	U/G	Pvt. Forest land kism jungle jhari
1	Dam & requisite associated Job facilities	0.4854	0	0	2.583	0	0	3.0685	0	0
2	Coffer Dam & requisite associated Job facilities	0.0809	0	0	0.080	0	0	0.1618	0	0
3	Plunge Pool w/c D/s of Coffer Dam	0.1618	0	0	0.161	0	0	0.3236	0	0
4	Pot Head Yard, Cable Tunnel & requisite associated	0.1294	0	0	0	0	0	0.1294	0	0
5	Magazine	0.2124	0	0	0	0	0	0.2124	0	0
6	Road / Job facility	27.395	0	0	3.583	0	0	30.879	0	0
7	Dumping Sites	10.349	0	0	0	0	0	10.349	0	0
8	Quarry Sites	45.942	0	0	0	0	0	45.942	0	0
9	Submergence	80.826	0	0	227.273	0	1.3375	308.09	0	01.3375
10	Diversion Tunnel & requisite associated Job facilities	0	0	0	0	01.213	0	0	1.2136	
11	Intake & requisite associated Job facilities	0	0.161	0	0	0	0	0	0.1618	0
12	HRT & requisite associated Job facilities	0	1.106	0	0	0	0	0	1.1068	0
13	MAT & requisite associated Job facilities	0	1.051	0	0	0	0	0	1.0518	0
14	Power House & requisite associated Job facilities	0	0.323	0	0	0	0	0	0.3236	0
15	Pressure Shaft/ Penstock	0	0.242	0	0	0	0	0	0.2427	0
16	Transformer Cavern w/c draft tube & escape tunnel, cable Tunnel & requisite associated Job facilities	0	1.618	0	0	0	0	0	1.6181	0
17	Tail Race Tunnel & requisite associated Job facilities	0	0.161	0	0	0	0	0	0.1618	0
18	Adit & requisite associated Job facilities	0	0.408	0	0	0	0	0	0.4086	0
	Total	165.48	5.975	0	233.68	01.213	1.3375	399.16	6.2808	1.3375
	Grand Total	170.558			236.2336			406.7916		

3 Details of displacement of people due to the project, if any:

Project components do not involve any displacement of an individual or a family.

1 Number of families.

8 Nos. families will have their houses submerged. However, the said families have additional land in the vicinity. The same shall be covered

ii	Number of Scheduled Castes/Scheduled Tribe families	01 no. family will have its house submerged. However, the said family has additional land in the vicinity. The same shall be covered under R&R Plan of HPPCL.
iii	Rehabilitation plan. (to be enclosed)	Refer Checklist No. 30.
4	Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No).	Refer Checklist No. 27.
5	Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone, etc. as per the scheme prepared by the State Government (undertaking to be enclosed).	Refer Checklist No. 11.
	Details of Certificates/documents enclosed as required under the instructions.	1. Map showing location of the project (including roads etc) on 1:50,000 scale (Checklist No. 4).
		2. Justification: Alternative sites considered/examined and reasons for their rejection (Checklist No. 10).
		3. CB analysis (Checklist No. 33).
		4. Component-wise land requirement of the project and its current land use. (Checklist No. 6).
		5. EAC recommendation from MoEF&CC, GOI (Checklist No. 27).
		6. Undertaking to bear the cost of Compensatory Afforestation (CA), (Checklist No. 11).
		7. Revenue papers of the land involved

Date 20.12.19
Place Kotli

(Signature of 
General Manager
Office seal TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi Forest Division Distt. Mandi H.P.

File No:- FP/HP/HYD/8255/2014
Date of Proposal:- 29.11.2014

PART-II

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

7.	Location of the project/scheme	
(i)	State/Union Territory	Himachal Pradesh
(ii)	District	Mandi
(iii)	Forest Division	Mandi
(iv)	Area of forest land proposed for diversion (in ha.)	236.24 Ha.
(v)	Legal Status of forest	DPF,UPF & Unclassified Forest
(vi)	Density of vegetation	0.29
(vii)	Species-wise (Scientific names) and diameter class-wise enumeration of trees (to be enclosed). In case of irrigation/hydel projects enumerated at FRL, FRL-2 meter also be enclosed).	Attached at page no.155-164
(viii)	Brief on vulnerability of the forest area to erosion	Not vulnerable to soil erosion.
(ix)	Approximate distance of proposed site for diversion from boundary of forest.	0.5 kma.
(x)	Whether forms part of National Park, wild life 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.
(xi)	Whether any rare/endangered/unique species of flora and fauna found in the area- if so details thereof.	No.
(xii)	Whether any protected archaeological/heritage site/defense 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
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 had 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.	Enclosed
ii)	Map showing non-forest/degraded forest area identified for the compensatory afforestation and adjoining forest boundaries.	Enclosed at page No.251-256 & 275-312
iii)	Detail compensatory afforestation, scheme including, species to be planted, implementing agency, time schedule, cost structure etc.	Enclosed at page No.336-341, 370-403 & 406-409
iv)	Total financial outlay for compensatory afforestation scheme.	Enclosed at page No.316
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).	Attached at page No.419-20, 422, 427-445.
11.	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col.7 (xi, xii), 8 & 9.	Enclosed at page no.232
12. Division/District profile:-		
i)	Geographical area of the Division (Mandi).	85110.05 Ha
ii)	Forest area of the Division (Mandi).	33663 Ha
iii)	Total forest area diverted since 1980 with number of cases.	375.2546 ha in 68 cases
iv)	Total compensatory afforestation stipulated in the district/division since 1980 on (a) forest land including penal compensatory afforestation.	562.0034 ha
	(b) Non -forest land	-
v)	Progress of compensatory afforestation as on date 31.3.2017 on	533.968 ha
	(a) Forest land	533.968 ha
	(b) Non -forest land.	-
13.	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.	Proposal is in large public interest involving minimum possible trees standing on the said land hence recommended for granting approval under FCA/1980.

Place:-Mandi

Date:-20.12.2019

(S.S. Kashyap) HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.
Official Seal

12

Full Title of the Project:: Diversion of 406.79 ha. forest land (170.55 ha. J/Nagar and 236.24 ha. Mandi Forest Division) in favor of HP Power Cor. Ltd. for the construction of Thana Plaun (191 MW) within Joginder Nagar and Mandi Forest Division, Distt. Mandi, HP.

PART-II

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

State Serial No. of Proposal. EP/HP/HYD/8255/2014

S.NO	FORM -'A'	PART-II
7.	Location of the Project/scheme	
	(i) State/Union Territory	H.P.
	(ii) District	MANDI
	(iii) Forest Division	JOGINDR NAGAR
	(iv) Area of Forest land proposed for diversion (in hac.)	170.55 Hac.
	(v) Legal status of the forest.	DPF/UPF and Unclassified forest
	(vi) Density of vegetation.	0.26 (Forest cover is in between 10-40%)
	(vii) Species-wise (Scientific names) and diameter class-wise enumeration of tress to be enclosed. In case of irrigation/ hydel projects, enumeration at FRL, FRL-2 meter and FRL-4 meter also to be enclosed.	Attached Page- 177-192.
	(viii) Brief note on vulnerability of the forest area to erosion.	Not vulnerable to soil erosion.
	(ix) Approximate the distance of proposed site for diversion from the boundary of forests.	0.5 KM
	(x) Whether forms part of a nation 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
	(xi) Whether any rare/endangered/unique species of flora and fauna found in the area-if so details thereof.	No
	(xii) 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
8	Whether the requirement of forest land as proposed by the user agency in col. 2 of part-1 is unavoidable and barest minimum for the project, if no, recommended area item-wise with detail of alternatives examined.	Yes
9.	Whether any work in violation of various Forest Acts has been carried out (Yes? No). If yes, details of the same including period of work done, action taken against the erring officials. Whether work done in violation is still in progress.	No

10.	Details of compensatory afforestation scheme:	As per scheme attached (P- 317)
	(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.	Enclosed (P- 242-243)
	(ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.	Enclosed (P-242-243)
	(iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.	Enclosed (P-317)
	(iv) Total financial outlay for compensatory afforestation scheme.	Enclosed. (Rs. 775.34788 Lakh)
	(v) Certificate from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned italics Deputy Conservator of Forests.	Enclosed (P- 413)
11	Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi ,xii), 8 and 9 above.	Enclosed (P- 232)
12	Division/ District profile:	
	(i) Geographical area of the division.	66639.51 Hec.
	(ii) Forest area of the division.	25775.87 Hec.
	(iii) Total Forest area diverted since 1980 with number of cases.	114.8423 Hec 53 cases
	(iv) Total compensatory afforestation stipulated in the district/ division since 1980 on	
	(a) Forest land including penal compensatory afforestation.	242.3748 Hac.
	(b) Non Forest land.	---
	(v) Progress of compensatory afforestation as on (date) on 30-10-2019.	239.0014 Hac.
	(a) Forest land.	239.0014 Hac.
	(b) Non-Forest land.	---
13	Specific recommendations of the DCF for acceptance or otherwise of the proposal with reason.	This is a development project and the project has been planned in such a way that minimum number of trees and forest land has been involved in c/o said project. This project will be of a great importance to the state and its people in terms of generation of electric energy, revenue and employment therein, hence recommended for approval.

Date 27/10/2019

Place: Joginder Nagar.

Divisional Forest Officer,
Forest Division, Joginder Nagar,
Distt. Mandi, HP

Full Title of the Project: Thana Plaun (191MW) Hydroelectric Project
 Proposal No. : FP/HP/HYD/8255 /2014
 Date of Proposal: November 29th, 2014

PART-III

(To be filled by the concerned Conservator of Forests)

S.No.		
14	Whether site, where the forest land involved is located has been inspected by concerned Conservator of Forests (Yes/No). If yes, the date of inspection & observations made in form of inspection note to be enclosed.	Yes, on 15-10-2020
15	Whether the concerned Conservator of Forests agree with the information given in Part-B and the recommendations of Deputy Conservator of Forests.	I do agree
16	Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons	Recommended for approval under FCA, 1980

Signature

Chief Conservator Name: Forests (1)
 Forest Officer
 Official Seal

Date:- 16.10.2020

Place:- Manda

Full Title of the Project: Thana Plaun (191MW) Hydroelectric Project
 Proposal No. : FP/HP/HYD/8255 /2014
 Date of Proposal: November 29th, 2014

PART-IV

(To be filled in by the Nodal Officer or Principal Chief Conservator of Forests or Head of Forest department)

S.No.		
17	Detailed opinion and specific recommendation of the State Forest Department for acceptance of otherwise of the proposal with remarks.	Recommended

(While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon).

Signature *Pieul* 24/03/2024
 Name & Designation *Rajesh J EKKa*
 Official Seal *Conservator of Forests (FCA)*
HP

Date:- _____

Place:- _____

shumla

Full Title of the Project: Thana Plaun (191MW) Hydroelectric Project
 Proposal No. : FP/HP/HYD/8255 /2014
 Date of Proposal: November 29th, 2014

PART-V

(To be filled in by the Secretary in charge of Forest Department or by any other authorized officer of the State Government not below the rank of an Under Secretary)

S.No.		
18	Recommendation of the State Government:	Recommended
(Adverse comments made by any officer or authority in Part-B or Part-C or Part-D above should be specifically commented upon)		

Signature

Name & Designation

Of Additional Chief Secretary (Forest) to
Govt. of Himachal Pradesh

Date:- 06/07/2021
 Place:- Shimla

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH,2014

CHECK LIST SERIAL NUMBER: -3

(DETAILED NOTE ON THE PROJECT FOR WHICH DIVERSION PROPOSED)



Full Title of the Project: Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi, H.P.

Proposal No.: FP/HP/HYD/8255/2014

Date of Proposal: November 29th, 2014

CHECK LIST SERIAL NUMBER: - 3 **DETAILED NOTE ON THE PROJECT**

Thana Plaun Hydro-electric Project (191MW) is conceived as storage cum run-of-the-river scheme. The project envisages the construction of concrete gravity dam across river Beas 85m. high above river bed level in the Mandi District of Himachal Pradesh, with a live storage capacity of 44.93 MCM to enhance the peaking benefits during the lean months.

The proposed Thana Plaun Hydro-electric Project located in Mandi District of Himachal Pradesh intercepts an area of 7378 sq km and lies between Longitude 76°15'E to 77°45'E and Latitude 31°45'N to 32°30'N. The entire catchment comprises mountainous terrain with steep hill slopes and is very thinly populated. The daily observed discharge data at the Beas River downstream of Pandoh Dam are available for January '1980 to December 2011. The dam site is located at Longitude: 76°50'20.53" (E) and Latitude: 31°49'28.22" (N). The proposed layout has a dam toe type of arrangement. Therefore the complete project including the dam site and the underground powerhouse location are presently accessible from the Jogindernagar-Neri-Dharampur highway through existing gun - metalled approach roads constructed by PWD.

The project site is approachable from Joginder Nagar in Distt Mandi and the distance of Dam site and Power house site is around 33 km and 35 km respectively and from Sujampur-Tihra via Sujampur- Sandhol - Dharampur Jogindernagar road Power House is 66 km and dam site is at 111 km via Mandi- Jogindernagar road.

Land required for this proposed Project falls in 22 nos. Panchayat's comprising 53 nos. Muhals with approximately 709 nos. of Main Project Affected Families and the same shall be benefited from the project by generation of employment and other sources.

Total land requirement of the proposed project is tabulated below:

Type of Land	Area in ha.
Forest Land	406.79
Private Land	32.86
Total	439.65 ha

Total length of reservoir becomes 16.5 km. along-with river Beas, 4.5 km along-with Rana Khad and 1.5 km along-with Arnodi khad from Dam site. The area under submergence is 341.38 ha. There are 5 no. of Quarry sites having area 45.94 ha and 2 no. of Dumping sites having area 10.35 ha.

The project layout comprises of a very short water conductor system on the right bank leading to an underground power house cavity located just downstream of the toe of the dam. Thana Plaun



Himachal Pradesh Power Corporation Limited
(A State Government Undertaking)

Office of General Manager
Triveni Mahadev (78 MW) & Thana Plaun HEP (191 MW),
Kotli, Distt. Mandi-175003
Tel. No. 01905-281081, Email: - gmtphnppcl@gmail.com

Hydro-electric Project is conceived as storage cum run-of-the-river scheme on the Beas River with a live storage capacity of 44.93 MCM to enhance the peaking benefits during the lean months. The live storage capacity is proposed to be created up by constructing a 106.70 m high (from deepest foundation level) and 221.250m long Concrete Gravity Dam near village Thana. The head works are located approximately 40 km downstream of Pandoh Dam in Mandi district of Himachal Pradesh State, about 1 km downstream of Kunkatar bridge. The design discharge is diverted through power intakes to 2 nos. of headrace tunnels leading to an underground power house through steel lined pressure shafts which are bifurcated near the power house. The power house cavity comprises of 3 nos. of main units of 50.33 MW each and 2 nos. of environmental units of 20 MW each with a total installed capacity of 191MW. The water coming out of the turbines is discharged back into the Beas River through 2 nos. of short tail race tunnels. The normal tail water level at the power house location is EL. 634.00m with a gross head of 75.67m. The annual energy generation will be 668.07 GWh in 90% dependable year at 95% machine availability.

Utilization of the water available for power generation during a 90% and 50% dependable years are divided into (i) mandatory environmental flows to be released from the environmental units accommodated in the main power house itself and (ii) the balance to be utilized at the main power house. The diverted flows for power generation would be the assessed water available minus the environmental flows to be released from the Environmental units. The environmental releases are proposed to be utilized for power generation through 2 nos. of environmental units located in the Main underground Power house.

Salient features of the project are as follows:


General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

Date: 14.11.2019
Place: Kotli

THANA PLAUN H.E. PROJECT (191 MW)
DISTRICT MANDI, HIMACHAL PRADESH
SALIENT FEATURES

LOCATION	
State	Himachal Pradesh
District	Mandi
River	Beas River
Location of Dam	Latitude: 31°49'28.22" (N) Longitude: 76°50'20.53" (E)
Nearest Rail head	Narrow Gauge Rail Link at Jogindernagar and Broad Gauge Rail Link is at Pathankot
Nearest Airport	Gaggal in district Kangra
HYDROLOGY	
River Basin	Beas
Catchment area at Dam Site	7378 sq.km
Average Discharge at dam site	107.60 cumec
Annual Runoff	5416 MCM
Standard Project Flood	10,530 cumecs
Probable Maximum Flood	16,150 cumecs
Average Annual Rainfall	1642 mm
RESERVOIR	
Maximum water level (MWL)	718.75 m
Full reservoir level (FRL)	716.00 m
Minimum draw down level (MDDL)	697.00 m
Gross storage at FRL	78.56 MCM
Live storage	44.93 MCM
Dead Storage + Sediment Storage + Inactive Storage	33.63 MCM

Area under Submergence at FRL	316.77 Ha.
DIVERSION TUNNEL	
Shape	1 No. D-shape on Left Bank
Diameter	11.0 m
Length	453.503 m
Lining Thickness	300mm (upto Springing Level)
Invert Elevation	635.50m Inlet, 631.0m Outlet
Diversion discharge (1 in 25 Years)	951 cumecs
COFFER DAM	
Type	Colcrete (U/S) Rockfill (D/S)
Max. Height (Upstream)	16.00 m high
Crest Elevation (Upstream)	651.00 m
Length (Upstream)	65 m
Max. Height (Downstream)	8.0m high
Crest Elevation (Downstream)	639.00 m
Length (Downstream)	42 m
DIVERSION DAM	
Type	Roller Compacted Concrete Dam (RCC)
Dam Top	719.00 m
Max. Height of dam above Foundation Level	106.70 m
River Bed Level	634.00 m
Deepest Foundation Level	612.23 m
Total length of dam at top	225.93 m
MAIN SPILLWAY (SLUICES)	
Design flood	15,640 cumecs (Routed Flood)

Type	Breast Wall Sluice Spillway
Length of spillway	85.00 m
Number of bays	5 Nos. Undersluices
Crest level of spillway	670.0 m
Spillway gates	11 m (W) x 15.2 m (H)
Bucket Invert Level and Radius	650.0 m with 35 m Radius
Energy dissipation type	Ski Jump Bucket
AUXILIARY SPILLWAY	
No. of bays	1
Width of bay	4 m
Size of gate	4.00m (W) x 4.70m (H)
Design flood	37.20 cumecs
Crest level of spillway	713.00 m
Energy dissipation type	Stilling Basin
Features	Cistern Level 653.50m and 44m Length
INTAKE	
Type	Reservoir Intake
Shape	Bell mouth
Maximum Design Discharge	Intake-1 – 143.78cumec Intake-2 - 160.503 cumec (Each considering 5% overload discharge)
Invert level	684.00 m
Number of Reservoir Intakes	2
Intake gate size	Intake 1- 6.30 m(W) x 6.30 m (H) Intake 2 - 7.30 m(W) x 7.30 m (H)
Trash rack in each intake	Intake -1 - 5.0m (W) x 11.52m (H); 3 openings Intake -2 - 5.0m (W) x 13.17m (H); 3 openings.
Intake Structure Height	35.0 m

HEAD RACE TUNNEL	
Shape	Horse Shoe
Diameter	HRT-1 - 6.30 m HRT-2 - 7.30 m
Length	HRT-1 - 108.17 m HRT-2 - 146.89 m
Design discharge	HRT-1 - 136.93 cumecs HRT-2 - 152.86 cumecs
PENSTOCK/PRESSURE SHAFT	
Type	Underground
Number	Pressure Shaft-1: 5.7 m dia. bifurcating into 2.65 m and 5.00 m dia. which further bifurcates into two branch penstocks of 4.25 m and 2.65 m Dia. Pressure Shaft-2: 6.0 m dia. bifurcating into two branch penstocks of 4.25 m Dia. each
Diameter	Pressure Shaft-1: 5.7m, 4.25 m and 5.00m and 2.65m Pressure Shaft-2: 6.0 m and 4.25 m
Length upto Bifurcation of main pressure shafts	Pressure Shaft-1 :92m Pressure Shaft-2: 127 m
Grade of Steel	ASTM-537 Class II
Liner Thickness	Pressure Shaft-1: Varies from 16mm to 32 mm Pressure Shaft-2: Varies from 26mm to 34 mm
POWER HOUSE	
Type	Underground with Drainage Galleries
Installed Capacity	191 MW
Units	5 (3 x 50.33+2 x20.00)
Power house cavern size	145.0m (L) x 21.0 m (W) x 41.50 m (H)
Transformer Hall cavern size	127.0m (L) x 19.0 m (W) x 28.0 m (H)
C.L. of turbine	629.50 m

Type of Turbine	Vertical Francis
Design Discharge	
a) Main units	229.29 cumecs
b) Environmental Units	60.50 cumecs
Rated Head	
a) Main units	72.97 m
b) Environmental Units	73.17 m
Normal TWL	
a) Monsoon	634.00 m
b) Lean	632.70 m
c) Non-Monsoon	
i. During Peaking hours	633.30 m
ii. During Non-Peaking hours	631.70 m
Minimum TWL	631.50 m
Annual Design Energy (50% dependable year)	
a) Main units	547.58 GWh
b) Environmental Units	151.51 GWh
Annual Energy in 50% dependable year on 95% machine availability	
a) Main units	534.53 GWh
b) Environmental Units	146.35 GWh
Annual Design Energy (90% dependable year)	
a) Main units	544.07 GWh
b) Environmental Units	148.54 GWh
Annual energy in 90% dependable year on 95% machine availability	
a) Main units	524.91 GWh
b) Environmental Units	143.16 GWh

Annual Plant Load Factor in 90% Dependable year	
a) Main Units	41.13%
b) Environmental Units	42.39%
Annual Plant Load Factor in 50% Dependable year	
a) Main Units	41.40%
b) Environmental Units	43.24%
TAIL RACE ARRANGEMENT	
Type	Pressure Flow Tunnels
Size & Shape	TRT-7 - 7.80 m dia. D shape TRT-8 - 8.50 m dia. D shape
Lengths	TRT-7 - 27.50 m TRT-8 - 69.50 m
Normal TWL at outlet	
a) Monsoon	634.00 m
b) Lean	632.70 m
c) Non-Monsoon	
i. During Peaking hours	633.30 m
ii. During Non-Peaking hours	631.70 m
COST ESTIMATES & FINANCIAL ASPECT (Rs. Crores)	
Civil Works including Hydro-Mechanical Works	1222.08
Electro Mechanical Works	302.77
Initial Spare Parts	22.87
Total Basic Cost (Hard Cost)	1547.72
Interest during construction (excluding financing cost)	389.32
Escalation	272.06
Financing Charges	14.49

Total Project Cost including Escalation and IDC	2223.59
LEVELLED TARIFF AT 90% DEP. YRS. (in Rs./KWhr)	
After considering 12% free power & 1% for local area development (levelised)	6.83
LEVELLED TARIFF AT 50% DEP. YRS. (in Rs./KWhr)	
After considering 12% free power & 1% for local area development (levelised)	6.70
Period of Construction (excluding 18 months preconstruction activities)	58 months


 General Manager
 TM & TP HEPs HPPCL
 Kotli, Distt. Mandi (H.P.)

FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT

PROPOSAL NO.: FP/HP/HYD/8255 /2014

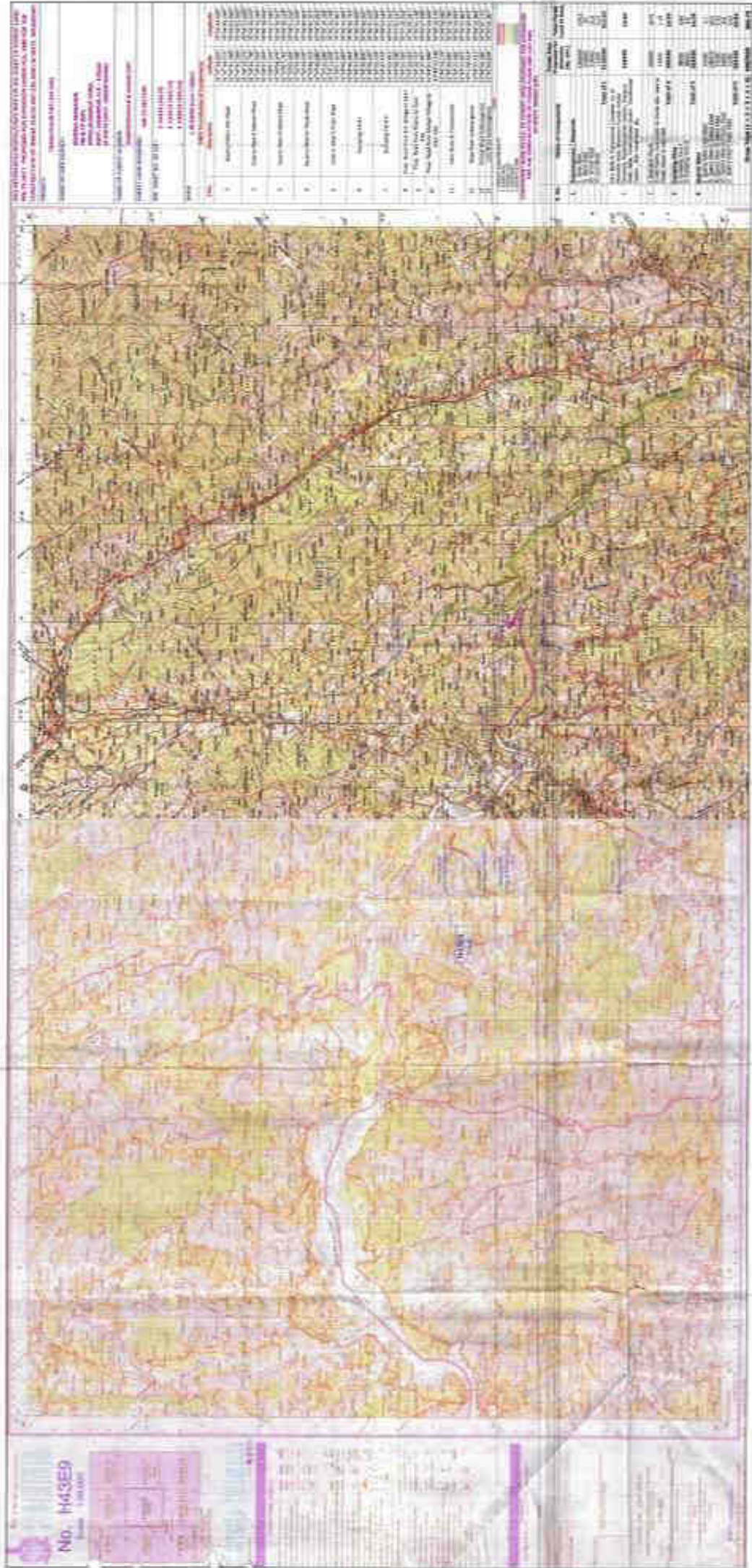
DATE OF PROPOSAL: NOVEMBER 29TH, 2014

CHECK LIST SERIAL NUMBER: -4

**(MAP OF THE PROJECT SITE/FOREST AREA DEMANDED CLEARLY
SHOWING FOREST BOUNDARIES AND ADJOINING AREAS WITH THEIR
LAND USE IN DISTINCT COLOURS IN 1:50000 OR ANY SUITABLE SCALE
ON ORIGINAL SURVEY OF INDIA TOPO SHEET)**

- SOI Topo Sheet in 1:50000 scale:
- DGPS/ Geo Referenced Map:

2004-01-01



2004-01-01

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH,2014

CHECK LIST SERIAL NUMBER: -5

(LAYOUT PLAN OF THE PROJECT)

MAP SHOWING FOREST LAND 406.79 HECT. PROPOSED FOR DIVERSION UNDER F.A. 1980
FOR THE CONST. OF THAMA PLAUN (191 MW) IN DISTT. MANDI (HP)



Padhar

Dedhal

Dharampur

1. APPROACH ROAD/ACCESS FACILITY SITE (19.94 Hect.)
2. QUARRY SITE (45.94 Hect.)
3. DUMPING SITE (10.35 Hect.)
4. SUB-GRANITE AREA (23.02 Hect.)
5. TAILING W/COMP. AREA (16.64 Hect.)

Ropru, Himachal Pradesh, India



**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH, 2014

CHECK LIST SERIAL NUMBER: -6

**(STATEMENT SHOWING THE DETAILS OF FOREST AREA INVOLVED AND
ITEM WISE BREAK UP OF FOREST AREA PROPOSED FOR DIVERSION)**

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

GENERAL ABSTRACT

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohan		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
1	Mandi	Mandi	Siaglor/Kotli/Mahan	Diversion Tunnel & requisite associated Job facilities		Mahan	2/2 min	15	0	0	1.2136	D.P.F	
2	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Intake & requisite associated Job facilities	Ropru		532/505/1 min	2	0	0	0.1618	U.P.F	
3	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		532/505/1 min	3	0	0	0.2427	U.P.F	
4	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		532/505/2	4	18	7	0.3979	U.P.F	
5	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		498/1 min	3	0	0	0.2427	U.P.F	
6	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		530/500/2 min	1	0	0	0.0809	Pasture	
7	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		530/500/1	1	15	5	0.1426	Pasture	
8	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	MAT & requisite associated Job facilities	Ropru		530/500/2 min	2	0	0	0.1618	Pasture	
9	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagar	MAT & requisite associated Job facilities	Nagar		1178/1 min	11	0	0	0.8900	D.P.F	
10	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Power House & requisite associated Job facilities	Ropru		530/500/2 min	4	0	0	0.3236	Pasture	
11	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Pressure Shaft/Penstock	Ropru		530/500/2 min	3	0	0	0.2427	Pasture	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehul		Khara No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigla	Blawa	Biwani	11	12	13
								8	9	10			
				Transformer Cavern i/c draft tube & escape tunnel, cable Tunnel & requisite associated Job facilities	Nagan		1178/1 min	20	0	0	1.6181	D.P.F	
				Tail Race Tunnel & requisite associated Job facilities	Nagan		1178/1 min	2	0	0	0.1618	D.P.F	
				Adit & requisite associated Job facilities	Nagan		1178/1 min	5	1	0	0.4086	D.P.F	
				Dam & requisite associated Job facilities	Ropra		532/505/1 min	4	0	0	0.3236	U.P.F	
				Dam & requisite associated Job facilities	Ropra		504 min	2	0	0	0.1618	Gair Mumkin Darya	
				Dam & requisite associated Job facilities	Mahan		02/03 min	9	15	15	0.7919	D.P.F	
				Dam & requisite associated Job facilities	Mahan		02/02 min	20	2	16	1.6294	D.P.F	
				Dam & requisite associated Job facilities	Mahan		01 min	2	0	0	0.1618	Gair Mumkin Darya	
				Coffer Dam U/S & requisite associated Job facilities	Mahan		01 min	1	0	0	0.0809	Gair Mumkin Darya	
				Coffer Dam U/S & requisite associated Job facilities	Ropra		504 min	1	0	0	0.0809	Gair Mumkin Darya	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal	Khasra No.	Area of forest land			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank	Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	13
22	Mandi	Mandi	Siagloo/Kotli/Mahan	Plunge Pool i/c D/S Coffor Dam		Mahan	1 min	2	0	0	0.1618	Gair Mumkin Dariya
23	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Plunge Pool i/c D/S Coffor Dam	Ropru		504 min	2	0	0	0.1618	Gair Mumkin Dariya
24	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Pot head Yard, Cable Tunnel & requisite associated Job facilities	Ropru		498/1 min	1	12	0	0.1294	U.P.F.
25	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba- Ra- Ghara	Magazine	Amba- Ra- Ghara		343/330/2	2	12	10	0.2124	D.P.F.
26	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		499	11	1	5	0.8950	Rutta Sarkar
27	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		498/1 min	2	7	9	0.1919	U.P.F.
28	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		498/02	2	11	18	0.2100	U.P.F.
29	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		532/505/1 min	2	0	0	0.1618	U.P.F.
30	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		530/500/2 min	37	12	19	3.0459	Pasture
31	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1178/1 min	5	0	0	0.4045	D.P.F.
32	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1174/1	0	2	5	0.0091	Gair Mumkin Nali
33	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1175/1	40	17	8	3.3066	D.P.F.
34	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1176/1	1	13	10	0.1355	Gair Mumkin Nalloh
35	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1177/1	85	12	8	6.9272	D.P.F.
36	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba- Ra- Ghara	Road/Job facility	Amba ra Ghara		343/330/1	25	15	2	2.0837	D.P.F.
37	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba- Ra- Ghara	Road/Job facility	Amba ra Ghara		343/330/3	4	3	14	0.3386	D.P.F.
38	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba- Ra- Ghara	Road/Job facility	Amba ra Ghara		333/1	0	2	5	0.0091	D.P.F.
39	Mandi	J/Nagar	J/Nagar/J. Nagar/Thamehad	Road/Job facility	Thamehad		1984/1744/1	6	18	16	0.5615	D.P.F.

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal	Khasra No.	Area of forest land				Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks		
	1	2	3	4	5	Right bank	Left bank	6	7	8	9	10	11	12	13
39	Mandi	J/Nagar	J/Nagar/J. Nagar/Jhamehad	Road/Job facility	Jhamehad	1985/1744/1			9	5	17	0.7518	D.P.F		Do
40	Mandi	J/Nagar	J/Nagar/J. Nagar/Jhamehad	Road/Job facility	Jhamehad	1941/1			7	12	14	0.6177	D.P.F		Do
41	Mandi	J/Nagar	J/Nagar/J. Nagar/Jhamehad	Road/Job facility	Jhamehad	672/1			0	1	15	0.0071	Gair Mumkin Nali		Do
42	Mandi	J/Nagar	J/Nagar/J. Nagar/Jhamehad	Road/Job facility	Jhamehad	1541/1			12	13	9	1.0253	D.P.F		Kanda Parton to Dam site
43	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	341/1			0	1	15	0.0071	Gair Mumkin Nali		Do
44	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	2/2 min			10	15	0	0.8697	D.P.F		Mahan to Dam site
45	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	2/5			4	18	8	0.3981	D.P.F		Do
46	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	2/6			17	5	7	1.3970	D.P.F		Do
47	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	2/7			5	11	9	0.4508	D.P.F		Do
48	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	919/1			4	6	4	0.3487	U.P.F		Do
49	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	919/2			0	6	7	0.0257	U.P.F		Do
50	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	919/3			1	3	2	0.0934	U.P.F		Do
51	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	3/1			81	13	2	6.5064	D.P.F		Mahan to Dam site
52	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	3129/3103/1			11	7	0	0.9183	D.P.F		
53	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	3131/3091/1			27	5	17	2.2081	D.P.F		
54	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	3133/3097/1			79	17	15	6.4634	D.P.F		
55	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	3134/3097/1			0	8	1	0.0326	U.P.F		
56	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	3132/3091/1			5	16	19	0.4731	Pasture		
57	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	3179/3145/1			3	2	14	0.2536	Pasture		
58	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	1/1			18	8	11	1.4911	Gair Mumkin Khad		Thodu Nallah
59	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	1/2			42	19	18	3.4787	Gair Mumkin Khad		Thodu Nallah
60	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	5748/5595/1			18	8	11	1.4911	Gair Mumkin Khad		Thodu Nallah
61	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo	5749/5548/2			37	12	14	3.0421	Gair Mumkin Khad		Thodu Nallah
62	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo										

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6	7	8	9	10	11	12	13	
63	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Tatoli Pardana	Quarry site		Tatoli Pardana	3185	35	18	3	2.9053	Gair Mumkin Khad	Malhot Khad
64	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Tatoli Pardana	Quarry site		Tatoli Pardana	3187/1	11	16	14	0.9576	Gair Mumkin Khad	Malhot Khad
65	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Tatoli Dharmipur/Sarkaghat/ Naryangarh	Quarry site		Tatoli Naryangarh	04/1	11	16	14	0.9576	Gair Mumkin Khad	Malhot Khad
66	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Tatoli Naryangarh	Quarry site		Tatoli Naryangarh	108/1	35	18	3	2.9054	Gair Mumkin Nali	Malhot Khad
67	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Tatoli	Quarry site		Tatoli	1401	20	15	12	1.6813	Gair Mumkin Khad	Sakrai Khad
68	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Tatoli	Quarry site		Tatoli	1402	67	16	16	5.4888	Gair Mumkin Khad	Sakrai Khad
69	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Tanhed	Quarry site		Tanhed	1798	38	15	10	3.1372	Gair Mumkin Khad	Sakrai Khad
70	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Kot	Quarry site		Kot	974	67	16	16	5.4889	Gair Mumkin Khad	Sakrai Khad
71	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Balada	Quarry site		Balada	1409/222	37	6	14	3.0181	Gair Mumkin Khad	Sakrai Khad
72	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Balada	Quarry site		Balada	681	20	15	12	1.6813	Gair Mumkin Khad	Sakrai Khad
73	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Banal	Quarry site		Banal	1291	46	2	12	3.7323	Gair Mumkin Khad	Son Khad
74	Mandi	J/Nagar	Dharmipur/Sarkaghat/ Banal	Quarry site		Riyur	1	4	10	2	0.3646	Gair Mumkin Khad	Son Khad
75	Mandi	J/Nagar	J/Nagar/J. Nagar/Prain	Quarry site	Prain		2721/1	50	18	12	4.1207	Gair Mumkin Dariya	Beas River (at Prain)
76	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		504 min	4	19	17	0.4039	Gair Mumkin Dariya	
77	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		524/448	29	6	3	2.3712	Gair Mumkin Khad	
78	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		507	26	0	13	2.1062	Gair Mumkin Dariya	
79	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		527/477/1	10	10	0	0.8495	U.P.F	
80	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		527/477/2	3	4	7	0.2603	U.P.F	
81	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		514/452/1	35	17	15	2.9035	U.P.F	
82	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		466/1	6	0	0	0.4854	U.P.F	
83	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		535/6/1	49	4	18	3.9842	U.P.F	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehal		Khaura No.	Area of forest land				Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswami				
1	2	3	4	5	6		7	8	9	10	11	12	13	
84	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		532/505/1	30	9	3	2.4642	U.P.F.		
85	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		446/1	22	4	3	1.7967	Pasture		
86	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		447/1	0	6	5	0.0253	Gair Mumkin Nallah		
87	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		453/1	0	16	16	0.0680	Gair Mumkin Nallah		
88	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		467/1	0	12	4	0.0494	Gair Mumkin Nallah		
89	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		152	0	6	2	0.0247	Rutta Sarkar		
90	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		153	0	3	5	0.0131	Rutta Sarkar		
91	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		155	0	4	8	0.0178	Rutta Sarkar		
92	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		156	0	6	13	0.0269	Rutta Sarkar		
93	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		157	0	4	16	0.0194	Rutta Sarkar		
94	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		251	7	0	14	0.5692	Gair Mumkin Khad		
95	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		781	0	0	15	0.0030	Gair Mumkin Khad		
96	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		815/785	27	7	8	2.2144	Gair Mumkin Khad		
97	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		818/817/1	4	0	6	0.3248	D.P.F.		
98	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		151/1	2	11	19	0.2102	Pasture		
99	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		154	0	7	10	0.0303	Pasture		
100	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		248	0	5	8	0.0218	Pasture		
101	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		249	0	6	10	0.0263	Pasture		
102	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		250	6	9	16	0.5251	Pasture		
103	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		252	0	2	14	0.0109	Gair Mumkin Nail		
104	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		1/1	0	3	4	0.0129	Gair Mumkin Nail		
105	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		253	0	2	2	0.0085	Pasture		
106	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		262/1	4	8	10	0.3580	Pasture		
107	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		422	0	19	2	0.0773	Pasture		
108	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		423	0	16	9	0.0665	Pasture		
109	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		813/778/1	1	15	10	0.1436	Pasture		
110	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		813/778/2	4	4	2	0.3402	Pasture		
111	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		813/778/3	4	14	13	0.3829	Pasture		
112	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		306/1	0	5	0	0.0202	Gair Mumkin Nail		

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasai			
1	2	3	4	5	6	7	8	9	10	11	12	13	
113	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh	779/1	0	6	5	0.0253	Gair Mumkin Nali		
114	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh	451	0	9	6	0.0376	Pasture		
115	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh	242/1	0	1	0	0.0040	Pasture		
116	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh	418/1	0	10	0	0.0405	Gair Mumkin Nali		
117	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh	419/1	3	9	5	0.2801	Pasture		
118	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh	774/1	0	5	6	0.0214	Gair Mumkin Nali		
119	Mandi	J/Nagar	J/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh	689/649/1	0	6	8	0.0259	Gair Mumkin Nallah		
120	Mandi	J/Nagar	J/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh	691/656/1	11	13	8	0.9442	D.P.F.		
121	Mandi	J/Nagar	J/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh	658	8	6	2	0.6719	Gair Mumkin Nallah		
122	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	1042/998/1	1	19	18	0.1614	D.P.F.		
123	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	1046/1010	32	0	15	2.5920	Gair Mumkin Khad		
124	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	1001	20	5	7	1.6398	Gair Mumkin Khad		
125	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	935	0	12	14	0.0514	Dhani Dom		
126	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	939	0	14	18	0.0603	Pasture		
127	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	995	0	8	2	0.0328	Pasture		
128	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	707/1	0	14	17	0.0601	Gair Mumkin Nallah		
129	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	762/1	10	13	15	0.8647	Pasture		
130	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	763/1	0	8	10	0.0344	Pasture		
131	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	926	0	4	4	0.0170	Pasture		
132	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	937	1	3	1	0.0932	Pasture		
133	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	938/1	0	3	12	0.0146	Gair Mumkin Nallah		
134	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	1043/998/1	0	7	3	0.0293	Pasture		
135	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	1037/1026/1	4	18	2	0.3968	Pasture		
136	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	11/1	0	2	12	0.0105	Gair Mumkin Nali		
137	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	689/1	2	16	1	0.2267	Pasture		
138	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	925/1	11	1	9	0.8958	Pasture		
139	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	1030/683/1	12	2	3	0.9796	Pasture		
140	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar	923/1	0	6	4	0.0251	Pasture		

Sr. No.	District	Forest Division	Range/Tesil/Village	Component of project	Mohal	Khasra No.	Area of forest land				Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
1	2	3	4	5	Right bank Left bank	6	7	Bigha	Biswa	Biswani	11	12	13
								8	9	10			
141	Mandi	J/Nagar	J/Nagar/J. Nagar/Bharnera	Submergence Area	Bharnera		380/1	14	18	10	1.2075	Gair Mumkin Khad	
142	Mandi	J/Nagar	J/Nagar/J. Nagar/Bharnera	Submergence Area	Bharnera		592/1	0	2	12	0.0105	Gair Mumkin Nali	
143	Mandi	J/Nagar	J/Nagar/J. Nagar/Bharnera	Submergence Area	Bharnera		611/602/1	11	8	6	0.9235	Pasture	
144	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnogi	Submergence Area			347/1	8	9	0	0.6837	U.P.F.	
145	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnogi	Submergence Area			350/1	13	12	6	1.1015	Gair Mumkin khad	
146	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnogi	Submergence Area			351	32	11	4	2.6343	Gair Mumkin khad	
147	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnogi	Submergence Area			407/400/1	15	2	0	1.2217	U.P.F.	
148	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnogi	Submergence Area			351/1/1	20	3	1	1.6305	Pasture	
149	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnogi	Submergence Area			335/1	0	12	7	0.0500	Pasture	
150	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnogi	Submergence Area			336/1	0	2	12	0.0105	Pasture	
151	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnogi	Submergence Area			352/1	0	5	0	0.0202	Gair Mumkin Barnodi	
152	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			232/1	26	10	0	2.1440	U.P.F.	
153	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			562	7	0	10	0.5684	Gair Mumkin khad	
154	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			301	8	4	19	0.6673	Gair Mumkin khad	
155	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			577/233	20	8	12	1.6529	Gair Mumkin khad	
156	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			564/232/1/1	5	5	0	0.4248	D.P.F.	
157	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			237/1	1	19	8	0.1594	Ruta Sarkar	
158	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			277/1	2	4	16	0.1812	Ruta Sarkar	
159	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			302/1	2	13	2	0.2148	Ruta Sarkar	
160	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			520/1	1	19	13	0.1604	Ruta Sarkar	
161	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			231	0	7	5	0.0293	Gair Mumkin Nali	
162	Mandi	J/Nagar	J/Nagar/J. Nagar/Barnodi	Submergence Area			234	0	13	12	0.0550	Pasture	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
163	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	518/1	0	4	14	0.0190	Pasture	
164	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	519/1	2	10	12	0.2047	Pasture	
165	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	521	4	12	1	0.3724	Pasture	
166	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	550/1	7	4	0	0.5825	Pasture	
167	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	559/1	5	5	14	0.4276	Pasture	
168	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	558/1	0	2	11	0.0103	Gair Mumkin Nali	
169	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	560	0	0	4	0.0008	Gair Mumkin Chashma	
170	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	404	19	13	10	1.5918	D.P.F	
171	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	435/405/1	45	11	0	3.6853	D.P.F	
172	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	431/425/1	12	14	3	1.0281	D.P.F	
173	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	432/425/1	0	15	0	0.0607	U.P.F	
174	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	402/1	23	6	12	1.8875	U.P.F	
175	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	403	27	17	2	2.2536	U.P.F	
176	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	436/405/1	2	6	2	0.1865	U.P.F	
177	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	442/439	18	19	4	1.5340	Gair Mumkin khad	
178	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	192/1	2	0	0	0.1618	Rutta Sarkar	
179	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	193	1	1	0	0.0850	Rutta Sarkar	
180	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	201/1	1	9	14	0.1201	Rutta Sarkar	
181	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	202/1	0	18	9	0.0746	Rutta Sarkar	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khazra No.	Area of forest land				Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswani				
1	2	3	4	5	6		7	8	9	10	11	12	13	
182	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		179/1	4	14	8	0.3819	Rutta Sarkar		
183	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		178	0	11	14	0.0473	Rutta Sarkar		
184	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		207	0	14	6	0.0578	Rutta Sarkar		
185	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		204/1	1	18	4	0.1545	Rutta Sarkar		
186	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		205/1	3	1	5	0.2478	Rutta Sarkar		
187	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		206/1	2	5	19	0.1859	Rutta Sarkar		
188	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		1/1	0	2	11	0.0103	Gair Mumkin Nail		
189	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		118/1	0	1	18	0.0077	Gair Mumkin Nail		
190	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		203/1	6	0	0	0.4854	Pasture		
191	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		213/1	0	7	16	0.0316	Pasture		
192	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		215/1	1	14	0	0.1375	Pasture		
193	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		378/1	3	2	16	0.2540	Pasture		
194	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		379	3	10	10	0.2852	Pasture		
195	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		374/1	3	4	16	0.2621	Pasture		
196	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		446/532/1	4	6	19	0.3517	U.P.F.		
197	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		534	60	14	15	4.9140	Gair Mumkin Darya		
198	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		533/1	34	7	16	4.4005	U.P.F.		
199	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		535/1	11	4	0	0.9061	U.P.F.		
200	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		536/1	37	1	11	2.9998	U.P.F.		
201	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area	Banroo Abal		203/1	15	0	2	1.2140	Gair Mumkin Khad		
202	Mandi	Mandi	Drang/Padhar/Laghar	Submergence Area	Laghar		218/208/82/1	86	8	10	6.9923	D.P.F.		
203	Mandi	Mandi	Drang/Padhar/Laghar	Submergence Area	Laghar		220/186/1	8	9	3	0.6843	D.P.F.		

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasal			
1	2	3	4	5	6		7	8	9	10	11	12	13
204	Mandi	Mandi	Drang/Padhar/ Lagdhar	Submergence Area	Lagdhar		202	21	7	17	1.7308	Gair Mumkin Khod	
205	Mandi	Mandi	Drang/Padhar/ Lagdhar	Submergence Area	Lagdhar		203	12	11	7	1.0168	Gair Mumkin Dariya	
206	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		901/843/840/1	15	14	10	1.2722	D.P.F	
207	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		902/843/840/1	5	17	6	0.4745	U.P.F	
208	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		841	6	16	1	0.5504	Gair Mumkin Dariya	
209	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		881/864/840/1	4	5	2	0.3443	Forest- Private	
210	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		882/864/840/1	9	4	16	0.7476	Forest- Private	
211	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		889/864/840/1	3	0	14	0.2456	Forest- Private	
212	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		469/1	128	0	13	10.3586	U.P.F	
213	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		501/470/1	28	19	12	2.3447	D.P.F	
214	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		471	52	7	14	4.2383	Gair Mumkin Dariya	
215	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		472/1	0	10	1	0.0407	Gair Mumkin Nali	
216	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		426/385/354/1	46	4	1	3.7381	U.P.F	
217	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		447/436/371	0	15	4	0.0615	U.P.F	
218	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		480/436/371/1	5	16	3	0.4699	U.P.F	
219	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		477/436/371/1	14	4	13	1.1515	D.P.F	
220	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		481/377/1	20	12	16	1.6699	D.P.F	
221	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		378	25	13	6	2.0765	Gair Mumkin Dariya	
222	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		379	10	17	14	0.8807	Gair Mumkin Dariya	
223	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		2/1	0	10	1	0.0407	Gair Mumkin Nali	
224	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		380/1	0	8	11	0.0346	Pasture	
225	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1105/981/179/1	20	16	4	1.6837	D.P.F	
226	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1107/979/195/1	39	17	18	3.2278	D.P.F	
227	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1111/979/195/1	2	9	6	0.1994	U.P.F	
228	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1121/977/266/1	5	11	7	0.4504	D.P.F	
229	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1123/965/271/1	11	19	11	0.9691	D.P.F	
230	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		284	63	11	6	5.1428	Gair Mumkin Dariya	
231	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1/1	0	8	11	0.0346	Gair Mumkin Nali	

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	8	9	10	11	12	13
232	Mandi	Mandi	Drang/Pachar/ Wab	Submergence Area	Wab		1125/965/271/1	19	15	4	1.5987	Pasture	
233	Mandi	Mandi	Drang/Pachar/ Bewla	Submergence Area	Bewla		220/54/1	24	12	0	1.9903	D.P.F	
234	Mandi	Mandi	Drang/Pachar/ Bewla	Submergence Area	Bewla		223/54/1	37	13	2	3.0465	U.P.F	
235	Mandi	Mandi	Drang/Pachar/ Bewla	Submergence Area	Bewla		228/205/126/1	3	15	0	0.3034	D.P.F	
236	Mandi	Mandi	Drang/Pachar/ Bewla	Submergence Area	Bewla		228/205/126/2	17	16	5	1.4411	D.P.F	
237	Mandi	Mandi	Drang/Pachar/ Bewla	Submergence Area	Bewla		231/205/126/1	1	5	12	0.1036	U.P.F	
238	Mandi	Mandi	Drang/Pachar/ Bewla	Submergence Area	Bewla		231/205/126/2	3	16	16	0.3107	U.P.F	
239	Mandi	Mandi	Drang/Pachar/ Bewla	Submergence Area	Bewla		130	55	1	0	4.4539	Gair Mumkin Daryya	
240	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1187/1140/629/1	23	9	9	1.8991	D.P.F	
241	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1189/1140/629/1	1	8	0	0.1133	U.P.F	
242	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1106	14	10	12	1.1756	U.P.F	
243	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1208/1107/1	3	9	18	0.2828	U.P.F	
244	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1110/1	3	15	15	0.3064	U.P.F	
245	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1150/1113/1	2	11	18	0.2100	U.P.F	
246	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1119	28	4	9	2.2834	U.P.F	
247	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		628/1	0	16	3	0.0653	Gair Mumkin Nall	
248	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1035	0	10	16	0.0437	Pasture	
249	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1036/1	2	5	8	0.1837	Pasture	
250	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1037/1	0	7	6	0.0295	Gair Mumkin Nall	
251	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1108/1	5	5	2	0.4252	Gair Mumkin Nall	
252	Mandi	Mandi	Drang/Pachar/ Badagaon	Submergence Area	Badagaon		1118	1	9	5	0.1183	Pasture	
253	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		1/1	0	16	3	0.0653	Gair Mumkin Nallah	
254	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		261/250/1	21	7	17	1.7308	U.P.F	
255	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		262/40/1	18	6	7	1.4820	D.P.F	
256	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		263/40/1	8	10	13	0.6903	U.P.F	
257	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		50	41	8	2	3.3499	Gair Mumkin Daryya	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehar		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
258	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		51/1	0	5	12	0.0227	Gair Mumkin Nallah	
259	Mandi	Mandi	Mandi/Sadar Mandi/ Mehadi	Submergence Area	Mehadi		72/1	0	5	12	0.0227	Gair Mumkin Nallah	
260	Mandi	Mandi	Mandi/Sadar Mandi/ Mehadi	Submergence Area	Mehadi		686/559/1	10	15	6	0.8710	D.P.F.	
261	Mandi	Mandi	Mandi/Sadar Mandi/ Mehadi	Submergence Area	Mehadi		560	9	0	1	0.7284	Dariya	
262	Mandi	Mandi	Mandi/Sadar Mandi/ Mehadi	Submergence Area	Mehadi		561/1	0	4	10	0.0182	Gair Mumkin Nallah	
263	Mandi	Mandi	Mandi/Sadar Mandi/ Tandur	Submergence Area	Tandur		451/360/1	7	7	11	0.5969	D.P.F.	
264	Mandi	Mandi	Mandi/Sadar Mandi/ Tandur	Submergence Area	Tandur		410/356/1	0	1	5	0.0051	U.P.F.	
265	Mandi	Mandi	Mandi/Sadar Mandi/ Tandur	Submergence Area	Tandur		449/357/1	6	9	8	0.5235	D.P.F.	
266	Mandi	Mandi	Mandi/Sadar Mandi/ Tandur	Submergence Area	Tandur		359/1	21	9	2	1.7358	D.P.F.	
267	Mandi	Mandi	Mandi/Sadar Mandi/ Tandur	Submergence Area	Tandur		361	18	12	6	1.5061	Gair Mumkin Dariya	
268	Mandi	Mandi	Mandi/Sadar Mandi/ Tandur	Submergence Area	Tandur		362	8	9	19	0.6875	Gair Mumkin Dariya	
269	Mandi	Mandi	Mandi/Sadar Mandi/ Tandur	Submergence Area	Tandur		863	15	8	16	1.2492	Gair Mumkin Dariya	
270	Mandi	Mandi	Mandi/Sadar Mandi/ Tandur	Submergence Area	Tandur		102/1	0	4	10	0.0182	Pasture	
271	Mandi	Mandi	Mandi/Sadar Mandi/ Tandur	Submergence Area	Tandur		212/1	0	1	15	0.0071	Gair Mumkin Nali	
272	Mandi	Mandi	Mandi/Sadar Mandi/ Tandur	Submergence Area	Tandur		358	0	11	11	0.0467	Dev- Sthan	
273	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		259/1	0	17	12	0.0712	U.P.F.	
274	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		232	6	2	0	0.4935	Gair Mumkin Dariya	
275	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		204/1	0	12	10	0.0506	Pasture	
276	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		230/1	0	1	15	0.0071	Gair Mumkin Nali	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehal		Khasra No.	Area of forest land			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswani	11	12	13
277	Mandi	Mandi	Mandi/Sadar Mandi/ Mathaniul	Submergence Area	Mathaniul		231/1	1	7	4	0.1100	Pasture	
278	Mandi	Mandi	Mandi/Sadar Mandi/ Mathaniul	Submergence Area	Mathaniul		234	2	13	8	0.2160	Pasture	
279	Mandi	Mandi	Mandi/Sadar Mandi/ Mathaniul	Submergence Area	Mathaniul		260/1	0	12	4	0.0494	Gair Mumkin Nali	
280	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		298	111	11	10	9.0271	U.P.F.	
281	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		861/333/1	6	14	9	0.5439	D.P.F.	
282	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		846/331/1	1	1	4	0.0858	D.P.F.	
283	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		847/331/1	0	19	18	0.0805	D.P.F.	
284	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		332/1	0	4	10	0.0182	D.P.F.	
285	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		296/1	0	12	12	0.0510	Gair Mumkin Nali	
286	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		299/1	1	1	15	0.0680	Pasture	
287	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		303/1	0	1	19	0.0079	Gair Mumkin Nali	
288	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		682/1	0	5	0	0.0202	Pasture	
289	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		830/253/1	0	9	2	0.0368	Gair Mumkin Khad	
290	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		884/297/1	1	4	0	0.0971	Pasture	
291	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		889/304/1	1	5	3	0.1017	Pasture	
292	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		892/836/1	2	4	19	0.1818	Pasture	
293	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1091/8/1	14	18	15	1.2085	U.P.F.	
294	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1073/550/1	0	2	16	0.0113	U.P.F.	
295	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1071/548/1	4	1	9	0.3295	U.P.F.	
296	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1/1	0	5	0	0.0202	Gair Mumkin Nali	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal	Khasra No.	Area of forest land			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank	Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	13
297	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		549/1	0	4	10	0.0182	Gair Mumkin Dariya
298	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		552	26	8	2	2.1363	Gair Mumkin Dariya
299	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		553	26	18	10	2.1784	Gair Mumkin Dariya
300	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		554	37	10	4	3.0348	Gair Mumkin Dariya
301	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Arthi	291/1	6	4	10	0.5036	U.P.F
302	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Arthi	292	27	6	14	2.2116	Gair Mumkin Dariya
303	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Arthi	222/1	0	1	5	0.0051	Gair Mumkin Nali
304	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Gumaru	973/954/1/1	7	10	16	0.6100	U.P.F
305	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Gumaru	2	54	5	12	4.3916	Gair Mumkin Dariya
306	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Gumaru	963/947/3/1	9	10	10	0.7706	U.P.F
307	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Gumaru	957/928/1	8	15	17	0.7114	U.P.F
308	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Gumaru	929	26	8	1	2.1361	Gair Mumkin Dariya
309	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Gumaru	925/1	0	1	5	0.0051	Gair Mumkin Nali
310	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	220/1	9	0	14	0.7310	U.P.F
311	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	520/1	0	6	5	0.0253	D.P.F
312	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	522/1	12	12	1	1.0196	D.P.F
313	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	224/1	0	2	5	0.0091	Gair Mumkin Nali
314	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	225	23	7	1	1.8894	Gair Mumkin Dariya
315	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	521	9	19	18	0.8087	Gair Mumkin Dariya

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Motal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswani			
1	2	3	4	5	6		7	8	9	10	11	12	13
316	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1/1	0	3	8	0.0138	U.P.F.	
317	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1314/1	20	1	19	1.6260	D.P.F.	
318	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	161/1	0	3	9	0.0140	D.P.F.	
319	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1627/1348/1	3	11	7	0.2886	U.P.F.	
320	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1315/1	5	17	10	0.4753	Pasture	
321	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1316/1	0	7	0	0.0283	Gair Mumkin Nall	
322	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1317	21	15	12	1.9239	Gair Mumkin Daryia	
323	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1349/1	0	2	5	0.0091	Gair Mumkin Nall	
324	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	801/1	14	11	16	1.1804	D.P.F.	
325	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	803/1	0	3	7	0.0136	Gair Mumkin Nall	
326	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	802	10	7	5	0.8364	Gair Mumkin Daryia	
327	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	2/1	0	10	14	0.0433	D.P.F.	
328	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	302/1	41	19	15	3.3970	D.P.F.	
329	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	1	27	9	0	2.2209	Gair Mumkin Daryia	
330	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	6/1	83	0	15	6.7182	Pasture	
331	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	232/1	19	8	0	1.5696	Pasture	
332	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	233	45	15	16	3.7047	Gair Mumkin Daryia	
333	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	669/1	0	1	4	0.0049	Gair Mumkin Nallah	
334	Mandi	Mandi	Siagloo/Kotli/Khad Kalyana	Submergence Area		Khad Kalyana	1	7	17	18	0.6388	Gair Mumkin Daryia	
335	Mandi	Mandi	Siagloo/Kotli/Khad Kalyana	Submergence Area		Khad Kalyana	5/1	14	8	6	1.1663	Pasture	
336	Mandi	Mandi	Siagloo/Kotli/Khad Kalyana	Submergence Area		Khad Kalyana	226/1	0	5	3	0.0208	Gair Mumkin Nallah	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal	Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank	Bigha	Biswa	Biswanasi			
1	2	3	4	5	6		7	8	9	10	11	13
337	Mandi	Mandi	Siagloo/Kotli/Khad Kalyana	Submergence Area		khad kalyana	756/1	0	1	4	0.0049	Gair Mumkin Nali
338	Mandi	Mandi	Siagloo/Kotli/Laswaikhad	Submergence Area		Laswai khad	462/1	7	17	7	0.6365	U.P.F
339	Mandi	Mandi	Siagloo/Kotli/Laswaikhad	Submergence Area		Laswai khad	457/1	0	6	8	0.0259	Gair Mumkin Nallah
340	Mandi	Mandi	Siagloo/Kotli/Laswaikhad	Submergence Area		Laswai khad	458	3	13	14	0.2981	Gair Mumkin Dariya
341	Mandi	Mandi	Siagloo/Kotli/Laswaikhad	Submergence Area		Laswai khad	514/1	0	5	3	0.0208	Gair Mumkin Nallah
342	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	448/1	2	15	1	0.2227	U.P.F
343	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	1501/1254/1	21	0	18	1.7027	U.P.F
344	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	1	40	13	6	3.2900	Gair Mumkin Dariya
345	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	180/1	38	9	4	3.1117	Pasture
346	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	262	3	4	10	0.2609	Pasture
347	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	263/1	1	1	2	0.0854	Gair Mumkin Nali
348	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	264	31	18	19	2.5847	Pasture
349	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	310/1	0	4	5	0.0172	Pasture
350	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	419	30	11	12	2.4741	Pasture
351	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	420	42	11	17	3.4460	Gair Mumkin Dariya
352	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	421/1	0	6	0	0.0243	Gair Mumkin Nali
353	Mandi	Mandi	Siagloo/Kotli/Sadloh	Submergence Area		Sadloh	1472/1	6	18	4	0.5591	Gair Mumkin Khad
354	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	4/1	4	19	15	0.4035	U.P.F
355	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	1986/1	16	17	18	1.3669	U.P.F
356	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	2093/1	5	18	8	0.4790	U.P.F
357	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	1/1	0	8	5	0.0334	Gair Mumkin Nallah
358	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	2	14	9	17	1.1725	Gair Mumkin Dariya
359	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	3/1	0	19	0	0.0769	Gair Mumkin Nali
360	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	2380/1	6	15	4	0.5469	Gair Mumkin Khad

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khazra No.	Area of forest land				Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasi				
1	2	3	4	5	6	7	8	9	10	11	12	13		
361	Mandi	Mandi	Siagloo/Kotli/Ropa Maryal	Submergence Area	Ropa Maryal	22/1	0	7	4	0.0291	Gair Mumkin Nallah			
362	Mandi	Mandi	Siagloo/Kotli/Ropa Maryal	Submergence Area	Ropa Maryal	224/1	2	12	14	0.2132	U.P.F			
363	Mandi	Mandi	Siagloo/Kotli/Ropa Maryal	Submergence Area	Ropa Maryal	226/1	0	10	10	0.0425	Gair Mumkin Nallah			
364	Mandi	Mandi	Siagloo/Kotli/Ropa Maryal	Submergence Area	Ropa Maryal	265/1	6	16	1	0.5504	U.P.F			
365	Mandi	Mandi	Siagloo/Kotli/Ropa Maryal	Submergence Area	Ropa Maryal	496/1	11	6	18	0.9179	D.P.F			
366	Mandi	Mandi	Siagloo/Kotli/Ropa Maryal	Submergence Area	Ropa Maryal	497/1	0	8	5	0.0354	Gair Mumkin Nallah			
367	Mandi	Mandi	Siagloo/Kotli/Ropa Maryal	Submergence Area	Ropa Maryal	395/1	0	9	2	0.0368	Gair Mumkin Nallah			
368	Mandi	Mandi	Siagloo/Kotli/Ropa Maryal	Submergence Area	Ropa Maryal	494	10	17	13	0.8805	Gair Mumkin Darya			
369	Mandi	Mandi	Siagloo/Kotli/Ropa Maryal	Submergence Area	Ropa Maryal	495	9	17	6	0.7981	Gair Mumkin Darya			
370	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area	Badoha	325/1	2	10	0	0.2023	D.P.F			
371	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area	Badoha	326/1	33	12	2	2.7189	D.P.F			
372	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area	Badoha	344/1	0	8	11	0.0346	D.P.F			
373	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area	Badoha	345/1	23	11	0	1.9053	D.P.F			
374	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area	Badoha	346	11	1	16	0.8972	Gair Mumkin Darya			
375	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area	Badoha	347	25	13	7	2.0767	Gair Mumkin Darya			
376	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area	Badoha	348/1	0	7	4	0.0291	Gair Mumkin Nallah			
377	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area	Kot	4/1	46	14	12	3.7807	D.P.F			
378	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area	Kot	958/1	26	15	10	2.1663	D.P.F			
379	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area	Kot	956/1/1	13	1	10	1.0578	U.P.F			
380	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area	Kot	1/1	0	5	10	0.0272	Gair Mumkin Nallah			
381	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area	Kot	2	12	11	6	1.0166	Gair Mumkin Darya			
382	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area	Kot	3	6	16	0	0.5502	Gair Mumkin Darya			

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal	Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank	Bigha	Biwa	Biwansi			
1	2	3	4	5	6		7	8	9	10	11	13
383	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	957/1	0	8	11	Gair Mumkin Nallah	
384	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	959	41	5	18	Gair Mumkin Dariya	
385	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	256/1	1	0	6	U.P.F.	
386	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	257/1	6	10	10	D.P.F.	
387	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	74/1	10	18	0	U.P.F.	
388	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	75/1	74	6	6	U.P.F.	
389	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	782/1	13	4	18	D.P.F.	
390	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	797/1	1	13	0	U.P.F.	
391	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	255/1	53	16	8	U.P.F.	
392	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	255/2	5	13	0	U.P.F.	
393	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	1/1	35	1	16	Gair Mumkin Khad	
394	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	2	10	4	10	Gair Mumkin Dariya	
395	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	3	9	16	15	Gair Mumkin Dariya	
396	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	76	60	14	15	Gair Mumkin Dariya	
397	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	627/1	0	5	10	Gair Mumkin Nallah	
398	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	2/1 min	4	6	4	D.P.F.	
399	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	2/2 min	18	11	10	D.P.F.	
400	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	28	0	1	10	U.P.F.	
401	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	1 min	17	15	14	Gair Mumkin Dariya	
402	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	218	16	3	5	Gair Mumkin Khad	
403	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	182	1	11	4	U.P.F.	
404	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	183/1	0	6	18	U.P.F.	
405	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	160/1	1	4	13	U.P.F.	
406	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	929/1	32	14	12	Gair Mumkin Khad	
407	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	227	0	14	10	U.P.F.	
408	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	302/1	1	16	15	U.P.F.	
409	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	2/4	13	0	6	D.P.F.	
410	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	25	0	3	12	Pasture	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mihal		Khasra No.	Area of forest land				Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	6	7	Higha	Biwa	Biwansi	11	12	13
411	Mandi	Mandi	Siagloo/Kotli/Mahun	Submergence Area				159/1	0	16	18	0.0684	Khadetar	
412	Mandi	Mandi	Siagloo/Kotli/Mahun	Submergence Area				187	0	12	8	0.0502	Khadetar	
								Grand Total	5027	19	14	406.7916		

Note= Conversion of Bigha- Biwa- Biwansi in to Hect.= [Bigha+Biwa/20+ Biwansi/400]/12.36


 Divisional Forest Officer
 Forest Division-1 Jalandhar (H.P.)


 Divisional Forest Officer
 Jalandhar Nagar Forest Division
 Jalandhar Nagar (H.P.)


 General Manager
 M & TP EEP, PCL
 Sujargar Tihar, District Jalandhar (H.P.)

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

FOR UNDERGROUND ACTIVITY

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biwansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
1	Mandi	Mandi	Singhoo/Kotli/Mahan	Diversion Tunnel & requisite associated Job facilities		Mahan	2/2 min	15	0	0	1.2136	D.P.F	
2	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	Intake & requisite associated Job facilities	Ropru		532/505/1 min	2	0	0	0.1618	U.P.F	
3	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		532/505/1 min	3	0	0	0.2427	U.P.F	
4	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		532/505/2	4	18	7	0.3979	U.P.F	
5	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		498/1 min	3	0	0	0.2427	U.P.F	
6	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		530/500/2 min	1	0	0	0.0809	Pasture	
7	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		530/500/1	1	15	5	0.1426	Pasture	
8	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	MAT & requisite associated Job facilities	Ropru		530/500/2 min	2	0	0	0.1618	Pasture	
9	Mandi	I/Nagar	I/Nagar/I. Nagar/Nagan	MAT & requisite associated Job facilities	Nagan		1178/1 min	11	0	0	0.8900	D.P.F	
10	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	Power House & requisite associated Job facilities	Ropru		530/500/2 min	4	0	0	0.3236	Pasture	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mchhal		Khasra No.	Area of forest land			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswami			
1	2	3	4	5		6	7	8	9	10	11	12	13
				Pressure									
11	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Transformer Cavern U/c draft tube & escape tunnel, cable Tunnel& requisite associated job facilities	Ropru		530/500/2 min	3	0	0	0.2427	Pasture	
12	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan		Nagan		1178/1 min	20	0	0	1.6181	D.P.F	
13	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Tail Race Tunnel& requisite associated job facilities	Nagan		1178/1 min	2	0	0	0.1618	D.P.F	
14	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Adit& requisite associated job facilities	Nagan		1178/1 min	5	1	0	0.4086	D.P.F	
			Total					77	14	12	6.2888		

General Manager
TM & TP HEPs HPDCL
Kotli, Distt. N

General M.
TM & TP HEPs
Kotli, Distt. Mandi (H.P.)

Divisional Forest Officer
Joc
Kotli (H.P.)

Divisional Forest Officer
Formal Division Mandi (H.P.)

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

FOR SURFACE ACTIVITY

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Le gal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswani			
1	2	3	4	5	6	7	8	9	10	11	12	13	
1	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Dam& requisite associated Job facilities	Ropru	532/505/1 min	4	0	0	0.3236	U.P.F		
2	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Dam& requisite associated Job facilities	Ropru	504 min	2	0	0	0.1618	Gair Mumkin Dariya		
3	Mandi	Mandi	Siagloo/Kotli/Mahan	Dam& requisite associated Job facilities		Mahan	02/03 min	9	15	15	0.7919	D.P.F	
4	Mandi	Mandi	Siagloo/Kotli/Mahan	Dam& requisite associated Job facilities		Mahan	02/02 min	20	2	16	1.6294	D.P.F	
5	Mandi	Mandi	Siagloo/Kotli/Mahan	Dam& requisite associated Job facilities		Mahan	01 min	2	0	0	0.1618	Gair Mumkin Dariya	
6	Mandi	Mandi	Siagloo/Kotli/Mahan	Coffer Dam U/S& requisite associated Job facilities		Mahan	01 min	1	0	0	0.0809	Gair Mumkin Dariya	
7	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Coffer Dam U/S& requisite associated Job facilities	Ropru	504 min	1	0	0	0.0809	Gair Mumkin Dariya		
8	Mandi	Mandi	Siagloo/Kotli/Mahan	Plunge Pool i/c D/S Coffer Dam		Mahan	1 min	2	0	0	0.1618	Gair Mumkin Dariya	
9	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Plunge Pool i/c D/S Coffer Dam	Ropru	504 min	2	0	0	0.1618	Gair Mumkin Dariya		
10	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Pot head Yard, Cable Tunnel& requisite associated Job facilities	Ropru	498/1 min	1	12	0	0.1294	U.P.F		

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	8	9	10	11	12	13
11	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba-Ra- Ghara	Mazrae	Amba- Ra- Ghara		343/330/2	2	12	10	0.2124	D.P.F	Kanda Parton to Dam site
12	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		499	11	1	5	0.8950	Routa Sarkar	Kanda Parton to Dam site
13	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		498/1 min	2	7	9	0.1919	U.P.F	Do
14	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		498/02	2	11	18	0.2100	U.P.F	Do
15	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		532/505/1 min	2	0	0	0.1618	U.P.F	Do
16	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		530/500/2 min	37	12	19	3.0459	Pasture	Do
17	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1178/1 min	5	0	0	0.4045	D.P.F	Kanda Parton to Dam site
18	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1174/1	0	2	5	0.0091	Gair Mumkin Nali	Do
19	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1175/1	40	17	8	3.3066	D.P.F	Do
20	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1176/1	1	13	10	0.1355	Gair Mumkin Nallah	Do
21	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1177/1	85	12	8	6.9272	D.P.F	Do
22	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Ghara		343/330/1	25	15	2	2.0837	D.P.F	Kanda Parton to Dam site
23	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Ghara		343/330/3	4	3	14	0.3386	D.P.F	Do
24	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Ghara		333/1	0	2	5	0.0091	D.P.F	Do
25	Mandi	J/Nagar	J/Nagar/J. Nagar/Thamched	Road/Job facility	Thamched		1984/1744/1	6	18	16	0.5615	D.P.F	Kanda Parton to Dam site
26	Mandi	J/Nagar	J/Nagar/J. Nagar/Thamched	Road/Job facility	Thamched		1985/1744/1	9	5	17	0.7518	D.P.F	Do
27	Mandi	J/Nagar	J/Nagar/J. Nagar/Thamched	Road/Job facility	Thamched		1941/1	7	12	14	0.6177	D.P.F	Do

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mahal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Le gal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5		6	7	8	9	10	11	12	13
			J/Nagar/I. Nagar/Jhamehad	Road/Job facility	Jhamehad		672/1	0	1	15	0.0071	Gair Mumkin Nali	Do
28	Mandi	J/Nagar											
29	Mandi	J/Nagar	J/Nagar/I. Nagar/Pabo	Road/Job facility	Pabo		1541/1	12	13	9	1.0253	D.P.F	Kanda Pattan to Dam site
30	Mandi	J/Nagar	J/Nagar/I. Nagar/Pabo	Road/Job facility	Pabo		341/1	0	1	15	0.0071	Gair Mumkin Nali	Do
31	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/2 min	10	15	0	0.8697	D.P.F	Mahan to Dam site
32	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/5	4	18	8	0.3981	D.P.F	Do
33	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/6	17	5	7	1.3970	D.P.F	Do
34	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/7	5	11	9	0.4508	D.P.F	Do
35	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	919/1	4	6	4	0.3487	U.P.F	Do
36	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	919/2	0	6	7	0.0257	U.P.F	Do
37	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	919/3	1	3	2	0.0934	U.P.F	Do
38	Mandi	J/Nagar	Dhampur/Kotli/Dhalwani	Road/Job facility		Dhalwani	3/1	81	13	2		D.P.F	Mahan to Dam site
39	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3129/3103/1	11	7	0	0.9183	D.P.F	
40	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3131/3091/1	27	5	17	2.2081	D.P.F	
41	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3133/3097/1	79	17	15	6.4634	D.P.F	
42	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3134/3097/1	0	8	1	0.0326	U.P.F	
43	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3132/3091/1	5	16	19	0.4731	Pasture	
44	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3179/3145/1	3	2	14	0.2536	Pasture	
45	Mandi	J/Nagar	Dhampur/Sarkaghat/Sidhipur	Quarry site		Sidhipur	1/1	18	8	11	1.4911	Gair Mumkin Khad	Thodu Nallah

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehol		Khara No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswami			
1	2	3	4	5	6	7	8	9	10	11	12	13	
46	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli Pardana	Quarry site	Tatoli Pardana	1/2	42	19	18	3.4787	Gair Mumkin Khad	Thodu Nailah	
47	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli Pardana	Quarry site	Sidhpur	5748/5595/1	18	8	11	1.4911	Gair Mumkin Khad	Thodu Nailah	
48	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli Pardana	Quarry site	Sidhpur	5748/5548/2	37	12	14	3.0421	Gair Mumkin Khad	Thodu Nailah	
49	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli Pardana	Quarry site	Tatoli Pardana	3185	35	18	3	2.9053	Gair Mumkin Khad	Malhot Khad	
50	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli Pardana	Quarry site	Tatoli Pardana	3187/1	11	16	14	0.9576	Gair Mumkin Khad	Malhot Khad	
51	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli	Quarry site	Tatoli	04/1	11	16	14	0.9576	Gair Mumkin Khad	Malhot Khad	
52	Mandi	J/Nagar	Dhampur/Sarkaghat/ Naryungath	Quarry site	Naryan gath	108/1	35	18	3	2.9054	Gair Mumkin Nail	Malhot Khad	
53	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli	Quarry site	Tatoli	1401	20	15	12	1.6813	Gair Mumkin Khad	Sakrai Khad	
54	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli	Quarry site	Tatoli	1402	67	16	16	5.4888	Gair Mumkin Khad	Sakrai Khad	
55	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tarbad	Quarry site	Tarbad	1798	38	15	10	3.1372	Gair Mumkin Khad	Sakrai Khad	
56	Mandi	J/Nagar	Dhampur/Sarkaghat/ Kot	Quarry site	Kot	974	67	16	16	5.4889	Gair Mumkin Khad	Sakrai Khad	
57	Mandi	J/Nagar	Dhampur/Sarkaghat/ Baloda	Quarry site	Baloda	1409/222	37	6	14	3.0181	Gair Mumkin Khad	Sakrai Khad	
58	Mandi	J/Nagar	Dhampur/Sarkaghat/ Baloda	Quarry site	Baloda	681	20	15	12	1.6813	Gair Mumkin Khad	Sakrai Khad	
59	Mandi	J/Nagar	Dhampur/Sarkaghat/ Batal	Quarry site	Batal	1291	46	2	12	3.7323	Gair Mumkin Khad	Son Khad	
60	Mandi	J/Nagar	Dhampur/Sarkaghat/ Batal	Quarry site	Rajur	1	4	10	2	0.3646	Gair Mumkin Khad	Son Khad	
61	Mandi	J/Nagar	J/Nagar/1. Nagar/Prair	Quarry site	Prair	2721/1	50	18	12	4.1267	Gair Mumkin Darya	Beas River (at Prair)	
62	Mandi	J/Nagar	J/Nagar/1. Nagar/Ropru	Submergence Area	Ropru	504 min	4	19	17	0.4019	Gair Mumkin Darya		

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Le gal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
63	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		524/445	29	6	3	23712	Gair Mumkin Khad	
64	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		507	26	0	13	21062	Gair Mumkin Duriya	
65	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		527/477/1	10	10	0	0.8495	U.P.F.	
66	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		527/477/2	3	4	7	0.2603	U.P.F.	
67	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		514/452/1	35	17	15	2.9035	U.P.F.	
68	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		466/1	6	0	0	0.4854	U.P.F.	
69	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		535/6/1	49	4	18	3.9842	U.P.F.	
70	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		532/505/1	30	9	3	2.4642	U.P.F.	
71	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		446/1	22	4	3	1.7967	Pasture	
72	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		447/1	0	6	5	0.0253	Gair Mumkin Nallah	
73	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		453/1	0	16	16	0.0680	Gair Mumkin Nallah	
74	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		467/1	0	12	4	0.0494	Gair Mumkin Nallah	
75	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		152	0	6	2	0.0247	Rutta Sarkar	
76	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		153	0	3	5	0.0131	Rutta Sarkar	
77	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		155	0	4	8	0.0178	Rutta Sarkar	
78	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		156	0	6	13	0.0269	Rutta Sarkar	
79	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		157	0	4	16	0.0194	Rutta Sarkar	

Sr. No.	District	Forest Division	Range/Thali/Village	Component of project	Mandal		Khazana No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Diswa	Diswanil	11	12	13
80	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		251	7	0	14	0.5692	Gair Mumkin Khud	
81	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		781	0	0	15	0.0030	Gair Mumkin Khud	
82	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		815/785	27	7	8	2.2144	Gair Mumkin Khud	
83	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		818/817/1	4	0	6	0.3248	D.P.F.	
84	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		151/1	2	11	19	0.2102	Pasture	
85	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		154	0	7	10	0.0303	Pasture	
86	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		248	0	5	8	0.0218	Pasture	
87	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		249	0	6	10	0.0263	Pasture	
88	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		250	5	9	16	0.5251	Pasture	
89	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		252	0	2	14	0.0109	Gair Mumkin Nali	
90	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		1/1	0	3	4	0.0129	Gair Mumkin Nali	
91	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		253	0	2	2	0.0085	Pasture	
92	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		262/1	4	8	10	0.3580	Pasture	
93	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		422	0	19	2	0.0773	Pasture	
94	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		423	0	16	9	0.0665	Pasture	
95	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		813/778/1	1	15	10	0.1436	Pasture	
96	Mandi	J/Nagar	J/Nagar/1, Nagar/Bath	Submergence Area	Bath		813/778/2	4	4	2	0.3402	Pasture	

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mehal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Le gal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
97	Mandi	I/Nagar	I/Nagar/I. Nagar/Balh	Submergence Area	Balh		813/778/3	4	14	13	0.3829	Pasture	
98	Mandi	I/Nagar	I/Nagar/I. Nagar/Balh	Submergence Area	Balh		306/1	0	5	0	0.0202	Gair Mumkin Nali	
99	Mandi	I/Nagar	I/Nagar/I. Nagar/Balh	Submergence Area	Balh		779/1	0	6	5	0.0253	Gair Mumkin Nali	
100	Mandi	I/Nagar	I/Nagar/I. Nagar/Balh	Submergence Area	Balh		451	0	9	6	0.0376	Pasture	
101	Mandi	I/Nagar	I/Nagar/I. Nagar/Balh	Submergence Area	Balh		242/1	0	1	0	0.0040	Pasture	
102	Mandi	I/Nagar	I/Nagar/I. Nagar/Balh	Submergence Area	Balh		418/1	0	10	0	0.0405	Gair Mumkin Nali	
103	Mandi	I/Nagar	I/Nagar/I. Nagar/Balh	Submergence Area	Balh		419/1	3	9	5	0.2801	Pasture	
104	Mandi	I/Nagar	I/Nagar/I. Nagar/Balh	Submergence Area	Balh		774/1	0	5	6	0.0214	Gair Mumkin Nali	
105	Mandi	I/Nagar	I/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh		689/649/1	0	6	8	0.0259	Gair Mumkin Nallah	
106	Mandi	I/Nagar	I/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh		691/656/1	11	13	8	0.9442	D.P.F	
107	Mandi	I/Nagar	I/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh		658	8	6	2	0.6719	Gair Mumkin Nallah	
108	Mandi	I/Nagar	I/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1042/998/1	1	19	18	0.1614	D.P.F	
109	Mandi	I/Nagar	I/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1046/1010	32	0	15	2.5920	Gair Mumkin Khad	
110	Mandi	I/Nagar	I/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1001	20	5	7	1.6398	Gair Mumkin Khad	
111	Mandi	I/Nagar	I/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		935	0	12	14	0.0514	Dhani Dom	
112	Mandi	I/Nagar	I/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		939	0	14	18	0.0603	Pasture	
113	Mandi	I/Nagar	I/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		995	0	8	2	0.0328	Pasture	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehal		Khassa No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasl			
1	2	3	4	5	6		7	8	9	10	11	12	13
114	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		707/1	0	14	17	0.0601	Gair Mumkin Nallah	
115	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		762/1	10	13	15	0.8647	Pasture	
116	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		763/1	0	8	10	0.0344	Pasture	
117	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		926	0	4	4	0.0170	Pasture	
118	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		937	1	3	1	0.0932	Pasture	
119	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		928/1	0	3	12	0.0146	Gair Mumkin Nallah	
120	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		1043/998/1	0	7	5	0.0293	Pasture	
121	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		1037/1026/1	4	18	2	0.3968	Pasture	
122	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		1/1	0	2	12	0.0105	Gair Mumkin Nall	
123	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		689/1	2	16	1	0.2267	Pasture	
124	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		925/1	11	1	9	0.8958	Pasture	
125	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		1030/683/1	12	2	3	0.9796	Pasture	
126	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		923/1	0	6	4	0.0251	Pasture	
127	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Bhumra		380/1	14	18	10	1.2075	Gair Mumkin Nall	
128	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Bhumra		592/1	0	2	12	0.0105	Gair Mumkin Nall	
129	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Bhumra		611/602/1	11	8	6	0.9235	Pasture	
130	Mandi	J/Nagar	J/Nagar/I. Nagar/Barwar	Submergence Area	Barwar		347/1	8	9	0	0.6837	U.P.F	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Le gal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasi			
1	2	3	4	5	6		7	8	9	10	11	12	13
131	Mandi	I/Nagar	I/Nagar/I. Nagar/Banogi	Submergence Area		Banogi	350/1	13	12	6	1.1015	Gair Mumkin khad	
132	Mandi	I/Nagar	I/Nagar/I. Nagar/Banogi	Submergence Area		Banogi	351	32	11	4	2.6343	Gair Mumkin khad	
133	Mandi	I/Nagar	I/Nagar/I. Nagar/Banogi	Submergence Area		Banogi	407/400/1	15	2	0	1.2217	U.P.F	
134	Mandi	I/Nagar	I/Nagar/I. Nagar/Banogi	Submergence Area		Banogi	351/1/1	20	3	1	1.6305	Pasture	
135	Mandi	I/Nagar	I/Nagar/I. Nagar/Banogi	Submergence Area		Banogi	335/1	0	12	7	0.0500	Pasture	
136	Mandi	I/Nagar	I/Nagar/I. Nagar/Banogi	Submergence Area		Banogi	336/1	0	2	12	0.0105	Pasture	
137	Mandi	I/Nagar	I/Nagar/I. Nagar/Banogi	Submergence Area		Banogi	352/1	0	5	0	0.0202	Gair Mumkin Bavadi	
138	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo	Submergence Area		Banroo	232/1	26	10	0	2.1440	U.P.F	
139	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo	Submergence Area		Banroo	562	7	0	10	0.5684	Gair Mumkin khad	
140	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo	Submergence Area		Banroo	301	8	4	19	0.6673	Gair Mumkin khad	
141	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo	Submergence Area		Banroo	577/233	20	8	12	1.6529	Gair Mumkin khad	
142	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo	Submergence Area		Banroo	564/232/1/1	5	5	0	0.4248	D.P.F	
143	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo	Submergence Area		Banroo	237/1	1	19	8	0.1594	Rutta Sarkar	
144	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo	Submergence Area		Banroo	277/1	2	4	16	0.1812	Rutta Sarkar	
145	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo	Submergence Area		Banroo	302/1	2	13	2	0.2148	Rutta Sarkar	
146	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo	Submergence Area		Banroo	520/1	1	19	13	0.1604	Rutta Sarkar	
147	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo	Submergence Area		Banroo	231	0	7	5	0.0293	Gair Mumkin Nali	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswasal	11	12	13
148	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Dom	Submergence Area		Bantoo Dom	234	0	13	12	0.0550	Pasture	
149	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Dom	Submergence Area		Bantoo Dom	518/1	0	4	14	0.0190	Pasture	
150	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Dom	Submergence Area		Bantoo Dom	519/1	2	10	12	0.2047	Pasture	
151	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Dum	Submergence Area		Bantoo Dom	521	4	12	1	0.3724	Pasture	
152	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Dom	Submergence Area		Bantoo Dom	550/1	7	4	0	0.5825	Pasture	
153	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Dom	Submergence Area		Bantoo Dom	559/1	5	5	14	0.4276	Pasture	
154	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Dom	Submergence Area		Bantoo Dom	558/1	0	2	11	0.0103	Gair Mumkin Nali	
155	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Dom	Submergence Area		Bantoo Dom	560	0	0	4	0.0908	Gair Mumkin Chachua	
156	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Abal	Submergence Area		Bantoo Abal	404	19	13	10	1.5918	D.P.F	
157	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Abal	Submergence Area		Bantoo Abal	435/405/1	45	11	0	3.6853	D.P.F	
158	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Abal	Submergence Area		Bantoo Abal	431/425/1	12	14	3	1.0281	D.P.F	
159	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Abal	Submergence Area		Bantoo Abal	432/425/1	0	15	0	0.0607	U.P.F	
160	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Abal	Submergence Area		Bantoo Abal	402/1	23	6	12	1.8675	U.P.F	
161	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Abal	Submergence Area		Bantoo Abal	403	27	17	2	2.2536	U.P.F	
162	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Abal	Submergence Area		Bantoo Abal	436/405/1	2	6	2	0.1865	U.P.F	
163	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Abal	Submergence Area		Bantoo Abal	442/439	18	19	4	1.5340	Gair Mumkin Khal	
164	Mandi	J/Nagar	J/Nagar/J. Nagar/Bantoo Abal	Submergence Area		Bantoo Abal	192/1	2	0	0	0.1618	Rutta Sarkar	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Le gal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
165	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	193	1	1	0	0.0850	Rutta Sarkar	
166	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	201/1	1	9	14	0.1201	Rutta Sarkar	
167	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	202/1	0	18	9	0.0746	Rutta Sarkar	
168	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	179/1	4	14	8	0.3819	Rutta Sarkar	
169	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	178	0	11	14	0.0473	Rutta Sarkar	
170	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	207	0	14	6	0.0578	Rutta Sarkar	
171	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	204/1	1	18	4	0.1545	Rutta Sarkar	
172	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	205/1	3	1	5	0.2478	Rutta Sarkar	
173	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	206/1	2	5	19	0.1859	Rutta Sarkar	
174	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	171	0	2	11	0.0103	Gair Mumkin Nali	
175	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	118/1	0	1	18	0.0077	Gair Mumkin Nali	
176	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	203/1	6	0	0	0.4854	Pasture	
177	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	213/1	0	7	16	0.0316	Pasture	
178	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	215/1	1	14	0	0.1375	Pasture	
179	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	378/1	3	2	16	0.2540	Pasture	
180	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	379	3	10	10	0.2852	Pasture	
181	Mandi	I/Nagar	I/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	374/1	3	4	16	0.2621	Pasture	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khassra No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	8	9	10	11	12	13
182	Mandi	J/Nagar	J/Nagar/J. Nagar/Baidhar	Submergence Area	Baidhar		546/532/1	4	6	19	0.3517	U.P.F.	
183	Mandi	J/Nagar	J/Nagar/J. Nagar/Baidhar	Submergence Area	Baidhar		534	60	14	15	4.9140	Gair Mumkin Darya	
184	Mandi	J/Nagar	J/Nagar/J. Nagar/Baidhar	Submergence Area	Baidhar		533/1	54	7	16	4.4005	U.P.F.	
185	Mandi	J/Nagar	J/Nagar/J. Nagar/Baidhar	Submergence Area	Baidhar		535/1	11	4	0	0.9061	U.P.F.	
186	Mandi	J/Nagar	J/Nagar/J. Nagar/Baidhar	Submergence Area	Baidhar		536/1	37	1	11	2.9998	U.P.F.	
187	Mandi	J/Nagar	J/Nagar/J. Nagar/Baidhar	Submergence Area	Baidhar		203/1	15	0	2	1.2140	Gair Mumkin Khad	
188	Mandi	Mandi	Drang/Pudhar/ Lagdhar	Submergence Area	Lagdhar		218/208/82/1	86	8	10	6.9923	D.P.F.	
189	Mandi	Mandi	Drang/Pudhar/ Lagdhar	Submergence Area	Lagdhar		220/186/1	8	9	3	0.6843	D.P.F.	
190	Mandi	Mandi	Drang/Pudhar/ Lagdhar	Submergence Area	Lagdhar		202	21	7	17	1.7308	Gair Mumkin Khad	
191	Mandi	Mandi	Drang/Pudhar/ Lagdhar	Submergence Area	Lagdhar		203	12	11	7	1.0168	Gair Mumkin Darya	
192	Mandi	Mandi	Drang/Pudhar/ Jhannad	Submergence Area	Jhannad		901/843/840/1	15	14	10	1.2722	D.P.F.	
193	Mandi	Mandi	Drang/Pudhar/ Jhannad	Submergence Area	Jhannad		902/843/840/1	5	17	6	0.4745	U.P.F.	
194	Mandi	Mandi	Drang/Pudhar/ Jhannad	Submergence Area	Jhannad		841	6	16	1	0.3504	Gair Mumkin Darya	
195	Mandi	Mandi	Drang/Pudhar/ Jhannad	Submergence Area	Jhannad		881/864/840/1	4	5	2	0.3443	Forest- Private	
196	Mandi	Mandi	Drang/Pudhar/ Jhannad	Submergence Area	Jhannad		882/864/840/1	9	4	16	0.7476	Forest- Private	
197	Mandi	Mandi	Drang/Pudhar/ Jhannad	Submergence Area	Jhannad		889/864/840/1	3	0	14	0.2456	Forest- Private	
198	Mandi	Mandi	Drang/Pudhar/ Tharki	Submergence Area	Tharki		469/1	128	0	13	10.3586	U.P.F.	

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Le gal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biwansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
199	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		501/470/1	28	19	12	2.3447	D.P.F	
200	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		471	52	7	14	4.2383	Gair Mumkin Dariya	
201	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		472/1	0	10	1	0.0407	Gair Mumkin Nali	
202	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		426/385/34/1	46	4	1	3.7381	U.P.F	
203	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		447/436/371	0	15	4	0.0615	U.P.F	
204	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		480/436/371/1	5	16	3	0.4699	U.P.F	
205	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		477/436/371/1	14	4	13	1.1515	D.P.F	
206	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		481/377/1	20	12	16	1.6699	D.P.F	
207	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		378	25	13	6	2.0765	Gair Mumkin Dariya	
208	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		379	10	17	14	0.8807	Gair Mumkin Dariya	
209	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		2/1	0	10	1	0.0407	Gair Mumkin Nali	
210	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		380/1	0	8	11	0.0346	Pasture	
211	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1105/981/179/1	20	16	4	1.6837	D.P.F	
212	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1107/979/195/1	39	17	18	3.2278	D.P.F	
213	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1111/979/195/1	2	9	6	0.1994	U.P.F	
214	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1121/977/266/1	5	11	7	0.4504	D.P.F	
215	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1123/965/271/1	11	19	11	0.9691	D.P.F	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Moihai		Khata No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	8	9	10	11	12	13
216	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		284	63	11	6	5.1428	Gair Mumkin Darya	
217	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1/ 1	0	8	11	0.0346	Gair Mumkin Nail	
218	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1125/965/271/1	19	15	4	1.5987	Pasture	
219	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		220/54/1	24	12	0	1.9903	D.P.F	
220	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		223/54/1	37	13	2	3.0465	U.P.F	
221	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		228/205/126/1	3	15	0	0.3034	D.P.F	
222	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		228/205/126/2	17	16	5	1.4411	D.P.F	
223	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		231/205/126/1	1	5	12	0.1036	U.P.F	
224	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		231/205/126/2	3	16	16	0.3107	U.P.F	
225	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		130	55	1	0	4.4539	Gair Mumkin Darya	
226	Mandi	Mandi	Drang/Padhar/ Badagon	Submergence Area	Badagon		1187/1140/629/1	23	9	9	1.8991	D.P.F	
227	Mandi	Mandi	Drang/Padhar/ Badagon	Submergence Area	Badagon		1189/1140/629/1	1	8	0	0.1133	U.P.F	
228	Mandi	Mandi	Drang/Padhar/ Badagon	Submergence Area	Badagon		1106	14	10	12	1.1756	U.P.F	
229	Mandi	Mandi	Drang/Padhar/ Badagon	Submergence Area	Badagon		1208/1107/1	3	9	18	0.2828	U.P.F	
230	Mandi	Mandi	Drang/Padhar/ Badagon	Submergence Area	Badagon		1110/1	3	15	15	0.3064	U.P.F	
231	Mandi	Mandi	Drang/Padhar/ Badagon	Submergence Area	Badagon		1150/1113/1	2	11	18	0.2100	U.P.F	
232	Mandi	Mandi	Drang/Padhar/ Badagon	Submergence Area	Badagon		1119	28	4	9	2.2834	U.P.F	

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.	Classification/Le gal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
233	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		628/1	0	16	3	0.0653	Gair Mumkin Nali	
234	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1035	0	10	16	0.0437	Pasture	
235	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1036/1	2	5	8	0.1837	Pasture	
236	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1037/1	0	7	6	0.0295	Gair Mumkin Nali	
237	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1108/1	5	5	2	0.4252	Gair Mumkin Nali	
238	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1118	1	9	5	0.1183	Pasture	
239	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		1/1	0	16	3	0.0653	Gair Mumkin Nallah	
240	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		261/250/1	21	7	17	1.7308	U.P.F.	
241	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		262/40/1	18	6	7	1.4820	D.P.F.	
242	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		263/40/1	8	10	13	0.6903	U.P.F.	
243	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		50	41	8	2	3.3499	Gair Mumkin Dariya	
244	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		51/1	0	5	12	0.0227	Gair Mumkin Nallah	
245	Mandi	Mandi	Mandi/Sadar Mandi/ Mehadi	Submergence Area	Mehadi		72/1	0	5	12	0.0227	Gair Mumkin Nallah	
246	Mandi	Mandi	Mandi/Sadar Mandi/ Mehadi	Submergence Area	Mehadi		686/539/1	10	15	6	0.8710	D.P.F.	
247	Mandi	Mandi	Mandi/Sadar Mandi/ Mehadi	Submergence Area	Mehadi		560	9	0	1	0.7284	Gair Mumkin Dariya	
248	Mandi	Mandi	Mandi/Sadar Mandi/ Mehadi	Submergence Area	Mehadi		561/1	0	4	10	0.0182	Gair Mumkin Nallah	
249	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		451/360/1	7	7	11	0.5969	D.P.F.	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswasal	11	12	13
250	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		410/356/1	0	1	5	0.0051	U.P.F.	
251	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		449/357/1	6	9	8	0.5235	D.P.F.	
252	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		359/1	21	9	2	1.7358	D.P.F.	
253	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		361	18	12	6	1.5061	Gair Mumkin Darys	
254	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		362	8	9	19	0.6875	Gair Mumkin Darys	
255	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		863	15	8	16	1.2492	Gair Mumkin Darys	
256	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		102/1	0	4	10	0.0182	Pasture	
257	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		212/1	0	1	15	0.0071	Gair Mumkin Nall	
258	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		358	0	11	11	0.0467	Dev- Shyam	
259	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		239/1	0	17	12	0.0712	U.P.F.	
260	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		232	6	2	0	0.4935	Gair Mumkin Darys	
261	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		204/1	0	12	10	0.0506	Pasture	
262	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		230/1	0	1	15	0.0071	Gair Mumkin Nall	
263	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		231/1	1	7	4	0.1100	Pasture	
264	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		234	2	13	8	0.2160	Pasture	
265	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		260/1	0	12	4	0.0494	Gair Mumkin Nall	
266	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		298	111	11	10	9.0271	U.P.F.	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land (in Hect.)	Classification/Le gal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswansi	11	12	13
267	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		861/333/1	6	14	9	0.5439	D.P.F	
268	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		846/331/1	1	1	4	0.0858	D.P.F	
269	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		847/331/1	0	19	18	0.0805	D.P.F	
270	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		332/1	0	4	10	0.0182	D.P.F	
271	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		296/1	0	12	12	0.0510	Gair Mumkin Nali	
272	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		299/1	1	1	15	0.0880	Pasture	
273	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		303/1	0	1	19	0.0079	Gair Mumkin Nali	
274	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		682/1	0	5	0	0.0202	Pasture	
275	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		830/253/1	0	9	2	0.0368	Gair Mumkin Khad	
276	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		884/297/1	1	4	0	0.0971	Pasture	
277	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		889/304/1	1	5	3	0.1017	Pasture	
278	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		892/836/1	2	4	19	0.1818	Pasture	
279	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1091/8/1	14	18	15	1.2085	U.P.F	
280	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1073/550/1	0	2	16	0.0113	U.P.F	
281	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1071/548/1	4	1	9	0.3295	U.P.F	
282	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1/1	0	5	0	0.0202	Gair Mumkin Nafiah	
283	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		549/1	0	4	10	0.0182	Gair Mumkin Darya	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswasal	11	12	13
284	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		552	26	8	2	2.1363	Gair Mumkin Darys	
285	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		553	26	18	10	2.1784	Gair Mumkin Darys	
286	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		554	37	10	4	3.0348	Gair Mumkin Darys	
287	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Arhi	291/1	6	4	10	0.5036	U.P.F	
288	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Arhi	292	27	6	14	2.2116	Gair Mumkin Darys	
289	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Arhi	222/1	0	1	5	0.0051	Gair Mumkin Nall	
290	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Gumma	973/954/U/1	7	10	16	0.6100	U.P.F	
291	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Gumma	2	54	5	12	4.3916	Gair Mumkin Darys	
292	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Gumma	963/947/3/1	9	10	10	0.7706	U.P.F	
293	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Gumma	957/928/1	8	15	17	0.7114	U.P.F	
294	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Gumma	929	26	8	1	2.1361	Gair Mumkin Darys	
295	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Gumma	925/1	0	1	5	0.0051	Gair Mumkin Nall	
296	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Dhanyari	220/1	9	0	14	0.7310	U.P.F	
297	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Dhanyari	520/1	0	6	5	0.0253	D.P.F	
298	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Dhanyari	522/1	12	12	1	1.0196	D.P.F	
299	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Dhanyari	224/1	0	2	5	0.0091	Gair Mumkin Nall	
300	Mandi	Mandi	Singlo/Sadar Mandi/ Ehalad	Submergence Area		Dhanyari	225	23	7	1	1.8894	Gair Mumkin Darys	

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Le gal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Bliswasi			
1	2	3	4	5	6		7	8	9	10	11	12	13
301	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyuri	521	9	19	18	0.8087	Gair Mumkin Dariya	
302	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1/1	0	3	8	0.0138	U.P.F.	
303	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1314/1	20	1	19	1.6260	D.P.F.	
304	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	161/1	0	3	9	0.0140	D.P.F.	
305	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1627/1348/1	3	11	7	0.2886	U.P.F.	
306	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1315/1	5	17	10	0.4753	Pasture	
307	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1316/1	0	7	0	0.0283	Gair Mumkin Nali	
308	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1317	23	15	12	1.9239	Gair Mumkin Dariya	
309	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1349/1	0	2	5	0.0091	Gair Mumkin Nali	
310	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	801/1	14	11	16	1.1804	D.P.F.	
311	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	803/1	0	3	7	0.0136	Gair Mumkin Nali	
312	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	802	10	7	5	0.8384	Gair Mumkin Dariya	
313	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	2/1	0	10	14	0.0433	D.P.F.	
314	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	302/1	41	19	15	3.3970	D.P.F.	
315	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	1	27	9	0	2.2209	Gair Mumkin Dariya	
316	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	6/1	83	0	15	6.7182	Pasture	
317	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	232/1	19	8	0	1.5696	Pasture	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khazra No.	Area of forest land in				Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	6	7	8	9	10	11	12	13
318	Mandi	Mandi	Singleo/Kotli/Jandrola	Submergence Area		Jandrola	Jandrola	233	45	15	16	3.7047	Gair Mumkin Darya	
319	Mandi	Mandi	Singleo/Kotli/Jandrola	Submergence Area		Jandrola	Jandrola	669/1	0	1	4	0.0049	Gair Mumkin Nallah	
320	Mandi	Mandi	Singleo/Kotli/Khad	Submergence Area		Khad	Khad	1	7	17	18	0.6388	Gair Mumkin Darya	
321	Mandi	Mandi	Singleo/Kotli/Khad	Submergence Area		Khad	Khad	5/1	14	8	6	1.1663	Pasture	
322	Mandi	Mandi	Singleo/Kotli/Khad	Submergence Area		Khad	Khad	226/1	0	5	3	0.0208	Gair Mumkin Nallah	
323	Mandi	Mandi	Singleo/Kotli/Khad	Submergence Area		Khad	Khad	756/1	0	1	4	0.0049	Gair Mumkin Nali	
324	Mandi	Mandi	Singleo/Kotli/Laswari	Submergence Area		Laswari	Laswari	462/1	7	17	7	0.6365	U.P.F	
325	Mandi	Mandi	Singleo/Kotli/Laswari	Submergence Area		Laswari	Laswari	457/1	0	6	8	0.0259	Gair Mumkin Nallah	
326	Mandi	Mandi	Singleo/Kotli/Laswari	Submergence Area		Laswari	Laswari	458	3	13	14	0.2981	Gair Mumkin Darya	
327	Mandi	Mandi	Singleo/Kotli/Laswari	Submergence Area		Laswari	Laswari	514/1	0	5	3	0.0208	Gair Mumkin Nallah	
328	Mandi	Mandi	Singleo/Kotli/Sadoh	Submergence Area		Sadoh	Sadoh	448/1	2	15	1	0.2227	U.P.F	
329	Mandi	Mandi	Singleo/Kotli/Sadoh	Submergence Area		Sadoh	Sadoh	1501/1254/1	21	0	18	1.7027	U.P.F	
330	Mandi	Mandi	Singleo/Kotli/Sadoh	Submergence Area		Sadoh	Sadoh	1	40	13	6	3.2900	Gair Mumkin Darya	
331	Mandi	Mandi	Singleo/Kotli/Sadoh	Submergence Area		Sadoh	Sadoh	180/1	38	9	4	3.1117	Pasture	
332	Mandi	Mandi	Singleo/Kotli/Sadoh	Submergence Area		Sadoh	Sadoh	262	3	4	10	0.2609	Pasture	
333	Mandi	Mandi	Singleo/Kotli/Sadoh	Submergence Area		Sadoh	Sadoh	263/1	1	1	2	0.0834	Gair Mumkin Nali	
334	Mandi	Mandi	Singleo/Kotli/Sadoh	Submergence Area		Sadoh	Sadoh	264	21	18	19	2.5847	Pasture	

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Le gal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansti			
1	2	3	4	5	6	7	8	9	10	11	12	13	
335	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	310/1	0	4	5	0.0172	Pasture	
336	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	419	30	11	12	2.4741	Pasture	
337	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	420	42	11	17	3.4460	Gair Mumkin Dariya	
338	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	421/1	0	6	0	0.0243	Gair Mumkin Nali	
339	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	1472/1	6	18	4	0.5591	Gair Mumkin Khad	
340	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	4/1	4	19	15	0.4035	U.P.F.	
341	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	1986/1	16	17	18	1.3669	U.P.F.	
342	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	2093/1	5	18	8	0.4790	U.P.F.	
343	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	1/1	0	8	5	0.0334	Gair Mumkin Nallah	
344	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	2	14	9	17	1.1725	Gair Mumkin Dariya	
345	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	3/1	0	19	0	0.0769	Gair Mumkin Nali	
346	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	2380/1	6	15	4	0.5469	Gair Mumkin Khad	
347	Mandi	Mandi	Siagloo/Kotli/Ropa Matyal	Submergence Area		Ropa Matyal	2/1	0	7	4	0.0291	Gair Mumkin Nallah	
348	Mandi	Mandi	Siagloo/Kotli/Ropa Matyal	Submergence Area		Ropa Matyal	224/1	2	12	14	0.2132	U.P.F.	
349	Mandi	Mandi	Siagloo/Kotli/Ropa Matyal	Submergence Area		Ropa Matyal	226/1	0	10	10	0.0425	Gair Mumkin Nallah	
350	Mandi	Mandi	Siagloo/Kotli/Ropa Matyal	Submergence Area		Ropa Matyal	265/1	6	16	1	0.5504	U.P.F.	
351	Mandi	Mandi	Siagloo/Kotli/Ropa Matyal	Submergence Area		Ropa Matyal	496/1	11	6	18	0.9179	D.P.F.	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehul		Khaura No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	8	9	10	11	12	13
352	Mandi	Mandi	Siagloo/Kotli/Ropa Mayal	Submergence Area		Ropa Mayal	497/1	0	8	5	0.0334	Gair Mumkin Nallah	
353	Mandi	Mandi	Siagloo/Kotli/Ropa Mayal	Submergence Area		Ropa Mayal	395/1	0	9	2	0.0368	Gair Mumkin Nallah	
354	Mandi	Mandi	Siagloo/Kotli/Ropa Mayal	Submergence Area		Ropa Mayal	494	10	17	13	0.8805	Gair Mumkin Darya	
355	Mandi	Mandi	Siagloo/Kotli/Ropa Mayal	Submergence Area		Ropa Mayal	495	9	17	6	0.7981	Gair Mumkin Darya	
356	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	325/1	2	10	0	0.2023	D.P.F	
357	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	326/1	33	12	2	2.7189	D.P.F	
358	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	344/1	0	8	11	0.0346	D.P.F	
359	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	345/1	23	11	0	1.9053	D.P.F	
360	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	346	11	1	16	0.8972	Gair Mumkin Darya	
361	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	347	25	13	7	2.0767	Gair Mumkin Darya	
362	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	348/1	0	7	4	0.0291	Gair Mumkin Nallah	
363	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	4/1	45	14	12	3.7507	D.P.F	
364	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	958/1	26	15	10	2.1663	D.P.F	
365	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	956/1/1	13	1	10	1.0578	U.P.F	
366	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	1/1	0	5	10	0.0222	Gair Mumkin Nallah	
367	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	2	12	11	6	1.0166	Gair Mumkin Darya	
368	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	3	6	16	0	0.5502	Gair Mumkin Darya	

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswasal	11	12	13
369	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	957/1	0	8	11	0.0346	Gair Mumkin Nallah	
370	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	959	41	3	18	3.3410	Gair Mumkin Dariya	
371	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	256/1	1	0	6	0.0821	U.P.F	
372	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	257/1	6	10	10	0.5279	D.P.F	
373	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	74/1	10	18	0	0.8819	U.P.F	
374	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	75/1	74	6	6	6.0125	U.P.F	
375	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	782/1	13	4	18	1.0716	D.P.F	
376	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	797/1	1	13	0	0.1335	U.P.F	
377	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	255/1	53	16	8	4.3544	U.P.F	
378	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	255/2	5	13	0	0.4571	U.P.F	
379	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	1/1	35	1	16	2.8390	Gair Mumkin Khad	
380	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	2	10	4	10	0.8273	Gair Mumkin Dariya	
381	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	3	9	16	15	0.7959	Gair Mumkin Dariya	
382	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	76	60	14	15	4.9140	Gair Mumkin Dariya	
383	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	627/1	0	5	10	0.0222	Gair Mumkin Nallah	
384	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	2/1 min	4	6	4	0.3487	D.P.F	
385	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	2/2 min	18	11	10	1.5028	D.P.F	

Sr. No.	District	Forest Division	Range/Tahsil/village	Component of project	Mohal		Khassra No.	Area of forest land in				Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswani				
1	2	3	4	5	6	7	8	9	10	11	12	13		
386	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	28	0	1	10	0.0061	U.P.F		
387	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	1 min	17	15	14	1.4389	Gair Mumkin Darya		
388	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	218	16	3	5	1.3076	Gair Mumkin Khad		
389	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	182	1	11	4	0.1262	U.P.F		
390	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	183/1	0	6	18	0.0279	U.P.F		
391	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	160/1	1	4	13	0.0997	U.P.F		
392	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	929/1	32	14	12	2.6481	Gair Mumkin Khad		
393	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	227	0	14	10	0.0587	U.P.F		
394	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	302/1	1	16	15	0.1487	U.P.F		
395	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	2/4	13	0	6	1.0530	D.P.F		
396	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	25	0	3	12	0.0146	Pasture		
397	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	159/1	0	16	18	0.0684	Khodetar		
398	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	187	0	12	8	0.0502	Khodetar		
						Grand Total	4950	5	2	400.5028				

Note = Conversion of Bigha - Biswa - Biswani in to Hect = [Bigha + Biswa/20 + Biswani/400]/12.36

Divisional Forest Officer

Joginder Nagar Forest Division
Joginder Nagar (H.R.)

General Manager
T & TP III, P. & P. & P.
Sujapur Thana, District Buxar, Bihar

Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.R.)

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

General Abstract of Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohan		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
1	Mandi	Mandi	Siagloo/Kotli/Mahan	Diversion Tunnel & requisite associated Job facilities		Mahan	2/2 min	15	0	0	1.2136	D.P.F	
2	Mandi	Mandi	Siagloo/Kotli/Mahan	Dam & requisite associated Job facilities		Mahan	02/03 min	9	15	15	0.7919	D.P.F	
3	Mandi	Mandi	Siagloo/Kotli/Mahan	Dam & requisite associated Job facilities		Mahan	02/02 min	20	2	16	1.6294	D.P.F	
4	Mandi	Mandi	Siagloo/Kotli/Mahan	Dam & requisite associated Job facilities		Mahan	01 min	2	0	0	0.1618	Gair Mumkin Dariya	
5	Mandi	Mandi	Siagloo/Kotli/Mahan	Coffer Dam U/S & requisite associated Job facilities		Mahan	01 min	1	0	0	0.0809	Gair Mumkin Dariya	
6	Mandi	Mandi	Siagloo/Kotli/Mahan	Plunge Pool i/c D/S Coffer Dam		Mahan	1 min	2	0	0	0.1618	Gair Mumkin Dariya	
7	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/2 min	10	15	0	0.8697	D.P.F	Mahan to Dam site
8	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/5	4	18	8	0.3981	D.P.F	Do
9	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/6	17	5	7	1.3970	D.P.F	Do
10	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/7	5	11	9	0.4508	D.P.F	Do
11	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	9/9/1	4	6	4	0.3487	U.P.F	Do
12	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	9/9/2	0	6	7	0.0257	U.P.F	Do
13	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	9/9/3	1	3	2	0.0934	U.P.F	Do
14	Mandi	Mandi	Drang/Padhar/ Lagdhar	Submergence Area	Lagdhar		218/208/82/1	86	8	10	6.9923	D.P.F	
15	Mandi	Mandi	Drang/Padhar/ Lagdhar	Submergence Area	Lagdhar		220/186/1	8	9	3	0.6843	D.P.F	
16	Mandi	Mandi	Drang/Padhar/ Lagdhar	Submergence Area	Lagdhar		202	21	7	17	1.7308	Gair Mumkin Khad	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohan		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks	
1	2	3	4	5	Right bank	Left bank	6	7	Bheha	Bisra	Biswansi	11	12	13
17	Mandi	Mandi	Drang/Padhar/ Lagdhar	Submergence Area	Lagdhar		203	12	11	7	1.0168	Gair Mumkin Darye		
18	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		901/843/840/1	15	14	10	1.2722	D.P.F		
19	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		902/843/840/1	5	17	6	0.4745	U.P.F		
20	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		841	6	16	1	0.5504	Gair Mumkin Darye		
21	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		881/864/840/1	4	5	2	0.3443	Forest- Private		
22	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		882/864/840/1	9	4	16	0.7476	Forest- Private		
23	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		889/864/840/1	3	0	14	0.2456	Forest- Private		
24	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		469/1	128	0	13	10.3586	U.P.F		
25	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		501/470/1	28	19	12	2.3447	D.P.F		
26	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		471	52	7	14	4.2383	Gair Mumkin Darye		
27	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		472/1	0	10	1	0.0407	Gair Mumkin Nail		
28	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		426/385/354/1	46	4	1	3.7381	U.P.F		
29	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		447/436/371	0	15	4	0.0615	U.P.F		
30	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		480/436/371/1	5	16	3	0.4699	U.P.F		
31	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		477/436/371/1	14	4	13	1.1515	D.P.F		
32	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		481/377/1	20	12	16	1.6699	D.P.F		
33	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		378	25	13	6	2.0765	Gair Mumkin Darye		
34	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		379	10	17	14	0.8807	Gair Mumkin Darye		
35	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		2/1	0	10	1	0.0407	Gair Mumkin Nail		

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
36	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		380/1	0	8	11	0.0346	Pasture	
37	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1105/981/179/1	20	16	4	1.6837	D.P.F	
38	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1107/979/195/1	39	17	18	3.2278	D.P.F	
39	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1111/979/195/1	2	9	6	0.1994	U.P.F	
40	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1121/977/266/1	5	11	7	0.4504	D.P.F	
41	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1123/965/271/1	11	19	11	0.9691	D.P.F	
42	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		284	63	11	6	5.1428	Gair Mumkin Dariya	
43	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1/ 1	0	8	11	0.0346	Gair Mumkin Nali	
44	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1125/965/271/1	19	15	4	1.5987	Pasture	
45	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		220/54/1	24	12	0	1.9903	D.P.F	
46	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		223/54/1	37	13	2	3.0465	U.P.F	
47	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		228/205/126/1	3	15	0	0.3034	D.P.F	
48	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		228/205/126/2	17	16	5	1.4411	D.P.F	
49	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		231/205/126/1	1	5	12	0.1036	U.P.F	
50	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		231/205/126/2	3	16	16	0.3107	U.P.F	
51	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		130	55	1	0	4.4539	Gair Mumkin Dariya	
52	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1187/1140/629/1	23	9	9	1.8991	D.P.F	
53	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1189/1140/629/1	1	8	0	0.1133	U.P.F	
54	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1106	14	10	12	1.1756	U.P.F	
55	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1208/1107/1	3	9	18	0.2828	U.P.F	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehal		Khazra No.	Area of forest land			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
56	Mandi	Mandi	Drang/Padhar/ Badgaon	Submergence Area	Badgaon		1110/1	3	15	15	0.3064	U.P.F	
57	Mandi	Mandi	Drang/Padhar/ Badgaon	Submergence Area	Badgaon		1150/113/1	2	11	18	0.2100	U.P.F	
58	Mandi	Mandi	Drang/Padhar/ Badgaon	Submergence Area	Badgaon		1119	28	4	9	2.2834	U.P.F	
59	Mandi	Mandi	Drang/Padhar/ Badgaon	Submergence Area	Badgaon		628/1	0	16	3	0.0653	Gair Mumkin Nail	
60	Mandi	Mandi	Drang/Padhar/ Badgaon	Submergence Area	Badgaon		1035	0	10	16	0.0437	Pasture	
61	Mandi	Mandi	Drang/Padhar/ Badgaon	Submergence Area	Badgaon		1036/1	2	5	8	0.1837	Pasture	
62	Mandi	Mandi	Drang/Padhar/ Badgaon	Submergence Area	Badgaon		1037/1	0	7	6	0.0295	Gair Mumkin Nail	
63	Mandi	Mandi	Drang/Padhar/ Badgaon	Submergence Area	Badgaon		1108/1	5	5	2	0.4252	Gair Mumkin Nail	
64	Mandi	Mandi	Drang/Padhar/ Badgaon	Submergence Area	Badgaon		1118	1	9	5	0.1183	Pasture	
65	Mandi	Mandi	Mandi/Sadar Mandu/ Pakhr	Submergence Area	Pakhr		1/1	0	16	3	0.0653	Gair Mumkin Nailab	
66	Mandi	Mandi	Mandi/Sadar Mandu/ Pakhr	Submergence Area	Pakhr		261/250/1	21	7	17	1.7308	U.P.F	
67	Mandi	Mandi	Mandi/Sadar Mandu/ Pakhr	Submergence Area	Pakhr		262/40/1	18	6	7	1.4820	D.P.F	
68	Mandi	Mandi	Mandi/Sadar Mandu/ Pakhr	Submergence Area	Pakhr		263/40/1	8	10	13	0.6903	U.P.F	
69	Mandi	Mandi	Mandi/Sadar Mandu/ Pakhr	Submergence Area	Pakhr		50	41	8	2	3.3499	Gair Mumkin Darye	
70	Mandi	Mandi	Mandi/Sadar Mandu/ Pakhr	Submergence Area	Pakhr		51/1	0	5	12	0.0227	Gair Mumkin Nailab	
71	Mandi	Mandi	Mandi/Sadar Mandu/ Mehnd	Submergence Area	Mehnd		72/1	0	5	12	0.0227	Gair Mumkin Nailab	
72	Mandi	Mandi	Mandi/Sadar Mandu/ Mehnd	Submergence Area	Mehnd		686/559/1	10	15	6	0.8710	D.P.F	

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6	7	8	9	10	11	12	13	
73	Mandi	Mandi	Mandi/Sadar Mandi/ Mehad	Submergence Area	Mehad	560	9	0	1	0.7284	Gair Mumkin Dariya		
74	Mandi	Mandi	Mandi/Sadar Mandi/ Mehad	Submergence Area	Mehad	561/1	0	4	10	0.0182	Gair Mumkin Nallah		
75	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu	451/360/1	7	7	11	0.5969	D.P.F		
76	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu	410/356/1	0	1	5	0.0051	U.P.F		
77	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu	449/357/1	6	9	8	0.5235	D.P.F		
78	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu	359/1	21	9	2	1.7358	D.P.F		
79	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu	361	18	12	6	1.5061	Gair Mumkin Dariya		
80	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu	362	8	9	19	0.6875	Gair Mumkin Dariya		
81	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu	863	15	8	16	1.2492	Gair Mumkin Dariya		
82	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu	102/1	0	4	10	0.0182	Pasture		
83	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu	212/1	0	1	15	0.0071	Gair Mumkin Nali		
84	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu	358	0	11	11	0.0467	Dev- Sthan		
85	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanival	Submergence Area	Mathanival	259/1	0	17	12	0.0712	U.P.F		
86	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanival	Submergence Area	Mathanival	232	6	2	0	0.4935	Gair Mumkin Dariya		
87	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanival	Submergence Area	Mathanival	204/1	0	12	10	0.0506	Pasture		
88	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanival	Submergence Area	Mathanival	230/1	0	1	15	0.0071	Gair Mumkin Nali		
89	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanival	Submergence Area	Mathanival	231/1	1	7	4	0.1100	Pasture		

Sr. No.	District	Forest Division	Range/Taluk/Village	Component of project	Mohan		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswa	11	12	13
90	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		234	2	13	8	0.2160	Pasture	
91	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		260/1	0	12	4	0.0494	Gair Mumkin Nali	
92	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		298	111	11	10	9.0271	U.P.F	
93	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		861/333/1	6	14	9	0.5439	D.P.F	
94	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		846/331/1	1	1	4	0.0858	D.P.F	
95	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		847/331/1	0	19	18	0.0805	D.P.F	
96	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		332/1	0	4	10	0.0182	D.P.F	
97	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		296/1	0	12	12	0.0510	Gair Mumkin Nali	
98	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		299/1	1	3	15	0.0880	Pasture	
99	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		103/1	0	1	19	0.0079	Gair Mumkin Nali	
100	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		682/1	0	5	0	0.0202	Pasture	
101	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		830/233/1	0	9	2	0.0368	Gair Mumkin Nali	
102	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		884/297/1	1	4	0	0.0971	Pasture	
103	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		889/304/1	1	5	3	0.1017	Pasture	
104	Mandi	Mandi	Mandi/Sadar Mandi/ Megai	Submergence Area	Megai		892/836/1	2	4	19	0.1818	Pasture	
105	Mandi	Mandi	Mandi/Sadar Mandi/ Bijun	Submergence Area	Bijun		1091/8/1	- 14	18	15	1.2085	U.P.F	
106	Mandi	Mandi	Mandi/Sadar Mandi/ Bijun	Submergence Area	Bijun		1073/550/1	0	2	16	0.0113	U.P.F	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Molal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
107	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1071/548/1	4	1	9	0.3295	U.P.F	
108	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1/1	0	5	0	0.0202	Gair Mumkin Nallah	
109	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		549/1	0	4	10	0.0182	Gair Mumkin Dariya	
110	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		552	26	8	2	2.1363	Gair Mumkin Dariya	
111	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		553	26	18	10	2.1784	Gair Mumkin Dariya	
112	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		554	37	10	4	3.0348	Gair Mumkin Dariya	
113	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Arthi	291/1	6	4	10	0.5036	U.P.F	
114	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Arthi	292	27	6	14	2.2116	Gair Mumkin Dariya	
115	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Arthi	222/1	0	1	5	0.0051	Gair Mumkin Nall	
116	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Gumaru	973/954/1/1	7	10	16	0.6100	U.P.F	
117	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Gumaru	2	54	5	12	4.3916	Gair Mumkin Dariya	
118	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Gumaru	963/947/3/1	9	10	10	0.7706	U.P.F	
119	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Gumaru	957/928/1	8	15	17	0.7114	U.P.F	
120	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Gumaru	929	26	8	1	2.1361	Gair Mumkin Dariya	
121	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Gumaru	925/1	0	1	5	0.0051	Gair Mumkin Nall	
122	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Dhanyuri	220/1	9	0	14	0.7310	U.P.F	
123	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Dhanyuri	520/1	0	6	5	0.0253	D.P.F	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Molal		Khasra No.	Area of forest land			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	8	9	10	11	12	13
124	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Dhanysri	522/1	12	12	1	1.0196	D.P.F	
125	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Dhanysri	224/1	0	2	5	0.0091	Gair Mumkin Darys	
126	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Dhanysri	225	23	7	1	1.8894	Gair Mumkin Darys	
127	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Dhanysri	521	9	19	18	0.8087	Gair Mumkin Darys	
128	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1/1	0	3	8	0.0138	U.P.F	
129	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1314/1	20	1	19	1.6260	D.P.F	
130	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	161/1	0	3	9	0.0140	D.P.F	
131	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1627/1348/1	3	11	7	0.2886	U.P.F	
132	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1315/1	5	17	10	0.4753	Pasture	
133	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1316/1	0	7	0	0.0283	Gair Mumkin Nail	
134	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1317	23	15	12	1.9239	Gair Mumkin Darys	
135	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhalel	Submergence Area		Bhalel	1349/1	0	2	5	0.0091	Gair Mumkin Nail	
136	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	801/1	14	11	16	1.1804	D.P.F	
137	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	803/1	0	3	7	0.0136	Gair Mumkin Nail	
138	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	802	10	7	5	0.8384	Gair Mumkin Darys	
139	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	2/1	0	10	14	0.0433	D.P.F	
140	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	302/1	41	19	15	3.3970	D.P.F	
141	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	1	27	9	0	2.2209	Gair Mumkin Darys	
142	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	6/1	83	0	15	6.7182	Pasture	

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Blowansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
143	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	232/1	19	8	0	1.5696	Pasture	
144	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	233	45	15	16	3.7047	Gair Mumkin Daryia	
145	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	669/1	0	1	4	0.0049	Gair Mumkin Nallah	
146	Mandi	Mandi	Siagloo/Kotli/Khad Kalyana	Submergence Area		khad kalyana	1	7	17	18	0.6388	Gair Mumkin Daryia	
147	Mandi	Mandi	Siagloo/Kotli/Khad Kalyana	Submergence Area		khad kalyana	5/1	14	8	6	1.1663	Pasture	
148	Mandi	Mandi	Siagloo/Kotli/Khad Kalyana	Submergence Area		khad kalyana	226/1	0	5	3	0.0208	Gair Mumkin Nallah	
149	Mandi	Mandi	Siagloo/Kotli/Khad Kalyana	Submergence Area		khad kalyana	756/1	0	1	4	0.0049	Gair Mumkin Nali	
150	Mandi	Mandi	Siagloo/Kotli/Laswaikhad	Submergence Area		Laswai khad	462/1	7	17	7	0.6365	U.P.F.	
151	Mandi	Mandi	Siagloo/Kotli/Laswaikhad	Submergence Area		Laswai khad	457/1	0	6	8	0.0259	Gair Mumkin Nallah	
152	Mandi	Mandi	Siagloo/Kotli/Laswaikhad	Submergence Area		Laswai khad	458	3	13	14	0.2981	Gair Mumkin Daryia	
153	Mandi	Mandi	Siagloo/Kotli/Laswaikhad	Submergence Area		Laswai khad	514/1	0	5	3	0.0208	Gair Mumkin Nallah	
154	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	448/1	2	15	1	0.2227	U.P.F.	
155	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	1501/1254/1	21	0	18	1.7027	U.P.F.	
156	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	1	40	13	6	3.2900	Gair Mumkin Daryia	
157	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	180/1	38	9	4	3.1117	Pasture	
158	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	262	3	4	10	0.2609	Pasture	
159	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	263/1	1	1	2	0.0854	Gair Mumkin Nali	
160	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	264	31	18	19	2.5847	Pasture	
161	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	310/1	0	4	5	0.0172	Pasture	
162	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	419	30	11	12	2.4741	Pasture	
163	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	420	42	11	17	3.4460	Gair Mumkin Daryia	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehar		Khasra No.	Area of forest land			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswasai	11	12	13
164	Mandi	Mandi	Siagloor/Kotli/Sadoh	Submergence Area		Sadoh	421/1	0	6	0	0.0243	Gair Mumkin Nahi	
165	Mandi	Mandi	Siagloor/Kotli/Sadoh	Submergence Area		Sadoh	1472/1	6	18	4	0.5591	Gair Mumkin Khad	
166	Mandi	Mandi	Siagloor/Kotli/Dawahan	Submergence Area		Dawahan	4/1	4	19	15	0.4035	U.P.F	
167	Mandi	Mandi	Siagloor/Kotli/Dawahan	Submergence Area		Dawahan	1986/1	16	17	18	1.3669	U.P.F	
168	Mandi	Mandi	Siagloor/Kotli/Dawahan	Submergence Area		Dawahan	2093/1	5	18	8	0.4790	U.P.F	
169	Mandi	Mandi	Siagloor/Kotli/Dawahan	Submergence Area		Dawahan	1/1	0	8	5	0.0334	Gair Mumkin Nallah	
170	Mandi	Mandi	Siagloor/Kotli/Dawahan	Submergence Area		Dawahan	2	14	9	17	1.1725	Gair Mumkin Darya	
171	Mandi	Mandi	Siagloor/Kotli/Dawahan	Submergence Area		Dawahan	3/1	0	19	0	0.0769	Gair Mumkin Nali	
172	Mandi	Mandi	Siagloor/Kotli/Dawahan	Submergence Area		Dawahan	2380/1	6	15	4	0.5469	Gair Mumkin Khad	
173	Mandi	Mandi	Siagloor/Kotli/Ropa	Submergence Area		Ropa	2/1	0	7	4	0.0291	Gair Mumkin Nallah	
174	Mandi	Mandi	Siagloor/Kotli/Ropa	Submergence Area		Ropa	224/1	2	12	14	0.2132	U.P.F	
175	Mandi	Mandi	Siagloor/Kotli/Ropa	Submergence Area		Ropa	226/1	0	10	10	0.0425	Gair Mumkin Nallah	
176	Mandi	Mandi	Siagloor/Kotli/Ropa	Submergence Area		Ropa	265/1	6	16	1	0.5504	U.P.F	
177	Mandi	Mandi	Siagloor/Kotli/Ropa	Submergence Area		Ropa	496/1	11	6	18	0.9179	D.P.F	
178	Mandi	Mandi	Siagloor/Kotli/Ropa	Submergence Area		Ropa	497/1	0	11	5	0.0334	Gair Mumkin Nallah	
179	Mandi	Mandi	Siagloor/Kotli/Ropa	Submergence Area		Ropa	395/1	0	9	2	0.0368	Gair Mumkin Nallah	
180	Mandi	Mandi	Siagloor/Kotli/Ropa	Submergence Area		Ropa	494	10	17	13	0.8805	Gair Mumkin Darya	
181	Mandi	Mandi	Siagloor/Kotli/Ropa	Submergence Area		Ropa	495	9	17	6	0.7981	Gair Mumkin Darya	
182	Mandi	Mandi	Siagloor/Kotli/Budoha	Submergence Area		Budoha	325/1	2	10	0	0.2023	D.P.F	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mihal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Hiswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
183	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	326/1	33	12	2	2.7189	D.P.F	
184	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	344/1	0	8	11	0.0346	D.P.F	
185	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	345/1	23	11	0	1.9053	D.P.F	
186	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	346	11	1	16	0.8972	Gair Mumkin Dariya	
187	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	347	25	13	7	2.0767	Gair Mumkin Dariya	
188	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	348/1	0	7	4	0.0291	Gair Mumkin Nallah	
189	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	4/1	46	14	12	3.7807	D.P.F	
190	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	958/1	26	15	10	2.1663	D.P.F	
191	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	956/1/1	13	1	10	1.0578	U.P.F	
192	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	1/1	0	5	10	0.0222	Gair Mumkin Nallah	
193	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	2	12	11	6	1.0166	Gair Mumkin Dariya	
194	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	3	6	16	0	0.5502	Gair Mumkin Dariya	
195	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	957/1	0	8	11	0.0346	Gair Mumkin Nallah	
196	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	959	41	5	18	3.3410	Gair Mumkin Dariya	
197	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	256/1	1	0	6	0.0821	U.P.F	
198	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	257/1	6	10	10	0.5279	D.P.F	
199	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	74/1	10	18	0	0.8819	U.P.F	
200	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	75/1	74	6	6	6.0125	U.P.F	
201	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	782/1	13	4	18	1.0716	D.P.F	
202	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	797/1	1	13	0	0.1335	U.P.F	
203	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	255/1	53	16	8	4.3544	U.P.F	
204	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	255/2	5	13	0	0.4571	U.P.F	
205	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	1/1	35	1	16	2.8390	Gair Mumkin Khad	

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswani			
1	2	3	4	5	6		7	8	9	10	11	12	13
206	Mandi	Mandi	Singlo/Kotli/Kun	Submergence Area		Kun	2	10	4	10	0.8273	Gair Mumkin Darys	
207	Mandi	Mandi	Singlo/Kotli/Kun	Submergence Area		Kun	3	9	16	15	0.7959	Gair Mumkin Darys	
208	Mandi	Mandi	Singlo/Kotli/Kun	Submergence Area		Kun	76	60	14	15	4.9140	Gair Mumkin Darys	
209	Mandi	Mandi	Singlo/Kotli/Kun	Submergence Area		Kun	627/1	0	5	10	0.0222	Gair Mumkin Nallah	
210	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	2/1 min	4	6	4	0.3487	D.P.F	
211	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	2/2 min	18	11	10	1.5028	D.P.F	
212	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	28	0	1	10	0.0061	U.P.F	
213	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	1 min	17	15	14	1.4389	Gair Mumkin Darys	
214	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	218	16	3	5	1.3076	Gair Mumkin Khad	
215	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	182	1	11	4	0.1262	U.P.F	
216	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	183/1	0	6	18	0.0279	U.P.F	
217	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	160/1	1	4	13	0.0997	U.P.F	
218	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	929/1	32	14	12	2.6481	Gair Mumkin Khad	
219	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	227	0	14	10	0.0587	U.P.F	
220	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	302/1	1	16	15	0.1487	U.P.F	
221	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	2/4	13	0	6	1.0530	D.P.F	
222	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	25	0	3	12	0.0146	Pasture	
223	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	139/1	0	16	18	0.0684	Khadetar	
224	Mandi	Mandi	Singlo/Kotli/Mahan	Submergence Area		Mahan	187	0	12	8	0.0502	Khadetar	
							Grand Total	2919	16	19	236.2336		

Note= Conversion of Bigha- Biswa- Biswani in to Hect.=1 Bigha+Biswa/20+ Biswani/400/12.35


Divisional Forest Officer
Divisional Forest Division
Joginder Nagar Forest Division
Page 12 of 12 (H.P.)

Divisional Forest Officer
Joginder Nagar Forest Division
Page 12 of 12 (H.P.)


General Manager
TM & TP HEP & P
Sujapur Tura, Dist. Kamrup (H.P.)

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land in				Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi				
1	2	3	4	5	6		7	8	9	10	11	12	13	
1	Mandi	Mandi	Siagloo/Kotli/Mahan	Dam & requisite associated Job facilities		Mahan	02/03 min	9	15	15	0.7919	D.P.F		
2	Mandi	Mandi	Siagloo/Kotli/Mahan	Dam& requisite associated Job facilities		Mahan	02/02 min	20	2	16	1.6294	D.P.F		
3	Mandi	Mandi	Siagloo/Kotli/Mahan	Dam& requisite associated Job facilities		Mahan	01 min	2	0	0	0.1618	Gair Mumkin Dariya		
4	Mandi	Mandi	Siagloo/Kotli/Mahan	Coffer Dam U/S & requisite associated Job facilities		Mahan	01 min	1	0	0	0.0809	Gair Mumkin Dariya		
5	Mandi	Mandi	Siagloo/Kotli/Mahan	Plunge Pool i/c D/S Coffer Dam		Mahan	1 min	2	0	0	0.1618	Gair Mumkin Dariya		
6	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/2 min	10	15	0	0.8697	D.P.F	Mahan to Dam site	
7	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/5	4	18	8	0.3981	D.P.F	Do	
8	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/6	17	5	7	1.3970	D.P.F	Do	
9	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	2/7	5	11	9	0.4508	D.P.F	Do	
10	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	9/9/1	4	6	4	0.3487	U.P.F	Do	
11	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	9/9/2	0	6	7	0.0257	U.P.F	Do	
12	Mandi	Mandi	Siagloo/Kotli/Mahan	Road/Job facility		Mahan	9/9/3	1	3	2	0.0934	U.P.F	Do	
13	Mandi	Mandi	Drang/Padhar/ Lagdhar	Submergence Area	Lagdhar		218/208/82/1	86	8	10	6.9923	D.P.F		
14	Mandi	Mandi	Drang/Padhar/ Lagdhar	Submergence Area	Lagdhar		220/186/1	8	9	3	0.6843	D.P.F		
15	Mandi	Mandi	Drang/Padhar/ Lagdhar	Submergence Area	Lagdhar		202	21	7	17	1.7308	Gair Mumkin Khad		

Statement showing details of a forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mehal		Kharsa No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bheba	Biwa	Biwasani			
1	2	3	4	5		6	7	8	9	10	11	12	13
Mandi	Mandi	Mandi	Drang/Padhar/ Lagdhar	Submergence Area	Lagdhar		203	12	11	7	1.0168	Gair Mumkin Darya	
17	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		901/843/840/1	15	14	10	1.2722	D.P.F	
18	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		902/843/840/1	5	17	6	0.4745	U.P.F	
19	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		841	6	16	1	0.5504	Gair Mumkin Darya	
20	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		881/864/840/1	4	5	2	0.3443	Forest- Private	
21	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		882/864/840/1	9	4	16	0.7476	Forest- Private	
22	Mandi	Mandi	Drang/Padhar/ Jhannad	Submergence Area	Jhannad		889/864/840/1	3	0	14	0.2456	Forest- Private	
23	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		469/1	128	0	13	10.3586	U.P.F	
24	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		501/470/1	28	19	12	2.3447	D.P.F	
25	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		471	52	7	14	4.2383	Gair Mumkin Darya	
26	Mandi	Mandi	Drang/Padhar/ Tharki	Submergence Area	Tharki		472/1	0	10	1	0.0407	Gair Mumkin Nall	
27	Mandi	Mandi	Drang/Padhar/ Bhutwari	Submergence Area	Bhutwari		426/385/354/1	46	4	1	3.7381	U.P.F	
28	Mandi	Mandi	Drang/Padhar/ Bhutwari	Submergence Area	Bhutwari		447/436/371	0	15	4	0.0615	U.P.F	
29	Mandi	Mandi	Drang/Padhar/ Bhutwari	Submergence Area	Bhutwari		480/436/371/1	5	16	3	0.4699	U.P.F	
30	Mandi	Mandi	Drang/Padhar/ Bhutwari	Submergence Area	Bhutwari		477/436/371/1	14	4	13	1.1515	D.P.F	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohan		Khasra No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswanai			
1	2	3	4	5	6		7	8	9	10	11	12	13
31	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		481/377/1	20	12	16	1.6699	D.P.F	
32	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		378	25	13	6	2.0765	Gair Mumkin Dariya	
33	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		379	10	17	14	0.8807	Gair Mumkin Dariya	
34	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		2/1	0	10	1	0.0407	Gair Mumkin Nali	
35	Mandi	Mandi	Drang/Padhar/ Bhatwari	Submergence Area	Bhatwari		380/1	0	8	11	0.0346	Pasture	
36	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1105/981/179/1	20	16	4	1.6837	D.P.F	
37	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1107/979/195/1	39	17	18	3.2278	D.P.F	
38	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1111/979/195/1	2	9	6	0.1994	U.P.F	
39	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1121/977/266/1	5	11	7	0.4504	D.P.F	
40	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1123/965/271/1	11	19	11	0.9691	D.P.F	
41	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		284	63	11	6	5.1428	Gair Mumkin Dariya	
42	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1/1	0	8	11	0.0346	Gair Mumkin Nali	
43	Mandi	Mandi	Drang/Padhar/ Wah	Submergence Area	Wah		1125/965/271/1	19	15	4	1.5987	Pasture	
44	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		220/54/1	24	12	0	1.9903	D.P.F	
45	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		223/54/1	37	13	2	3.0465	U.P.F	

Statement showing details of forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khara No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswansi	11	12	13
46	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		228/205/126/1	3	15	0	0.3034	D.P.F	
47	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		228/205/126/2	17	16	5	1.4411	D.P.F	
48	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		231/205/126/1	1	5	12	0.1036	U.P.F	
49	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		231/205/126/2	3	16	16	0.3107	U.P.F	
30	Mandi	Mandi	Drang/Padhar/ Bewla	Submergence Area	Bewla		130	55	1	0	4.4539	Gair Mumkin Durg	
51	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1187/1140/629/1	23	9	9	1.8991	D.P.F	
52	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1189/1140/629/1	1	8	0	0.1133	U.P.F	
53	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1106	14	10	12	1.1756	U.P.F	
54	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1208/1107/1	3	9	18	0.2828	U.P.F	
55	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1110/1	3	15	15	0.3064	U.P.F	
56	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1150/1113/1	2	11	18	0.2100	U.P.F	
57	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1119	28	4	9	2.2834	U.P.F	
58	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		628/1	0	16	3	0.0653	Gair Mumkin Nail	
59	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1035	0	10	16	0.0437	Pasture	
60	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1036/1	2	5	8	0.1837	Pasture	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohan		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
61	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1037/1	0	7	6	0.0295	Gair Mumkin Nali	
62	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1108/1	5	5	2	0.4252	Gair Mumkin Nali	
63	Mandi	Mandi	Drang/Padhar/ Badagaon	Submergence Area	Badagaon		1118	1	9	5	0.1183	Pasture	
64	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		1/1	0	16	3	0.0653	Gair Mumkin Nallah	
65	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		261/250/1	21	7	17	1.7308	U.P.F	
66	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		262/40/1	18	6	7	1.4810	D.P.F	
67	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		263/40/1	8	10	13	0.6903	U.P.F	
68	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		50	41	8	2	3.3499	Gair Mumkin Dariya	
69	Mandi	Mandi	Mandi/Sadar Mandi/ Pakhri	Submergence Area	Pakhri		51/1	0	5	12	0.0227	Gair Mumkin Nallah	
70	Mandi	Mandi	Mandi/Sadar Mandi/ Mehad	Submergence Area	Mehad		72/1	0	5	12	0.0227	Gair Mumkin Nallah	
71	Mandi	Mandi	Mandi/Sadar Mandi/ Mehad	Submergence Area	Mehad		686/559/1	10	15	6	0.8710	D.P.F	
72	Mandi	Mandi	Mandi/Sadar Mandi/ Mehad	Submergence Area	Mehad		560	9	0	1	0.7284	Gair Mumkin Dariya	
73	Mandi	Mandi	Mandi/Sadar Mandi/ Mehad	Submergence Area	Mehad		561/1	0	4	10	0.0182	Gair Mumkin Nallah	
74	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		451/360/1	7	7	11	0.5969	D.P.F	
75	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		410/356/1	0	1	5	0.0051	U.P.F	

Statement showing details of Forest Area proposed for diversion for Thana Phnu HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Motal		Khasra No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasal			
1	2	3	4	5	6		7	8	9	10	11	12	13
76	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		449/357/1	6	9	8	0.5235	D.P.F.	
77	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		359/1	21	9	2	1.7358	D.P.F.	
78	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		361	18	12	6	1.5061	Gair Mumkin Darya	
79	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		362	8	9	19	0.6875	Gair Mumkin Darya	
80	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		863	15	8	16	1.2492	Gair Mumkin Darya	
81	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		102/1	0	4	10	0.0182	Pasture	
82	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		212/1	0	1	15	0.0071	Gair Mumkin Nail	
83	Mandi	Mandi	Mandi/Sadar Mandi/ Tandu	Submergence Area	Tandu		358	0	11	11	0.0467	Dev-Sman	
84	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		259/1	0	17	12	0.0712	U.P.F.	
85	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		232	6	2	0	0.4935	Gair Mumkin Darya	
86	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		204/1	0	12	10	0.0506	Pasture	
87	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		230/1	0	1	15	0.0071	Gair Mumkin Nail	
88	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		231/1	1	7	4	0.1100	Pasture	
89	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		234	2	13	8	0.2160	Pasture	
90	Mandi	Mandi	Mandi/Sadar Mandi/ Mathanial	Submergence Area	Mathanial		260/1	0	12	4	0.0494	Gair Mumkin Nail	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
91	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		298	111	11	10	9.0271	U.P.F	
92	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		861/333/1	6	14	9	0.5439	D.P.F	
93	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		846/331/1	1	1	4	0.0858	D.P.F	
94	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		847/331/1	0	19	18	0.0805	D.P.F	
95	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		332/1	0	4	10	0.0182	D.P.F	
96	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		296/1	0	12	12	0.0510	Gair Mumkin Nali	
97	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		299/1	1	1	15	0.0880	Pasture	
98	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		303/1	0	1	19	0.0079	Gair Mumkin Nali	
99	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		682/1	0	5	0	0.0202	Pasture	
100	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		830/253/1	0	9	2	0.0368	Gair Mumkin Khad	
101	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		884/297/1	1	4	0	0.0971	Pasture	
102	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		889/304/1	1	5	3	0.1017	Pasture	
103	Mandi	Mandi	Mandi/Sadar Mandi/ Megal	Submergence Area	Megal		892/836/1	2	4	19	0.1818	Pasture	
104	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1091/8/1	14	18	15	1.2085	U.P.F	
105	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1073/550/1	0	2	16	0.0113	U.P.F	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mchul		Khazra No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasal			
1	2	3	4	5	6		7	8	9	10	11	12	13
106	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1071/548/1	4	1	9	0.3295	U.P.F	
107	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		1/1	0	5	0	0.0202	Gair Mumkin Nallah	
108	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		549/1	0	4	10	0.0182	Gair Mumkin Darya	
109	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		552	26	8	2	2.1363	Gair Mumkin Darya	
110	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		553	26	18	10	2.1784	Gair Mumkin Darya	
111	Mandi	Mandi	Mandi/Sadar Mandi/ Bijan	Submergence Area	Bijan		554	37	10	4	3.0348	Gair Mumkin Darya	
112	Mandi	Mandi	Mandi/Sadar Mandi/ Bihad	Submergence Area		Arhi	291/1	6	4	10	0.5036	U.P.F	
113	Mandi	Mandi	Mandi/Sadar Mandi/ Bihad	Submergence Area		Arhi	292	27	6	14	2.2116	Gair Mumkin Darya	
114	Mandi	Mandi	Mandi/Sadar Mandi/ Bihad	Submergence Area		Arhi	222/1	0	1	5	0.0051	Gair Mumkin Nali	
115	Mandi	Mandi	Mandi/Sadar Mandi/ Bihad	Submergence Area		Gumaru	973/954/1/1	7	10	16	0.6100	U.P.F	
116	Mandi	Mandi	Mandi/Sadar Mandi/ Bihad	Submergence Area		Gumaru	2	54	5	12	4.3916	Gair Mumkin Darya	
117	Mandi	Mandi	Mandi/Sadar Mandi/ Bihad	Submergence Area		Gumaru	963/947/3/1	9	10	10	0.7706	U.P.F	
118	Mandi	Mandi	Mandi/Sadar Mandi/ Bihad	Submergence Area		Gumaru	957/928/1	8	15	17	0.7114	U.P.F	
119	Mandi	Mandi	Mandi/Sadar Mandi/ Bihad	Submergence Area		Gumaru	929	26	8	1	2.1361	Gair Mumkin Darya	
120	Mandi	Mandi	Mandi/Sadar Mandi/ Bihad	Submergence Area		Gumaru	925/1	0	1	5	0.0051	Gair Mumkin Nali	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
121	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	220/1	9	0	14	0.7310	U.P.F.	
122	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	520/1	0	6	5	0.0253	D.P.F.	
123	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	522/1	12	12	1	1.0196	D.P.F.	
124	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	224/1	0	2	5	0.0091	Gair Mumkin Nali	
125	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	225	23	7	1	1.8894	Gair Mumkin Dariya	
126	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Dhanyari	521	9	19	18	0.8087	Gair Mumkin Dariya	
127	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1/1	0	3	8	0.0138	U.P.F.	
128	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1314/1	20	1	19	1.6260	D.P.F.	
129	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	161/1	0	3	9	0.0140	D.P.F.	
130	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1627/1348/1	3	11	7	0.2886	U.P.F.	
131	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1315/1	5	17	10	0.4753	Pasture	
132	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1316/1	0	7	0	0.0283	Gair Mumkin Nali	
133	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1317	23	15	12	1.9239	Gair Mumkin Dariya	
134	Mandi	Mandi	Siagloo/Sadar Mandi/ Bhaled	Submergence Area		Bhaled	1349/1	0	2	5	0.0091	Gair Mumkin Nali	
135	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	801/1	14	11	16	1.1804	D.P.F.	

Statement showing details of Forest Area proposed for diversion for Thana Plann HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khanna No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasal			
1	2	3	4	5	6		7	8	9	10	11	12	13
136	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	803/1	0	3	7	0.0136	Gair Mumkin Nali	
137	Mandi	Mandi	Siagloo/Kotli/Tarnoh	Submergence Area		Tarnoh	802	10	7	5	0.8384	Gair Mumkin Darya	
138	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	2/1	0	10	14	0.0433	D.P.F	
139	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	302/1	41	19	15	3.3970	D.P.F	
140	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	1	27	9	0	2.2209	Gair Mumkin Darya	
141	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	6/1	83	0	15	6.7182	Pasture	
142	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	232/1	19	8	0	1.5696	Pasture	
143	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	233	45	15	16	3.7047	Gair Mumkin Darya	
144	Mandi	Mandi	Siagloo/Kotli/Jandrola	Submergence Area		Jandrola	609/1	0	1	4	0.0049	Gair Mumkin Nalish	
145	Mandi	Mandi	Siagloo/Kotli/Khand	Submergence Area		Khand	1	7	17	18	0.6388	Gair Mumkin Darya	
146	Mandi	Mandi	Siagloo/Kotli/Khand	Submergence Area		Khand	5/1	14	8	6	1.1663	Pasture	
147	Mandi	Mandi	Siagloo/Kotli/Khand	Submergence Area		Khand	226/1	0	5	3	0.0208	Gair Mumkin Nalish	
148	Mandi	Mandi	Siagloo/Kotli/Khand	Submergence Area		Khand	756/1	0	1	4	0.0049	Gair Mumkin Nali	
149	Mandi	Mandi	Siagloo/Kotli/Laswalia	Submergence Area		Laswalia	462/1	7	17	7	0.6365	U.P.F	
150	Mandi	Mandi	Siagloo/Kotli/Laswalia	Submergence Area		Laswalia	457/1	0	6	8	0.0259	Gair Mumkin Nalish	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mandal		Khasra No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
151	Mandi	Mandi	Siagloo/Kotli/Laswaukha	Submergence Area		Laswai khad	458	3	13	14	0.2981	Gair Mumkin Dariya	
152	Mandi	Mandi	Siagloo/Kotli/Laswaukha	Submergence Area		Laswai khad	514/1	0	3	3	0.0208	Gair Mumkin Nallah	
153	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	448/1	2	15	1	0.7227	U.P.F	
154	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	1501/1250/1	21	0	18	1.7027	U.P.F	
155	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	1	40	13	6	3.2900	Gair Mumkin Dariya	
156	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	180/1	38	9	4	3.1117	Pasture	
157	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	262	3	4	10	0.2609	Pasture	
158	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	263/1	1	1	2	0.0854	Gair Mumkin Nali	
159	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	264	31	18	19	2.5847	Pasture	
160	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	310/1	0	4	5	0.0172	Pasture	
161	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	419	30	11	12	2.4741	Pasture	
162	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	420	42	11	17	3.4460	Gair Mumkin Dariya	
163	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	421/1	0	6	0	0.0243	Gair Mumkin Nali	
164	Mandi	Mandi	Siagloo/Kotli/Sadoh	Submergence Area		Sadoh	1472/1	6	18	4	0.5591	Gair Mumkin Khad	
165	Mandi	Mandi	Siagloo/Kotli/Dawahan	Submergence Area		Dawahan	4/1	4	19	15	0.4035	U.P.F	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mekhal		Khazra No.	Area of forest land in			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswanti			
1	2	3	4	5	6		7	8	9	10	11	12	13
166	Mandi	Mandi	Singleo/Kotli/Dawahan	Submergence Area		Dawahan	1986/1	16	17	18	1.3669	U.P.F.	
167	Mandi	Mandi	Singleo/Kotli/Dawahan	Submergence Area		Dawahan	2093/1	5	18	8	0.4790	U.P.F.	
168	Mandi	Mandi	Singleo/Kotli/Dawahan	Submergence Area		Dawahan	1/1	0	8	5	0.0334	Gair Mumkin Nallah	
169	Mandi	Mandi	Singleo/Kotli/Dawahan	Submergence Area		Dawahan	2	14	9	17	1.1725	Gair Mumkin Darya	
170	Mandi	Mandi	Singleo/Kotli/Dawahan	Submergence Area		Dawahan	3/1	0	19	0	0.0769	Gair Mumkin Nali	
171	Mandi	Mandi	Singleo/Kotli/Dawahan	Submergence Area		Dawahan	2380/1	6	15	4	0.5469	Gair Mumkin Khad	
172	Mandi	Mandi	Singleo/Kotli/Ropa	Submergence Area		Ropa Mayal	22/1	0	7	4	0.0291	Gair Mumkin Nallah	
173	Mandi	Mandi	Singleo/Kotli/Ropa	Submergence Area		Ropa Mayal	224/1	2	12	14	0.2132	U.P.F.	
174	Mandi	Mandi	Singleo/Kotli/Ropa	Submergence Area		Ropa Mayal	226/1	0	10	10	0.0425	Gair Mumkin Nallah	
175	Mandi	Mandi	Singleo/Kotli/Ropa	Submergence Area		Ropa Mayal	265/1	6	16	1	0.5504	U.P.F.	
176	Mandi	Mandi	Singleo/Kotli/Ropa	Submergence Area		Ropa Mayal	496/1	11	6	18	0.9179	D.P.F.	
177	Mandi	Mandi	Singleo/Kotli/Ropa	Submergence Area		Ropa Mayal	497/1	0	8	5	0.0334	Gair Mumkin Nallah	
178	Mandi	Mandi	Singleo/Kotli/Ropa	Submergence Area		Ropa Mayal	396/1	0	9	2	0.0368	Gair Mumkin Nallah	
179	Mandi	Mandi	Singleo/Kotli/Ropa	Submergence Area		Ropa Mayal	494	10	17	13	0.8805	Gair Mumkin Darya	
180	Mandi	Mandi	Singleo/Kotli/Ropa	Submergence Area		Ropa Mayal	495	9	17	6	0.7981	Gair Mumkin Darya	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Molal		Khasra No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
181	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	325/1	2	10	0	0.2023	D.P.F	
182	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	326/1	33	12	2	2.7189	D.P.F	
183	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	344/1	0	8	11	0.0346	D.P.F	
184	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	345/1	23	11	0	1.9053	D.P.F	
185	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	346	11	1	16	0.8972	Gair Mumkin Dariya	
186	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	347	25	13	7	2.0767	Gair Mumkin Dariya	
187	Mandi	Mandi	Siagloo/Kotli/Badoha	Submergence Area		Badoha	348/1	0	7	4	0.0291	Gair Mumkin Nallah	
188	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	4/1	46	14	12	3.7807	D.P.F	
189	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	958/1	26	15	10	2.1663	D.P.F	
190	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	956/1/1	13	1	10	1.0578	U.P.F	
191	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	1/1	0	5	10	0.0222	Gair Mumkin Nallah	
192	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	2	12	11	6	1.0166	Gair Mumkin Dariya	
193	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	3	6	16	0	0.5502	Gair Mumkin Dariya	
194	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	957/1	0	8	11	0.0346	Gair Mumkin Nallah	
195	Mandi	Mandi	Siagloo/Kotli/Kot	Submergence Area		Kot	959	41	5	18	3.3410	Gair Mumkin Dariya	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsi/Village	Component of project	Mehal		Khazra No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasai			
1	2	3	4	5		6	7	8	9	10	11	12	13
196	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	256/1	1	0	6	0.0821	U.P.F.	
197	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	257/1	6	10	10	0.5279	D.P.F.	
198	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	74/1	10	18	0	0.8819	U.P.F.	
199	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	75/1	74	6	6	6.0125	U.P.F.	
200	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	782/1	13	4	18	1.0716	D.P.F.	
201	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	797/1	1	13	0	0.1335	U.P.F.	
202	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	255/1	53	16	8	4.3544	U.P.F.	
203	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	255/2	5	13	0	0.4571	U.P.F.	
204	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	1/1	35	1	16	2.8390	Gair Mumkin Khud	
205	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	2	10	4	10	0.8273	Gair Mumkin Darya	
206	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	3	9	16	15	0.7959	Gair Mumkin Darya	
207	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	76	60	14	15	4.9140	Gair Mumkin Darya	
208	Mandi	Mandi	Siagloo/Kotli/Kun	Submergence Area		Kun	627/1	0	5	10	0.0222	Gair Mumkin Mullah	
209	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	2/1 min	4	6	4	0.3487	D.P.F.	
210	Mandi	Mandi	Siagloo/Kotli/Mahan	Submergence Area		Mahan	2/2 min	18	11	10	1.5028	D.P.F.	

**Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL
For Surface Activity in Forest Division Mandi**

Sr. No.	District	Forest Division	Range/Tesh/Village	Component of project	Mehal		Kharra No.	Area of forest land in			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasi			
1	2	3	4	5		6	7	8	9	10	11	12	13
211	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	28	0	1	10	0.0061	U.P.F	
212	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	1 min	17	15	14	1.4389	Gair Mumkin Darya	
213	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	218	16	3	5	1.3076	Gair Mumkin Khad	
214	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	182	1	11	4	0.1262	U.P.F	
215	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	183/1	0	6	18	0.0279	U.P.F	
216	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	160/1	1	4	13	0.0997	U.P.F	
217	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	929/1	32	14	12	2.6481	Gair Mumkin Khad	
218	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	227	0	14	10	0.0587	U.P.F	
219	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	302/1	1	16	15	0.1487	U.P.F	
220	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	2/4	13	0	6	1.0530	D.P.F	
221	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	25	0	3	12	0.0146	Pasture	
222	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	159/1	0	16	18	0.0684	Khudetar	
223	Mandi	Mandi	Singlao/Kotli/Mahan	Submergence Area		Mahan	187	0	12	8	0.0502	Khudetar	
							Grand Total	2904	16	19	235.0200		

Notes: Conversion of Bigha - Biswa - Biswasi to Hect = [Bigha + Biswa/20 + Biswasi/400] * 12.35

Divisional Forest Officer
Forest Division Mandi (H.P.)

General Manager
TM & TP HEP's, HPPCL
Suyyapur Thana, Dist Hapur (H.P.)

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW)

For Underground Activity in Forest Division Mandi

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mandi		Khassra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasai			
1	2	3	4	5	6		7	8	9	10	11	12	13
1	Mandi	Mandi	Singleo/Kotli/Mahm	Diversion Tunnel & requisite associated job facilities		Mahm	272 min	15	0	0	1.2136	D.P.F	
			Total					15	0	0	1.2136		

Note= Conversion of Bigha- Biswa- Biswansi in to Hect.= [Bigha+Biswa/20+ Biswansi/400]/12.36


Divisional Forest Officer
Forest Division Mandi (H.P.)


Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

General Abstract of Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
1	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Intake & requisite associated Job facilities	Ropru		532/505/1 min	2	0	0	0.1618	U.P.F	
2	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		532/505/1 min	3	0	0	0.2427	U.P.F	
3	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		532/505/2	4	18	7	0.3979	U.P.F	
4	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		498/1 min	3	0	0	0.2427	U.P.F	
5	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		530/500/2 min	1	0	0	0.0809	Pasture	
6	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		530/500/1	1	15	5	0.1426	Pasture	
7	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	MAT & requisite associated Job facilities	Ropru		530/500/2 min	2	0	0	0.1618	Pasture	
8	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	MAT & requisite associated Job facilities	Nagan		1178/1 min	11	0	0	0.8900	D.P.F	
9	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Power House & requisite associated Job facilities	Ropru		530/500/2 min	4	0	0	0.3236	Pasture	
10	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Pressure Shaft/Penstock	Ropru		530/500/2 min	3	0	0	0.2427	Pasture	

Statement showing details of Forest Area proposed for diversion for Thana Gaur Maun HEP (191 MW), HPPCL

General Abstract of Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khazra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Bhewani			
1	2	3	4	5			7	8	9	10	11	12	13
				Transformer Cavern 1/c draft tube & escape tunnel, cable Tunnel & requisite associated job facilities	Nagan		1178/1 min	20	0	0	1.6181	D.P.F	
11	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan										
				Tall Race Tunnel & requisite associated job facilities	Nagan		1178/1 min	2	0	0	0.1618	D.P.F	
12	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan										
				Audit & requisite associated job facilities	Nagan		1178/1 min	5	1	0	0.4086	D.P.F	
13	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan										
				Dam & requisite associated job facilities	Ropru		532/505/1 min	4	0	0	0.3236	U.P.F	
14	Mandi	J/Nagar	J. Nagar/Ropru										
				Dam & requisite associated job facilities	Ropru		504 min	2	0	0	0.1618	Gair Mumkin Daryu	
15	Mandi	J/Nagar	J. Nagar/Ropru										
				Coffer Dam U/S & requisite associated job facilities	Ropru		504 min	1	0	0	0.0809	Gair Mumkin Daryu	
16	Mandi	J/Nagar	J. Nagar/Ropru										
				Plunge Pool 1/c D/S Coffer Dam	Ropru		504 min	2	0	0	0.1618	Gair Mumkin Daryu	
17	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru										
				Pot head Yarl, Cable Tunnel & requisite associated job facilities	Ropru		498/1 min	1	12	0	0.1294	U.P.F	
18	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru										
19	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba- Ra- Ghara	Mazibac	Amba- Ra- Ghara		343/330/2	2	12	10	0.2124	D.P.F	

Statement showing details of Forest Area proposed for diversion for Thann Plaun HEP (191 MW), HPPCL

General Abstract of Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mahal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswanst			
1	2	3	4	5	6		7	8	9	10	11	12	13
20	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		499	11	1	5	0.8950	Rutta Sarkar	Kanda Pattan to Dam site
21	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		498/1 min	2	7	9	0.1919	U.P.F	Do
22	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		498/02	2	11	18	0.2100	U.P.F	Do
23	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		532/505/1 min	2	0	0	0.1618	U.P.F	Do
24	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Road/Job facility	Ropru		530/500/2 min	37	12	19	3.0459	Pasture	Do
25	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1178/1 min	5	0	0	0.4045	D.P.F	Kanda Pattan to Dam site
26	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1174/1	0	2	5	0.0091	Gair Mumkin	Do
27	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1175/1	40	17	8	3.3066	D.P.F	Do
28	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1176/1	1	13	10	0.1355	Gair Mumkin	Do
29	Mandi	J/Nagar	J/Nagar/J. Nagar/Nagan	Road/Job facility	Nagan		1177/1	85	12	8	6.9272	Nallah	Do
30	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba- Ra- Ghara	Road/Job facility	Amba ra Ghara		343/330/1	25	15	2	2.0837	D.P.F	Kanda Pattan to Dam site
31	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba- Ra- Ghara	Road/Job facility	Amba ra Ghara		343/330/3	4	3	14	0.3386	D.P.F	Do
32	Mandi	J/Nagar	J/Nagar/J. Nagar/Amba- Ra- Ghara	Road/Job facility	Amba ra Ghara		333/1	0	2	5	0.0091	D.P.F	Do
33	Mandi	J/Nagar	J/Nagar/J. Nagar/Jhamehid	Road/Job facility	Jhamehid		1984/1744/1	6	18	16	0.5615	D.P.F	Kanda Pattan to Dam site
34	Mandi	J/Nagar	J/Nagar/J. Nagar/Jhamehid	Road/Job facility	Jhamehid		1985/1744/1	9	5	17	0.7518	D.P.F	Do
35	Mandi	J/Nagar	J/Nagar/J. Nagar/Jhamehid	Road/Job facility	Jhamehid		1941/1	7	12	14	0.6177	D.P.F	Do
36	Mandi	J/Nagar	J/Nagar/J. Nagar/Jhamehid	Road/Job facility	Jhamehid		672/1	0	1	15	0.0071	Gair Mumkin	Do
37	Mandi	J/Nagar	J/Nagar/J. Nagar/Pabo	Road/Job facility	Pabo		1541/1	12	13	9	1.0253	D.P.F	Kanda Pattan to Dam site

Statement showing details of Forest Area proposed for diversion for Thana Jaun HEP (191 MW), HPPCL

General Abstract of Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mehal		Khazra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswani	11	12	13
38	Mandi	J/Nagar	J/Nagar/I. Nagar/Pabo	Road/Job facility	Pabo		341/1	0	1	15	0.0071	Gair Mumkin Nali	Do
39	Mandi	J/Nagar	Dhampur/Kotli/ Dhalwani	Road/Job facility		Dhalwani	3/1	81	13	2	6.6064	D.P.F	Mahan to Dam site
40	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3129/3103/1	11	7	0	0.9183	D.P.F	
41	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3131/3091/1	27	5	17	2.2081	D.P.F	
42	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3133/3097/1	79	17	15	6.4634	D.P.F	
43	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3134/3097/1	0	8	1	0.0326	U.P.F	
44	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3132/3091/1	5	16	19	0.4731	Pasture	
45	Mandi	J/Nagar	J/Nagar/I. Nagar/Neri kotla	Dumping Area	Neri Kotla		3179/3145/1	3	2	14	0.2536	Pasture	
46	Mandi	J/Nagar	Dhampur/Sarkaghat/ Sidhpur	Quarry site		Sidhpur	1/1	18	8	11	1.4911	Gair Mumkin Khad	Thodu Nallah
47	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli Pardana	Quarry site		Tatoli Pardana	1/2	42	19	18	3.4787	Gair Mumkin Khad	Thodu Nallah
48	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli Pardana	Quarry site		Sidhpur	5748/5595/1	18	8	11	1.4911	Gair Mumkin Khad	Thodu Nallah
49	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli Pardana	Quarry site		Sidhpur	5748/5548/2	37	12	14	3.0421	Gair Mumkin Khad	Thodu Nallah
50	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli Pardana	Quarry site		Tatoli Pardana	3185	35	18	3	2.9053	Gair Mumkin Khad	Malhot Khad
51	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tatoli Pardana	Quarry site		Tatoli Pardana	3187/1	11	16	14	0.9576	Gair Mumkin Khad	Malhot Khad
52	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tahti	Quarry site		Tahti	04/1	11	16	14	0.9576	Gair Mumkin Khad	Malhot Khad
53	Mandi	J/Nagar	Dhampur/Sarkaghat/ Maryan	Quarry site		Maryan	108/1	35	18	3	2.9054	Gair Mumkin Nali	Malhot Khad
54	Mandi	J/Nagar	Dhampur/Sarkaghat/ Tahti	Quarry site		Tahti	1401	20	15	12	1.6813	Gair Mumkin Khad	Sekaria Khad

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL
General Abstract of Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
55	Mandi	J/Nagar	Dharmpur/Sarkaghat/ Tathi	Quarry site		Tathi	1402	67	16	16	5.4888	Gair Mumkin Khad	Sakrai Khad
56	Mandi	J/Nagar	Dharmpur/Sarkaghat/ Tathed	Quarry site		Tathed	1798	38	15	10	3.1372	Gair Mumkin Khad	Sakrai Khad
57	Mandi	J/Nagar	Dharmpur/Sarkaghat/ Kot	Quarry site		Kot	974	67	16	16	5.4889	Gair Mumkin Khad	Sakrai Khad
58	Mandi	J/Nagar	Dharmpur/Sarkaghat/ Balada	Quarry site		Balada	1409/222	37	6	14	3.0181	Gair Mumkin Khad	Sakrai Khad
59	Mandi	J/Nagar	Dharmpur/Sarkaghat/ Balada	Quarry site		Balada	681	20	15	12	1.6813	Gair Mumkin Khad	Sakrai Khad
60	Mandi	J/Nagar	Dharmpur/Sarkaghat/ Banal	Quarry site		Banal	1291	46	2	12	3.7323	Gair Mumkin Khad	Son Khad
61	Mandi	J/Nagar	Dharmpur/Sarkaghat/ Banal	Quarry site		Riyur	1	4	10	2	0.3646	Gair Mumkin Khad	Son Khad
62	Mandi	J/Nagar	J/Nagar/J. Nagar/Prair	Quarry site	Prair		2721/1	50	18	12	4.1207	Gair Mumkin Dariya	Beas River (at Prair)
63	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		504 min	4	19	17	0.4039	Gair Mumkin Dariya	
64	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		524/448	29	6	3	2.3712	Gair Mumkin Khad	
65	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		507	26	0	13	2.1062	Gair Mumkin Dariya	
66	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		527/477/1	10	10	0	0.8495	U.P.F	
67	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		527/477/2	3	4	7	0.2603	U.P.F	
68	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		514/452/1	35	17	15	2.9035	U.P.F	
69	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		466/1	6	0	0	0.4854	U.P.F	
70	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		535/6/1	49	4	18	3.9842	U.P.F	
71	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		532/505/1	30	9	3	2.4642	U.P.F	
72	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		446/1	22	4	3	1.7967	Pasture	
73	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		447/1	0	6	5	0.0253	Gair Mumkin Nallah	
74	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		453/1	0	16	16	0.0680	Gair Mumkin Nallah	

Statement showing details of Forest Area proposed for diversion for Thana Jaun HEP (191 MW), HPPCL
General Abstract of Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohai		Khara No.	Area of forest land			Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswaai	11	12	13
75	Mandi	J/Nagar	J/Nagar/I. Nagar/Ropra	Submergence Area	Ropra		467/1	0	12	4	0.0494	Gair Mumkin Nallah	
76	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		152	0	6	2	0.0247	Rutta Sarkar	
77	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		153	0	3	5	0.0131	Rutta Sarkar	
78	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		155	0	4	8	0.0178	Rutta Sarkar	
79	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		156	0	6	13	0.0269	Rutta Sarkar	
80	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		157	0	4	16	0.0194	Rutta Sarkar	
81	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		231	7	0	14	0.5692	Gair Mumkin Khad	
82	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		781	0	0	15	0.0030	Gair Mumkin Khad	
83	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		815/785	27	7	8	2.2144	Gair Mumkin Khad	
84	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		818/817/1	4	0	6	0.3248	D.P.F	
85	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		151/1	2	11	19	0.2102	Pasture	
86	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		154	0	7	10	0.0303	Pasture	
87	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		248	0	5	8	0.0218	Pasture	
88	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		249	0	6	10	0.0263	Pasture	
89	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		250	6	9	16	0.4251	Pasture	
90	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		252	0	2	14	0.0109	Gair Mumkin Nall	
91	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		1/1	0	3	4	0.0129	Gair Mumkin Nall	
92	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		253	0	2	2	0.0085	Pasture	
93	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		262/1	4	8	10	0.3580	Pasture	
94	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		422	0	19	2	0.0773	Pasture	
95	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		423	0	16	9	0.0665	Pasture	
96	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		813/778/1	1	15	10	0.1436	Pasture	
97	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		813/778/2	4	4	2	0.3402	Pasture	
98	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		813/778/3	4	14	13	0.3829	Pasture	
99	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		306/1	0	5	0	0.0202	Gair Mumkin Nall	
100	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		779/1	0	6	5	0.0253	Gair Mumkin Nall	
101	Mandi	J/Nagar	J/Nagar/I. Nagar/Bath	Submergence Area	Bath		451	0	9	6	0.0376	Pasture	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

General Abstract of Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mahal	Khazra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank	Bigha	Biswa	Bliswansi			
1	2	3	4	5	6							
102	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		7	8	9	10	11	12
							242/1	0	1	0	0.0040	Pasture
103	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		418/1	0	10	0	0.0405	Gair Mumkin Nali
104	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		419/1	3	9	5	0.2801	Pasture
105	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		774/1	0	5	6	0.0214	Gair Mumkin Nali
106	Mandi	J/Nagar	J/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh		689/649/1	0	6	8	0.0259	Gair Mumkin Nallah
107	Mandi	J/Nagar	J/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh		691/656/1	11	13	8	0.9442	D.P.F
108	Mandi	J/Nagar	J/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh		658	8	6	2	0.6719	Gair Mumkin Nallah
109	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1042/998/1	1	19	18	0.1614	D.P.F
110	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1046/1010	32	0	15	2.5920	Gair Mumkin Khad
111	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1001	20	5	7	1.6398	Gair Mumkin Khad
112	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		935	0	12	14	0.0514	Dhani Dom
113	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		939	0	14	18	0.0603	Pasture
114	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		995	0	8	2	0.0328	Pasture
115	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		707/1	0	14	17	0.0601	Gair Mumkin Nallah
116	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		762/1	10	13	15	0.8647	Pasture
117	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		763/1	0	8	10	0.0344	Pasture
118	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		926	0	4	4	0.0170	Pasture
119	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		937	1	3	1	0.0932	Pasture
120	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		938/1	0	3	12	0.0146	Gair Mumkin Nallah
121	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1043/998/1	0	7	5	0.0293	Pasture
122	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1037/1026/1	4	18	2	0.3968	Pasture
123	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1/1	0	2	12	0.0105	Gair Mumkin Nali
124	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		689/1	2	16	1	0.2267	Pasture
125	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		925/1	11	1	9	0.8958	Pasture
126	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1030/683/1	12	2	3	0.9796	Pasture

Statement showing details of Forest Area proposed for diversion for Thana Chhuan HEP (191 MW), HPPCL

General Abstract of Forest Division Jopinder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal	Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks	
1	2	3	4	5	Right bank	Left bank	7	Bigha	Biswa	Biswasal	11	12	13
127	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		923/1	0	6	4	0.0251	Pasture	
128	Mandi	J/Nagar	J/Nagar/J. Nagar/Bharmera	Submergence Area	Bharmera		380/1	14	18	10	1.2075	Gair Mumkin Khad	
129	Mandi	J/Nagar	J/Nagar/J. Nagar/Bharmera	Submergence Area	Bharmera		592/1	0	2	12	0.0105	Gair Mumkin Nali	
130	Mandi	J/Nagar	J/Nagar/J. Nagar/Bharmera	Submergence Area	Bharmera		611/602/1	11	8	6	0.9235	Pasture	
131	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		347/1	8	9	0	0.6837	U.P.F	
132	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		350/1	13	12	6	1.1015	Gair Mumkin Khad	
133	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		351	32	11	4	2.6343	Gair Mumkin Khad	
134	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		407/400/1	15	2	0	1.2217	U.P.F	
135	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		351/1/1	20	3	1	1.6305	Pasture	
136	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		335/1	0	12	7	0.0580	Pasture	
137	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		336/1	0	2	12	0.0105	Pasture	
138	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		352/1	0	5	0	0.0202	Gair Mumkin Baradi	
139	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		232/1	26	10	0	2.1440	U.P.F	
140	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		562	7	0	10	0.5684	Gair Mumkin Khad	
141	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		301	8	4	19	0.6673	Gair Mumkin Khad	
142	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		577/233	20	8	12	1.6529	Gair Mumkin Khad	
143	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		564/232/1/1	5	5	0	0.4248	D.P.F	
144	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		237/1	1	19	8	0.1594	Rutta Sarkar	
145	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		277/1	2	4	16	0.1812	Rutta Sarkar	
146	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogel	Submergence Area	Banogel		302/1	2	13	2	0.2148	Rutta Sarkar	

5/1

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

General Abstract of Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
147	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	520/1	1	19	13	0.1604	Rutta Sarkar	
148	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	231	0	7	5	0.0293	Gair Mumkin Nali	
149	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	234	0	13	12	0.0550	Pasture	
150	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	518/1	0	4	14	0.0190	Pasture	
151	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	519/1	2	10	12	0.2047	Pasture	
152	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	521	4	12	1	0.3724	Pasture	
153	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	550/1	7	4	0	0.5825	Pasture	
154	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	559/1	5	5	14	0.4276	Pasture	
155	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	558/1	0	2	11	0.0103	Gair Mumkin Nali	
156	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	560	0	0	4	0.0008	Gair Mumkin Chashma	
157	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	404	19	13	10	1.5918	D.P.F	
158	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	435/405/1	45	11	0	3.6853	D.P.F	
159	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	431/425/1	12	14	3	1.0281	D.P.F	
160	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	432/425/1	0	15	0	0.0607	U.P.F	
161	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	402/1	23	6	12	1.8875	U.P.F	
162	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	403	27	17	2	2.2536	U.P.F	
163	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	436/405/1	2	6	2	0.1865	U.P.F	

Statement showing details of Forest Area proposed for diversion for Thana, Jaun HEP (191 MW), HPPCL.

General Abstract of Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Teht/Village	Component of project	Mabai		Khazra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswami			
1	2	3	4	5			7	8	9	10	11	12	13
164	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		442/439	18	19	4	1.5340	Gair Mumkin Khad	
165	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		192/1	2	0	0	0.1618	Rutta Sarkar	
166	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		193	1	1	0	0.0850	Rutta Sarkar	
167	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		201/1	1	9	14	0.1301	Rutta Sarkar	
168	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		202/1	0	18	9	0.0746	Rutta Sarkar	
169	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		179/1	4	14	8	0.1819	Rutta Sarkar	
170	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		178	0	11	14	0.0473	Rutta Sarkar	
171	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		207	0	14	6	0.0578	Rutta Sarkar	
172	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		204/1	1	18	4	0.1545	Rutta Sarkar	
173	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		205/1	3	1	3	0.2478	Rutta Sarkar	
174	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		206/1	2	5	19	0.1859	Rutta Sarkar	
175	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		1/1	0	2	11	0.0103	Gair Mumkin Nali	
176	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		118/1	0	1	18	0.0077	Gair Mumkin Nali	
177	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		203/1	6	0	0	0.4854	Pasture	
178	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		233/1	0	7	16	0.0316	Pasture	
179	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		215/1	1	14	0	0.1375	Pasture	
180	Mandi	J/Nagar	J/Nagar/1. Nagar/Bantoo Abal	Submergence Area	Bantoo Abal		378/1	3	2	16	0.2540	Pasture	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW). HPPCL

General Abstract of Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mehal		Khata No.	Area of forest land				Area of forest land in Hect.	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasi				
1	2	3	4	5			7	8	9	10		11	12	13
181	Mandi	J/Nagar	J/Nagar/J. Nagar/Barroo Abul	Submergence Area		Barroo Abul	379	3	10	10		0.2852	Pasture	
182	Mandi	J/Nagar	J/Nagar/J. Nagar/Barroo Abul	Submergence Area		Barroo Abul	374/1	3	4	16		0.2621	Pasture	
183	Mandi	J/Nagar	J/Nagar/J. Nagar/Barroo	Submergence Area	Barroo		546/532/1	4	6	19		0.3517	U.P.F.	
184	Mandi	J/Nagar	J/Nagar/J. Nagar/Barroo	Submergence Area	Barroo		534	60	14	15		4.9140	Gair Mumkin	
185	Mandi	J/Nagar	J/Nagar/J. Nagar/Barroo	Submergence Area	Barroo		533/1	54	7	16		4.4803	U.P.F.	
186	Mandi	J/Nagar	J/Nagar/J. Nagar/Barroo	Submergence Area	Barroo		535/1	11	4	0		0.9061	U.P.F.	
187	Mandi	J/Nagar	J/Nagar/J. Nagar/Barroo	Submergence Area	Barroo		536/1	37	1	11		2.9998	U.P.F.	
188	Mandi	J/Nagar	J/Nagar/J. Nagar/Barroo	Submergence Area	Barroo		203/1	15	0	2		1.7140	Gair Mumkin	
Grand Total							2108	15	0	15		170.5580		

in to Hect.= [Bigha+Biswa/20+ Biswasi/400]/12.36

Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

General Manager,
TM & IP HEP's, HPPCL,
Sujanpur Tibba, Distt. Bhaupur G.P.

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khasra No.	Area of forest land in Bigha Biswa Diswansi			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		8	9	10			
1	2	3	4	5	6		7				11	12	13
1	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Dam & requisite associated Job facilities	Ropru		532/503/1 min	4	0	0	0.3236	U.P.F	
2	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Dam & requisite associated Job facilities	Ropru		504 min	2	0	0	0.1618	Gair Mumkin Dariya	
3	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Coffor Dam U/S & requisite associated Job facilities	Ropru		504 min	1	0	0	0.0809	Gair Mumkin Dariya	
4	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Plunge Pool i/c D/S Coffor Dam	Ropru		504 min	2	0	0	0.1618	Gair Mumkin Dariya	
5	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Plot head Yard, Cable Tunnel & requisite associated Job facilities	Ropru		498/1 min	1	12	0	0.1294	U.P.F	
6	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Magzine	Ropru		343/330/2	2	12	10	0.2124	D.P.F	
7	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Road/Job facility	Ropru		499	11	1	5	0.8950	Rutta Sarkar	Kanda Pattan to Dam site
8	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Road/Job facility	Ropru		498/1 min	2	7	9	0.1919	U.P.F	Do
9	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Road/Job facility	Ropru		498/02	2	11	18	0.2100	U.P.F	Do
10	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Road/Job facility	Ropru		532/505/1 min	2	0	0	0.1618	U.P.F	Do
11	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Road/Job facility	Ropru		530/500/2 min	37	12	19	3.0459	Pasture	Do
12	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Road/Job facility	Nagan		1178/1 min	5	0	0	0.4045	D.P.F	Kanda Pattan to Dam site
13	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Road/Job facility	Nagan		1174/1	0	2	5	0.0091	Gair Mumkin Nali	Do
14	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Road/Job facility	Nagan		1175/1	40	17	8	3.3066	D.P.F	Do
15	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Road/Job facility	Nagan		1176/1	1	13	10	0.1355	Gair Mumkin Nallah	Do
16	Mandi	J/Nagar	J/Nagar/ Nagar/Ropru	Road/Job facility	Nagan		1177/1	85	12	8	6.9272	D.P.F	Do

Statement showing details of Forest Area proposed for diversion for Thana Piuun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal		Khazra No.	Area of forest land in			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswa			
1	2	3	4	5	6		7	8	9	10	11	12	13
			J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		343/330/1	25	15	2	2.0837	D.P.F	Kanda Parton to Dam site
17	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		343/330/3	4	3	14	0.3386	D.P.F	Do
18	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		333/1	0	2	5	0.0091	D.P.F	Do
19	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra								Kanda Parton to Dam site
20	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		1984/1744/1	6	18	16	0.5615	D.P.F	Do
21	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		1985/1744/1	9	5	17	0.7518	D.P.F	Do
22	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		1941/1	7	12	14	0.6177	D.P.F	Do
23	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		572/1	0	1	15	0.0071	D.P.F	Do
24	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		1541/1	12	13	9	1.0253	D.P.F	Kanda Parton to Dam site
25	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		341/1	0	1	15	0.0071	D.P.F	Do
26	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		3/1	81	13	2		D.P.F	Mehan to Dam site
27	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		3129/3103/1	11	7	0	0.9183	D.P.F	
28	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		3131/3091/1	27	5	17	2.2081	D.P.F	
29	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		3133/3097/1	79	17	15	6.4634	D.P.F	
30	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		3134/3097/1	0	8	1	0.0326	D.P.F	
31	Mandi	J/Nagar	J/Nagar/I. Nagar/Amba-Ra- Ghara	Road/Job facility	Amba ra Gahra		3132/3091/1	5	16	19	0.4731	Pasture	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land in Biswa			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Higha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
32	Mandi	I/Nagar	I/Nagar/1. Nagar/Neri kotla	Dumping Area	Neri Kotla		3179/3145/1	3	2	14	0.2536	Pasture	
33	Mandi	I/Nagar	Dhampur/Sarkaghat/Sidhpur	Quarry site		Sidhpur	1/1	18	8	11	1.4911	Gair Mumkin Khad	Thodu Nallah
34	Mandi	I/Nagar	Dhampur/Sarkaghat/Tatoli Pardana	Quarry site		Tatoli Pardana	1/2	42	19	18	3.4787	Gair Mumkin Khad	Thodu Nallah
35	Mandi	I/Nagar	Dhampur/Sarkaghat/Tatoli Pardana	Quarry site		Sidhpur	5748/5595/1	18	8	11	1.4911	Gair Mumkin Khad	Thodu Nallah
36	Mandi	I/Nagar	Dhampur/Sarkaghat/Tatoli Pardana	Quarry site		Sidhpur	5748/5548/2	37	12	14	3.0421	Gair Mumkin Khad	Thodu Nallah
37	Mandi	I/Nagar	Dhampur/Sarkaghat/Tatoli Pardana	Quarry site		Tatoli Pardana	3185	35	18	3	2.9053	Gair Mumkin Khad	Malhot Khad
38	Mandi	I/Nagar	Dhampur/Sarkaghat/Tatoli Pardana	Quarry site		Tatoli Pardana	3187/1	11	16	14	0.9576	Gair Mumkin Khad	Malhot Khad
39	Mandi	I/Nagar	Dhampur/Sarkaghat/Tatoli	Quarry site		Tatoli	04/1	11	16	14	0.9576	Gair Mumkin Khad	Malhot Khad
40	Mandi	I/Nagar	Dhampur/Sarkaghat/Naryangarh	Quarry site		Naryangarh	108/1	35	18	3	2.9054	Gair Mumkin Nali	Malhot Khad
41	Mandi	I/Nagar	Dhampur/Sarkaghat/Tatoli	Quarry site		Tatoli	1401	20	15	12	1.6813	Gair Mumkin Khad	Sakrai Khad
42	Mandi	I/Nagar	Dhampur/Sarkaghat/Tatoli	Quarry site		Tatoli	1402	67	16	16	5.4888	Gair Mumkin Khad	Sakrai Khad
43	Mandi	I/Nagar	Dhampur/Sarkaghat/Tanbed	Quarry site		Tanbed	1798	38	15	10	3.1372	Gair Mumkin Khad	Sakrai Khad
44	Mandi	I/Nagar	Dhampur/Sarkaghat/Kot	Quarry site		Kot	974	67	16	16	5.4889	Gair Mumkin Khad	Sakrai Khad
45	Mandi	I/Nagar	Dhampur/Sarkaghat/Balada	Quarry site		Balada	1409/222	37	6	14	3.0181	Gair Mumkin Khad	Sakrai Khad
46	Mandi	I/Nagar	Dhampur/Sarkaghat/Balada	Quarry site		Balada	681	20	15	12	1.6813	Gair Mumkin Khad	Sakrai Khad
47	Mandi	I/Nagar	Dhampur/Sarkaghat/Banal	Quarry site		Banal	1291	46	2	12	3.7323	Gair Mumkin Khad	Son Khad
48	Mandi	I/Nagar	Dhampur/Sarkaghat/Banal	Quarry site		Riyur	1	4	10	2	0.3646	Gair Mumkin Khad	Son Khad

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsi/village	Component of project	Mehul		Khazra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigla	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
49	Mandi	J/Nagar	J/Nagar/J. Nagar/Praia	Quarry site	Praia		272/1	50	18	12	4.1207	Gair Mumkin Darya	Beas River (at Praia)
50	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		504 min	4	19	17	0.4039	Gair Mumkin Darya	
51	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		524/448	29	6	3	2.3712	Gair Mumkin Khad	
52	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		507	26	0	13	2.1062	Gair Mumkin Darya	
53	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		527/477/1	10	10	0	0.8495	U.P.F	
54	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		527/477/2	3	4	7	0.2603	U.P.F	
55	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		514/452/1	35	17	15	2.9035	U.P.F	
56	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		466/1	6	0	0	0.4854	U.P.F	
57	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		515/6/1	49	4	18	3.9842	U.P.F	
58	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		532/505/1	30	9	3	2.4642	U.P.F	
59	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		446/1	22	4	3	1.7967	Pasture	
60	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		447/1	0	6	5	0.0253	Gair Mumkin Nallah	
61	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		453/1	0	16	16	0.0680	Gair Mumkin Nallah	
62	Mandi	J/Nagar	J/Nagar/J. Nagar/Ropru	Submergence Area	Ropru		467/1	0	12	4	0.0494	Gair Mumkin Nallah	
63	Mandi	J/Nagar	J/Nagar/J. Nagar/Bath	Submergence Area	Bath		152	0	6	2	0.0247	Rutta Sarkar	
64	Mandi	J/Nagar	J/Nagar/J. Nagar/Bath	Submergence Area	Bath		153	0	3	5	0.0131	Rutta Sarkar	
65	Mandi	J/Nagar	J/Nagar/J. Nagar/Bath	Submergence Area	Bath		155	0	4	8	0.0178	Rutta Sarkar	

Statement showing details of Forest Area proposed for diversion for Thana Plain HEP (191 MW), HPPCL

For Surface Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Moha		Khasra No.	Area of forest land in			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswanai			
1	2	3	4	5	6		7	8	9	10	11	12	13
66	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		156	0	6	13	0.0269	Rutta Sarkar	
67	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		157	0	4	16	0.0194	Rutta Sarkar	
68	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		251	7	0	14	0.5692	Gair Mumkin Khad	
69	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		781	0	0	15	0.0030	Gair Mumkin Khad	
70	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		815/785	27	7	8	2.2144	Gair Mumkin Khad	
71	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		818/817/1	4	0	6	0.3248	D.P.F	
72	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		151/1	2	11	19	0.2102	Pasture	
73	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		154	0	7	10	0.0303	Pasture	
74	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		248	0	5	8	0.0218	Pasture	
75	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		249	0	6	10	0.0263	Pasture	
76	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		250	6	9	16	0.5251	Pasture	
77	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		252	0	2	14	0.0109	Gair Mumkin Nali	
78	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		1/1	0	3	4	0.0129	Gair Mumkin Nali	
79	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		253	0	2	2	0.0085	Pasture	
80	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		262/1	4	8	10	0.3580	Pasture	
81	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		422	0	19	2	0.0773	Pasture	
82	Mandi	J/Nagar	J/Nagar/J. Nagar/Balh	Submergence Area	Balh		423	0	16	9	0.0665	Pasture	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mahal		Khaura No.	Area of forest land in			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigla	Biswal	Biswanai			
1	2	3	4	5	6		7	8	9	10	11	12	13
83	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		813/778/1	1	15	10	0.1436	Pasture	
84	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		813/778/2	4	4	2	0.3402	Pasture	
85	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		813/778/3	4	14	13	0.3829	Pasture	
86	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		306/1	0	5	0	0.0202	Gair Mumkin Nall	
87	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		779/1	0	6	5	0.0253	Gair Mumkin Nall	
88	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		451	0	9	6	0.0376	Pasture	
89	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		242/1	0	1	0	0.0040	Pasture	
90	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		418/1	0	10	0	0.0405	Gair Mumkin Nall	
91	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		419/1	3	9	5	0.2801	Pasture	
92	Mandi	J/Nagar	J/Nagar/I. Nagar/Balh	Submergence Area	Balh		774/1	0	5	6	0.0214	Gair Mumkin Nall	
93	Mandi	J/Nagar	J/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh		689/649/1	0	6	8	0.0259	Gair Mumkin Nallah	
94	Mandi	J/Nagar	J/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh		691/656/1	11	13	8	0.0442	D.P.F	
95	Mandi	J/Nagar	J/Nagar/I. Nagar/Charonjh	Submergence Area	Charonjh		658	8	6	2	0.6719	Gair Mumkin Nallah	
96	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1042/998/1	1	19	18	0.1614	D.P.F	
97	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1046/1010	32	0	15	2.5920	Gair Mumkin Khad	
98	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		1001	20	5	7	1.6398	Gair Mumkin Khad	
99	Mandi	J/Nagar	J/Nagar/I. Nagar/Banwar	Submergence Area	Banwar		935	0	12	14	0.0514	Dhuni Dam	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswasani			
1	2	3	4	5	6		7	8	9	10	11	12	13
100	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		939	0	14	18	0.0603	Pasture	
101	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		995	0	8	2	0.0328	Pasture	
102	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		707/1	0	14	17	0.0601	Gair Mumkin Nallah	
103	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		762/1	10	13	15	0.8647	Pasture	
104	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		763/1	0	8	10	0.0344	Pasture	
105	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		926	0	4	4	0.0170	Pasture	
106	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		937	1	3	1	0.0932	Pasture	
107	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		938/1	0	3	12	0.0146	Gair Mumkin Nallah	
108	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		1043/998/1	0	7	5	0.0293	Pasture	
109	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		1037/1026/1	4	18	2	0.3968	Pasture	
110	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		1/1	0	2	12	0.0105	Gair Mumkin Nali	
111	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		689/1	2	16	1	0.2267	Pasture	
112	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		925/1	11	1	9	0.8958	Pasture	
113	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		1030/683/1	12	2	3	0.9796	Pasture	
114	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		923/1	0	6	4	0.0251	Pasture	
115	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		380/1	14	18	10	1.2075	Gair Mumkin khad	
116	Mandi	J/Nagar	J/Nagar/J. Nagar/Banwar	Submergence Area	Banwar		592/1	0	2	12	0.0105	Gair Mumkin Nali	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mohal Right bank Left bank	Khazra No.	Area of forest land in Bigha Biswa Biswasai	Area of forest land in in Hect.)	Classification/L egal status of forest land	Remarks		
1	2	3	4	5	6	7	8	9	10	11	12	13
117	Mandi	J/Nagar	J/Nagar/J. Nagar/Bhametra	Submergence Area	Bhametra	611/602/1	11	8	6	0.9235	Pasture	
118	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	347/1	8	9	0	0.6837	Gair Mumkin Khad	
119	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	350/1	13	12	6	1.1015	Gair Mumkin Khad	
120	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	351	32	11	4	2.6343	Gair Mumkin Khad	
121	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	407/400/1	15	2	0	1.2217	U.P.F	
122	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	351/1/1	20	3	1	1.6305	Pasture	
123	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	335/1	0	12	7	0.0500	Pasture	
124	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	336/1	0	2	12	0.0105	Pasture	
125	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	352/1	0	5	0	0.0202	Gair Mumkin Bawal	
126	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	232/1	26	10	0	2.1440	U.P.F	
127	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	562	7	0	10	0.5684	Gair Mumkin Khad	
128	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	301	8	4	19	0.6673	Gair Mumkin Khad	
129	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	577/233	20	8	12	1.6529	Gair Mumkin Khad	
130	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	564/232/1/1	5	5	0	0.4248	D.P.F	
131	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	237/1	1	19	8	0.1594	Rutta Sakar	
132	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	277/1	2	4	16	0.1812	Rutta Sakar	
133	Mandi	J/Nagar	J/Nagar/J. Nagar/Banogri	Submergence Area	Banogri	302/1	2	13	2	0.2148	Rutta Sakar	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/Village	Component of project	Mahal		Khasra No.	Area of forest land in Bigha Biswa Biswas			Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
					Right bank	Left bank		8	9	10			
1	2	3	4	5	6		7				11	12	13
134	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	520/1	1	19	13	0.1604	Rutta Sarkar	
135	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	231	0	7	5	0.0293	Gair Mumkin Nali	
136	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	234	0	13	12	0.0550	Pasture	
137	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	518/1	0	4	14	0.0190	Pasture	
138	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	519/1	2	10	12	0.2047	Pasture	
139	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	521	4	12	1	0.3724	Pasture	
140	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	550/1	7	4	0	0.5825	Pasture	
141	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	559/1	5	5	14	0.4276	Pasture	
142	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	558/1	0	2	11	0.0103	Gair Mumkin Nali	
143	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Dom	Submergence Area		Banroo Dom	560	0	0	4	0.0008	Gair Mumkin Chashma	
144	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	404	19	13	10	1.5918	D.P.F	
145	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	435/405/1	45	11	0	3.6853	D.P.F	
146	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	431/425/1	12	14	3	1.0281	D.P.F	
147	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	432/425/1	0	15	0	0.0607	U.P.F	
148	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	402/1	23	6	12	1.8875	U.P.F	
149	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	403	27	17	2	2.2536	U.P.F	
150	Mandi	J/Nagar	J/Nagar/I. Nagar/Banroo Abal	Submergence Area		Banroo Abal	436/405/1	2	6	2	0.1865	U.P.F	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Jopinder Nagar

Sr. No.	District	Forest Division	Range/Tech/Village	Component of project	Mohal		Khasra No.	Area of forest land in			Area of forest land in Hect.)	Classification/Legal status of forest land	Remarks
1	2	3	4	5	Right bank	Left bank	7	8	9	10	11	12	13
151	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	442/439	18	19	4	1.5340	Gair Mumkin thal	
152	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	192/1	2	0	0	0.1618	Rutta Sarkar	
153	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	193	1	1	0	0.0850	Rutta Sarkar	
154	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	201/1	1	9	14	0.1201	Rutta Sarkar	
155	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	202/1	0	18	9	0.0746	Rutta Sarkar	
156	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	179/1	4	14	8	0.3819	Rutta Sarkar	
157	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	178	0	11	14	0.0473	Rutta Sarkar	
158	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	207	0	14	6	0.0578	Rutta Sarkar	
159	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	204/1	1	18	4	0.1545	Rutta Sarkar	
160	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	205/1	3	1	5	0.2478	Rutta Sarkar	
161	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	206/1	2	5	19	0.1859	Rutta Sarkar	
162	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	1/1	0	2	11	0.0103	Gair Mumkin Nail	
163	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	118/1	0	1	18	0.0077	Gair Mumkin Nail	
164	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	203/1	6	0	0	0.4854	Pasture	
165	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	213/1	0	7	16	0.0316	Pasture	
166	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	215/1	1	14	0	0.1375	Pasture	
167	Mandi	J/Nagar	J/Nagar/J. Nagar/Banroo Abal	Submergence Area		Banroo Abal	378/1	3	2	16	0.2540	Pasture	

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Surface Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tebal/village	Component of project	Right bank	Mohal	Khasra No.	Area of forest land in Bigha Biswa Biswansi	Area of forest land in Hect.	Classification/Legal status of forest land	Remarks
1	2	3	4	5	6		7	8 9 10	11	12	13
168	Mandi	J/Nagar	J/Nagar/J. Nagar/Batdhar Abal	Submergence Area		Batdhar	379	3 10 10	0.2852	Pasture	
169	Mandi	J/Nagar	J/Nagar/J. Nagar/Batdhar Abal	Submergence Area		Batdhar	374/1	3 4 16	0.2621	Pasture	
170	Mandi	J/Nagar	J/Nagar/J. Nagar/Batdhar	Submergence Area	Batdhar		546/532/1	4 6 19	0.3517	U.P.F.	
171	Mandi	J/Nagar	J/Nagar/J. Nagar/Batdhar	Submergence Area	Batdhar		534	60 14 15	4.9140	Gair Mumkin Dariya	
172	Mandi	J/Nagar	J/Nagar/J. Nagar/Batdhar	Submergence Area	Batdhar		533/1	54 7 16	4.4005	U.P.F.	
173	Mandi	J/Nagar	J/Nagar/J. Nagar/Batdhar	Submergence Area	Batdhar		535/1	11 4 0	0.9061	U.P.F.	
174	Mandi	J/Nagar	J/Nagar/J. Nagar/Batdhar	Submergence Area	Batdhar		536/1	37 1 11	2.9998	U.P.F.	
175	Mandi	J/Nagar	J/Nagar/J. Nagar/Batdhar	Submergence Area	Batdhar		203/1	15 0 2	1.2140	Gair Mumkin Khad	
							Grand Total	2045 8 3	165.4828		

In to Hect. = [Bigha + Biswa/20 + Biswansi/400]/12.36

[Signature]
General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

[Signature]
Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

Statement showing details of Forest Area proposed for diversion for Thana Plaun HEP (191 MW), HPPCL

For Underground Activity in Forest Division Joginder Nagar

Sr. No.	District	Forest Division	Range/Tehsil/village	Component of project	Mohal		Khasra No.	Area of forest land			Area of forest land in Hect.)	Classification/ Legal status of forest land	Remarks
					Right bank	Left bank		Bigha	Biswa	Biswansi			
1	2	3	4	5	6		7	8	9	10	11	12	13
1	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	Intake & requisite associated Job facilities	Ropru		532/505/1 min	2	0	0	0.1618	U.P.F	
2	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		532/505/1 min	3	0	0	0.2427	U.P.F	
3	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		532/505/2	4	18	7	0.3979	U.P.F	
4	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		498/1 min	3	0	0	0.2427	U.P.F	
5	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		530/500/2 min	1	0	0	0.0809	Pasture	
6	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	HRT & requisite associated Job facilities	Ropru		530/500/1	1	15	5	* 0.1426	Pasture	
7	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	MAT & requisite associated Job facilities	Ropru		530/500/2 min	2	0	0	0.1618	Pasture	
8	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	MAT & requisite associated Job facilities	Nagan		1178/1 min	11	0	0	0.8900	D.P.F	
9	Mandi	I/Nagar	I/Nagar/I. Nagar/Ropru	& requisite associated	Ropru		530/500/2 min	4	0	0	0.3236	Pasture	

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH, 2014

CHECK LIST SERIAL NUMBER: -7

**(STATEMENT SHOWING THE DETAILS OF NON FOREST AREA INVOLVED
IN THE PROPOSAL)**

Full Title of the Project: Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi, H.P.

Proposal No. : FP/HP/HYD/8255/2014

Date of Proposal: November 29th, 2014

CHECK LIST SERIAL NUMBER: - 7

Thana Plaun HEP (191 MW)
Abstract of Private Land of all Tehsils, Distt. Mandi (HP).

Tehsil	Khasra No.	Dhani Aval	Dhani Doem	Varani Aval	Varani Doem	Varani Soem	Bagicha Varani Fudhar	Majrua	Banjar Kable Kash	Van	Khudatar	Gair Mumkin	Gair Majrua	Total Rakva Bigha/Biswa/Biwanaal	Remarks
Kotli	148 Kura		7-04-17	85-01-12	31-03-06		2-08-13	125-18-08	14-09-19		23-13-14	11-19-13	50-03-06	176-01-14 i.e. 14.246 ha	
Jogindernagar	183	0-13-00	11-07-00	21-12-09	36-18-12	1-09-06	1-00-00	73-00-07	21-08-15		15-07-02	12-14-06	49-10-03	122-10-10 i.e. 9.913 ha	
Padhar	29	-	-	41-01-01	20-09-14	-	3-10-00	65-00-15	0-08-13	16-10-12		7-10-15	24-10-02	89-10-17 i.e. 7.244 ha	
Mandi-Sadar	13			0-16-04	3-15-04		2-01-07	6-12-15	4-00-00		6-14-07	0-13-13	11-08-00	18-00-15 i.e. 1.459 ha	
Total	373	0-13-00	18-11-17	148-11-06	92-06-16	1-09-06	9-00-00	270-12-05	40-07-09	16-10-12	45-15-03	32-18-07	135-11-11	406-03-16 i.e. 32.86 ha	

Date: 20.12.19

Place: Kotli


Divisional Forest Officer
Forest Division Kotli (H.P.)



General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)



Divisional Forest Officer
Jogindernagar Forest Division
Jogindernagar (H.P.)

Abstract of Private Land of Tehsil Kotli Distt. Mandi (H.P.).

District	Forest Division	Sub-Tehsil	Name of Mutahid	Khasra No.	Dhant Ayal	Dhant Doem	Varant Ayal	Varant Doem	Varant Soem	Bagicha Varant Faddar	Majrasa	Banjar Kable Kach	Van	Khadetaz	Gair Mumkin	Gair Majrasa	Total Rakya Bigha Bawa Bawand
Mandi		Kutli	Kun	2 Kitta			5-00-00				5-00-00				0-09-05	0-09-05	5-09-05
				5 Kitta				0-03-00			0-03-00				0-03-09	0-03-09	0-06-09
				7(2+5)			5-00-00	0-03-00			5-03-00				0-12-14	0-12-14	5-15-14
			Ket	1 Kitta				5-14-15			5-14-15						5-14-15
				1 Kitta				0-01-14			0-01-14						0-01-14
				2(1+1)				0-16-09			0-16-09						0-16-09
			Zandria	2 Kitta			4-18-00				4-18-00				0-14-00	0-14-00	5-12-00
				8 Kitta			15-13-02				15-13-02				0-10-11	0-10-11	16-03-13
				10(2+8)			20-11-02				20-11-02				0-04-11	0-04-11	21-15-13
			Khadi Kalyann Sadoh	3 Kitta			0-15-06				0-15-06				0-02-09	0-02-09	0-17-15
				58 Kitta			52-13-04	11-09-10			72-17-17			17-08-14	4-12-05	35-08-16	108-06-13
				2 Kitta			0-18-07	0-07-01			1-05-06				0-02-04	0-02-04	1-07-12
			Laytoni Khad Deyaban	1 Kitta										17-08-14	4-15-14	35-12-06	109-15-10
				61(58+2+1)			7-04-17	11-09-10			74-03-05						01-00-10
				1 Kitta				1-00-10			1-00-10				0-04-11	0-04-11	5-15-08
			Maham	4 Kitta				5-10-17			5-10-17				0-01-12	0-01-12	1-06-04
				1 Kitta			1-04-12				1-04-12				0-02-10	0-02-10	0-02-10
				2 Kitta											0-08-13	0-08-13	7-04-02
			Maham	7(4+1+2)			1-04-12	5-10-17			6-15-09				4-12-19	6-06-05	10-08-06
				37 Kitta			0-11-11	3-10-10			4-02-01			1-00-00			7-11-14
				15 Kitta			1-14-07	0-03-11			1-17-18			0-05-00			01
			Total	5 Kitta			2-04-09	2-08-19			4-13-08				0-02-13	0-02-13	04
				57(37+15+5)			2-05-18	3-14-01			5-19-19			6-05-00	4-12-19	12-00-01	18-00-00
				148 Kitta			83-01-12	31-03-06			125-18-08			23-13-14	11-19-13	50-03-06	176-01-14

Divisional Forest Officer
Forest Division Mandi (H.P.)

Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

Abstract of Private Land of Tehsil Jogindernagar Distt. Mandi (HP).

District	Forest Division	Sub-Tehsil	Name of Mukat	Khasra No.	Dhani Aval	Dhani Diem	Varani Aval	Varani Doem	Varani Sorn	Bagicha Nurnoi Faidar	Majrusa	Banjar Kohle Kash	Nan	Khodetar	Gair Mounkin	Gair Majrusa	Total Khasra Bigha Biwa Biwasul
Mandi	Joginder-nagar	Joginder-nagar	Bopru	7	-	-	3-19-00	7-12-18	-	-	12-11-18	5-00-00	-	-	3-06-13	8-06-13	19-18-11
				8	-	-	0-18-00	10-19-10	0-15-00	-	12-12-16	-	-	-	2-02-10	2-02-16	14-15-12
				6	-	-	4-06-08	-	00-14-00	-	05-00-08	00-10-07	-	01-03-10	01-13-09	03-07-06	08-07-14
			Bain	21(7+8+6)	-	-	9-03-08	16-12-08	1-09-06	-	29-05-03	5-10-07	-	1-03-10	7-02-18	13-16-13	43-01-17
				54	-	-	-	2-14-03	-	-	2-14-03	0-15-15	-	6-12-08	0-06-15	7-14-18	10-09-01
				15	-	-	-	8-10-00	-	-	0-10-00	-	-	3-12-16	0-17-19	4-10-15	13-00-15
			Chotunji	69 (54+15)	-	-	-	11-04-03	-	-	11-04-03	0-13-15	-	10-05-04	1-04-14	12-08-13	23-09-16
				657	-	-	-	-	-	-	-	-	-	-	0-00-12 (Gharat)	0-00-12	0-00-12
				1	-	-	-	-	-	-	-	-	-	-	0-00-12	0-00-12	0-00-12
			Vanwar	15	0-13-00	3-03-05	-	2-02-15	-	-	5-19-00	1-08-14	-	0-04-04	0-10-06	2-03-04	8-02-04
				27	-	8-03-15	0-13-00	-	-	-	8-16-15	1-05-15	-	3-14-04	0-09-19	5-09-18	14-06-13
				42(15+27)	0-13-00	11-07-00	0-13-00	2-02-15	-	-	14-15-15	2-14-09	-	3-18-08	1-00-05	7-13-02	22-08-17
			Bantagi	2	-	-	-	-	-	-	-	-	-	-	0-02-08	0-02-08	0-02-08
				3	-	-	-	1-03-17	-	-	1-03-17	0-11-12	-	-	-	0-11-12	1-15-09
				5(2+3)	-	-	-	1-03-17	-	-	1-03-17	0-11-12	-	-	0-02-08	0-14-00	1-17-17
			Banaru Abul	33	-	-	11-09-16	1-05-06	-	1-00-00	13-13-02	6-16-12	-	-	02-08-17	9-05-09	23-00-11
				8	-	-	0-06-05	2-10-03	-	-	2-16-08	-	-	-	0-05-11	0-05-11	3-01-19
				41(33+8)	-	-	11-16-01	3-15-09	-	1-00-00	16-11-10	6-16-12	-	-	2-14-08	9-11-00	26-02-10
			Banaru Doem	4	-	-	-	-	-	-	-	3-00-00	-	-	0-09-01	05-09-01	3-09-01
				183	0-13-00	11-07-00	21-12-09	36-18-12	1-09-06	1-00-00	73-00-07	21-08-15	-	15-07-02	12-14-06	49-10-03	123-10-10 i.e. 9.913 ha

[Signature]
Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

[Signature]
General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

Abstract of Private Land of Tehsil Padhar Distt. Mandi (HP).

District	Forest Division	Sub-Tehsil	Name of Mahul	Khasra No.	Dhara Aul	Dhara Duen	Varani Aval	Varani Duen	Varani Soem	Bagicha Varani Padhar	Majras Kable Kash	Bani	Khadetar Gair Mumkin	Gair Majras	Total Roken Bigha Biswas
Mandi	Mandi	Padhar	Bharwati	3	-	-	25-08-00	4-10-00	-	-	25-18-00	-	3-09-14	3-09-14	33-07-14
			Bah	1	-	-	3-10-00	-	-	-	3-10-00	-	0-04-18 (Bir)	0-04-18	2-14-18
			Vevla	4	-	-	9-03-00	-	-	-	9-03-00	-	1-12-01	1-12-01	10-15-01
			Jharwal	3	-	-	-	-	-	-	-	16-10-12	-	16-10-12	16-10-12
			Budh-Gagon	13	-	-	4-00-01	15-19-14	-	3-10-00	23-09-15	0-08-15	2-04-02	2-12-17	26-02-12
			Total	29	-	-	41-01-01	20-09-14	-	3-10-00	65-0-15	16-10-12	7-10-15	24-10-02	89-10-17 Le. 7,244 ha


 Divisional Forest Officer
 Joginder Nagar Forest Division
 Joginder Nagar (H.P.)


 General Manager
 TM & TP HEPs HPPCL
 Kotli, Distt. Mandi (H.P.)


 Divisional Forest Officer
 Joginder Nagar Forest Division
 Joginder Nagar (H.P.)

Abstract of Private Land of Tehsil Mandi Sadar Distt. Mandi (HP).

District	Forest Division	Tehsil	Name of Mihal	Khasr No.	Dhani Ayal	Dhani Daur	Varani Ayal	Varani Daur	Varani Seem	Bagicha Varani Faldar	Majra	Banjar Kabla Kash	Khandetar	Gair Mumkin	Gair Mojra	Total Rakva Bigha Biswa Biswasi
Mandi	Mandi Sadar		Matha-Nicol	2									6-14-07	-	6-14-07	6-14-07
			Margal	4						0-16-18	0-16-18	4-00-00	-	0-06-12	4-06-12	5-03-10
			Gumpu	2				03-15-04			03-15-04			0-07-01	0-07-01	4-02-03
			Bijam	3				0-16-04		1-04-09	2-00-13					2-00-13
			Total	13			0-16-04	3-15-04		2-01-07	6-12-15	4-00-00	6-14-07	0-13-13	12-08-00	18-00-15 i.e. 1,459 ha



Divisional Forest Officer
Forest Division Mandi (H.P.)



General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH, 2014

CHECK LIST SERIAL NUMBER: -8

**(CERTIFICATE FROM THE COLLECTOR /DEPUTY COMMISSIONER THAT
NO ALTERNATIVE SUITABLE NON-FOREST LAND IS AVAILABLE FOR
THE PROJECT)**

OFFICE OF DEPUTY COMMISSIONER MANDI DISTRICT MANDI (H.P.)

NO./MND/SR/LRC/2015-

37193

Mandi, the 22/7/2015

Certificate of Non-Availability of Non-Forest Land

It is certified that there is no non-forest government land available in District Mandi, as all government land or land over which govt. has proprietary rights, has been classified as forest land, vide notification No. Ft(a)-1/52 dated 15th January, 1952 by the Secretary to Chief Commissioner of the erstwhile Chief Commissioner's Province, Mandi. Consequently below mentioned 406.79 hectare forest land has been proposed for construction of Thana Plaun Hydro-Electric Project (191 MW) in District Mandi (HP) by Himachal Pradesh Power Corporation Ltd.

Forest/Govt land under forest Division Jogindernagar and Mandi (HP).

Sr. No.	Tehsil	Village/ Muhal	Khasra No.	Total Land (in Bighas)
1.	Jogindernagar	Ropru	535/506/1, 466/1, 514/452/1, 527/477/1, 527/477/2, 532/505/1, 524/448, 504, 507, 446/1, 530/500/1, 447/1, 453/1, 467/1, 498/1, 498/2, 532/505/2, 499, 530/500/2	310-11-07
		Nagan	1174/1, 1175/1, 1176/1, 1177/1, 1178/1	171-06-11
		Balh	818/817/1, 251, 781, 819/785, 152, 153, 155, 156, 157, 151/1, 154, 248, 249, 250, 253, 262/1, 422, 423, 813/778/1, 813/770/2, 813/778/3, 451, 242, 419/1, 252, 1/1, 306/1, 779/1, 418/1, 774/1	72-07-18
		Charaunj	691/656/1, 689/649/1, 658	20-05-18
		Banvar	1042/998/1, 1046/1010, 1001, 1043/998/1, 1037/1026/1, 689/1, 925/1, 1030/683/1, 762/1, 763/1, 926, 937, 923/1, 707/1, 938/1, 1/1, 935, 939, 995	101-03-09
		Bharmera	380/1, 592/1, 611/602/1	26-09-08
		Banogi	347/1, 407/400/1, 350/1, 351, 351/1/1, 335/1, 336/1, 352/1	90-17-10

GM
DGM/SR. MANAGER
MANAGER
DEPUTY MANAGER

C/Secy P&A, F&A, R&R
22/7/15



70/14

Copy for following for information and
L A G M
SM - to T.P. H.P.

		Banaru Abbai	404, 435/405/1, 431/425/1, 432/425/1, 402/1, 403, 436/405/1, 442/439, 192/1, 193, 201/1, 202/1, 179/1, 178, 207, 204/1, 205/1, 206/1, 213/1, 203/1, 215/1, 378/1, 374, 374/1, 1/1, 118/1	188-01-19
		Banaru Doyam	232/1, 564/232/1/1, 237/1, 277/1, 302/1, 520/1, 562, 301, 577/233, 518/1, 519/1, 521, 550/1, 559/1, 231, 234, 558/1, 560	97-06-13
		Batdhar	546/532/1, 533/1, 335/1, 536/1, 534, 203/1	182-15-03
		Neri Kotla	3129/3103/1, 3131/3091/1, 3133/3097/1, 3134/3097/1, 3132/3091/1, 3179/3145/1	127-18-06
		Prain	2721/1	50-18-14
		Pabo	1541/1, 341/1	12-15-04
		Jamehar	1984/1744/1, 1985/1744/1, 1941/1, 672/1	23-19-02
		Amba-ra-Gahra	343/330/1, 343/330/2, 343/330/3, 333/1	32-13-11
		Mahan	2/1, 2/2, 28, 1, 25, 159/1, 187, 218, 182, 183/1, 160/1, 929/1, 227, 302/1, 2/3, 2/4, 2/5, 2/6, 2/7, 919/1, 919/2, 919/3	204-04-07
		Kun	256/1, 257/1, 1/1, 2, 3, 76, 627/1, 74/1, 75/1, 782/1, 797/1, 255/1, 255/2	283-05-14
2	Kotli	Kot	4/1, 958/1, 956/1/1, 1/1, 2, 3, 957/1, 959	147-18-17
		Badoh	325/1, 326/1, 344/1, 345/1, 346, 347, 348/1	97-04-00
		Ropa Matyal	224/1, 265/1, 496/1, 2/1, 226/1, 395/1, 494, 495, 497/1	43-05-13
		Dwahan	4/1, 1986/1, 2093/1, 1/1, 2, 3/1, 2380/1	50-08-07
		Sadoh	448/1, 1501/1254/1, 180/1, 310/1, 419, 262, 264, 1, 263/1, 420, 421/1, 1472/1	219-14-18
		Laswai-Khad	462/1, 457/1, 458, 514/1	12-02-12
		Khad-Kalyana	5/1, 1, 226/1, 756/1	22-12-11
		Jandrola	2/1, 302/1, 1, 233, 669/1, 6/1, 232/1	218-05-04

		Tarnoh	801/1, 802, 803/1,	25-02-08
		Dhalwani	3/1	81-13-02
3.	Dhampur	Narengarh	108/1	35-18-10
		Tanehar	1798	38-15-15
		Baira	681, 1409/222/1 1409/222/2	58-01-16
		Thatl	4/1, 1401, 1402/1 1402/2	100-09-09
		Kot	974/1 974/2	67-17-03
		Tatoli Pardana	1/1, 3185, 3187/1 1/2	109-03-13
		Sidhpur	5748/5595/1 5748/5595/2	56-00-14
		Riyur	1	04-10-05
		Banai	1291	46-02-15
4.	Padhar	Bhatwari	426/385/354/1, 447/436/371, 480/436/371/1, 477/436/371/1, 481/377/1, 378, 379, 2/1, 380/1 424/385/354, 427/371, 433/432/371, 434/432/371, 446/436/371, 448/436/371, 428/371, 429/371	125-02-09
		Bah	1105/981/179/1, 1107/979/195/1, 1111/979/195/1, 1123/965/271/1, 1121/977/266/1, 284, 1/1, 1125/965/271/1 978/959/195	164-09-07
		Bevla	220/54/1, 223/54/1, 228/205/126/1, 228/205/126/2, 231/205/126/1, 231/205/126/2, 130	143-19-15
		Jhannad	901/843/840/1, 902/843/840/1, 841 881/864/840/1, 882/864/840/1, 889/864/840/1	44-18-09
		Tharki	469/1, 501/470/1, 471, 472/1	209-18-00
		Lag-dhar	218/208/82/1, 220/186/1, 202, 203	128-16-17

		Bara-Gaon	1187/1140/629/1, 1189/1140/629/1, 1106, 1208/1107/1, 1110/1, 1150/1113/1, 1119, 628/1, 1035, 1036/1, 1037/1, 1108/1, 1118, 1374/1116, 1375/1116, 1117, 1139/629, 1036, 1109, 1103, 1104, 1105, 1083/1064, 1384/1064, 1109, 1063	88-04-01
5.	Mandi	Mattha Neol	204/1, 230/1, 231/1, 234, 260/1, 259/1, 232	12-06-13
		Mehar	72/1, 686/559/1, 560, 561/1	20-05-09
		Pakhri	1/1, 261/250/1, 262/40/1, 263/40/1, 50, 51/1	90-14-14
		Tandu	102/1, 212/1, 358, 451/360/1, 410/356/1, 449/357/1, 359/1, 361, 362, 363	78-16-03
		Maigal	296/1, 299/1, 303/1, 682/1, 830/253/1, 884/297/1, 889/304/1, 892/836/1, 298, 861/333/1, 846/331/1, 847/331/1, 332/1	127-16-01
		Bhaled	1315/1, 1316/1, 1317, 1349/1, 1/1, 1314/1, 161/1, 1627/1348/1	54-02-10
		Dhanyari	220/1, 520/1, 522/1, 224/1, 225, 521	55-08-04
		Arthi	222/1, 291/1, 292	33-12-09
		Gumanu	925/1, 973/954/1/1, 2, 963/947/3/1, 957/928/1, 929	106-12-01
		Bijan	1/1, 549/1, 552, 553, 554, 1091/8/1, 1073/550/1, 1071/548/1	110-09-06
	TOTAL			5028-06-04 Or 406.79 Hect.

On the basis of joint inspection report it is certified that no alternative suitable non-forest land is available for the project & hence the same is proposed on forest land.

16/7
District Collector,
Mandi District Mandi (HP)

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH, 2014

CHECK LIST SERIAL NUMBER: -9

(JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA)

Full Title of the Project:
 Proposal No.:
 Date of Proposal:

Thana Plaun (191MW) Hydroelectric Project
 FP/HP/HYD/8255 /2014
 November 29th, 2014

CHECK LIST SERIAL NUMBER: - 9

JUSTIFICATION FOR LOCATING THE PROJECT IN FOREST AREA

The catchment area of Beas River above power house comprises of Forest Land, Govt. land and Private Land. The river flows with average bed slope of 1:65 in this reach, which is ideal for hydro electric generation. The regime of the flow released through Pandoh Dam with minimum TWL ± 631.50 shall be diverted through tunnel and will be released back to river Beas.

The proposed land required for construction of Thana Plaun Hydro Electric Project (191MW) has been examined for the alternatives with view to avoid / minimize the use of forest land and involve minimum number of trees. The Joint inspection of proposed site for the construction of Thana Plaun Hydro Electric Project (191MW) was conducted for the inspection of proposed forest / revenue / Govt. Land coming under the project in question. As there is no sufficient private land as well as Govt. land (allot able pool) available hence in addition to this forest land is required/selected for the construction of Thana Plaun (191MW) HEP's at Thana Plaun in Tehsil Jogindernagar District Mandi (HP). The proposed area falls out of thickly populated zone. There is no monument of historical importance, schools, colleges & Hospitals exists near this site. The proposed alternative/proposal is technically most feasible amongst other alternatives studied for the purpose and involves minimum forest land. All the alternatives were explored during selection of site with the view to avoid and minimize the use of forest land for its construction discussed in brief. The proposed alternative involves minimum forest land and less number of trees and in comparison to other alternatives has been considered to be the best. There is no other alternative for the construction of the project.

Date-15/11/2014
 Place-Koti

(Signature of User Agency)
 General Manager
 TM & TP HEPs HPPCL
 Kotli, Distt. Mandi (H.P.)

Countersigned by:-

Divisional Forest Officer
 Joginder Nagar Forest Division
 Office seal, Joginder Nagar (H.P.)

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH,2014

CHECK LIST SERIAL NUMBER: -10

**(CERTIFICATE FOR MINIMUM USE OF FOREST LAND TO BE SUBMITTED
BY THE USER AGENCY, GIVING DETAILS OF THE AREA AND TREES
INVOLVED IN THE ALTERNATIVES EXAMINED, AND REASONS FOR
THEIR REJECTION)**



142

Himachal Pradesh Power Corporation Limited
(A State Government Undertaking)
Office of General Manager
Triveni Mahadev (78 MW) & Thana Plaun HEP (191 MW),
Kotli, Distt. Mandi-175003
Tel. No. 01905-281081, Email: - gmtpbnhppcl@gmail.com

Full Title of the Project: Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi, H.P.

Proposal No. : FP/HP/HYD/8255 /2014

Date of Proposal: November 29th, 2014

CHECK LIST SERIAL NUMBER: - 10

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

I, Ajay Kumar Bisht, General Manager, Triveni Mahadev and Thana Plaun HEP's, HPPCL, Kotli, District Mandi, Himachal Pradesh on behalf of Himachal Pradesh Power Corporation Limited hereby, certify that the forest area involved in the proposal is unavoidable and barest minimum. **Total of 406.79 Hectares of forest area is proposed for diversion having 49862 nos. of trees including saplings.**

Date: 14/12/2014

Place: Kotli

(Name & Signature of User Agency)

Office seal 
General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

SECTION - 10

Final Conclusions and Recommendations

After a comprehensive study for techno-economic feasibility and based on the optimum techno-economic benefits, it emerges that ALT 3B (Dam near village Thana with a short water conductor system) is the most technically feasible layout and is recommended to be adopted for the DPR studies.

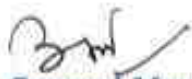
Independent intake from the reservoir is desirable as it involves lesser cost and gives flexibility in independent construction.

Though ALT-1 results in higher design energy, but the additional costs of providing a 6.5 km long water conductor system are not commensurate with the additional energies as compared to ALT-3; hence it is not considered further for DPR studies. More over accommodating the power house with 80+8MW units as Dam Toe power house for utilizing environmental flows has its own limitations of space and technical problems and so not taken up for DPR stage layout.

ALT-3B is technically preferable over other alternative layouts studied due to the following engineering considerations:

(A) Technical issues in ALT-1

- (i) Weak Geology and the risks and surprises associated with 8.0 m dia., 6.5 km long HRT can delay the overall schedule of the project during construction as well as increase the overall project costs.
- (ii) Poor Geological conditions to locate a 26m dia. 96 m high Surge Shaft.
- (iii) Acceptable rock is not available at reasonable depth for power house foundation.
- (iv) Two separate powerhouses, one for main units 6.5 km D/s of Diversion site and the other for environmental units at the dam toe will require additional maintenance staff and increased length of transmission line for connecting the powerhouses to the switchyard which ultimately makes the alternative more uneconomical due to additional costs.
- (v) It is anticipated that the tail race channel proposed for the dam toe powerhouse could get washed away during the operation of extreme left spillway bay (No. 5). After detailed examination of the site geology, side spill/drop from the power house tail pool may have to be adopted which will require the power house setting to be raised resulting in reduction in energy generation.


General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

(B) Technical issues in ALT-3A

- (i) Stress concentration at Dam toe in the Trapezoidal block when angular chute spillway alignment is considered.
- (ii) Within reasonable skewed alignment for chute spillway. Ski jump trajectory from the Chute is not getting directed sufficiently within the river which can lead to scouring of the left bank and hill slope failures.
- (iii) Straight Chute Spillway blocks on the left bank adjacent to Undersluice blocks are not feasible because it will require large curved alignment to discharge water directed to the river area or else the water from chute will cause damages to the left bank leading to slope failure.

(C) Technical issues in ALT-3C

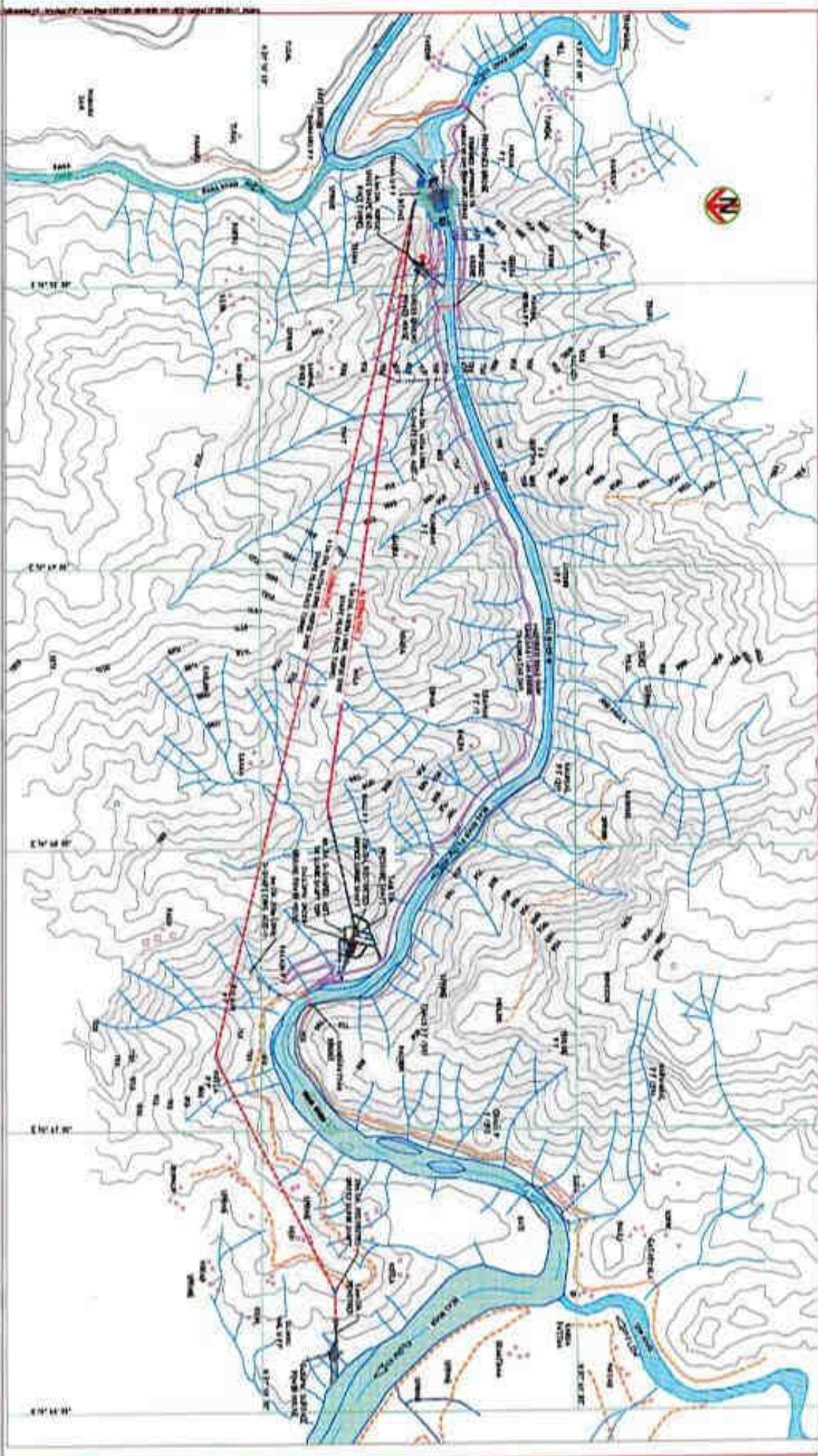
- (i) To accommodate the dam intake, the spillway is to be moved towards the left bank which will result in massive excavation on the left bank for the dam and for the plunge pool formation.
- (ii) The diversion tunnels need to have adequate rock cover with the proposed penstock shafts. In order to provide adequate cover between the penstocks and the diversion tunnels crossing at different elevations, suitable arrangement of large concrete pedestals will have to be provided on the dam D/s face and, the penstocks will have to be turned sharply through compound bends and taken across the NOF block joints which involves additional costs.

Based on the above considerations ALT-3B with the following configuration is recommended for the DPR which can be further optimized based on the detailed Geological mapping and other considerations.

- (i) Independent intake from the reservoir,
- (ii) 9.8 m dia. and 90 m long Head Race Tunnel followed by pressure shaft,
- (iii) Underground power station housing 3 x 48 MW main units and 2 x 17 MW units for utilizing environmental flows.
- (iv) Five Sluice spillway bays of size 11 m (W) x 15 m (H) with crest EL. 670.0 m, with Ski-jump Bucket type energy dissipater, Bucket Invert EL. 650.0 m with 35 m Radius.
- (v) Annual Design Energy (90% dependable year) is 631.59 GWh and Levellised Tariff At 90% Dep. yrs. is 5.96 Rs/KWh.

Since this option is technically preferable and gives lowest tariff over other alternative layouts studied it is recommended to be taken up for further DPR studies.





PROJECT ALTERNATIVES LAYOUT PLAN

General Notes: 1. The project is located in the area of the Chindwin River, which is a major waterway in the region. 2. The project area is situated in the vicinity of the town of [Name], which is a major center of population and commerce in the area. 3. The project area is situated in the vicinity of the town of [Name], which is a major center of population and commerce in the area.		Scale: 1:50,000		North Arrow		Legend		Project Name: [Name]		Project Number: [Number]		Project Date: [Date]		Project Status: [Status]		Project Location: [Location]		Project Description: [Description]		Project Objectives: [Objectives]		Project Benefits: [Benefits]		Project Risks: [Risks]		Project Costs: [Costs]		Project Timeline: [Timeline]		Project Team: [Team]		Project Sponsor: [Sponsor]		Project Approval: [Approval]		Project Review: [Review]		Project Update: [Update]		Project Contact: [Contact]		Project Version: [Version]		Project History: [History]		Project Future: [Future]		Project Summary: [Summary]		Project Conclusion: [Conclusion]		Project Appendix: [Appendix]		Project Index: [Index]		Project Glossary: [Glossary]		Project Bibliography: [Bibliography]		Project References: [References]		Project Acknowledgments: [Acknowledgments]		Project Credits: [Credits]		Project Disclaimer: [Disclaimer]		Project Copyright: [Copyright]		Project License: [License]		Project Terms and Conditions: [Terms and Conditions]		Project Privacy Policy: [Privacy Policy]		Project Security Policy: [Security Policy]		Project Environmental Policy: [Environmental Policy]		Project Social Policy: [Social Policy]		Project Governance Policy: [Governance Policy]		Project Compliance Policy: [Compliance Policy]		Project Quality Policy: [Quality Policy]		Project Health and Safety Policy: [Health and Safety Policy]		Project Information Policy: [Information Policy]		Project Communication Policy: [Communication Policy]		Project Training Policy: [Training Policy]		Project Recruitment Policy: [Recruitment Policy]		Project Retention Policy: [Retention Policy]		Project Termination Policy: [Termination Policy]		Project Dispute Resolution Policy: [Dispute Resolution Policy]		Project Arbitration Policy: [Arbitration Policy]		Project Mediation Policy: [Mediation Policy]		Project Litigation Policy: [Litigation Policy]		Project Settlement Policy: [Settlement Policy]		Project Release Policy: [Release Policy]		Project Waiver Policy: [Waiver Policy]		Project Assignment Policy: [Assignment Policy]		Project Delegation Policy: [Delegation Policy]		Project Authorization Policy: [Authorization Policy]		Project Approval Policy: [Approval Policy]		Project Consent Policy: [Consent Policy]		Project Assent Policy: [Assent Policy]		Project Acquiescence Policy: [Acquiescence Policy]		Project Compliance Policy: [Compliance Policy]		Project Adherence Policy: [Adherence Policy]		Project Conformity Policy: [Conformity Policy]		Project Correspondence Policy: [Correspondence Policy]		Project Consistency Policy: [Consistency Policy]		Project Coherence Policy: [Coherence Policy]		Project Cohesion Policy: [Cohesion Policy]		Project Unity Policy: [Unity Policy]		Project Harmony Policy: [Harmony Policy]		Project Concord Policy: [Concord Policy]		Project Accord Policy: [Accord Policy]		Project Understanding Policy: [Understanding Policy]		Project Agreement Policy: [Agreement Policy]		Project Arrangement Policy: [Arrangement Policy]		Project Association Policy: [Association Policy]		Project Affiliation Policy: [Affiliation Policy]		Project Connection Policy: [Connection Policy]		Project Linkage Policy: [Linkage Policy]		Project Relationship Policy: [Relationship Policy]		Project Interaction Policy: [Interaction Policy]		Project Engagement Policy: [Engagement Policy]		Project Involvement Policy: [Involvement Policy]		Project Participation Policy: [Participation Policy]		Project Contribution Policy: [Contribution Policy]		Project Input Policy: [Input Policy]		Project Output Policy: [Output Policy]		Project Result Policy: [Result Policy]		Project Outcome Policy: [Outcome Policy]		Project Effect Policy: [Effect Policy]		Project Impact Policy: [Impact Policy]		Project Influence Policy: [Influence Policy]		Project Power Policy: [Power Policy]		Project Authority Policy: [Authority Policy]		Project Jurisdiction Policy: [Jurisdiction Policy]		Project Competence Policy: [Competence Policy]		Project Capability Policy: [Capability Policy]		Project Capacity Policy: [Capacity Policy]		Project Potential Policy: [Potential Policy]		Project Possibility Policy: [Possibility Policy]		Project Probability Policy: [Probability Policy]		Project Likelihood Policy: [Likelihood Policy]		Project Chance Policy: [Chance Policy]		Project Risk Policy: [Risk Policy]		Project Hazard Policy: [Hazard Policy]		Project Danger Policy: [Danger Policy]		Project Threat Policy: [Threat Policy]		Project Danger Policy: [Danger Policy]		Project Risk Policy: [Risk Policy]		Project Hazard Policy: [Hazard Policy]		Project Danger Policy: [Danger Policy]		Project Threat Policy: [Threat Policy]		Project Danger Policy: [Danger Policy]		Project Risk Policy: [Risk Policy]		Project Hazard Policy: [Hazard Policy]		Project Danger Policy: [Danger Policy]		Project Threat Policy: [Threat Policy]		Project Danger Policy: [Danger Policy]		Project Risk Policy: [Risk Policy]		Project Hazard Policy: [Hazard 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**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH,2014

CHECK LIST SERIAL NUMBER: -11

**(UNDERTAKING BY THE USER AGENCY TO BEAR THE COST OF
COMPENSATORY AFFORESTATION)**



Himachal Pradesh Power Corporation Limited
(A State Government Undertaking)

Office of General Manager

Triveni Mahadev (78 MW) & Thana Plaun HEP (191 MW),
Kotli, Distt. Mandi-175003

Ph.No.: 01905-281081, Email: - gmpbuhppcl@gmail.com

147

Full Title of the Project: Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi. H.P.

Proposal No. : FP/HP/HYD/8255 /2014

Date of Proposal: November 29th, 2014

CHECK LIST SERIAL NUMBER: - 11

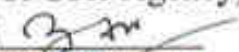
**UNDERTAKING FOR PAYMENT OF COST OF COMPENSTATORY
AFFORESTATION**

I, Ajay Kumar Bisht, General Manager, Triveni Mahadev and Thana Plaun HEP's, HPPCL, Kotli, District Mandi, Himachal Pradesh on behalf of Himachal Pradesh Power Corporation Limited hereby, undertake to pay the entire amount for compensatory afforestation in lieu of the forest area diverted for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi, H.P as per the prevailing wage rates at the time of undertaking the plantation activities.

Date 22.11.2019

Place Kotli

(Signature of User Agency)

Office seal 
General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

Countersigned by:-


Divisional Forest Officer
Divisional Forest Division
Office seal Jogindernagar Forest Division
Joginder Nagar (H.P.)

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH,2014

CHECK LIST SERIAL NUMBER: -12

**(UNDERTAKING BY THE USER AGENCY TO PAY THE NET PRESENT
VALUE (NPV) OF THE FOREST LAND)**



149

Himachal Pradesh Power Corporation Limited
(A State Government Undertaking)
Office of General Manager
Triveni Mahadev (78 MW) & Thana Plaun HEP (191 MW),
Kotli, Distt. Mandi-175003
Ph.No.: 01905-281081, Email: - gmpbuhppcl@gmail.com

Full Title of the Project: Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi, H.P.

Proposal No. : FP/HP/HYD/8255 /2014

Date of Proposal: November 29th, 2014

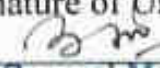
CHECK LIST SERIAL NUMBER: - 12

**UNDERTAKING FOR PAYMENT OF NET PRESENT VALUE
OF FOREST AREA**

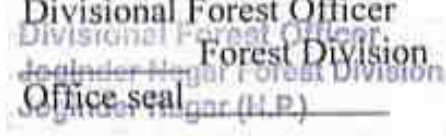
In compliance to Hon'ble Supreme Court orders dated 26.9.2005 and further clarification given by the GOI vide letter No. 5-1/98-FC (Part-II) dated 19.12.2005 the under signed on the behalf of HPPCL Govt. of HP hereby certified that the proposal for the construction of Thana Plaun HEP (191MW) is a Govt. Project and the Project will serve large public interests.

This is to certified that on behalf of HPPCL , I Ajay Kumar Bisht, General Manager, Thana Plaun HEP's, HPPCL, Kotli, District Mandi, Himachal Pradesh have applied for diversion of 406.79 Hect. of Forest area for the purpose of construction of Thana Plaun HEP (191MW) at village Thana in Tehsil Jogindernagar Distt. Mandi (HP). I hereby undertake to pay the Net Present Value (NPV) of the above forest land. Further, I Ajay Kumar Bisht, General Manager, Thana Plaun HEP's, HPPCL, Kotli, District Mandi, Himachal Pradesh also hereby, undertake to pay the additional amount of NPV, If so determined as per the decision of Hon'ble Supreme Court of India.

Date- 22.11.2019
Place- Kotli

(Signature of User Agency)
Office seal 
General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

Countersigned by:-


Divisional Forest Officer
Forest Division
Jogindernagar Forest Division
Office seal 
Jogindernagar (H.P.)

150

Full title of Project: Diversion of 406.79 hect. Forest Land (170.55 ha. J/Nagar and 236.24 ha. Mandi Forest Division) in favour of HP Power Cor. Ltd. for the construction of Thana Plaun (191 MW) within the jurisdiction of Joginder Nagar and Mandi Forest Division, Distt. Mandi, HP

File No. : FP/HP/HYD/8255/2014.

S. N.	Forest Division	Forest land proposed for diversion (in ha)	Eco-Value Class and Type	Rates of NPV as per decision of Hon,ble Supreme Court of India (in Rs.)	Amount (in Rs.)
1.	Mandi	236.24	Eco-class-V Density-0.29 Dense Forest	8,45,000/-	19,96,22,800/-
2	Joginder Nagar	170.55	Eco-class-V Density-0.26 Dense Forest	8,45,000/-	14,41,14,750/-
	Total	406.79			34,37,37,550/-

Place Joginder Nagar
Date 24/12/2019


Divisional Forest Officer,
Mandi Forest Division,
Mandi, (HP)


Divisional Forest Officer,
J/Nagar Forest Division,
Joginder Nagar (HP)

51

MANDI FOREST DIVISION

NET PRESENT VALUE FOR THE DIVERSION OF 406.79 HECTARE OF FOREST LAND (170.55 HA J/NAGAR AND 236.24 HECTARE MANDI FOREST DIVISION) IN FAVOUR HPPOWER COR. Ltd. FOR CONSTRUCTION OF THANA PLAUN (191 MW) WITHIN THE JURISDICTION OF JOIGNDER NAGAR AND MANDI FOREST DIVISION, DISTT. MANDI (HP).

Sr. no.	Name of Scheme/Project	Forest land proposed to be diverted (in ha)	Eco-Value Class and Density	Rate of NPV as per decision of Supreme Court of India date 23.3.2008	Amount involved
1.	Diversion of 236.24 ha of forest land for construction of Thana Plaun within the jurisdiction of Mandi Forest Division.	236.24 Ha.	Eco-value class V Density=0.29 Dense Forest	8,45,000	199622800

Date:-20.12.2019

Place:- Mandi


Divisional Forest Officer,
Mandi Forest Division Mandi

Full title of Project: Diversion of 406.79 hect. Forest Land (170.55 ha. J/Nagar and 236.24 ha. Mandi Forest Division) in favour of HP Power Cor. Ltd. for the construction of Thana Plaun (191 MW) within the jurisdiction of Joginder Nagar and Mandi Forest Division, Distt. Mandi, HP

File No. : FP/HP/HYD/8255/2014.

N.P.V Calculation Sheet of Joginder Nagar Forest Division.

Area in hect. proposed for diversion	Eco-Value Classs and Density	N.P.V. calculated @ rate of	Net N.P.V. amount
170.55 hect.	Eco class – V Density-0.26 Dense Forest	Rs. 8,45,000/-	Rs. 14,41,14,750/-

Date: 24/12/2019
Place: Joginder Nagar.


Divisional Forest Officer,
Forest Division, Joginder Nagar.

FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH, 2014

CHECK LIST SERIAL NUMBER: -13

**(A CERTIFICATE FROM THE COMPETENT AUTHORITY IN THE STATE IN
THE PRESCRIBED FORMAT THAT ALL THE FOREST RIGHTS UNDER THE
FOREST RIGHTS ACT, 2006 HAVE BEEN SETTLED IN RESPECT OF THE
FOREST AREA PROPOSED FOR DIVERSION)**



Himachal Pradesh Power Corporation Limited
(A State Government Undertaking)

54

Office of General Manager
Triveni Mahadev (78 MW) & Thana Plaun HEP (191 MW),
Kotli, Distt. Mandi-175003
Tel. No. 01905-281081, Email: - gmtpbhppcl@gmail.com

Full Title of the Project: Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi. H.P.
Proposal No. : FP/HP/HYD/8255 /2014
Date of Proposal: November 29th, 2014

CHECK LIST SERIAL NUMBER: - 13

CERTIFICATE AND UNDERTAKING FOR FOREST RIGHTS ACT, 2006

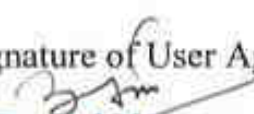
I, Ajay Kumar Bisht, General Manager, Triveni Mahadev and Thana Plaun HEP's, HPPCL, Kotli, District Mandi, Himachal Pradesh on behalf of Himachal Pradesh Power Corporation Limited hereby, undertake that in compliance to the guidelines laid down by Ministry of Environment, Forest and Climate Change, Government of India (MOEF&CC), the HPPCL has completed the process of Forest Rights Act, 2006 (ST & OTFD).

Further undertaken, that the certificates in original will be submitted to MOEF&CC, GOI while complying with the condition under Stage-I approval in favour of the project.

Date: 14.11.2019

Place: Kotli

(Name & Signature of User Agency)

Office seal 
General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDRO ELECTRIC PROJECT

PROPOSAL NO. FP/HP/HYD/8255/2014.

DATE OF PROPOSAL NOVEMBER 29TH, 2019.

CHECK LIST SERIAL NUMBER- 14

(RANGE WISE / DIVISION WISE ABSTRACT AND GIRTH CLASS WISE
ABSTRACT OF TREES.)

<u>S.N.</u>	<u>Name of Division</u>	<u>Trees included</u>	<u>Page No</u>
1.	N/landi	17331	156-163
9.	Jogindar Nagar	32531	164-230
		<u>Total - 49862</u>	

THANA PLAUN HEP (191 MW)												
General Abstract of enumeration of trees in Forest land & Govt. land proposed for Thana Plaun HEP (191 MW) under Mandi Forest Division												
Range	Kotli	Local Name	0-30	31-60	61-90	91-120	121-150	151-180	181- above	Total		Total
Sr. No.	Botanical Name											
1	Pine	Chil	115	57	39	11	1	0	0	0	0	223
2	B/L		8757	695	130	16	5	0	0	0	0	9603
										Total		9826
Range	Drang											
	Pine	Chil	0	0	1	0	0	2	1	4		
		B/L	2871	2517	1251	568	167	27	0	7501		
									Total			7505
	Grand Total		11743	3269	1421	695	173	29	1	17331		



Divisional Forest Officer
Mandi Forest Divn Mandi
Distt. Mandi (H. P.)

Thana Plaun HEP (191 MW)									
General Abstract of enumeration of trees in Forest & Govt. Land proposed for Thana Plaun HEP (191 MW) under Drang Forest Range									
Sr. No.	Botanical Name	Local Name	Circumference (in cm)						
			0-30	31-60	61-90	91-120	121-150	151 and above	Total
1		Aise	17	86	81	43	10	0	237
2		Ambare	0	0	1	4	0	0	5
3	Cassia fistula	Amaliash	40	50	6	1	0	0	97
4	Emblia officinalis	Amla	50	44	25	14	3	0	136
5	Psidium guajava	Amrood	15	3	0	0	0	0	18
6	Oroxylum	Arlu	2	10	17	7	0	0	36
7		Andrale	4	9	2	0	0	0	15
8		Baldhar	1	1	0	0	0	0	2
9	Bombax sp.	Bans	7	1	0	0	0	0	8
10	Terminalia bellirica	Bheda	3	28	42	37	11	2	123
11	Grewia optiva	Bhiul	36	40	9	2	2	0	89
12	Aegle Marmelos	Bil	0	0	0	1	0	1	2
13	Salix denticulata	Biuns	2	1	0	0	0	0	3
14		Bhadrol	0	0	1	2	0	0	3
15	Ehertia laevis	Chamarda	7	29	36	12	3	0	87
16	Pinus roxburghii	Chil	0	1	0	2	0	1	4
17	Ficus hispida	Debre	116	52	20	9	1	0	198
18		Dhalebare	3	0	0	0	0	0	3
19		Dharingal	1	0	0	0	0	0	1
20		Dia	1	0	0	0	0	0	1
21	Sapindus Mukorossi	Dodan	8	3	3	0	0	1	15
22	Melia azadirach	Dreak	41	24	11	10	0	0	86
23	Xylocarpus Longifolium	Driendu	28	15	8	5	1	0	57
24		Daura	0	1	0	0	0	0	1
25		Dhangla	0	1	0	0	0	0	1
26	Ficus hemerolis	Duchla	60	99	56	31	6	2	254

27		Farse	2	2	0	0	0	0	4
28		Firki	20	4	2	0	0	0	26
29	Ficus Palmata	Fegda	0	0	1	0	0	0	1
30		Gainge	9	1	0	0	0	0	10
31		Gadyada	0	1	1	0	0	0	2
32		Goyla	0	1	2	0	0	0	3
33	Murraya Koenigii	Ghadelu	2	0	0	0	0	0	2
34		Galadhare	1	0	0	0	0	0	1
35		Guan	53	44	12	1	0	0	110
36		Harade	1	10	15	19	1	0	46
37		Hariyaj	5	2	0	1	0	0	8
38	Syzygium cumini	Jamun	85	38	11	6	1	0	141
39		Jhanchola	11	7	5	1	2	0	26
40		Jungla	0	1	3	0	0	0	4
41	Bauhinia Variegata	Kachnar	351	175	32	17	2	1	578
42	Pyrus Pashin	Kainth	217	71	24	10	5	0	327
43	Pistacia chinensis	Kakde	119	265	75	60	16	2	537
44	Ficus Palmata	Khani	0	0	1	0	0	0	1
45	Acacia Catechu	Khair	3	2	1	0	0	0	6
46	Mallotus philippinensis	Kambhal	708	392	175	76	18	0	1369
47	Clematis montana	Kangu	10	5	0	0	0	0	15
48	Murraya Koenigii	Kadipatta	1	0	0	0	0	0	1
49		Katash	1	0	0	0	0	0	1
50		Kharade	2	0	0	0	0	0	2
51		Khaspadi	9	3	1	1	0	0	14
52	Celtis australis	Khirk	19	15	7	3	2	0	46
53		Kolma	8	2	0	0	0	0	10
54		Koyda	21	2	1	0	0	0	24
55		Kukadashera	2	0	0	0	0	0	2
56		Kumuru	89	117	17	8	3	1	235
57		Ludhar	0	0	1	1	0	0	2
58		Layadada	0	5	3	6	0	0	14
59	Cordia dichotoma	Lasoda	1	2	2	1	0	0	6

60	Mangifera indica	Mango	0	0	0	0	0	0	0	1	0	1
61		Marini	2	0	0	0	0	0	0	0	0	2
62		Marinu	0	1	0	0	0	0	0	0	0	1
63		Meetha Papda	1	0	0	0	0	0	0	0	0	1
64		Melindu Ghas/Tree	2	0	0	0	0	0	0	0	0	2
65	Albizia chinensis	Oie	11	25	39	30	24	8	137			
66		Palah	3	1	5	2	0	0	11			
67	Prunus padus	Pazza	1	2	0	0	0	0	3			
68		Parod	7	0	1	0	0	0	8			
69		Piyuli	0	0	2	0	0	0	2			
70		Prod	12	2	0	0	0	0	14			
71		Palakhre	32	4	0	2	0	0	38			
72		Palange	9	1	1	0	0	0	11			
73		Paryara	5	9	18	18	2	0	52			
74	Ficus Religious	Peepal	0	7	1	0	0	0	8			
75	Kydia calycina	Pule	73	96	107	37	12	2	327			
76		Purya	65	107	10	3	1	0	186			
77		Rahun	4	0	1	0	0	0	5			
78	Sapindus Mukerossi	Rithu	3	1	1	0	0	0	5			
79	Rubinia pseudonacia	Rubinia	8	2	2	0	0	0	12			
80		Saanbe	0	2	0	0	0	0	2			
81	Eucalyptus Globulus	Safeda	1	0	0	0	0	0	1			
82	Pyrus Pashia	Saigal	41	11	1	0	0	0	53			
83	Milletia auriculata	Salange	25	3	0	0	0	0	28			
84		Somrada	0	0	1	0	0	0	1			
85	Lannea grandis	Salambra	33	111	25	5	1	0	175			
86		Salthe	2	0	0	0	0	0	2			
87	Engelhardtia colebrookiana	Samba	12	38	41	20	3	4	118			
88		Saran	34	74	29	9	6	0	152			
89	Debregeasia Salicifolia	Saryahu	5	0	0	0	0	0	5			
90	Dalbergia Sissoo	Shisham	98	50	42	11	5	0	206			
91	Morus alba	Shabtoot	1	0	0	0	0	0	1			
92	Bombax ceiba	Sumbal	5	16	19	8	4	1	53			

		0-30	31-60	61-90	91-120	121-150	151-180	Total
93	Singh	0	1	2	0	0	0	3
94	Albizia lebeck	65	110	72	58	14	1	320
95	Bauhinia Vahlia	1	0	0	0	0	0	1
96	Tez Patta	12	10	5	0	0	0	27
97	Tecma	0	0	0	1	1	0	2
98	Tectre	5	1	1	0	0	0	7
99	Thapadyach	39	77	75	57	6	1	255
100	Toona ciliata	21	49	23	9	0	0	102
101	Trayapali	1	0	0	0	0	0	1
102	Trush	1	0	0	0	0	0	1
103	Ficus sycomorus	17	9	2	2	0	0	30
104	Unire	3	1	0	0	0	0	4
105	Ficus glomerata	19	31	16	6	0	1	73
	Total	2871	2517	1252	669	167	29	7505

R/o
R/o Drang

Divisional Forest Officer
Mandi Forest Divn Mandi
Distt. Mandi (H. P.)

Kotli Range

**General Abstract of trees in Forest & Govt. Land
Volume wise of Thana Plaun HEP(191 MW)**

#	Grith(Dia)	Local Name	V	Vol	IV	Vol	III	Vol	IIA	Vol	IIB	Vol	IA	Vol	IB	Vol	IC	Vol	ID and Ove	Vol	Total Trees	Total Vol	Rate P/cum (Rs.)	Amount
1	Cassia Fistula	Amaltas	200	5.60	7	2.10	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	207	7.700	9624	74104.8
2	Emblica officinalis Gaertn	Amla	10	0.28	1	0.30	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	11	0.580	9624	5581.92
3	Andrales	Andrales	113	3.16	3	0.90	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	116	4.064	9624	39111.936
4	Albizia excelsa	Arli	13	0.36	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	13	0.364	9624	3503.136
5	Ficus bengalensis	Bad	102	2.86	1	0.30	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	103	3.156	9624	30373.344
6	Badhrol	Badhrol	96	2.69	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	96	2.688	9624	25869.312
7	Grewia oppositifolia	Baledhar	70	1.96	34	10.20	3	2.28	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	107	14.440	9624	138970.50
8	Quercus incana	Ban	183	5.49	85	23.80	8	6.72	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	276	36.010	25606.8	922100.87
9	Salix elegans	Biuns	1	0.03	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.028	9624	269.472
10	Terminalia bellerica	Bheida	2	0.06	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	2	0.056	9624	538.944
11	Grewia oppositifolia	Bihul	33	0.92	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	33	0.924	9624	8892.576
12	Charmada	Charmada	3	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.084	9624	808.416
13	Elaeagnus laevis	Chatyambad	5	0.14	6	1.80	1	0.76	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	12	2.700	9624	25984.8
14	Pinus roxburghii	Chil	115	4.60	57	7.98	39	16.38	11	13.97	1	2.12	0	0.00	0	0.00	0	0.00	0	0.00	223	45.050	33884.4	1526492.2
15	Machilus odoratissima	Chirundi	80	2.24	8	2.40	1	0.76	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	89	5.400	9624	51969.6
16	Ficus hispida	Debre	113	3.16	8	2.40	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	121	5.564	9624	53547.936
17	Ficus bengalensis	Dhuchha	22	0.62	2	0.60	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	24	1.216	9624	11702.784
18	Melia azadirachta	Dreak	24	0.67	4	1.20	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	28	1.872	9624	18016.128

3	Populus ciliata	Peepal	0	0.00	1	0.30	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.300	9624	2887.2
4	Kydia calycina	Pule	316	8.85	14	4.20	6	4.56	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	336	17.608	9624	169459.39
5	Sapindus Mukorossi	Ritha	9	0.25	5	1.50	4	3.04	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	18	4.792	9624	46118.208
6	Rubinia pseudocacca	Rubinla	3	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.084	9624	808.416
7	Sabana	Sahana	3	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.084	9624	808.416
8	Salayaru	Salayaru	3	0.08	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	3	0.084	9624	808.416
9	Lannea grandis	Salamda	100	2.80	22	6.60	2	1.52	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	124	10.920	9624	105094.08
10	Fagelhardia colobrookiana	Samba	564	15.79	89	26.70	25	19.00	5	7.45	1	2.40	0	0.00	0	0.00	0	0.00	0	0.00	684	71.342	9624	686595.41
11	Dalbergia sissoo	Shisham	795	22.26	29	8.70	1	0.76	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	825	31.720	51184.8	1623581.9
12	Bambax Ceiba	Simbal	17	0.48	2	0.60	2	1.52	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	21	2.596	9624	24983.904
13	Albizia lebbuk	Sirish	272	7.62	37	11.10	6	4.56	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	315	23.276	9624	224008.22
14	Ficus glomerata	Tayumbal	73	2.04	3	0.90	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	76	2.944	9624	28333.056
15	Cinnamomum tamala	Tejpattar	829	23.21	42	12.60	3	2.28	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	874	38.092	9624	366597.41
16	Pistacio entegerrima	Thira	54	1.51	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	54	1.512	9624	14551.488
17	Zanthoxylum alatum	Tirmira	4	0.11	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	4	0.112	9624	1077.888
18	Cordia Toona	Toon	309	8.65	18	5.40	2	1.52	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	329	15.572	51184.8	797049.71
19	Ficus glomerata	Vakar	1	0.03	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	1	0.028	9624	269.472
	Total		8872	250.16	752	214.78	169	115.82	27	37.81	6	14.12	0	0.00	0	0.00	0	0.00	0	0.00	9826	632.69		9280508.5

Cost of Trees = 9280508.47
 GST@18% = 1670491.52
 Grand Total = 10951000

Divisional Forest Officer
 Mandi Forest Divn Mandi
 Distt. Mand (H. P.)

Forest Officer
 Kotli Forest Range

Full title of Project: Diversion of 406.79 hect. of forest land (170.55 ha. Joginder Nagar and 236.24 ha. Mandi Forest Division) in favour of HP Power Cor. Ltd. for the construction of Thana Plaun, HEP (191 MW), within the jurisdiction of Joginder Nagar and Mandi Forest Division, Distt. Mandi, HP.

File No: FP/HP/HYD/8255/2014.

Girth wise abstract

Name of Land	Specirs name local	Botanical name	Girth (in cum)					Total
			0-30	31-60	61-90	91-120	121-150	
DPF & Un classified forests	Aam	Mangifera Indica	41	0	0	0	0	41
	Amaltas	Cassia Fistula	1680	3	0	0	0	1683
	Amla	Emblica Officianalis	294	3	0	0	0	297
	Bhiul	Grewia Tiliaefolia	557	0	0	0	0	557
	Bhedra	Terminalia Bellarica	17	4	1	0	0	22
	Chil	Pine	143	9	0	0	0	152
	Dreak	Melia Azadirachta	50	1	0	0	0	51
	Harade	Terminalia Chebula	2	0	0	0	0	2
	Kachnar	Bauhinia Parviflora	666	0	0	0	0	666
	Kambhal	Melotus Philippensis	9752	11	0	0	0	9763
	Khair	Acacia Catechu	522	0	0	0	0	522
	Oie	Albzzia Spp.	392	65	6	0	0	463
	Paryara	Erythrina Indica	247	7	0	0	0	254
	Sisham	Dalburgia Siseo	2387	52	0	0	0	2439
	Simbal	Bombax Ceiba	106	1	0	0	0	107
	Siras	Albizzia lebbeck	469	24	0	0	0	493
	Amrood	Psidium Guajava	25	0	0	0	0	25
	Jamun	Syzigium Cumini	151	0	0	0	0	151
	Safeda	Eucalyptus	3	2	0	0	0	5
	Others B/L Species	Others	14558	277	2	1	0	14838
			32062	459	9	1	0	32531

Divisional Forest Officer,
Forest Division, Joginder Nagar.

General Abstract of enumeration of trees in Forest & Govt. land coming in the various components of THANA PLAUN HEP under Forest Division Jodindernagar

Sr. No.		Local Name	Botanical Name	0-30					31-60		61-90		91-120		121-150		151-180		181-210		211-240		241-270		Total Tree	Total Vol	Rate p/ cum (Rs.)	Amount	
				Below V	Vol	V	Vol	IV	Vol	III	Vol	IIA	Vol	IIB	Vol	IA	Vol	IB	Vol	IC	Vol	ID	Vol	Total					
1		Aadu	Prunus Padan		0.161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.161	9624	15495		
2		Aahal		0	0	3	0.483	2	0.434	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0.914	9624	8796		
3		Aam	Mangifera Indica	10	1.61	29	4.669	2	0.434	0	0	0	0	0	0	0	0	0	0	0	0	0	0	41	6.714	9624	64616		
4		Alach		173	27.853	306	62.146	50	10.85	3	2.28	0	0	0	0	0	0	0	0	0	0	0	0	612	103.13	9624	992523		
5		Alie		0	0	1	0.161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.161	9624	15495			
6		Amaltas	Casula fistula	229	37	1	0.161	99	214.83	3	2.28	0	0	0	0	0	0	0	0	0	0	0	0	332	254.24	9624	2446805		
7		Amia	Emblita	80	13	203	32.7	11	1.77	3	2.28	0	0	0	0	0	0	0	0	0	0	0	0	297	49.75	9624	478794		
8		Anrood		10	1.61	14	2.254	1	0.217	0	0	0	0	0	0	0	0	0	0	0	0	0	0	25	4.077	9624	39237		
9		Anante		0	0	1	0.16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1.16	9624	11164			
10		Anar	Punica Spp.	1	0.161	17	2.737	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18	2.901	9624	27919			
11		Andrale		107	17.227	521	83.881	20	4.34	2	1.52	1	1.27	0	0	0	0	0	0	0	0	0	0	651	108.257	9624	1041094		
12		Adu	Ougeinili dalbergioides	2	0.322	28	4.508	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30	4.832	9624	46503		
13		Arthey		0	0	7	1.27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	1.27	9624	12222			
14		Arye		0	0	1	0.161	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0.16	9624	1540			
15		Badare		0	0	7	1.27	2	0.434	1	0.76	0	0	0	0	1	2.32	0	0	0	0	0	1	12	12.507	9624	121137		
16		Badrol		0	0	4	0.644	1	0.217	2	1.52	0	0	0	0	0	0	0	0	0	0	0	7	2.377	9624	22076			
17		Bakar		0	0	4	0.64	1	0.217	1	0.76	0	0	0	0	0	0	0	0	0	0	0	6	1.617	9624	15562			
18		Balsdhar		0	0	38	6.118	28	30.17	4	3.04	0	0	0	0	0	0	0	0	0	0	0	70	39.33	9624	378512			
19		Ban	Quercus laeochotrichophora	6	0.966	7	1.127	2	0.434	1	0.76	0	0	0	0	0	0	0	0	0	0	0	16	3.29	25606.8	84246			
20		Bani		0	0	1	0.16	0	0	1	0.76	0	0	0	0	0	0	0	0	0	0	0	2	0.92	9624	8854			
21		Bargad		0	0	0	0	1	0.217	1	0.76	0	0	0	0	0	0	0	0	0	0	0	2	0.977	9624	94026			
22		Bihul	Grewia Oppositifolia	105	29.705	364	58.604	8	1.736	0	0	0	0	0	0	0	0	0	0	0	0	0	557	90.121	9624	867325			
23		Bladylla		0	0	2	0.322	1	0.217	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0.537	9624	5168			
24		Bhera	Terminalia bellerica	1	0.16	8	1.280	8	8.217	4	3.04	0	0	0	0	1	2.32	0	0	0	0	0	22	15.03	9624	144649			
25		Biyunsh	Salix spp.	1	0.16	12	1.932	3	0.651	0	0	0	0	0	0	0	0	0	0	0	0	0	16	2.741	9624	26379			
26		Bombla		0	0	1	0.16	1	0.217	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0.377	9624	3628			

Divisional Forest Officer
Jodindernagar Forest Division
Kachhwa Road (14 B)

THANA PLAUN HEP

170
Joginder Nagar Range

General Abstract of enumeration of trees in Forest land coming under various components of THANA PLAUN
HEP under R/O Joginder Nagar Forest Division Jogindernagar

Sr.	Local Name	Botanical Name	Below	V	IV	III	IIA	IB	IA	IB	IC	TOTAL
1	Amrood		10	14	1	0	0	0	0	0	0	25
2	Aam	mangifera Indica	10	25	0	0	0	0	0	0	0	35
3	Amaltas	Cassia fistula	175	580	5	1	0	0	0	0	0	761
4	Ambia	Emblica Officinalis	63	96	6	3	0	0	0	0	0	168
5	Andrale		72	392	20	2	1	0	0	0	0	487
6	Arlu	Ougeinia dalbergioides	2	26	0	0	0	0	0	0	0	28
7	Aadu	Prunus Padas	1	0	0	0	0	0	0	0	0	1
8	Anar	Punica Spp.	1	17	0	0	0	0	0	0	0	18
9	Arye		0	1	0	0	0	0	0	0	0	1
10	Alash		173	386	50	3	0	0	0	0	0	612
11	Arthey		0	1	0	0	0	0	0	0	0	1
12	Badare		0	2	0	0	0	0	0	0	0	2
13	Behul	Grewia Oppositifolia	170	202	3	0	0	0	0	0	0	375
14	Ban	Quercus leachotrichophora	6	5	1	0	0	0	0	0	0	12
15	Bombla		0	1	1	0	0	0	0	0	0	2
16	Biyunsh	Salix spp.	1	10	0	0	0	0	0	0	0	11
17	Bhera	Terminalia bellerica	1	1	2	2	0	0	0	0	0	6
18	Chakhu		1	0	0	0	0	0	0	0	0	1
19	chamarade		123	113	2	1	0	0	0	0	0	239
20	Chil	Pinus roxburghii	4	94	44	9	0	0	0	0	0	151
21	Darek	Melia azadarach	8	29	3	1	0	0	0	0	0	41
22	Daran	Punica Spp.	2	1	0	0	0	0	0	0	0	3
23	Debre		285	978	13	1	0	0	0	0	0	1277
24	Drendu	xylosma longifolium	145	587	18	1	2	0	0	0	0	753
25	fegda	Ficus palmata	1	2	0	0	0	0	0	0	0	3
26	galdhre		57	108	0	0	0	0	0	0	0	165
27	Galgal		5	6	0	0	0	0	0	0	0	11
28	Gawoun		156	365	2	0	0	0	0	0	0	523
29	Goela		36	121	2	2	0	0	0	0	0	161
30	Gebia		8	13	0	0	0	0	0	0	0	21
31	Garna		0	3	0	0	0	0	0	0	0	3
32	Ganju		4	8	0	0	0	0	0	0	0	12
33	Harad	Terminalia chebula	0	2	0	0	0	0	0	0	0	2
34	Jamun	Syzizium cumini	25	94	2	0	0	0	0	0	0	121
35	Kainth	pyrus pashia	173	689	12	0	0	0	0	0	0	874
36	kakkre	Pistacia integerrima	62	203	67	14	3	0	0	0	0	349
37	kambal	Mallotus philippinensis	2187	4007	59	5	0	0	0	0	0	6258
38	kangoo	Flacourita ramintklu	32	65	0	0	0	0	0	0	0	97
39	kachnar	Bauhinia variegata	107	231	3	0	0	0	0	0	0	341
40	khair	Acacia catechu	16	146	11	0	0	0	0	0	0	173
41	khirak	Celtis australia	34	177	7	0	1	0	0	0	0	219
42	khatri		20	53	2	0	0	0	0	0	0	75
43	kohlma		11	25	1	0	0	0	0	0	0	37
44	Kebda		1	4	0	0	0	0	0	0	0	5
45	Kurmuru		38	72	6	1	1	1	0	0	0	119
46	Kumroru		1	13	2	0	1	0	0	0	0	17
47	Kail		2	23	0	0	0	0	0	0	0	25
48	Karipata		0	1	0	0	0	0	0	0	0	1
49	Khobla		82	213	105	49	21	0	0	0	0	470
50	Karpat		0	1	0	0	0	0	0	0	0	1
51	Kargoru		1	0	0	0	0	0	0	0	0	1
52	Lusinfa		5	5	0	0	0	0	0	0	0	10
53	Lokhat		0	1	0	0	0	0	0	0	0	1
54	Muwara		0	4	0	0	0	0	0	0	0	4

Vind

55	Nashpatti		0	4	0	0	0	0	0	0	0	4
56	Oie	Albizza chinensis	28	202	72	28	9	2	2	2	0	345
57	Palhey		0	1	0	0	0	0	0	0	0	1
58	Pansra		81	114	1	0	0	0	0	0	0	196
59	Pahure		16	8	0	0	0	0	0	0	0	24
60	Pariara	Erythrina suberosa	4	115	13	3	1	0	0	0	0	136
61	Parode		32	205	4	1	0	0	0	0	0	242
62	Pantha		2	1	1	0	0	0	0	0	0	4
63	Paloh		3	21	0	0	0	0	0	0	0	24
64	Pula		107	339	64	15	2	0	0	0	0	527
65	Parkar		0	4	1	0	0	0	0	0	0	5
66	Paja		1	5	0	0	0	0	0	0	0	6
67	Punya		4	23	0	0	0	0	0	0	0	27
68	Patraj		2	5	0	0	0	0	0	0	0	7
69	Palakhar		10	36	3	0	0	0	0	0	0	49
70	Ritha	Sapindus mukorossi	4	16	5	0	0	0	0	0	0	25
71	Rubinia	Robunia pseudoacacia	5	40	0	0	0	0	0	0	0	45
72	Rathak		0	1	0	0	0	0	0	0	0	1
73	Reinn		0	1	0	0	0	0	0	0	0	1
74	Riyan		0	3	0	0	0	0	0	0	0	3
75	Segal	pyrus pashia	1	1	0	0	0	0	0	0	0	2
76	Sungar		14	14	5	0	0	0	0	0	0	33
77	Salmada		80	399	19	6	0	0	0	0	0	504
78	Sama	Engelhardfua colebrookiana	24	104	23	20	5	3	0	0	0	179
79	Safeda	Eucalyptus	0	2	1	2	0	0	0	0	0	5
80	Sovina		0	1	0	0	0	0	0	0	0	1
81	Shehtoot		1	10	0	0	0	0	0	0	0	11
82	Siyoh		0	2	0	0	0	0	0	0	0	2
83	Saru		0	1	0	0	0	0	0	0	0	1
84	Sanan	Crotalaria sericea	95	116	3	0	0	0	0	0	0	214
85	Simbal	Bombax ceiba	18	45	6	1	0	0	0	0	0	70
86	siaru	Debregaesia salicifolia	6	16	0	0	0	0	0	0	0	22
87	shisham	Dalbergia sisso	340	1275	213	35	1	0	0	0	0	1864
88	Siras	Albizza lebbek	99	204	27	3	0	0	0	0	0	333
89	Taryambal	Ficus glomerata	16	92	2	0	0	0	0	0	0	110
90	Toon	Cedrella toona	41	231	13	4	0	0	0	0	0	289
91	Tor	Bauhinia vahili	14	0	0	0	0	0	0	0	0	14
92	Tirmira	Xanthoxylum arnetum	1	14	0	0	0	0	0	0	0	15
93	Tejpata	Cinamom tamala	3	7	0	0	0	0	0	0	0	10
94	Tansari		1	0	0	0	0	0	0	0	0	1
95	Thuha		24	44	7	5	1	0	0	0	0	81
96	Umre		1	14	9	2	3	0	0	0	0	29
97	wakar		19	70	4	0	0	0	0	0	0	93
98	viyush		8	85	0	0	0	0	0	0	0	93
		Total	5422	14107	946	220	52	0	2	2	0	20757

K. N. Chaudhary
1/10/2018

Bo Bhargava

Range Forest Officer
Joginder Nagar

Range Forest Officer
Joginder Nagar
Joginder Nagar (H.P.)

[illegible]

Range Patrol Officer
Utah Forest Range
Utah

Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

Thana Plaun HEP (191 MW)													
Abstract for enumeration of trees in Forest Land coming in the various components													
S. No	Botanical Name	Local Name	Below V	IV	III	IIA	IIB	IA	IB	IC	ID	Total	
1		Aahal	0	3	2	0	0	0	0	0	0	5	
2	Cassia Fistula	Amaltash	0	517	94	2	0	0	0	0	0	613	
3	Phyllanthus Emblica	amla	0	25	4	0	0	0	0	0	0	29	
4		Arthe	0	6	0	0	0	0	0	0	0	6	
5		Badare	0	2	2	1	0	0	1	0	0	7	
6		Bakar	0	4	1	1	0	0	0	0	0	6	
7		Balodhar	0	37	28	4	0	0	0	0	0	69	
8		Bargad	0	0	1	1	0	0	0	0	0	2	
9	Grevia Optiva	Beul	0	123	4	0	0	0	0	0	0	127	
10		Beuns	0	2	3	0	0	0	0	0	0	5	
11	Terminalia Belerica	Bhera	0	5	6	2	0	0	1	0	0	14	
12	Ehretia Laevis	Chamarde	0	27	8	0	0	0	0	0	0	35	
13		Darek	0	2	0	0	0	0	0	0	0	2	
14	Ficus Hispana	Debre	0	31	7	0	0	0	0	0	0	38	
15		Dodan	0	1	0	0	0	0	0	0	0	1	
16		Ghadre	0	0	0	1	0	0	0	0	0	1	
17	Eugenia Jambolana	Jamun	0	5	3	0	0	0	0	0	0	8	
18	Bauhinia Variegata	Kachnaar	0	152	23	0	0	0	0	0	0	175	
19	Pistacio Integerrima	Kakare	0	105	60	6	3	0	0	0	0	174	
20		Kangoo	0	9	0	0	0	0	0	0	0	9	
21	Mallotus Phillipinensis	kambal	0	353	30	1	0	0	0	0	0	384	
22	Acacia Catechu	Khair	0	303	46	0	0	0	0	0	0	349	
23		Khalave	0	63	5	0	0	0	0	0	0	68	
24	Quercus Semicarpifolia	Khashray	0	4	4	0	0	0	0	0	0	8	
25	Celtis Australis	Khidak	0	1	0	0	0	0	0	0	0	1	
26	Cryptalepis Buchananii	Kuhambal	0	303	218	14	2	1	0	0	0	538	
27		Kothambal	0	0	1	0	0	0	0	0	0	1	
28		Kurumuru	0	142	31	0	0	0	0	0	0	173	
29		Lasunia	0	11	0	0	0	0	0	0	0	11	
30		Muada	0	106	110	10	3	1	0	0	0	230	
31	Albizza Chinenensis	Oyee	0	32	34	8	6	0	0	0	0	80	

Dr. J. K. Singh
27/10/2021

32		Pansare		0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	9
33		Pariara		0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	5
34	Litsaea Umbrosa	Parore		0	44	17	1	1	0	0	0	0	0	0	0	0	0	0	63
35	Ficus Riligiosa	Pipal		0	3	0	0	1	1	0	0	0	0	0	0	0	0	0	5
36		Plave		0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	2
37	Kydia Calycina	Pule		0	113	89	6	1	1	0	0	0	0	0	0	0	0	0	210
38		Rada		0	4	3	0	0	0	0	0	0	0	0	0	0	0	0	7
39		Salooni		0	18	0	0	0	0	0	0	0	0	0	0	0	0	0	18
40		Sangar		0	34	50	2	0	0	0	0	0	0	0	0	0	0	0	86
41	Morus Alba	Shehtoot		0	11	1	0	1	0	0	0	0	0	0	0	0	0	0	13
42	Delbergia Sisso	Shisham		0	328	103	12	2	0	0	0	0	0	0	0	0	0	0	445
43	Bombax Cieba	Simbal		0	28	7	0	0	0	0	0	0	0	0	0	0	0	0	35
44	Albizza Lebba	siris		0	79	48	7	6	5	0	0	0	0	0	0	0	0	0	145
45		Surmada		0	5	6	2	1	0	0	0	0	0	0	0	0	0	0	14
46		Thua		0	2	1	1	0	0	0	0	0	0	0	0	0	0	0	4
47		Thamne		0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
48	Toona Ciliata	Tooni		0	2	2	0	0	0	0	0	0	0	0	0	0	0	0	4
49		Trembal		0	8	2	0	0	0	0	0	0	0	0	0	0	0	0	10
50		Other B/L		0	48	9	0	0	0	0	0	0	0	0	0	0	0	0	57
Total				3117	1064	82	27	9	2	0	0	0	0	0	0	0	0	0	4302

Big to thakur
Big to thakur
Big to thakur

Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

Abstract for enumeration of trees in Forest Land Coming
in Thana Nam (H.E.P.) - Dharampur Range

176

GENERAL ABSTRACT of Thana Nam Project

SR. NO.	SPP.	CLASSIFICATION							Total
		Sapling	V	IV	III	IIA	IIB	IA	
1	Samba	0	12	10	0	1	1	0	24
	Volume		1.932	2.17		1.11	1.654		6.866
2	Kainth	150	100	4	0	0	0	0	104
	Volume		16.1	0.868					16.968
3	Telipatta	100	194	40	0	0	0	0	234
	Volume		31.234	8.68					39.914
4	Kakre	50	61	25	5	3	2	0	96
	Volume		9.821	5.425	2.815	3.33	3.308		24.699
5	Pule	20	30	10	2	0	0	0	42
	Volume		4.83	2.17	1.126				8.126
6	Kambal	240	450	56	4	1	0	0	511
	Volume		72.45	12.152	2.252	1.11			87.964
7	Charmade		1	1	0	0	0	0	2
	Volume		0.161	0.217					0.378
8	Debre		25	1	1	0	0	0	27
	Volume		4.025	0.217	0.563				4.805
9	Drandu	50	61	6	1	0	0	0	68
	Volume		9.821	1.302	0.563				11.686
10	Prode	250	53	5	0	0	0	0	58
	Volume		8.533	1.085					9.618
11	Padnge		4	1	0	0	0	0	5
	Volume		0.644	0.217					0.861
12	Sirus		7	4	2	0	1	0	14
	Volume		1.127	0.868	1.126		1.654		4.775
13	Tryambli		12	1	0	0	0	0	13
	Volume		1.932	0.217					2.149
14	Tirmar		5	1	0	0	0	0	6
	Volume		0.805	0.217					1.022
15	Ghaldru		3	0	0	0	0	0	3
	Volume		0.483						0.483
16	Shisham	40	58	5	2	0	0	0	65
	Volume		3.712	0.88	0.934				5.526
17	Sruambda		6	7	0	0	0	0	13
	Volume		0.966	1.519					2.485
18	Khasre		3	0	0	0	0	0	3
	Volume		0.483						0.483
19	Tuhn		20	31	14	3	2	0	70
	Volume		3.22	6.727	7.882	3.33	3.308		24.467
20	Ban		2	1	1	0	0	0	4
	Volume		0.2	0.355	0.878				1.433
21	Badrol		4	1	2	0	0	0	7
	Volume		0.644	0.217	1.126				1.987
22	Alse		1	0	0	0	0	0	1
	Volume		0.161						0.161
23	Amb		4	2	0	0	0	0	6
	Volume		0.644	0.434					1.078

24	Lucinia		3	0	0	0	0	0	3
	Volume		0.483						0.483
25	Ambla		1	0	0	0	0	0	1
	Volume		0.161						0.161
26	Anante		1	0	0	0	0	0	1
	Volume		0.161						0.161
27	Arlu		1	0	0	0	0	0	1
	Volume		0.161						0.161
28	Badaare		3	0	0	0	0	0	3
	Volume		0.483						0.483
29	Bheda		1	0	0	0	0	0	1
	Volume		0.161						0.161
30	Bhadyala		2	1	0	0	0	0	3
	Volume		0.322	0.217					0.539
31	Biyul		8	1	0	0	0	0	9
	Volume		1.288	0.217					1.505
32	Chirandi	40	32	0	0	0	0	0	32
	Volume		5.152						5.152
33	Daru		10	0	0	0	0	0	10
	Volume		1.61						1.61
34	Dodane	30	21	18	2	1	0	1	43
	Volume		3.381	3.906	1.126	1.11		2.323	11.846
35	Darek		2	1	0	0	0	0	3
	Volume		0.322	0.217					0.539
36	Farsa		1	0	0	0	0		1
	Volume		0.161						0.161
37	Guaun		7	1	0	0	0	0	8
	Volume		1.127	0.217					1.344
38	Goyala		1	0	0	0	0	0	1
	Volume		0.161						0.161
39	Jamun		2	0	0	0	0	0	2
	Volume		0.322						0.322
40	Jagella		1	0	0	0	0	0	1
	Volume		0.161						0.161
41	Kachnar	30	8	2	0	0	0	0	10
	Volume		1.288	0.434					1.722
42	Galgai		15	0	0	0	0	0	15
	Volume		2.415						2.415
43	Khidak		30	1	0	0	0	0	31
	Volume		4.83	0.217					5.047
44	Kohlma		2	0	0	0	0	0	2
	Volume		0.322						0.322
45	Muada		1	0	0	0	0	0	1
	Volume		0.161						0.161
46	Nimbu		4	0	0	0	0	0	4
	Volume		0.644						0.644
47	Oae		7	10	3	4	5	2	31
	Volume		1.127	2.17	1.689	4.44	8.27	4.646	22.342
48	Pajja		1	0	0	0	0	0	1
	Volume		0.161						0.161

	Pansre		12	0	0	0	0	0	12
	Volume		1.932						1.932
	Paryara		1	1	0	0	1	0	3
	Volume		0.161	0.217			1.654		2.032
51	Pahadi Badam	60	48	9	1	0	0	0	58
	Volume		7.728	1.953	0.563				10.244
52	Rehen		2	0	1	0	0	0	3
	Volume		0.322		0.563				0.885
53	Sangar		2	0	0	0	0	0	2
	Volume		0.322						0.322
54	Balodhar		0	1	0	0	0	0	1
	Volume			0.217					0.217
55	Plakhe		0	1	0	0	0	0	1
	Volume			0.217					0.217
56	Simbal		0	1	0	0	0	0	1
	Volume			0.217					0.217
57	Thira		0	1	1	0	1	0	3
	Volume			0.217	0.563		1.654		2.434
58	Bani		0	1	0	1	0	0	2
	Volume			0.217		1.11			1.327
	Total		1346	262	42	14	13	3	1680 nos.
	Volume		210.958	56.787	23.769	15.54	21.502	6.969	335.525
Total no. of Spp.		1060	1346	262	42	14	13	3	2740
Total volume		170.66	210.958	56.787	23.769	15.54	21.502	6.969	506.185

R. K. Sharma
B. S. Mandal

Thakur Singh
Joginder Nagar Forest Division
Joginder Nagar (H.P.)
10/10/2011

Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

Abstract of Tree for enumeration of Forest & Govt. Land coming in the various components of Thana Plaun HEP (191 MW) under R/O Lad

Bharol

General Abstract Of Muhal - Pabbo

S. No	Botanical Name	Local Name	Below V	V	IV	III	IIA	IIB	IA	IB	IC	Total
1		Aahal		3	2							5
2	Cassia Fistula	Amaltash		86	11	1						98
3	Phyllanthus Emblica	Amia		11	2							13
4		Arthe		1								1
5	Grevia Optiva	Beul		6								6
6	Ehretia Laevis	Chamarde		23	7							30
7	Ficus Hispida	Debre		4	1							5
8		Ghadre				1						1
9	Bauhinia Variegata	Kachnaar		3								3
10	Pistacio Integerrima	Kakare		5	5	1	1					12
11	Clematis Montana	Kango		2								2
12	Mallotus Phillipinensis	kambal		50	13							63
13		Khashray		2	1							3
14	Celtis Australis	Khidak		1								1
15		Konthabal			1							1
16	Cryptalepis Buchanani	Kuhambal		83	65	6	1	1				156
17		Muada		21	34	2	1					58
18	Albizia Chinensis	Oyee		2	1		1					4
19	Litsaea Umbrosa	parore		24	7	1	1					33
20	Erythrina Suberosa	Pariara		5								5
21	Kydia Calycina	Pule		9	4							13
22		Rada		4	3							7
23		Sangar		24	12							36
24	Bombax Ceiba	Simbal		2								2
25	Delbergia Sissoo	Shisham		2	5							7
26		Suramda		5	6	2	1					14
27	Albizia Lebbak	siris		32	16	1	2					51
28		Thamne		1								1
	Total			411	196	15	8	1				631

Daya
Pao Langha

Signature
21c
21c

सम परिसर अधिका
मह - महोप परिह

Thana Palaun HEP (191MW)

SPECIES WISE/CLASS WISE TREES FALLING UNDER DEEMED FOREST & GOVT. LAND IN SUBMERGENCE AREA
OF THANA PLAUN HEP (191 MW)

Muhai :- Pabo Tehsil Joginder Nagar, Distt Mandi

Sr No.	Tree No.	Species	Local Name	khasra No.	Dia (In cm)	Class
1	1/020	Delbergia Sissoo	Shisham	1541/1	22-23	IV
2	2/020	Mallotus Phillipinensis	kambal	do	25-26	IV
3	3/020		Konthabal	do	27-29	IV
4	4/020	Mallotus Phillipinensis	kambal	do	14-15	V
5	5/020	Clematis Momtana	Kango	do	13-14	V
6	6/020		Rada	do	24-25	IV
7	7/020		Rada	do	17-18	V
8	8/020		Rada	do	15-16	V
9	9/020	Mallotus Phillipinensis	kambal	do	14-15	V
10	10/020	Delbergia Sissoo	Shisham	do	14-15	V
11	11/020	Cassia Fistulla	Amaltash	do	14-15	V
12	12/020	Mallotus Phillipinensis	kambal	do	13-14	V
13	13/20	Mallotus Phillipinensis	kambal	do	14-15	V
14	14/20	Mallotus Phillipinensis	kambal	do	14-15	V
15	15/20	Mallotus Phillipinensis	kambal	do	15-16	V
16	16/20	Cassia Fistulla	Amaltash	do	13-14	V
17	17/20	Cassia Fistulla	Amaltash	do	24-25	IV
18	18/20	Cassia Fistulla	Amaltash	do	14-15	V
19	19/20	Mallotus Phillipinensis	kambal	do	14-16	V
20	20/20	Ehretia Laevis	Chamarde	do	24-25	IV
21	21/20	Cassia Fistulla	Amaltash	do	15-16	V
22	22/20	Cassia Fistulla	Amaltash	do	16-18	V
23	23/20	Cassia Fistulla	Amaltash	do	14-15	V
24	24/20	Mallotus Phillipinensis	kambal	do	18-19	V
25	25/20	Ehretia Laevis	Chamarde	do	26-28	IV
26	26/20	Mallotus Phillipinensis	kambal	do	16-18	V
27	27/20	Mallotus Phillipinensis	kambal	do	15-17	V
28	28/20	Mallotus Phillipinensis	kambal	do	22-20	IV
29	29/20	Mallotus Phillipinensis	kambal	do	16-18	V
30	30/20	Ehretia Laevis	Chamarde	do	26-28	IV
31	31/20	Cassia Fistulla	Amaltash	do	14-16	V
32	32/20	Cassia Fistulla	Amaltash	do	16-18	V
33	33/20		Rada	do	16-18	V
34	34/20	Ficus Hispida	Debre	do	16-18	V
35	35/20	Mallotus Phillipinensis	kambal	do	20-22	IV
36	36/20	Ficus Hispida	Debre	do	19-21	IV
37	37/20	Lannea Grandis	Surambda	do	47-48	IIA
38	38/20	Pistacio Integerrima	Kakare	do	20-22	IV
39	39/20	Delbergia Sissoo	Shisham	do	24-26	IV
40	40/20	Delbergia Sissoo	Shisham	do	20-22	IV
41	41/20	Delbergia Sissoo	Shisham	do	19-21	IV

42	42/20		Rada	do	22-23	IV
43	43/20	Cassia Fistulla	Amaltash	do	22-24	IV
44	44/20		Rada	do	13-14	V
45	45/20	Cassia Fistulla	Amaltash	do	22-24	IV
46	46/20	Cassia Fistulla	Amaltash	do	21-23	IV
47	47/20	Albizza Chinensis	Oyee	do	24-26	IV
48	48/20		Rada	do	22-24	IV
49	49/20	Delbergia Sissoo	Shisham	do	13-15	V
50	50/20	Cassia Fistulla	Amaltash	do	13-16	V
51	51/20	Albizza Chinensis	Oyee	do	48-50	IIA
52	52/20	Albizza Chinensis	Oyee	do	18-20	V
53	53/20	Albizza Chinensis	Oyee	do	14-15	V
54	54/20	Cassia Fistulla	Amaltash	do	14-15	V
55	55/20	Albizza Lebbak	siris	do	14-15	V
56	56/20	Mallotus Phillipinensis	kambal	do	16-17	V
57	57/20	Mallotus Phillipinensis	kambal	do	21-22	IV
58	58/20	Mallotus Phillipinensis	kambal	do	22-23	IV
59	59/20	Eryhrina Suberosa	Parera	do	24-25	IV
60	60/20	Albizza Lebbak	siris	do	21-22	IV
61	61/20	Cosia Fistulla	Aahal	do	16-17	V
62	62/20	Cosia Fistulla	Aahal	do	14-15	V
63	63/20	Mallotus Phillipinensis	kambal	do	13-14	V
64	64/20	Pistacio Integerrima	Kakre	do	37-39	III
65	65/20	Pistacio Integerrima	Kakre	do	14-15	V
66	66/20	Clematis Montana	Kango	do	19-20	V
67	67/20	Cosia Fistulla	Aahal	do	21-22	IV
68	68/20	Cosia Fistulla	Aahal	do	21-22	IV
69	69/20	Cosia Fistulla	Aahal	do	14-16	V
70	70/20	Mallotus Phillipinensis	kambal	do	14-15	V
71	71/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
72	72/20	Mallotus Phillipinensis	kambal	do	21-22	IV
73	73/20	Cassia Fistulla	Amaltash	do	15-16	V
74	74/20	Cryptalepis Buchanani	Kuhambal	do	28-30	IV
75	75/20	Mallotus Phillipinensis	kambal	do	14-16	V
76	76/20	Mallotus Phillipinensis	kambal	do	16-18	V
77	77/20	Albizzia Labbek	siris	do	14-16	V
78	78/20	Ficus Hispida	Debre	do	18-20	V
79	79/20	Delbergia Sissoo	Shisham	do	20-22	IV
80	80/20	Ehretia Laevis	Chamarde	do	14-16	IV
81	81/20	Mallotus Phillipinensis	kambal	do	16-18	V
82	82/20	Cassia Fistulla	Amaltash	do	14-16	V
83	83/20	Cassia Fistulla	Amaltash	do	15-17	V
84	84/20	Cassia Fistulla	Amaltash	do	14-16	V
85	85/20	Cassia Fistulla	Amaltash	do	16-18	V
86	86/20	Cassia Fistulla	Amaltash	do	16-18	V
87	87/20	Albizzia Labbek	siris	do	24-26	V
88	88/20	Mallotus Phillipinensis	kambal	do	14-16	V

89	89/20	Mallotus Phillipinensis	kambal	do	18-20	IV
90	90/20	Cassia Fistulla	Kamal	do	16-18	V
91	91/20	Mallotus Phillipinensis	kambal	do	20-22	IV
92	92/20	Cydia Claycina	Pule	do	20-22	IV
93	93/20	Cydia Claycina	Pule	do	14-16	V
94	94/20	Ehretia Laevis	Chamarde	do	18-20	V
95	95/20	Cassia Fistulla	Amaltash	do	14-16	V
96	96/20	Mallotus Phillipinensis	kambal	do	20-22	IV
97	97/20	Mallotus Phillipinensis	kambal	do	24-26	IV
98	98/20	Eryhrina Suberosa	Chamarde	do	20-22	IV
99	99/20	Eryhrina Suberosa	Chamarde	do	14-16	V
100	100/20	Eryhrina Suberosa	Chamarde	do	16-18	V
101	101/20	Kydia Calycina	Pule	do	20-22	IV
102	102/20	Albizia Lebbak	siris	do	14-15	V
103	103/20	Mallotus Phillipinensis	kambal	do	14-15	V
104	104/20	Mallotus Phillipinensis	kambal	do	20-22	IV
105	105/20	Cassia Fistulla	Amaltash	do	14-15	V
106	106/20	Cryptalepis Buchanani	kuhambal	do	24-25	IV
107	107/20	Cassia Fistulla	Amaltash	do	14-15	V
108	108/20	Cassia Fistulla	Amaltash	do	19-20	V
109	109/20	Ehretia Laevis	Chamarde	do	14-15	V
110	110/20	Cassia Fistulla	Amaltash	do	14-15	V
111	111/20	Mallotus Phillipinensis	kambal	do	16-17	V
112	112/20	Mallotus Phillipinensis	kambal	do	15-16	V
113	113/20	Ehretia Laevis	Chamarde	do	18-20	V
114	114/20	Ehretia Laevis	Chamarde	do	14-15	V
115	115/20	Ehretia Laevis	Chamarde	do	16-18	V
116	116/20	Cassia Fistulla	Amaltash	do	13-14	V
117	117/20	Ehretia Laevis	Chamarde	do	15-16	V
118	118/20	Ehretia Laevis	Chamarde	do	15-16	V
119	119/20	Mallotus Phillipinensis	kambal	do	17-18	V
120	120/20	Ehretia Laevis	Chamarde	do	15-16	V
121	121/20	Cassia Fistulla	Amaltash	do	15-16	V
122	122/20	Cassia Fistulla	Amaltash	do	16-18	V
123	123/20	Albizia Lebbak	siris	do	16-18	V
124	124/20		Thamne	do	18-19	V
125	125/20	Ehretia Laevis	Chamarde	do	15-17	V
126	126/20	Cassia Fistulla	Amaltash	do	14-15	V
127	127/20	Mallotus Phillipinensis	kambal	do	15-17	V
128	128/20	Mallotus Phillipinensis	kambal	do	16-17	V
129	129/20	Mallotus Phillipinensis	kambal	do	16-18	V
130	130/20	Cassia Fistulla	Amaltash	do	24-25	V
131	131/20	Mallotus Phillipinensis	kambal	do	14-16	V
132	132/20	Mallotus Phillipinensis	kambal	do	16-18	V
133	133/20	Mallotus Phillipinensis	kambal	do	14-16	V
134	134/20	Mallotus Phillipinensis	kambal	do	14-16	V
135	135/20	Ehretia Laevis	Chamarde	do	20-22	IV

136	136/20	Cassia Fistulla	Amaltash	do	18-19	V
137	137/20	Ehretia Laevis	Chamarde	do	16-17	V
138	138/20	Albizzia Lebbak	siris	do	15-16	V
139	139/20	Ehretia Laevis	Chamarde	do	25-26	IV
140	140/20	Mallotus Phillipinensis	kambal	do	16-17	V
141	141/20	Mallotus Phillipinensis	kambal	do	14-15	V
142	142/20	Mallotus Phillipinensis	kambal	do	16-17	V
143	143/20	Kydia Calycina	Pule	do	14-16	V
144	144/20	Ehretia Laevis	Chamarde	do	14-16	V
145	145/20	Mallotus Phillipinensis	kambal	do	26-28	IV
146	146/20	Mallotus Phillipinensis	kambal	do	18-20	V
147	147/20		Debre	do	16-17	V
148	148/20	Albizzia Lebbak	siris	do	14-16	V
149	149/20	Albizzia Lebbak	siris	do	14-16	V
150	150/20	Ehretia Laevis	Chamarde	do	18-20	V
151	151/20	Cassia Fistulla	Amaltash	do	18-20	V
152	152/20	Ehretia Laevis	Chamarde	do	14-16	V
153	153/20		Muara	do	28-29	IV
154	154/20	Mallotus Phillipinensis	kambal	do	14-16	V
155	155/20	Kydia Caycina	siris	do	18-20	V
156	156/20	Albizzia Lebbak	siris	do	14-16	V
157	157/20	Mallotus Phillipinensis	kambal	do	28-29	IV
158	158/20	Cryptalepis Buchanani	Kuhambal	do	30-31	III
159	159/20	Lannea Grandis	Suramda	do	37-38	III
160	160/20	Ehretia Laevis	Chamarde	do	15-16	V
161	161/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
162	162/20	Ehretia Laevis	Chamarde	do	18-20	V
163	163/20	Cassia Fistulla	Amaltash	do	18-19	V
164	164/20	Ehretia Laevis	Chamarde	do	16-17	V
165	165/20	Albizzia Labbek	siris	do	28-29	IV
166	166/20	Cassia Fistulla	Amaltash	do	16-17	V
167	167/20	Kydia Caycina	Pule	do	17-18	V
168	168/20	Ehretia Laevis	Chamarde	do	15-16	V
169	169/20	Ficus Hispida	Debre	do	16-17	V
170	170/20	Ehretia Laevis	Chamarde	do	14-15	V
171	171/20	Mallotus Phillipinensis	kambal	do	15-16	V
172	172/20	Ehretia Laevis	Chamarde	do	24-25	IV
173	173/20	Cassia Fistulla	Amaltash	do	15-16	V
174	174/20	Ehretia Laevis	Chamarde	do	16-17	V
175	175/20	Mallotus Phillipinensis	kambal	do	15-16	V
176	176/20	Ehretia Laevis	Chamarde	do	17-18	V
177	177/20	Cassia Fistulla	Amaltash	do	16-17	V
178	178/20	Cassia Fistulla	Amaltash	do	15-16	V
179	179/20	Cassia Fistulla	Amaltash	do	15-16	V
180	180/20	Mallotus Phillipinensis	kambal	do	15-16	V
181	181/20	Cryptalepis Buchanani	Kuhambal	do	30-31	III
182	182/20	Erythrina Suberosa	Pariara	do	16-17	V

183	183/20	Cryptalepis Buchanani	Kuhambal	do	27-28	IV
184	184/20	Cryptalepis Buchanani	Kuhambal	do	35-36	III
185	185/20	Cassia Fistulla	Amaltash	do	17-18	V
186	186/20	Phyllanthus Emblica	amla	do	14-15	V
187	187/20	Phyllanthus Emblica	amla	do	14-15	v
188	188/20	Cassia Fistulla	Amaltash	do	15-16	v
189	189/20	Pistacio Integerrima	Kakre	do	21-22	IV
190	190/20	Lannea Grandis	Suramda	do	21-22	IV
191	191/20	Lannea Grandis	Suramda	do	21-22	IV
192	192/20	Albizia Lebbeck	siris	do	21-22	IV
193	193/20		Muara	do	24-25	IV
194	194/20	Bauhinia Variegata	Kachnaar	do	13-14	V
195	195/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
196	196/20	Cryptalepis Buchanani	Kuhambal	do	16-17	V
197	197/20	Eryhrina Suberosa	Pariara	do	16-17	V
198	198/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
199	199/20	Pistacio Integerrima	Kakre	do	27-28	IV
200	200/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
201	201/020	Cryptalepis Buchanani	Kuhambal	do	15-16	V
202	202/020	Lannea Grandis	Suramda	do	27-28	IV
203	203/020		Muara	do	15-16	V
204	204/020	Bauhinia Variegata	Kachnaar	do	16-17	V
205	205/020	Lannea Grandis	Suramda	do	14-15	V
206	206/020	Eryhrina Suberosa	Pariara	do	16-17	V
207	207/020	Lannea Grandis	Suramda	do	16-17	V
208	208/020	Lannea Grandis	Suramda	do	16-17	V
209	209/020	Lannea Grandis	Suramda	do	26-27	IV
210	210/020	Grevia Optiva	Beul	do	16-17	V
211	211/020	Lannea Grandis	Suramda	do	32-33	III
212	212/020	Lannea Grandis	Suramda	do	28-29	IV
213	213/20	Lannea Grandis	Suramda	do	18-19	V
214	214/20	Lannea Grandis	Suramda	do	43-44	IIA
215	215/20	Lannea Grandis	Suramda	do	22-23	IV
216	216/20	Phyllanthus Emblica	amla	do	21-22	IV
217	217/20	Eryhrina Suberosa	Pariara	do	19-20	V
218	218/20	Lannea Grandis	Suramda	do	15-16	V
219	19/20	Eryhrina Suberosa	Pariara	do	13-14	V
220	220/20	Cryptalepis Buchanani	Kuhambal	do	26-27	IV
221	221/20	Litsaea Umbrosa	parore	do	13-14	V
222	222/20	Cryptalepis Buchanani	Kuhambal	do	14-15	V
223	223/20	Cryptalepis Buchanani	Kuhambal	do	16-17	V
224	224/20	Litsaea Umbrosa	parore	do	16-17	V
225	225/20	Litsaea Umbrosa	parore	do	17-18	V
226	226/20	Litsaea Umbrosa	parore	do	14-15	V
227	227/20	Cryptalepis Buchanani	Kuhambal	do	18-19	III
228	228/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
229	229/20	Cryptalepis Buchanani	Kuhambal	do	18-19	V

230	230/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
231	231/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
232	232/20	Cryptalepis Buchanani	Kuhambal	do	28-29	IV
233	233/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
234	234/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
235	235/20	Cryptalepis Buchanani	Kuhambal	do	16-17	V
236	236/20	Litsaea Umbrosa	parore	do	16-17	V
237	237/20	Bauhinia Variegata	Kachnaar	do	13-14	V
238	238/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
239	239/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
240	240/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
241	241/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
242	242/20	Cryptalepis Buchanani	Kuhambal	do	28-29	IV
243	243/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
244	244/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
245	245/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
246	246/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
247	247/20	Litsaea Umbrosa	parore	do	19-20	V
248	248/20	Cryptalepis Buchanani	Kuhambal	do	12-13	V
249	249/20	Cassia Fistula	Amaltash	do	12-13	V
250	250/20	Cryptalepis Buchanani	Kuhambal	do	24-25	IV
251	251/20	Cryptalepis Buchanani	Kuhambal	do	24-25	IV
252	252/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
253	253/20	Cryptalepis Buchanani	Kuhambal	do	16-17	V
254	254/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
255	255/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
256	256/20	Litsaea Umbrosa	parore	do	14-15	V
257	257/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
258	258/20	Cryptalepis Buchanani	Kuhambal	do	33-34	III
259	259/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
260	260/20	Albizia Lebbeck	siris	do	15-16	V
261	261/20	Litsaea Umbrosa	parore	do	15-16	V
262	262/20	Cryptalepis Buchanani	Kuhambal	do	24-25	IV
263	263/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
264	264/20	Mallotus Phillipinensis	kambal	do	14-15	V
265	265/20	Litsaea Umbrosa	parore	do	15-16	V
266	266/20	Cassia Fistula	Amaltash	do	18-19	V
267	267/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
268	268/20	Litsaea Umbrosa	parore	do	13-14	V
269	269/20	Litsaea Umbrosa	parore	do	13-14	V
270	270/20	Litsaea Umbrosa	parore	do	18-19	V
271	271/20	Cassia Fistula	Amaltash	do	12-13	V
272	272/20	Litsaea Umbrosa	parore	do	14-15	V
273	273/20	Litsaea Umbrosa	parore	do	19-20	V
274	274/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
275	275/20	Cassia Fistula	Amaltash	do	13-14	V
276	276/20	Albizia Lebbeck	siris	do	13-14	V

277	277/20	Albizia Lebbeck	siris	do	14-15	V
278	278/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
279	279/20	Grevia Optiva	Beul	do	13-14	V
280	280/20	Cassia Fistulla	Amaltash	do	18-19	V
281	281/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
282	282/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
283	283/20	Cassia Fistulla	Amaltash	do	17-18	V
284	284/20	Litsaea Umbrosa	parore	do	12 13	V
285	285/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
286	286/20	Grevia Optiva	Beul	do	12 13	V
287	287/20	Litsaea Umbrosa	parore	do	16-17	V
288	288/20	Grevia Optiva	Beul	do	14-15	V
289	289/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
290	290/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
291	291/20	Litsaea Umbrosa	parore	do	17-18	V
292	292/20	Phyllanthus Emblica	amla	do	15-16	V
293	293/20	Albizia Lebbeck	siris	do	18-19	V
294	294/20		Sangar	do	18-19	V
295	295/20	Litsaea Umbrosa	parore	do	15-16	V
296	296/20	Cassia Fistulla	Amaltash	do	16-17	V
297	297/20		Sangar	do	18-19	V
298	298/20		Sangar	do	17-18	V
299	299/20		Muara	do	18-19	V
300	300/20		Muara	do	17-18	V
301	301/20	Cassia Fistulla	Amaltash	do	17-18	V
302	302/20	Bombax Ceiba	Simbal	do	18-19	V
303	303/20		Sangar	do	15-16	V
304	304/20		Muara	do	15-16	V
305	305/20	Cassia Fistulla	Amaltash	do	17-18	V
306	306/20		Sangar	do	15-16	V
307	307/20		Sangar	do	11 12	V
308	308/20		Sangar	do	17-18	V
309	309/20		Sangar	do	16-17	V
310	310/20		Sangar	do	15-16	V
311	311/20		Sangar	do	13-14	V
312	312/20		Sangar	do	12 13	V
313	313/20	Mallotus Phillipinensis	kambal	do	12 13	V
314	314/20	Mallotus Phillipinensis	kambal	do	15-16	V
315	315/20	Mallotus Phillipinensis	kambal	do	15-16	V
316	316/20		Sangar	do	16-17	V
317	317/20		Sangar	do	16-17	V
318	318/20	Albizia Lebbeck	siris	do	16-17	V
319	319/20	Mallotus Phillipinensis	kambal	do	12 13	V
320	320/20	Albizia Lebbeck	siris	do	24-25	IV
321	321/20		Sangar	do	25-26	IV
322	322/20		Sangar	do	22-23	IV
323	323/20	Mallotus Phillipinensis	kambal	do	12 13	V

324	324/20	Mallotus Phillipinensis	kambal	do	12-13	V
325	325/20		Sangar	do	12-13	V
326	326/20		Sangar	do	13-14	V
327	327/20	Albizia Lebbeck	siris	do	23-24	IV
328	328/20	Cassia Fistulla	Amaltash	do	15-16	V
329	329/20	Phyllanthus Emblica	amla	do	15-16	V
330	330/20		Sangar	do	15-16	V
331	331/20		Sangar	do	21-22	IV
332	332/20		Sangar	do	19-20	V
333	333/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
334	334/20		Sangar	do	22-23	IV
335	335/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
336	336/20	Cassia Fistulla	Amaltash	do	12-13	V
337	337/20	Cryptalepis Buchanani	Kuhambal	do	14-15	V
338	338/20	Cassia Fistulla	Amaltash	do	15-16	V
339	339/20	Cassia Fistulla	Amaltash	do	16-17	V
340	340/20		Sangar	do	18-19	V
341	341/20	Albizia Lebbeck	siris	do	21-22	IV
342	342/20	Grevia Optiva	Beul	do	13-14	V
343	343/20		Sangar	do	17-18	V
344	344/20	Kydia Calycina	Pule	do	14-15	V
345	345/20	Litsaea Umbrosa	parore	do	18-19	V
346	346/20	Cassia Fistulla	Amaltash	do	16-17	V
347	347/20	Cassia Fistulla	Kuhambal	do	12-13	V
348	348/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
349	349/20	Bauhinia Variegata	Kuhambal	do	17-18	V
350	350/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
351	351/20	Cryptalepis Buchanani	Kuhambal	do	16-17	V
352	352/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
353	353/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
354	354/20	Kydia Calycina	Pule	do	15-16	V
355	355/20	Mallotus Phillipinensis	kambal	do	16-17	V
356	356/20	Phyllanthus Emblica	amla	do	12-13	V
357	357/20	Cassia Fistulla	Amaltash	do	16-17	V
358	358/20	Mallotus Phillipinensis	kambal	do	14-15	V
359	359/20	Kydia Calycina	Pule	do	14-15	V
360	360/20	Albizia Lebbeck	siris	do	19-20	V
361	361/20	Cryptalepis Buchanani	Kuhambal	do	18-19	V
362	362/20	Cassia Fistulla	Amaltash	do	19-20	V
363	363/20	Cassia Fistulla	Amaltash	do	18-19	V
364	364/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
365	365/20	Albizia Lebbeck	siris	do	19-20	V
366	366/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
367	367/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
368	368/20		parore	do	21-22	IV
369	369/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
370	370/20		Sangar	do	19-20	V

371	371/20	Phyllanthus Emblica	amla	do	12-13	V
372	372/20	Cassia Fistulla	Amaltash	do	19-20	V
373	373/20		Sangar	do	21-22	IV
374	374/20	Phyllanthus Emblica	amla	do	14-15	V
375	375/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
376	376/20	Cassia Fistulla	Amaltash	do	12-13	V
377	377/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
378	378/20	Kydia Calycina	Pule	do	23-24	IV
379	379/20	Mallotus Phillipinensis	kambal	do	14-15	V
380	380/20	Cryptalepis Buchanani	Kuhambal	do	14-15	V
381	381/20	Cassia Fistulla	Amaltash	do	15-16	V
382	382/20	Albizia Lebbeck	siris	do	14-15	V
383	383/20	Mallotus Phillipinensis	kambal	do	14-15	V
384	384/20		parore	do	14-15	V
385	385/20	Albizia Lebbeck	siris	do	13-14	V
386	386/20	Kydia Calycina	Pule	do	12-13	V
387	387/20	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
388	388/20	Albizia Lebbeck	siris	do	13-14	V
389	389/20	Cassia Fistulla	Amaltash	do	16-17	V
390	390/20	Albizia Lebbeck	siris	do	14-15	V
391	391/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
392	392/20	Cassia Fistulla	Amaltash	do	17-18	V
393	393/20	Cryptalepis Buchanani	Kuhambal	do	14-15	V
394	394/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
395	395/20	Cryptalepis Buchanani	Kuhambal	do	14-15	V
396	396/20	Cassia Fistulla	Amaltash	do	18-19	V
397	397/20	Kydia Calycina	Pule	do	15-16	V
398	398/20		Muara	do	21-22	IV
399	399/20		Muara	do	19-20	V
400	400/20	Pistacio Integerrima	Kakre	do	49-50	IIA
401	401/20		Ghadre	do	32-33	III
402	402/20	Cassia Fistulla	Amaltash	do	17-18	V
403	403/20	Cassia Fistulla	Amaltash	do	17-18	V
404	404/20		Muara	do	17-18	V
405	405/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
406	406/20	Albizia Lebbeck	siris	do	15-16	V
407	407/20		Sangar	do	15-16	V
408	408/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
409	409/20	Cassia Fistulla	Amaltash	do	14-15	V
410	410/20	Kydia Calycina	Pule	do	14-15	V
411	411/20	Albizia Lebbeck	siris	do	17-18	V
412	412/20		Sangar	do	22-23	IV
413	413/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
414	414/20		Sangar	do	18-19	V
415	415/20	Mallotus Phillipinensis	kambal	do	15-16	V
416	416/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
417	417/20		Sangar	do	15-16	V

418	418/20	Bombax Ceiba	Simbal	do	13-14	V
419	419/20	Cassia Fistulla	Amaltash	do	13-14	V
420	420/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
421	421/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
422	422/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
423	423/20	Cassia Fistulla	Amaltash	do	15-16	V
424	424/20	Cassia Fistulla	Amaltash	do	16-17	V
425	425/20		Muara	do	19-20	V
426	426/20	Cassia Fistulla	Amaltash	do	18-19	V
427	427/20	Cryptalepis Buchanani	Kuhambal	do	18-19	V
428	428/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
429	429/20	Cryptalepis Buchanani	Kuhambal	do	18-19	V
430	430/20	Cryptalepis Buchanani	Kuhambal	do	18-19	V
431	431/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
432	432/20	Cryptalepis Buchanani	Kuhambal	do	31-32	III
433	433/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
434	434/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
435	435/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
436	436/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
437	437/20	Phyllanthus Emblica	amla	do	18-19	V
438	438/20	Cassia Fistulla	Amaltash	do	21-22	IV
439	439/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
440	440/20		Muara	do	23-24	IV
441	441/20	Albizia Lebbeck	siris	do	15-16	V
442	442/20		Muara	do	17-18	V
443	443/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
444	444/20	Litsaea Umbrosa	parore	do	18-19	V
445	445/20	Cryptalepis Buchanani	Kuhambal	do	14-15	V
446	446/20	Cassia Fistulla	Amaltash	do	14-15	V
447	447/20		Muara	do	28-29	IV
448	448/20		Muara	do	19-20	V
449	449/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
450	450/20		Muara	do	18-19	V
451	451/20		Muara	do	25-27	IV
452	452/20		Muara	do	24-25	IV
453	453/20	Cassia Fistulla	Amaltash	do	15-16	V
454	454/20	Cryptalepis Buchanani	Kuhambal	do	26-27	IV
455	455/20	Albizia Lebbeck	siris	do	23-24	IV
456	456/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
457	457/20	Albizia Lebbeck	siris	do	12-13	V
458	458/20	Albizia Lebbeck	siris	do	13-14	V
459	459/20	Cryptalepis Buchanani	Kuhambal	do	14-15	V
460	460/20	Albizia Lebbeck	siris	do	15-16	V
461	461/20		Muara	do	25-26	IV
462	462/20		Muara	do	23-24	IV
463	463/20	Albizia Lebbeck	siris	do	42-43	IIA
464	464/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV

465	465/20	Albizia Lebbeck	siris	do	24-25	IV
466	466/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
467	467/20	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
468	468/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
469	469/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
470	470/20	Litsaea Umbrosa	parore	do	15-16	V
471	471/20	Cassia Fistulla	Amaltash	do	13-14	V
472	472/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
473	473/20	Cassia Fistulla	Amaltash	do	12-13	V
474	474/20		Muara	do	21-22	IV
475	475/20		Sangar	do	22-23	IV
476	476/20		Muara	do	22-23	IV
477	477/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
478	478/20		Muara	do	21-22	IV
479	479/20		Muara	do	16-17	V
480	480/20		Sangar	do	15-16	V
481	481/20	Phyllanthus Emblica	amla	do	15-16	V
482	482/20	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
483	483/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
484	484/20		Sangar	do	23-24	IV
485	485/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
486	486/20	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
487	487/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
488	488/20	Albizia Lebbeck	siris	do	13-14	V
489	489/20	Grevia Optiva	Beul	do	14-15	V
490	490/20	Cryptalepis Buchanani	Kuhambal	do	16-17	V
491	491/20	Cassia Fistulla	Amaltash	do	12-13	V
492	492/20	Cryptalepis Buchanani	Kuhambal	do	16-17	V
493	493/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
494	494/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
495	495/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
496	496/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
497	497/20		Arthe	do	16-17	V
498	498/20	Cryptalepis Buchanani	Kuhambal	do	16-17	V
499	499/20		Muara	do	21-22	IV
500	500/20		Muara	do	21-22	IV
501	501/20		Muara	do	21-22	IV
502	502/20		Sangar	do	22-23	IV
503	503/20	Litsaea Umbrosa	parore	do	23-24	IV
504	504/20		Muara	do	23-24	IV
505	505/20		Muara	do	14-15	V
506	506/20	Celtis Australis	Khidak	do	15-16	V
507	507	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
508	508		Muara	do	21-22	IV
509	509		Muara	do	24-25	IV
510	510	Albizia Lebbeck	siris	do	23-24	IV
511	511	Cassia Fistulla	Amaltash	do	15-16	V

512	512	Cassia Fistulla	Amaltash	do	15-16	V
513	513	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
514	514	Phyllanthus Emblica	amla	do	14-15	V
515	515	Cryptalepis Buchanani	Kuhambal	do	14-15	V
516	516	Albizia Lebbeck	siris	do	26-27	IV
517	517	Albizia Lebbeck	siris	do	18-19	V
518	518		Muara	do	21-22	IV
519	519		Muara	do	21-22	IV
520	520		Muara	do	22-23	IV
521	521	Cassia Fistulla	Amaltash	do	21-22	IV
522	522	Kydia Calycina	Pule	do	24-25	IV
523	523		Muara	do	24-25	IV
524	524	Albizia Lebbeck	siris	do	35-36	III
525	525	Albizia Lebbeck	siris	do	18-19	V
526	526		Sangar	do	24-25	IV
527	527		Muara	do	21-22	IV
528	528	Cryptalepis Buchanani	Kuhambal	do	17-18	V
529	529	Cassia Fistulla	Amaltash	do	14-15	V
530	530		Muara	do	21-22	IV
531	531		Muara	do	21-22	IV
532	532		Muara	do	21-22	IV
533	533		Muara	do	25-26	IV
534	534		Muara	do	22-23	IV
535	535	Litsaea Umbrosa	parore	do	18-19	V
536	536	Cryptalepis Buchanani	Kuhambal	do	17-18	V
537	537	Cryptalepis Buchanani	Kuhambal	do	17-18	V
538	538	Albizia Lebbeck	siris	do	21-22	IV
539	539	Cryptalepis Buchanani	Kuhambal	do	14-15	V
540	540		Muara	do	19-20	V
541	541		Muara	do	21-22	IV
542	542	Cassia Fistulla	Amaltash	do	15-16	V
543	543	Cassia Fistulla	Amaltash	do	16-17	V
544	544	Cassia Fistulla	Amaltash	do	15-16	V
545	545	Mallotus Phillipinensis	kambal	do	15-16	V
546	546	Cassia Fistulla	Amaltash	do	15-16	V
547	547	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
548	548	Litsaea Umbrosa	parore	do	21-22	IV
549	549	Cassia Fistulla	Amaltash	do	22-23	IV
550	550	Cassia Fistulla	Amaltash	do	16-17	V
551	551	Albizia Lebbeck	siris	do	24-25	IV
552	552	Cassia Fistulla	Amaltash	do	17-18	V
553	553	Phyllanthus Emblica	amla	do	23-24	IV
554	554	Cassia Fistulla	Amaltash	do	15-16	V
555	555		Muara	do	16-17	V
556	556	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
557	557	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
558	558	Cryptalepis Buchanani	Kuhambal	do	21-22	IV

559	559	Cryptalepis Buchanani	Kuhambal	do	13-14	V
560	560	Pistacio Integerrima	Kakre	do	16-17	V
561	561	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
562	562	Pistacio Integerrima	Kakre	do	18-19	V
563	563	Cryptalepis Buchanani	Kuhambal	do	14-15	V
564	564		Muara	do	23-24	IV
565	565	Cryptalepis Buchanani	Kuhambal	do	14-15	V
566	566	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
567	567	Albizia Lebbeck	siris	do	18-19	V
568	568		Muara	do	22-23	IV
569	569	Cryptalepis Buchanani	Kuhambal	do	14-15	V
570	570	Litsaea Umbrosa	parore	do	19-20	V
571	571	Cassia Fistulla	Amaltash	do	21-22	IV
572	572		Muara	do	24-25	IV
573	573	Cassia Fistulla	Amaltash	do	18-19	V
574	574	Phyllanthus Emblica	amla	do	16-17	V
575	575	Cryptalepis Buchanani	Kuhambal	do	17-18	V
576	576	Albizia Lebbeck	siris	do	18-19	V
577	577	Cassia Fistulla	Amaltash	do	21-22	IV
578	578	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
579	579	Albizia Lebbeck	siris	do	24-25	IV
580	580		Muara	do	17-18	V
581	581		Muara	do	32-33	III
582	582	Albizia Lebbeck	siris	do	22-23	IV
583	583		Muara	do	15-16	V
584	584		Muara	do	22-23	IV
585	585		Muara	do	16-17	V
586	586	Litsaea Umbrosa	parore	do	22-23	IV
587	587	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
588	588		Muara	do	16-17	V
589	589		Muara	do	18-19	V
590	590	Pistacio Integerrima	Kakre	do	17-18	V
591	591		Muara	do	39-40	III
592	592	Cassia Fistulla	Amaltash	do	36-37	III
593	593	Albizia Lebbeck	siris	do	46-47	IIA
594	594	Litsaea Umbrosa	parore	do	25-26	IV
595	595	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
596	596	Litsaea Umbrosa	parore	do	21-22	IV
597	597	Litsaea Umbrosa	parore	do	22-23	IV
598	598	Cassia Fistulla	Amaltash	do	21-22	IV
599	599	Albizia Lebbeck	siris	do	22-23	IV
600	600	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
601	601	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
602	602	Albizia Lebbeck	siris	do	25-26	IV
603	603	Pistacio Integerrima	Kakre	do	28-29	IV
604	604	Litsaea Umbrosa	parore	do	35-36	III
605	605	Cryptalepis Buchanani	Kuhambal	do	21-22	IV

606	606	Pistacio Integerrima	Kakre	do	21-22	IV
607	607	Cassia Fistulla	Amaltash	do	17-18	V
608	608	Cryptalepis Buchanani	kua	do	32-33	III
609	609		Muara	do	18-19	V
610	610		Muara	do	46-47	IIA
611	611		Muara	do	16-17	V
612	612	Litsaea Umbrosa	parore	do	44-45	IIA
613	613	Pistacio Integerrima	Kakre	do	25-26	IV
614	614	Cryptalepis Buchanani	Kuhambal	do	17-18	V
615	615		Muara	do	21-22	IV
616	616	Cassia Fistulla	Amaltash	do	21-22	IV
617	617	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
618	618	Cryptalepis Buchanani	Kuhambal	do	51-52	IIB
619	619	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
620	620	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
621	621	Cryptalepis Buchanani	Kuhambal	do	29-30	IV
622	622	Pistacio Integerrima	Kakre	do	19-20	V
623	623		Sangar	do	25-26	IV
624	624	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
625	625	Cryptalepis Buchanani	Kuhambal	do	42-43	IIA
626	626		Sangar	do	18-19	V
627	627		khashray	do	22-23	IV
628	628		khashray	do	15-16	V
629	629		khashray	do	16-17	V
630	630	Cryptalepis Buchanani	Kuhambal	do	17-18	V
631	631	Cassia Fistulla	Amaltash	do	16-17	V

Prigallika
D. H. H.
Bent

Dr. P. S.
Rao Langha

बन परिक्षेत्र अधिकारी
मह - भ्रमोल परिक्षेत्र
मिस्त्र मण्डी (वि.प.)

Abstract of Trees for enumeration of Trees in Forest & Govt. Land coming in the various components of Thana Plaun HEP (191 MW) under R/O Lad Bharol

General Abstract of Muhul - Ambe ra - Gahra

S. No	Botanical Name	Local Name	Below V	V	IV	III	IIA	IIB	IA	IB	IC	Total
1	Cassia Fistula	Amaltash		263	45							308
2	Phyllanthus Emblica	amla		7								7
3		Arthe		3								3
4		Balodhar		28	20	2						50
5	Grevia Optiva	Beul		86	4							90
6	Terminalia Belerica	Bhera							1			1
7	Ehretia Laevis	Chamarde		2								2
8	Ficus Hispida	Debre		6								6
9		Dodan		1								1
10	Bauhinia Variegata	Kachnaar		115	16							131
11	Pistacio Integerrima	Kakare		57	36	4						97
12	Mallotus Phillipinensis	kambal		68								68
13		Khalave		51	4							55
14		Kurumuru		96	17							113
15	Quercus Semicarpifolia	Khashray			2							2
16	Cryptalepis Buchananii	Kuhambal		153	98	2						253
17		Muuda		23	43	3	1	1				71
18	Albizza Chinensis	Oyee		1								1
19	Litsaea Umbrosa	Parore		2	1							3
20		Plave		1	1							2
21	Kydia Calycina	Pule		36	17	1			1			55
22		Sangar		13	12							25
23	Morus Alba	Shehtoot		1								1
24	Albizza Lebbak	siris		10	16		1					27
25	Toona Ciliata	Tooni		1								1
	Total			1024	332	12	2	2	1			1373

Signature of the Officer
D. D. Langra

वन परिक्षेत्र अधिकारी
मउ - भंडोल परिक्षेत्र
रिफा भण्डारी (डि.ए.)

Thana Plaun HEP (191 MW)

SPECIES WISE/CLASS WISE TREES FALLING UNDER DEEMED FOREST & GOVT. LAND IN SUBMERGENCE
AREA OF THANA PLAUN HEP (191 MW) R/O Lad - Bharol

Muhul :- Ambe ra - Gahra, Tehsil Joginder Nagar, Distt. :- Mandi

Sr No.	Tree No.	Species	Local Name	khasra No.	Dia (in cm)	Class
1	1/020	Albizia Chinensis	Oyee	333/1,	17-18	V
2	2/020	Toona Ciliata	Tooni	343/330/1,	16-17	V
3	3/020		Kurumuru	343/330/2,	24-25	IV
4	4/020	Pistacio Integerrima	Kakare	& 343/330/3	15-16	V
5	5/020		Kurumuru	do	15-16	V
6	6/020		Kurumuru	do	21-22	IV
7	7/020	Mallotus Phillipinensis	kambal	do	15-16	V
8	8/020	Mallotus Phillipinensis	kambal	do	14-15	V
9	9/020	Kydia calycina	Pule	do	15-16	V
10	10/020	Bauhinia Variegata	Kachnaar	do	15-16	V
11	11/020	Grevia Optiva	Beul	do	13-14	V
12	12/020	Pistacio Integerrima	Kakare	do	23-24	IV
13	13/20		Sangar	do	23-24	IV
14	14/20	Cassia Fistulla	Amaltash	do	22-23	IV
15	15/20	Cassia Fistulla	Amaltash	do	16-17	V
16	16/20	Cassia Fistulla	Amaltash	do	16-17	V
17	17/20	Mallotus Phillipinensis	kambal	do	16-17	V
18	18/20		Balodhar	do	23-24	IV
19	19/20		Balodhar	do	18-19	V
20	20/20	Cassia Fistulla	Amaltash	do	14-15	V
21	21/20	Albizia Lebbeck	siris	do	14-15	V
22	22/20		Muada	do	24-26	IV
23	23/20	Mallotus Phillipinensis	kambal	do	15-16	V
24	24/20	Albizia Lebbeck	siris	do	22-23	IV
25	25/20	Cassia Fistulla	Amaltash	do	22-23	IV
26	26/20	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
27	27/20		Kurumuru	do	15-16	V
28	28/20		Muada	do	22-23	IV
29	29/20		Kurumuru	do	15-16	V
30	30/20	Grevia Optiva	Beul	do	15-15	V
31	31/20		Balodhar	do	22-23	IV
32	32/20	Pistacio Integerrima	Kakare	do	22-23	IV
33	33/20	Pistacio Integerrima	Kakare	do	16-17	V
34	34/20		Balodhar	do	16-17	V
35	35/20	Pistacio Integerrima	Kakare	do	23-24	IV
36	36/20	Pistacio Integerrima	Kakare	do	21-22	IV
37	37/20		Muada	do	21-22	IV
38	38/20	Bauhinia Variegata	Kachnaar	do	15-16	V
39	39/20	Cassia Fistulla	Amaltash	do	13-14	V
40	40/20	Grevia Optiva	Beul	do	15-16	V

41	41/20		Muada	do	55-56	IIB
42	42/20	Phyllanthus Emblica	amla	do	17-18	V
43	43/20	Cryptalepis Buchanani	siris	do	21-22	IV
44	44/20	Bauhinia Variegata	Kuhambal	do	18-19	V
45	45/20	Bauhinia Variegata	Kachnaar	do	14-15	V
46	46/20		Kurumuru	do	13-14	V
47	47/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
48	48/20		Kurumuru	do	14-15	V
49	49/20		Kurumuru	do	17-18	V
50	50/20	Cassia Fistulla	Amaltash	do	19-20	V
51	51/20	Cassia Fistulla	Amaltash	do	18-19	V
52	52/20	Albizia Lebbeck	siris	do	22-23	IV
53	53/20	Cassia Fistulla	Amaltash	do	13-14	V
54	54/20	Cassia Fistulla	Amaltash	do	22-23	IV
55	55/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
56	56/20	Albizia Lebbeck	siris	do	24-25	IV
57	57/20		Kurumuru	do	23-24	IV
58	58/20		Kurumuru	do	22-23	IV
59	59/20	Cassia Fistulla	Amaltash	do	13-14	V
60	60/20	Kydia calycina	Pule	do	21-22	IV
61	61/20	Cassia Fistulla	Amaltash	do	19-20	V
62	62/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
63	63/20	Cassia Fistulla	Amaltash	do	19-20	V
64	64/20	Kydia calycina	Pule	do	17-18	V
65	65/20	Kydia calycina	Pule	do	17-18	V
66	66/20	Kydia calycina	Pule	do	17-18	V
67	67/20		Kurumuru	do	14-15	V
68	68/20		Khalave	do	13-14	V
69	69/20		Khalave	do	13-14	V
70	70/20		Khalave	do	13-14	V
71	71/20	Bauhinia Variegata	Kachnaar	do	17-18	V
72	72/20	Bauhinia Variegata	Kachnaar	do	21-22	IV
73	73/20	Cassia Fistulla	Amaltash	do	19-20	V
74	74/20		Kurumuru	do	15-16	V
75	75/20		Kurumuru	do	21-22	IV
76	76/20		Kurumuru	do	15-16	V
77	77/20	Cassia Fistulla	Amaltash	do	21-22	IV
78	78/20	Cassia Fistulla	Amaltash	do	13-14	V
79	79/20		Kurumuru	do	13-14	V
80	80/20	Cassia Fistulla	Amaltash	do	17-18	V
81	81/20		Kurumuru	do	19-20	V
82	82/20		Kurumuru	do	15-16	V
83	83/20	Cassia Fistulla	Amaltash	do	15-16	V
84	84/20	Cassia Fistulla	Amaltash	do	19-20	V
85	85/20	Cassia Fistulla	Amaltash	do	17-18	V
86	86/20	Cassia Fistulla	Amaltash	do	15-16	V
87	87/20	Cassia Fistulla	Amaltash	do	15-16	V

88	88/20		Kurumuru	do	19-20	V
89	89/20		Muada	do	25-26	IV
90	90/20	Bauhnia Variegata	Kachnaar	do	15-16	V
91	91/20		Khalave	do	17-18	V
92	92/20	Kydia calycina	Pule	do	17-18	V
93	93/20	Cassia Fistulla	Amaltash	do	19-20	V
94	94/20	Cassia Fistulla	Amaltash	do	21-22	IV
95	95/20	Mallotus Phillipinensis	kambal	do	17-18	V
96	96/20		Kurumuru	do	21-22	IV
97	97/20	Kydia calycina	Pule	do	17-18	V
98	98/20	Bauhnia Variegata	Kachnaar	do	21-22	IV
99	99/20		Muada	do	17-18	V
100	100/20	Kydia calycina	Pule	do	21-22	IV
101	101/20	Kydia calycina	Pule	do	22-23	IV
102	102/20	Bauhnia Variegata	Kachnaar	do	17-18	V
103	103/20	Albizia Lebbeck	siris	do	23-24	IV
104	104/20	Cassia Fistulla	Amaltash	do	13-14	V
105	105/20		Muada	do	25-26	IV
106	106/20		Muada	do	23-24	IV
107	107/20		Kurumuru	do	17-18	V
108	108/20		Muada	do	21-22	IV
109	109/20	Mallotus Phillipinensis	kambal	do	15-16	V
110	110/20	Cassia Fistulla	Amaltash	do	15-16	V
111	111/20	Cassia Fistulla	Amaltash	do	15-16	V
112	112/20		Kurumuru	do	15-16	V
113	113/20er	Kydia calycina	pule	do	17-18	V
114	114/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
115	115/20		Kurumuru	do	15-16	V
116	116/20	Cassia Fistulla	Amaltash	do	23-24	IV
117	117/20	Cassia Fistulla	Amaltash	do	23-24	IV
118	118/20		Kurumuru	do	19-20	V
119	119/20		Muada	do	22-23	IV
120	120/20	Cassia Fistulla	Amaltash	do	22-23	IV
121	121/20	Cassia Fistulla	Amaltash	do	22-23	IV
122	122/20		Kurumuru	do	19-20	V
123	123/20		Muada	do	19-20	V
124	124/20		Muada	do	23-24	IV
125	125/20	Kydia calycina	Pule	do	23-24	IV
126	126/20	Cassia Fistulla	Amaltash	do	17-18	V
127	127/20	Bauhnia Variegata	Kachnaar	do	17-18	V
128	128/20	Kydia calycina	Pule	do	23-24	IV
129	129/20		Kurumuru	do	13-14	V
130	130/20	Cassia Fistulla	Amaltash	do	13-14	V
131	131/20	Bauhnia Variegata	Kachnaar	do	18-19	V
132	132/20	Bauhnia Variegata	Kachnaar	do	18-19	V
133	133/20	Cassia Fistulla	Amaltash	do	16-17	V
134	134/20	Kydia calycina	Pule	do	16-17	V

135	135/20		Kurumuru	do	13-14	V
136	136/20	Kydia calycina	Pule	do	19-20	V
137	137/20	Kydia calycina	Pule	do	23-24	IV
138	138/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
139	139/20	Albizia Lebbeck	siris	do	23-24	IV
140	140/20	Bauhnia Variegata	Kachnaar	do	13-14	V
141	141/20		Khalave	do	17-18	V
142	142/20	Pistacio Integerrima	Kakare	do	19-20	V
143	143/20		Kurumuru	do	15-16	V
144	144/20		Kurumuru	do	13-14	V
145	145/20	Bauhnia Variegata	Kachnaar	do	16-17	V
146	146/20	Kydia calycina	Pule	do	13-14	V
147	147/20	Kydia calycina	Pule	do	13-14	V
148	148/20	Phyllanthus Emblica	amla	do	17-18	V
149	149/20		Kurumuru	do	15-16	V
150	150/20		Kurumuru	do	15-16	V
151	151/20	Litsaea Umbrosa	Parore	do	25-26	IV
152	152/20	Cryptalepis Buchanani	Kuhambal	do	16-17	V
153	153/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
154	154/20		Kurumuru	do	17-18	V
155	155/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
156	156/20	Grevia Optiva	beul	do	15-16	V
157	157/20		Balodhar	do	15-16	V
158	158/20	Albizia Lebbeck	siris	do	23-24	IV
159	159/20	Albizia Lebbeck	siris	do	13-14	V
160	160/20	Albizia Lebbeck	siris	do	13-14	V
161	161/20	Albizia Lebbeck	siris	do	21-22	IV
162	162/20	Albizia Lebbeck	siris	do	17-18	V
163	163/20	Cassia Fistulla	Amaltash	do	13-14	V
164	164/20	Kydia calycina	Pule	do	22-23	IV
165	165/20	Mallotus Phillipinensis	kambal	do	13-14	V
166	166/20	Mallotus Phillipinensis	kambal	do	13-14	V
167	167/20	Cassia Fistulla	Amaltash	do	13-14	V
168	168/20	Cassia Fistulla	Amaltash	do	13-14	V
169	169/20	Cassia Fistulla	Amaltash	do	15-16	V
170	170/20	Kydia calycina	Pule	do	33-34	III
171	171/20	Kydia calycina	Pule	do	21-22	IV
172	172/20		Kurumuru	do	13-14	V
173	173/20	Bauhnia Variegata	Kachnaar	do	16-17	V
174	174/20	Cassia Fistulla	Amaltash	do	18-19	V
175	175/20		Kurumuru	do	23-24	IV
176	176/20		Kurumuru	do	13-14	V
177	177/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
178	178/20		Balodhar	do	25-26	IV
179	179/20		Balodhar	do	29-30	IV
180	180/20	Cryptalepis Buchanani	Kuhambal	do	24-25	IV
181	181/20	Cryptalepis Buchanani	Kuhambal	do	24-25	IV

182	182/20	Kydia calycina	Pule	do	22-23	IV
183	183/20	Cassia Fistulla	Amaltash	do	15-16	V
184	184/20	Kydia calycina	Pule	do	21-22	IV
185	185/20		Kurumuru	do	13-14	V
186	186/20	Cassia Fistulla	Amaltash	do	19-20	V
187	187/20	Bauhnia Variegata	Kachnaar	do	17-18	V
188	188/20	Cassia Fistulla	Amaltash	do	13-14	V
189	189/20	Bauhnia Variegata	Kachnaar	do	13-14	V
190	190/20		Kurumuru	do	13-14	V
191	191/20	Cassia Fistulla	Amaltash	do	16-17	V
192	192/20		Balodhar	do	19-20	V
193	193/20		Balodhar	do	22-23	IV
194	194/20		Kurumuru	do	21-22	IV
195	195/20	Cassia Fistulla	Amaltash	do	13-14	V
196	196/20		Kurumuru	do	19-20	V
197	197/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
198	198/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
199	199/20	Cassia Fistulla	Amaltash	do	21-22	IV
200	200/20	Pistacio Integerrima	Kakare	do	17-18	V
201	201/020	Cryptalepis Buchanani	Kuhambal	do	31-32	III
202	202/020		Kurumuru	do	14-15	V
203	203/020	Cassia Fistulla	Amaltash	do	13-14	V
204	204/020	Cassia Fistulla	Amaltash	do	15-16	V
205	205/020	Cassia Fistulla	Amaltash	do	17-18	V
206	206/020	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
207	207/020	Cassia Fistulla	Amaltash	do	15-16	V
208	208/020	Cassia Fistulla	Amaltash	do	17-18	V
209	209/020	Cassia Fistulla	Amaltash	do	13-14	V
210	210/020	Cassia Fistulla	Amaltash	do	13-14	V
211	211/020	Bauhnia Variegata	Kachnaar	do	13-14	V
212	212/020		Kurumuru	do	21-22	IV
213	213/20		Kurumuru	do	15-16	V
214	214/20	Cassia Fistulla	Amaltash	do	15-16	V
215	215/20	Kydia calycina	Pule	do	13-14	V
216	216/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
217	217/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
218	218/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
219	19/20	Cassia Fistulla	Amaltash	do	17-18	V
220	220/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
221	221/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
222	222/20		arthe	do	13-14	V
223	223/20		arthe	do	15-16	V
224	224/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
225	225/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
226	226/20	Cassia Fistulla	Amaltash	do	21-22	IV
227	227/20		Kurumuru	do	13-14	V
228	228/20		Kurumuru	do	13-14	V

229	229/20	Cassia Fistulla	Amaltash	do	19-20	V
230	230/20	Cassia Fistulla	Amaltash	do	21-22	IV
231	231/20	Grevia Optiva	beul	do	13-14	V
232	232/20	Cassia Fistulla	Amaltash	do	14-15	V
233	233/20	Litsaea Umbrosa	Parore	do	16-17	V
234	234/20	Pistacio Integerrima	Kakare	do	16-17	V
235	235/20	Cassia Fistulla	Amaltash	do	13-14	V
236	236/20		Sangar	do	14-15	V
237	237/20		Sangar	do	13-14	V
238	238/20	Cassia Fistulla	Amaltash	do	13-14	V
239	239/20	Cassia Fistulla	Amaltash	do	13-14	V
240	240/20	Pistacio Integerrima	Kakare	do	16-17	V
241	241/20		Khalave	do	16-17	V
242	242/20		Khalave	do	22-23	IV
243	243/20	Cassia Fistulla	Amaltash	do	13-14	V
244	244/20		Khalave	do	19-20	V
245	245/20		Khalave	do	15-16	V
246	246/20	Grevia Optiva	beul	do	15-16	V
247	247/20	Grevia Optiva	beul	do	18-19	V
248	248/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
249	249/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
250	250/20	Albizia Lebbeck	siris	do	25-26	IV
251	251/20		Balodhar	do	23-24	IV
252	252/20	Cassia Fistulla	Amaltash	do	15-16	V
253	253/20	Pistacio Integerrima	Kakare	do	21-22	IV
254	254/20		Khalave	do	17-18	V
255	255/20		Khalave	do	15-16	V
256	256/20	Pistacio Integerrima	Kakare	do	22-23	IV
257	257/20	Pistacio Integerrima	Kakare	do	22-23	IV
258	258/20	Cryptalepis Buchanani	Kuhambal	do	14-15	V
259	259/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
260	260/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
261	261/20	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
262	262/20		Balodhar	do	22-23	IV
263	263/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
264	264/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
265	265/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
266	266/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
267	267/20		Kurumuru	do	16-17	V
268	268/20	Grevia Optiva	beul	do	16-17	V
269	269/20		Balodhar	do	21-22	IV
270	270/20	Pistacio Integerrima	Kakare	do	17-18	V
271	271/20	Bauhinia Variegata	Kachnaar	do	14-15	V
272	272/20	Pistacio Integerrima	Kakare	do	17-18	V
273	273/20	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
274	274/20	Cassia Fistulla	Amaltash	do	14-15	V
275	275/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV

276	276/20	Cassia Fistulla	Amaltash	do	16-17	V
277	277/20	Albizia Lebbeck	siris	do	16-17	V
278	278/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
279	279/20	Litsaea Umbrosa	Parore	do	15-16	V
280	280/20		Muada	do	17-18	V
281	281/20		Muada	do	17-18	V
282	282/20	Cassia Fistulla	Amaltash	do	17-18	V
283	283/20	Cassia Fistulla	Amaltash	do	17-18	V
284	284/20		Kurumuru	do	15-16	V
285	285/20		Kurumuru	do	15-16	V
286	286/20	Phyllanthus Emblica	amla	do	15-16	V
287	287/20		Kurumuru	do	17-18	V
288	288/20		Muada	do	22-23	IV
289	289/20		Muada	do	23-24	IV
290	290/20		Muada	do	23-24	IV
291	291/20	Cassia Fistulla	Amaltash	do	17-18	V
292	292/20		Khalave	do	21-22	IV
293	293/20	Grevia Optiva	beul	do	15-16	V
294	294/20	Cassia Fistulla	Amaltash	do	15-16	V
295	295/20	Bauhinia Variegata	Kachnaar	do	19-20	V
296	296/20	Cassia Fistulla	Amaltash	do	15-16	V
297	297/20		Balodhar	do	22-23	IV
298	298/20	Grevia Optiva	beul	do	19-20	V
299	299/20	Grevia Optiva	beul	do	13-14	V
300	300/20	Albizia Lebbeck	siris	do	22-23	IV
301	301/20	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
302	302/20	Pistacio Integerrima	Kakare	do	16-17	V
303	303/20		Balodhar	do	25-26	IV
304	304/20	Cryptalepis Buchanani	Kuhambal	do	31-32	III
305	305/20	Cryptalepis Buchanani	Kuhambal	do	29-30	IV
306	306/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
307	307/20	Pistacio Integerrima	Kakare	do	19-21	V
308	308/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V
309	309/20	Cryptalepis Buchanani	Kuhambal	do	14-15	V
310	310/20	Cryptalepis Buchanani	Kuhambal	do	17-17	V
311	311/20	Cassia Fistulla	Amaltash	do	17-19	V
312	312/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
313	313/20	Pistacio Integerrima	Kakare	do	21-23	IV
314	314/20		Kurumuru	do	15-17	V
315	315/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
316	316/20		Balodhar	do	14-15	V
317	317/20	Cryptalepis Buchanani	Kuhambal	do	13-13	V
318	318/20	Cryptalepis Buchanani	Kuhambal	do	23-25	IV
319	319/20	Cassia Fistulla	Amaltash	do	13-15	V
320	320/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
321	321/20	Cryptalepis Buchanani	Kuhambal	do	19-21	V
322	322/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V

323	323/20	Cassia Fistulla	Amaltash	do	17-18	V
324	324/20	Cryptalepis Buchanani	Kuhambal	do	19-21	V
325	325/20	Cassia Fistulla	Amaltash	do	15-16	V
326	326/20		Balodhar	do	13-14	V
327	327/20		Balodhar	do	15-16	V
328	328/20	Cryptalepis Buchanani	Kuhambal	do	19-21	V
329	329/20	Grevia Optiva	beul	do	15-17	V
330	330/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
331	331/20	Bauhnia Variegata	Kachnaar	do	13-14	V
332	332/20	Cassia Fistulla	Amaltash	do	15-17	V
333	333/20	Cassia Fistulla	Amaltash	do	13-14	V
334	334/20	Cassia Fistulla	Amaltash	do	13-14	V
335	335/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
336	336/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
337	337/20		Balodhar	do	20-21	IV
338	338/20	Cassia Fistulla	Amaltash	do	19-21	V
339	339/20	Grevia Optiva	beul	do	13-14	V
340	340/20	Cassia Fistulla	Amaltash	do	13-14	V
341	341/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
342	342/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
343	343/20	Cryptalepis Buchanani	Kuhambal	do	23-24	V
344	344/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V
345	345/20	Cryptalepis Buchanani	Kuhambal	do	15-17	V
346	346/20		Balodhar	do	16-17	V
347	347/20	Cassia Fistulla	Amaltash	do	15-16	V
348	348/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V
349	349/20	Pistacio Integerrima	Kakare	do	19-21	V
350	350/20		Balodhar	do	23-24	IV
351	351/20	Bauhnia Variegata	Kachnaar	do	15-17	V
352	352/20	Pistacio Integerrima	Kakare	do	15-17	V
353	353/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
354	354/20	Phyllanthus Emblica	amla	do	17-18	V
355	355/20	Pistacio Integerrima	Kakare	do	17-18	V
356	356/20		Khalave	do	13-15	V
357	357/20	Pistacio Integerrima	Kakare	do	14-15	V
358	358/20	Cassia Fistulla	Amaltash	do	13-14	V
359	359/20	Bauhnia Variegata	Kachnaar	do	17-19	V
360	360/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
361	361/20	Pistacio Integerrima	Kakare	do	29-31	IV
362	362/20	Ehretia Laevis	chamarde	do	13-14	V
363	363/20	Ehretia Laevis	chamarde	do	13-15	V
364	364/20		Kathnanu	do	21-21	IV
365	365/20	Bauhnia Variegata	Kachnaar	do	15-16	V
366	366/20	Bauhnia Variegata	Kachnaar	do	21-22	IV
367	367/20	Cassia Fistulla	Amaltash	do	15-16	V
368	368/20	Bauhnia Variegata	Kachnaar	do	13-14	V
369	369/20	Pistacio Integerrima	Kakare	do	21-22	IV

370	370/20	Cassia Fistulla	Amaltash	do	15-16	V
371	371/20	Bauhinia Variegata	Kachnaar	do	15-16	V
372	372/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
373	373/20	Grevia Optiva	beul	do	15-16	V
374	374/20	Grevia Optiva	beul	do	15-16	V
375	375/20		Kurumuru	do	13-15	V
376	376/20	Cassia Fistulla	Amaltash	do	13-14	V
377	377/20	Cassia Fistulla	Amaltash	do	13-13	V
378	378/20		Balodhar	do	13-15	V
379	379/20	Cryptalepis Buchanani	Kuhambal	do	15-15	V
380	380/20		Balodhar	do	19-21	V
381	381/20		Balodhar	do	13-14	V
382	382/20		Balodhar	do	13-15	V
383	383/20		Balodhar	do	13-13	V
384	384/20		Balodhar	do	21-22	IV
385	385/20	Cryptalepis Buchanani	Kuhambal	do	13-15	V
386	386/20		Balodhar	do	19-21	V
387	387/20		Muada	do	21-22	IV
388	388/20	Cryptalepis Buchanani	Kuhambal	do	19-21	V
389	389/20	Mallotus Phillipinensis	kambal	do	13-14	V
390	390/20	Cassia Fistulla	Amaltash	do	13-14	V
391	391/20	Cassia Fistulla	Amaltash	do	13-14	V
392	392/20	Mallotus Phillipinensis	kambal	do	13-14	V
393	393/20	Cassia Fistulla	Amaltash	do	13-14	V
394	394/20	Cryptalepis Buchanani	Kuhambal	do	15-17	V
395	395/20		Kurumuru	do	13-14	V
396	396/20		Kurumuru	do	17-18	V
397	397/20		Kurumuru	do	15-17	V
398	398/20		Kurumuru	do	17-19	V
399	399/20		Kurumuru	do	19-21	V
400	400/20	Cassia Fistulla	Amaltash	do	17-19	V
401	401/20	Cassia Fistulla	Amaltash	do	13-14	V
402	402/20	Pistacio Integerrima	Kakare	do	21-22	IV
403	403/20	Cassia Fistulla	Amaltash	do	15-17	V
404	404/20		Khalave	do	15-17	V
405	405/20		Khalave	do	13-14	V
406	406/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
407	407/20	Cryptalepis Buchanani	Kuhambal	do	19-21	V
408	408/20		Balodhar	do	21-22	IV
409	409/20	Cryptalepis Buchanani	Kuhambal	do	15-16	V
410	410/20	Pistacio Integerrima	Kakare	do	21-22	IV
411	411/20	Cryptalepis Buchanani	Kuhambal	do	15-17	V
412	412/20		Kurumuru	do	13-14	V
413	413/20	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
414	414/20	Cassia Fistulla	Amaltash	do	13-14	V
415	415/20	Cryptalepis Buchanani	Kuhambal	do	19-21	V
416	416/20	Pistacio Integerrima	Kakare	do	13-15	V

417	417/20	Pistacio Integerrima	Kakare	do	13-14	V
418	418/20	Cassia Fistulla	Amaltash	do	15-16	V
419	419/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V
420	420/20	Cryptalepis Buchanani	Kuhambal	do	13-15	V
421	421/20	Bauhnia Variegata	Kachnaar	do	17-19	V
422	422/20	Cryptalepis Buchanani	Kuhambal	do	21-23	IV
423	423/20	Cryptalepis Buchanani	Kuhambal	do	15-17	V
424	424/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
425	425/20	Cryptalepis Buchanani	Kuhambal	do	21-23	IV
426	426/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V
427	427/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
428	428/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
429	429/20	Cryptalepis Buchanani	Kuhambal	do	21-23	V
430	430/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V
431	431/20	Cryptalepis Buchanani	Kuhambal	do	27-29	IV
432	432/20	Cassia Fistulla	Amaltash	do	19-21	V
433	433/20	Cassia Fistulla	Amaltash	do	13-14	V
434	434/20	Cryptalepis Buchanani	Kuhambal	do	19-21	V
435	435/20		Khalave	do	17-19	V
436	436/20		Khalave	do	17-19	V
437	437/20		Khalave	do	17-19	V
438	438/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
439	439/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V
440	440/20		Kurumuru	do	13-13	V
441	441/20		Khalave	do	13-13	V
442	442/20	Grevia Optiva	beul	do	13-13	V
443	443/20	Cryptalepis Buchanani	Kuhambal	do	21-23	IV
444	444/20	Cassia Fistulla	Amaltash	do	19-21	V
445	445/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V
446	446/20	Bauhnia Variegata	Kachnaar	do	15-17	V
447	447/20	Pistacio Integerrima	Kakare	do	33-35	III
448	448/20	Cryptalepis Buchanani	Kuhambal	do	13-14	V
449	449/20	Cassia Fistulla	Amaltash	do	13-14	V
450	450/20	Bauhnia Variegata	Kachnaar	do	13-14	V
451	451/20		Khalave	do	15-17	V
452	452/20		Khalave	do	15-17	V
453	453/20	Cassia Fistulla	Amaltash	do	17-19	V
454	454/20		Kurumuru	do	13-13	V
455	455/20	Cassia Fistulla	Amaltash	do	19-21	V
456	456/20	Cassia Fistulla	Amaltash	do	19-21	V
457	457/20	Mallotus Phillipinensis	kambal	do	15-17	V
458	458/20		Khalave	do	17-19	V
459	459/20		Khalave	do	19-21	V
460	460/20		sangar	do	23-25	IV
461	461/20	Mallotus Phillipinensis	kambal	do	13-13	V
462	462/20	Kydia calycina	Pule	do	21-23	IV
463	463/20	Cassia Fistulla	Amaltash	do	21-23	IV

464	464/20	Mallotus Phillipinensis	kambal	do	13-13	V
465	465/20	Mallotus Phillipinensis	kambal	do	13-13	V
466	466/20	Bauhinia Variegata	Kachnaar	do	19-21	V
467	467/20		khashray	do	21-23	IV
468	468/20		khashray	do	23-25	IV
469	469/20	Grevia Optiva	beul	do	19-21	V
470	470/20	Cassia Fistulla	Amaltash	do	13-13	V
471	471/20	Cassia Fistulla	Amaltash	do	19-21	V
472	472/20	Cassia Fistulla	Amaltash	do	15-17	V
473	473/20		sangar	do	21-21	IV
474	474/20		sangar	do	21-23	IV
475	475/20	Cassia Fistulla	Amaltash	do	13-13	V
476	476/20	Grevia Optiva	beul	do	13-13	V
477	477/20	Pistacio Integerrima	Kakare	do	21-23	IV
478	478/20		Muada	do	17-19	V
479	479/20	Grevia Optiva	beul	do	13-14	V
480	480/20	Grevia Optiva	beul	do	13-13	V
481	481/20		Balodhar	do	19-21	V
482	482/20	Cassia Fistulla	Amaltash	do	19-21	V
483	483/20	Cassia Fistulla	Amaltash	do	19-21	V
484	484/20	Grevia Optiva	beul	do	19-21	V
485	485/20	Cryptalepis Buchanani	Kuhambal	do	23-25	IV
486	486/20	Cassia Fistulla	Amaltash	do	15-17	V
487	487/20	Cassia Fistulla	Amaltash	do	15-17	V
488	488/20		Balodhar	do	37-39	III
489	489/20	Cassia Fistulla	Amaltash	do	15-17	V
490	490/20	Bauhinia Variegata	Kachnaar	do	17-19	V
491	491/20	Cryptalepis Buchanani	Kuhambal	do	21-23	IV
492	492/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V
493	493/20	Cassia Fistulla	Amaltash	do	17-19	V
494	494/20	Mallotus Phillipinensis	kambal	do	15-16	V
495	495/20		Kurumuru	do	13-14	V
496	496/20	Cassia Fistulla	Amaltash	do	15-17	V
497	497/20	Cassia Fistulla	Amaltash	do	15-17	V
498	498/20	Mallotus Phillipinensis	kambal	do	13-15	V
499	499/20	Cryptalepis Buchanani	Kuhambal	do	15-17	V
500	500/20	Bauhinia Variegata	Kachnaar	do	15-17	V
501	501/20	Cassia Fistulla	Amaltash	do	19-21	V
502	502/20	Cassia Fistulla	Amaltash	do	17-19	V
503	503/20		Muada	do	21-23	IV
504	504/20	Cassia Fistulla	Amaltash	do	13-14	V
505	505/20		Balodhar	do	25-27	IV
506	506/20	Cassia Fistulla	Amaltash	do	15-17	V
507	507/20	Cassia Fistulla	Amaltash	do	13-14	V
508	508/20		Khalave	do	19-21	V
509	509/20	Cassia Fistulla	Amaltash	do	15-17	V
510	510/20	Bauhinia Variegata	Kachnaar	do	15-17	V

511	511/20	Pistacio Integerrima	Kakare	do	25-27	IV
512	512/20	Bauhnia Variegata	Kachnaar	do	13-14	V
513	513/20		Khalave	do	19-21	V
514	514/20	Pistacio Integerrima	Kakare	do	25-27	IV
515	515/20	Pistacio Integerrima	Kakare	do	23-25	IV
516	516/20	Cassia Fistulla	Amaltash	do	13-15	V
517	517/20		Kurumuru	do	13-14	V
518	518/20		Kurumuru	do	13-14	V
519	519/20	Grevia Optiva	beul	do	13-15	V
520	520/20		Kurumuru	do	13-14	V
521	521/20		Kurumuru	do	13-14	V
522	522/20	Cryptalepis Buchanani	Kuhambal	do	17-19	V
523	523/20		Kurumuru	do	13-15	V
524	524/20		Kurumuru	do	13-14	V
525	525/20	Kydia calycina	Pule	do	19-21	V
526	526/20	Mallotus Phillipinensis	kambal	do	13-13	V
527	527/20	Mallotus Phillipinensis	kambal	do	19-21	V
528	528/20	Cassia Fistulla	Amaltash	do	21-23	IV
529	529/20	Pistacio Integerrima	Kakare	do	19-21	V
530	530/20	Bauhnia Variegata	Kachnaar	do	19-21	V
531	531/20	Bauhnia Variegata	Kachnaar	do	13-13	V
532	532/20		Kurumuru	do	13-14	V
533	533/20	Bauhnia Variegata	Kachnaar	do	13-14	V
534	534/20	Bauhnia Variegata	Kachnaar	do	13-14	V
535	535/20		Kurumuru	do	13-15	V
536	536/20	Cassia Fistulla	Amaltash	do	15-17	V
537	537/20		Khalave	do	13-13	V
538	538/20	Bauhnia Variegata	Kachnaar	do	13-15	V
539	539/20	Bauhnia Variegata	Kachnaar	do	15-17	V
540	540/20		Kurumuru	do	13-13	V
541	541/20	Bauhnia Variegata	Kachnaar	do	17-19	V
542	542/20	Bauhnia Variegata	Kachnaar	do	13-15	V
543	543/20	Bauhnia Variegata	Kachnaar	do	21-23	IV
544	544/20	Bauhnia Variegata	Kachnaar	do	13-15	V
545	545/20	Mallotus Phillipinensis	kambal	do	13-15	V
546	546/20	Mallotus Phillipinensis	kambal	do	13-15	V
547	547/20	Cassia Fistulla	Amaltash	do	17-19	V
548	548/20		Kurumuru		13-13	V
549	549/020		Kurumuru	do	13-15	V
550	550/020	Cassia Fistulla	Amaltash	do	13-15	V
551	551/020	Cassia Fistulla	Amaltash	do	17-19	V
552	552/020		Balodhar	do	19-21	V
553	553/020	Cassia Fistulla	Amaltash	do	15-17	V
554	554/020	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
555	555/020	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
556	556/020		Kurumuru	do	17-18	V
557	557/020		Balodhar	do	23-25	IV

558	558/020		sangar	do	21-22	IV
559	559/020	Bauhnia Variegata	Kachnaar	do	19-21	V
560	560/020		Muada	do	23-24	IV
561	561/20	Kydia calycina	Pule	do	21-22	IV
562	562/20	Bauhnia Variegata	Kachnaar	do	15-17	V
563	563/20	Albizia Lebbeck	siris	do	41-42	IIA
564	564/20	Kydia calycina	Pule	do	19-21	V
565	565/20	Cassia Fistulla	Amaltash	do	21-22	IV
566	566/20	Cassia Fistulla	Amaltash	do	19-21	V
567	567/20	Cassia Fistulla	Amaltash	do	21-22	IV
568	568/20	Cryptalepis Buchanani	Kuhambal	do	13-15	V
569	569/20	Kydia calycina	Pule	do	13-15	V
570	570/20	Ficus Hispida	Debre	do	13-15	V
571	571/20	Cassia Fistulla	Amaltash	do	13-15	V
572	572/20		Khalave	do	13-15	V
573	573/20		Khalave	do	13-15	V
574	574	Cassia Fistulla	Amaltash	do	13-15	V
575	575	Albizia Lebbeck	siris	do	27-29	IV
576	576	Kydia calycina	Pule	do	13-15	V
577	577		Kurumuru	do	15-16	V
578	578	Mallotus Phillipinensis	kambal	do	13-15	V
579	579	Bauhnia Variegata	Kachnaar	do	17-18	V
580	580	Cassia Fistulla	Amaltash	do	19-21	V
581	581	Bauhnia Variegata	Kachnaar	do	23-24	IV
582	582	Bauhnia Variegata	Kachnaar	do	15-17	V
583	583	Bauhnia Variegata	Kachnaar	do	13-15	V
584	584		Kurumuru	do	19-21	V
585	585		Muada	do	21-22	IV
586	586	Bauhnia Variegata	Kachnaar	do	19-21	V
587	587	Grevia Optiva	beul	do	21-22	IV
588	588	Cassia Fistulla	Amaltash	do	19-21	V
589	589	Bauhnia Variegata	Kachnaar	do	13-15	V
590	590	Cassia Fistulla	Amaltash	do	13-15	V
591	591	Mallotus Phillipinensis	kambal	do	13-13	V
592	592	Cassia Fistulla	Amaltash	do	19-21	V
593	593	Cassia Fistulla	Amaltash	do	15-17	V
594	594	Cassia Fistulla	Amaltash	do	13-15	V
595	595	Cryptalepis Buchanani	Kuhambal	do	19-21	V
596	596	Grevia Optiva	beul	do	13-15	V
597	597	Pistacio Integerrima	Kakare	do	19-21	V
598	598		Balodhar	do	15-16	V
599	599	Kydia calycina	Pule	do	17-19	V
600	600		sangar	do	19-21	V
601	601	Bauhnia Variegata	Kachnaar	do	13-14	V
602	602	Cassia Fistulla	Amaltash	do	13-15	V
603	603	Bauhnia Variegata	Kachnaar	do	21-23	IV
604	604	Bauhnia Variegata	Kachnaar	do	19-21	V

605	605		plave	do	15-17	V
606	606	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
607	607	Morus Alba	Shahtoot	do	13-13	V
608	608	Bauhnia Variegata	Kachnaar	do	13-14	V
609	609	Bauhnia Variegata	Kachnaar	do	21-23	IV
610	610	Bauhnia Variegata	Kachnaar	do	23-24	IV
611	611		plave	do	21-23	IV
612	612	Bauhnia Variegata	Kachnaar	do	15-17	V
613	613	Bauhnia Variegata	Kachnaar	do	19-21	V
614	614	Bauhnia Variegata	Kachnaar	do	13-15	V
615	615	Cassia Fistulla	Amaltash	do	15-17	V
616	616	Cassia Fistulla	Amaltash	do	17-19	V
617	617	Cassia Fistulla	Amaltash	do	15-17	V
618	618	Bauhnia Variegata	Kachnaar	do	17-18	V
619	619	Cassia Fistulla	Amaltash	do	15-16	V
620	620	Bauhnia Variegata	Kachnaar	do	15-16	V
621	621	Kydia calycina	Pule	do	21-22	IV
622	622	Kydia calycina	Pule	do	22-23	IV
623	623	Cassia Fistulla	Amaltash	do	17-18	V
624	624	Cassia Fistulla	Amaltash	do	18-19	V
625	625	Cassia Fistulla	Amaltash	do	13-14	V
626	626	Cassia Fistulla	Amaltash	do	15-16	V
627	627	Cassia Fistulla	Amaltash	do	18-19	V
628	628	Kydia calycina	Pule	do	18-19	V
629	629	Cassia Fistulla	Amaltash	do	13-14	V
630	630	Kydia calycina	Pule	do	21-22	V
631	631	Kydia calycina	Pule	do	21-22	V
632	632	Mallotus Phillipinensis	kambal	do	13-14	V
633	633	Bauhnia Variegata	Kachnaar	do	15-16	V
634	634	Bauhnia Variegata	Kachnaar	do	13-14	V
635	635		Kurumuru	do	16-17	V
636	636	Mallotus Phillipinensis	kambal	do	15-16	V
637	637	Grevia Optiva	beul	do	15-16	V
638	638	Cassia Fistulla	Amaltash	do	13-14	V
639	639	Cassia Fistulla	Amaltash	do	13-14	V
640	640	Grevia Optiva	beul	do	15-16	V
641	641	Bauhnia Variegata	Kachnaar	do	15-16	V
642	642	Bauhnia Variegata	Kachnaar	do	15-16	V
643	643	Kydia calycina	Pule	do	17-18	V
644	644	Mallotus Phillipinensis	kambal	do	14-15	V
645	645	Kydia calycina	Pule	do	17-18	V
646	646	Albizia Lebbeck	siris	do	22-23	IV
647	647		Khalave	do	17-18	V
648	648	Albizia Lebbeck	Pule	do	19-20	V
649	649	Cryptalepis Buchanani	Kuhambal	do	28-29	IV
650	650		Khalave	do	19-20	V
651	651	Cassia Fistulla	Amaltash	do	15-16	V

652	652	Kydia calycina	Pule	do	16-17	V
653	653	Albizia Lebbeck	siris	do	21-22	IV
654	654	Kydia calycina	Pule	do	55-56	IIB
655	655	Albizia Lebbeck	siris	do	23-24	IV
656	656	Albizia Lebbeck	siris	do	25-26	IV
657	657		Khalave	do	15-16	V
658	658		Khalave	do	13-14	V
659	659		Khalave	do	15-16	V
660	660		Khalave	do	13-14	V
661	661		Kurumuru	do	22-23	IV
662	662	Cassia Fistulla	Amaltash	do	17-18	V
663	663	Cassia Fistulla	Amaltash	do	17-18	V
664	664	Kydia calycina	Pule	do	21-22	IV
665	665	Cassia Fistulla	Amaltash	do	17-18	V
666	666	Kydia calycina	Pule	do	15-16	V
667	667	Cassia Fistulla	Amaltash	do	25-26	IV
668	668	Mallotus Phillipinensis	kambal	do	16-17	V
669	669	Mallotus Phillipinensis	kambal	do	15-16	V
670	670	Cassia Fistulla	Amaltash	do	15-16	V
671	671	Mallotus Phillipinensis	kambal	do	15-16	V
672	672	Cassia Fistulla	Amaltash	do	15-16	V
673	673	Cassia Fistulla	Amaltash	do	17-18	V
674	674	Bauhinia Variegata	Kachnaar	do	15-16	V
675	675	Bauhinia Variegata	Kachnaar	do	13-14	V
676	676	Cassia Fistulla	Amaltash	do	17-18	V
677	677	Cassia Fistulla	Amaltash	do	15-16	V
678	678	Cassia Fistulla	Amaltash	do	21-22	IV
679	679	Bauhinia Variegata	Kachnaar	do	16-17	V
680	680	Bauhinia Variegata	Kachnaar	do	16-17	V
681	681		sangar	do	29-30	IV
682	682		sangar	do	17-18	V
683	683		sangar	do	24-25	IV
684	684		sangar	do	17-18	V
685	685		sangar	do	15-16	V
686	686	Mallotus Phillipinensis	kambal	do	14-15	V
687	687	Grevia Optiva	beul	do	14-15	V
688	688	Grevia Optiva	beul	do	14-15	V
689	689		Muada	do	14-15	V
690	690	Bauhinia Variegata	Kachnaar	do	17-18	V
691	691	Grevia Optiva	beul	do	17-18	V
692	692		Khalave	do	17-18	V
693	693		Kurumuru	do	21-22	IV
694	694	Cassia Fistulla	Amaltash	do	15-16	V
695	695	Cassia Fistulla	Amaltash	do	27-28	IV
696	696		Khalave	do	13-14	V
697	697	Grevia Optiva	beul	do	19-20	V
698	698	Cassia Fistulla	Amaltash	do	23-24	IV

699	699		Muada	do	16-17	V
700	700		Balodhar	do	19-20	V
701	701	Cassia Fistulla	Amaltash	do	15-16	V
702	702	Albizia Lebbeck	siris	do	19-20	V
703	703		Kurumuru	do	16-17	V
704	704		Muada	do	21-22	IV
705	705	Mallotus Phillipinensis	kambal	do	14-15	V
706	706	Mallotus Phillipinensis	kambal	do	14-15	V
707	707	Mallotus Phillipinensis	kambal	do	14-15	V
708	708	Cryptalepis Buchanani	Kuhambal	do	19-20	V
709	709		Kurumuru	do	13-14	V
710	710		Kurumuru	do	16-17	V
711	711		Kurumuru	do	13-14	V
712	712		Muada	do	25-26	IV
713	713		Muada	do	19-20	V
714	714		Muada	do	21-22	IV
715	715	Cassia Fistulla	Amaltash	do	13-14	V
716	716	Cassia Fistulla	Amaltash	do	13-14	V
717	717	Cassia Fistulla	Amaltash	do	15-16	V
718	718	Bauhinia Variegata	Kachnaar	do	15-16	V
719	719	Cryptalepis Buchanani	kambal	do	15-16	V
720	720	Terminalia Belerica	Bhera	do	61-62	IA
721	721	Pistacio Integerrima	Kakare	do	21-22	IV
722	722	Grevia Optiva	beul	do	15-16	V
723	723	Bauhinia Variegata	Kachnaar	do	14-15	V
724	724		Kurumuru	do	21-22	IV
725	725		Kurumuru	do	21-22	IV
726	726	Cassia Fistulla	Amaltash	do	16-17	V
727	727		Kurumuru	do	13-14	V
728	728	Cassia Fistulla	Amaltash	do	18-19	V
729	729	Grevia Optiva	beul	do	16-17	V
730	730		Khalave	do	13-14	V
731	731		Khalave	do	15-16	V
732	732	Cassia Fistulla	Amaltash	do	23-24	IV
733	733	Bauhinia Variegata	Kachnaar	do	23-24	IV
734	734	Kydia calycina	Pule	do	15-16	V
735	735	Bauhinia Variegata	Kachnaar	do	19-20	V
736	736	Bauhinia Variegata	Kachnaar	do	23-24	IV
737	737	Pistacio Integerrima	Kakare	do	32-33	III
738	738	Cassia Fistulla	Amaltash	do	21-22	IV
739	739	Mallotus Phillipinensis	kambal	do	14-15	V
740	740	Mallotus Phillipinensis	kambal	do	14-15	V
741	741		sangar	do	21-22	IV
742	742	Bauhinia Variegata	Kachnaar	do	21-22	IV
743	743	Bauhinia Variegata	Kachnaar	do	15-16	V
744	744		Kurumuru	do	15-16	V
745	745		Kurumuru	do	15-16	V

746	746	Bauhinia Variegata	Kachnaar	do	15-16	V
747	747		Kurumuru	do	15-16	V
748	748	Cassia Fistulla	Amaltash	do	15-16	V
749	749	Cassia Fistulla	Amaltash	do	21-22	IV
750	750	Kydia calycina	Pule	do	15-16	V
751	751	Grevia Optiva	beul	do	13-14	V
752	752	Bauhinia Variegata	Kachnaar	do	19-20	V
753	753	Bauhinia Variegata	Kachnaar	do	19-20	V
754	754	Kydia calycina	Pule	do	15-16	V
755	755	Cassia Fistulla	Amaltash	do	18-19	V
756	756	Cryptalepis Buchanani	Kuhambal	do	16-17	V
757	757	Grevia Optiva	beul	do	15-16	V
758	758	Cassia Fistulla	Amaltash	do	13-14	V
759	759		Balodhar	do	22-23	IV
760	760	Grevia Optiva	beul	do	17-18	V
761	761	Grevia Optiva	beul	do	15-16	V
762	762	Cassia Fistulla	Amaltash	do	15-16	V
763	763	Cassia Fistulla	Amaltash	do	15-16	V
764	764	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
765	765		Khalave	do	14-15	V
766	766	Grevia Optiva	beul	do	19-20	V
767	767	Grevia Optiva	beul	do	16-17	V
768	768	Cassia Fistulla	Amaltash	do	21-22	IV
769	769	Pistacio Integerrima	Kakare	do	21-22	IV
770	770	Pistacio Integerrima	Kakare	do	21-22	IV
771	771	Mallotus Phillipinensis	kambal	do	15-16	V
772	772		Kurumuru	do	13-14	V
773	773		Kurumuru	do	13-14	V
774	774	Mallotus Phillipinensis	kambal	do	13-14	V
775	775	Cassia Fistulla	Amaltash	do	25-26	IV
776	776		Kurumuru	do	13-14	V
777	777		Kurumuru	do	22-23	IV
778	778	Cassia Fistulla	Amaltash	do	22-23	IV
779	779		Kurumuru	do	22-23	IV
780	780		Kurumuru	do	13-14	V
781	781	Cassia Fistulla	Amaltash	do	13-14	V
782	782	Mallotus Phillipinensis	kambal	do	13-14	V
783	783		Kurumuru	do	17-18	V
784	784		Khalave	do	15-16	V
785	785		Khalave	do	15-16	V
786	786	Kydia calycina	Pule	do	17-18	V
787	787	Cassia Fistulla	Amaltash	do	18-19	V
788	788		Kurumuru	do	15-16	V
789	789	Cassia Fistulla	Amaltash	do	21-22	IV
790	790	Kydia calycina	Pule	do	16-17	V
791	791	Bauhinia Variegata	Kachnaar	do	15-16	V
792	792	Cassia Fistulla	Amaltash	do	14-15	V

793	793	Mallotus Phillipinensis	kambal	do	14-15	V
794	794		Balodhar	do	14-15	V
795	795	Bauhinia Variegata	Kachnaar	do	14-15	V
796	796	Cassia Fistulla	Amaltash	do	17-18	V
797	797	Cassia Fistulla	Amaltash	do	17-18	V
798	798	Cassia Fistulla	Amaltash	do	19-20	V
799	799	Kydia calycina	Pule	do	22-23	IV
800	800	Mallotus Phillipinensis	kambal	do	17-18	V
801	801	Bauhinia Variegata	Kachnaar	do	17-18	V
802	802	Kydia calycina	Pule	do	15-16	V
803	803	Cassia Fistulla	Amaltash	do	13-14	V
804	804		Kurumuru	do	17-18	V
805	805	Kydia calycina	Pule	do	14-15	V
806	806	Cassia Fistulla	Amaltash	do	14-15	V
807	807	Bauhinia Variegata	Kachnaar	do	14-15	V
808	808	Cassia Fistulla	Amaltash	do	14-15	V
809	809	Bauhinia Variegata	Kachnaar	do	14-15	V
810	810	Cassia Fistulla	Amaltash	do	14-15	V
811	811	Cassia Fistulla	Amaltash	do	14-15	V
812	812	Kydia calycina	Pule	do	14-15	V
813	813	Kydia calycina	Pule	do	17-18	V
814	814	Cassia Fistulla	Amaltash	do	17-18	V
815	815	Cassia Fistulla	Amaltash	do	14-15	V
816	816	Cassia Fistulla	Amaltash	do	14-15	V
817	817		Kurumuru	do	14-15	V
818	818		Kurumuru	do	17-18	V
819	819	Cassia Fistulla	Amaltash	do	15-16	V
820	820	Grevia Optiva	beul	do	21-22	IV
821	821	Grevia Optiva	beul	do	17-18	V
822	822	Cassia Fistulla	Amaltash	do	15-16	V
823	823		Muada	do	21-22	IV
824	824		Muada	do	21-22	IV
825	825		Muada	do	25-26	IV
826	826		Muada	do	26-27	IV
827	827	Grevia Optiva	beul	do	15-16	V
828	828	Grevia Optiva	beul	do	15-16	V
829	829	Cryptalepis Buchanani	Kuhambal	do	15-16	V
830	830		Kurumuru	do	15-16	V
831	831		Muada	do	22-23	IV
832	832	Cassia Fistulla	Amaltash	do	14-15	V
833	833		Khalave	do	21-22	IV
834	834	Albizia Lebbeck	siris	do	19-20	V
835	835	Grevia Optiva	beul	do	13-14	V
836	836	Grevia Optiva	beul	do	13-14	V
837	837	Cassia Fistulla	Amaltash	do	16-17	V
838	838	Cassia Fistulla	Amaltash	do	16-17	V
839	839	Cassia Fistulla	Amaltash	do	16-17	V

840	840	Cassia Fistulla	Amaltash	do	13-14	V
841	841		sangar	do	19-20	V
842	842	Cryptalepis Buchanani	Kuhambal	do	15-16	V
843	843	Grevia Optiva	beul	do	19-20	V
844	844	Cassia Fistulla	Amaltash	do	17-18	V
845	845	Cryptalepis Buchanani	Kuhambal	do	15-16	V
846	846	Pistacio Integerrima	Kakare	do	35-36	III
847	847	Grevia Optiva	beul	do	15-16	V
848	848	Cryptalepis Buchanani	Kuhambal	do	19-20	V
849	849		Kurumuru	do	16-17	V
850	850		Balodhar	do	31-32	III
851	851	Albizia Lebbeck	siris	do	15-16	V
852	852	Pistacio Integerrima	Kakare	do	17-18	V
853	853	Pistacio Integerrima	Kakare	do	19-20	V
854	854		Balodhar	do	19-20	V
855	855	Cryptalepis Buchanani	Kuhambal	do	19-20	V
856	856	Cryptalepis Buchanani	Kuhambal	do	19-20	V
857	857		sangar	do	19-20	V
858	858	Mallotus Phillipinensis	kambal	do	14-15	V
859	859	Albizia Lebbeck	siris	do	17-18	V
860	860	Cassia Fistulla	Amaltash	do	14-15	V
861	861	Mallotus Phillipinensis	kambal	do	14-15	V
862	862		Kurumuru	do	17-18	V
863	863	Mallotus Phillipinensis	kambal	do	15-16	V
864	864	Cassia Fistulla	Amaltash	do	13-14	V
865	865	Cryptalepis Buchanani	Kuhambal	do	19-20	V
866	866	Bauhinia Variegata	Kachnaar	do	16-17	V
867	867	Bauhinia Variegata	Kachnaar	do	19-20	V
868	868	Cassia Fistulla	Amaltash	do	19-20	V
869	869	Mallotus Phillipinensis	kambal	do	13-14	V
870	870	Phyllanthus Emblica	amla	do	13-14	V
871	871		Kurumuru	do	13-14	V
872	872	Cassia Fistulla	Amaltash	do	13-14	V
873	873		Kurumuru	do	15-16	V
874	874		Kurumuru	do	17-18	V
875	875	Albizia Lebbeck	siris	do	15-16	V
876	876		Kurumuru	do	21-22	IV
877	877	Cassia Fistulla	Amaltash	do	21-22	IV
878	878	Cassia Fistulla	Amaltash	do	17-18	V
879	879		Kurumuru	do	17-18	V
880	880	Cryptalepis Buchanani	Kuhambal	do	17-18	V
881	881	Cryptalepis Buchanani	Kuhambal	do	13-14	V
882	882	Cryptalepis Buchanani	Kuhambal	do	13-14	V
883	883	Cassia Fistulla	Amaltash	do	13-14	V
884	884	Grevia Optiva	beul	do	21-22	IV
885	885	Grevia Optiva	beul	do	16-17	V
886	886	Grevia Optiva	beul	do	13-14	V

887	887		Balodhar	do	16-17	V
888	888	Grevia Optiva	beul	do	16-17	V
889	889	Grevia Optiva	beul	do	13-14	V
890	890	Grevia Optiva	beul	do	13-14	V
891	891	Mallotus Phillipinensis	kambal	do	13-14	V
892	892	Mallotus Phillipinensis	kambal	do	17-18	V
893	893	Mallotus Phillipinensis	kambal	do	19-20	V
894	894	Albizia Lebbeck	siris	do	22-23	IV
895	895	Mallotus Phillipinensis	kambal	do	13-14	V
896	896	Mallotus Phillipinensis	kambal	do	13-14	V
897	897	Cassia Fistulla	Amaltash	do	13-14	V
898	898	Cassia Fistulla	Amaltash	do	17-18	V
899	899		Muada	do	15-16	V
900	900	Bauhnia Variegata	Kachnaar	do	19-20	V
901	901	Bauhnia Variegata	Kachnaar	do	19-20	V
902	902	Pistacio Integerrima	Kakare	do	23-24	IV
903	903	Bauhnia Variegata	Kachnaar	do	23-24	IV
904	904	Cassia Fistulla	Amaltash	do	23-24	IV
905	905	Grevia Optiva	beul	do	15-16	V
906	906		Khalave	do	15-16	V
907	907	Bauhnia Variegata	Kachnaar	do	17-18	V
908	908	Bauhnia Variegata	Kachnaar	do	17-18	V
909	909	Bauhnia Variegata	Kachnaar	do	15-16	V
910	910	Bauhnia Variegata	Kachnaar	do	13-14	V
911	911	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
912	912	Bauhnia Variegata	Kachnaar	do	19-20	V
913	913	Cassia Fistulla	Amaltash	do	19-20	V
914	914	Bauhnia Variegata	Kachnaar	do	21-22	IV
915	915	Bauhnia Variegata	Kachnaar	do	18-19	V
916	916	Bauhnia Variegata	Kachnaar	do	16-17	V
917	917	Bauhnia Variegata	Kachnaar	do	14-15	V
918	918	Bauhnia Variegata	Kachnaar	do	14-15	V
919	919	Bauhnia Variegata	Kachnaar	do	19-20	V
920	920	Cassia Fistulla	Amaltash	do	23-24	IV
921	921	Bauhnia Variegata	Kachnaar	do	15-16	V
922	922	Bauhnia Variegata	Kachnaar	do	15-16	V
923	923	Mallotus Phillipinensis	kambal	do	15-16	V
924	924	Cassia Fistulla	Amaltash	do	17-18	V
925	925	Cryptalepis Buchanani	Kuhambal	do	14-15	V
926	926	Pistacio Integerrima	Kakare	do	14-15	V
927	927	Grevia Optiva	beul	do	14-15	V
928	928		Kurumuru	do	18-20	V
929	929	Grevia Optiva	beul	do	15-16	V
930	930		Kurumuru	do	13-14	V
931	931	Grevia Optiva	beul	do	16-17	V
932	932		Kurumuru	do	16-17	V
933	933		Kurumuru	do	16-17	V

934	934		Kurumuru	do	13-14	V
935	935	Grevia Optiva	beul	do	13-14	V
936	936	Pistacio Integerrima	Kakare	do	33-34	III
937	937	Grevia Optiva	beul	do	15-16	V
938	938	Pistacio Integerrima	Kakare	do	18-19	V
939	939	Cryptalepis Buchanani	Kuhambal	do	18-19	V
940	940	Cryptalepis Buchanani	Kuhambal	do	15-16	V
941	941	Cassia Fistulla	Amaltash	do	18-19	V
942	942	Cryptalepis Buchanani	Kuhambal	do	16-17	V
943	943	Cryptalepis Buchanani	Kuhambal	do	19-20	V
944	944	Cryptalepis Buchanani	Kuhambal	do	18-19	V
945	945	Cryptalepis Buchanani	Kuhambal	do	15-16	V
946	946	Cassia Fistulla	Amaltash	do	15-16	V
947	947	Cryptalepis Buchanani	Kuhambal	do	15-16	V
948	948	Cassia Fistulla	Amaltash	do	17-18	V
949	949	Cassia Fistulla	Amaltash	do	19-20	V
950	950	Cryptalepis Buchanani	Kuhambal	do	16-17	V
951	951		Balodhar	do	16-17	V
952	952	Pistacio Integerrima	Kakare	do	16-17	V
953	953	Cassia Fistulla	Amaltash	do	15-16	V
954	954	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
955	955	Cryptalepis Buchanani	Kuhambal	do	24-25	IV
956	956		Muada	do	16-17	V
957	957	Cassia Fistulla	Amaltash	do	16-17	V
958	958	Cassia Fistulla	Amaltash	do	13-14	V
959	959	Grevia Optiva	beul	do	17-18	V
960	960	Cassia Fistulla	Amaltash	do	15-16	V
961	961	Grevia Optiva	beul	do	15-16	V
962	962	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
963	963		Muada	do	21-22	IV
964	964	Cassia Fistulla	Amaltash	do	19-20	V
965	965	Cryptalepis Buchanani	Kuhambal	do	24-25	IV
966	966		Muada	do	22-23	IV
967	967		Muada	do	22-23	IV
968	968		Muada	do	35-36	III
969	969		Muada	do	15-16	V
970	970		Muada	do	38-39	III
971	971		Muada	do	27-28	IV
972	972		Muada	do	24-25	IV
973	973		Muada	do	21-22	IV
974	974		Muada	do	21-22	IV
975	975		Muada	do	47-48	IIA
976	976	Cryptalepis Buchanani	Kuhambal	do	19-20	V
977	977	Phyllanthus Emblica	amla	do	17-18	V
978	978		Balodhar	do	16-17	V
979	979	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
980	980	Pistacio Integerrima	Kakare	do	22-23	IV

981	981	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
982	982	Grevia Optiva	beul	do	22-23	IV
983	983		Muada	do	22-23	IV
984	984		Muada	do	22-23	IV
985	985	Cassia Fistulla	Amaltash	do	22-23	IV
986	986	Cassia Fistulla	Amaltash	do	19-20	V
987	987		Muada	do	21-22	IV
988	988	Grevia Optiva	beul	do	16-17	V
989	989		Balodhar	do	23-24	IV
990	990	Grevia Optiva	beul	do	15-16	V
991	991	Grevia Optiva	beul	do	16-17	V
992	992	Grevia Optiva	beul	do	15-16	V
993	993	Grevia Optiva	beul	do	15-16	V
994	994	Grevia Optiva	beul	do	15-16	V
995	995	Cryptalepis Buchanani	Kuhambal	do	19-20	V
996	996	Grevia Optiva	beul	do	15-16	V
997	997	Cassia Fistulla	Amaltash	do	19-20	V
998	998	Cassia Fistulla	Amaltash	do	22-23	IV
999	999	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1000	1000	Cassia Fistulla	Amaltash	do	19-20	V
1001	1001	Cassia Fistulla	Amaltash	do	19-20	V
1002	1002		Muada	do	37-38	III
1003	1003	Cassia Fistulla	Amaltash	do	19-20	V
1004	1004	Grevia Optiva	beul	do	16-17	V
1005	1005	Grevia Optiva	beul	do	16-17	V
1006	1006	Cassia Fistulla	Amaltash	do	16-17	V
1007	1007	Cassia Fistulla	Amaltash	do	13-14	V
1008	1008		Muada	do	19-20	V
1009	1009	Cassia Fistulla	Amaltash	do	15-16	V
1010	1010	Mallotus Phillipinensis	kambal	do	15-16	V
1011	1011	Grevia Optiva	beul	do	15-16	V
1012	1012	Grevia Optiva	beul	do	15-16	V
1013	1013	Grevia Optiva	beul	do	15-16	V
1014	1014	Pistacio Integerrima	Kakare	do	19-20	V
1015	1015	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
1016	1016	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1017	1017	Cassia Fistulla	Amaltash	do	13-14	V
1018	1018	Cassia Fistulla	Amaltash	do	13-14	V
1019	1019	Cassia Fistulla	Amaltash	do	13-14	V
1020	1020	Cassia Fistulla	Amaltash	do	13-14	V
1021	1021	Cassia Fistulla	Amaltash	do	19-20	V
1022	1022	Grevia Optiva	beul	do	16-17	V
1023	1023	Grevia Optiva	beul	do	16-17	V
1024	1024	Grevia Optiva	beul	do	19-20	V
1025	1025	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1026	1026	Grevia Optiva	beul	do	14-15	V
1027	1027		Khalave	do	19-20	V

1028	1028		sangar	do	23-24	IV
1029	1029		sangar	do	21-22	IV
1030	1030		sangar	do	13-14	V
1031	1031	Cassia Fistulla	Amaltash	do	21-22	IV
1032	1032	Cassia Fistulla	Amaltash	do	16-17	V
1033	1033		Muada	do	16-17	V
1034	1034	Pistacio Integerrima	Kakare	do	21-22	IV
1035	1035	Cassia Fistulla	Amaltash	do	21-22	IV
1036	1036	Cassia Fistulla	Amaltash	do	15-16	V
1037	1037	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1038	1038	Cassia Fistulla	Amaltash	do	14-15	V
1039	1039	Cassia Fistulla	Amaltash	do	23-24	IV
1040	1040	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1041	1041	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1042	1042	Grevia Optiva	beul	do	19-20	V
1043	1043	Grevia Optiva	beul	do	13-14	V
1044	1044	Bauhinia Variegata	Kachnaar	do	17-18	V
1045	1045	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1046	1046	Cryptalepis Buchanani	Kuhambal	do	16-17	V
1047	1047	Cryptalepis Buchanani	Kuhambal	do	16-17	V
1048	1048	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1049	1049	Pistacio Integerrima	Kakare	do	16-17	V
1050	1050	Cassia Fistulla	Amaltash	do	16-17	V
1051	1051	Cassia Fistulla	Amaltash	do	18-19	V
1052	1052		sangar	do	23-24	IV
1053	1053	Grevia Optiva	beul	do	13-14	V
1054	1054	Pistacio Integerrima	Kakare	do	15-16	V
1055	1055	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1056	1056		Dodan	do	15-16	V
1057	1057	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1058	1058	Bauhinia Variegata	Kachnaar	do	19-20	V
1059	1059	Cassia Fistulla	Amaltash	do	19-20	V
1060	1060	Cassia Fistulla	Amaltash	do	16-17	V
1061	1061	Cassia Fistulla	Amaltash	do	16-17	V
1062	1062		Muada	do	21-22	IV
1063	1063	Cassia Fistulla	Amaltash	do	15-16	V
1064	1064	Bauhinia Variegata	Kachnaar	do	13-14	V
1065	1065	Cassia Fistulla	Amaltash	do	13-14	V
1066	1066	Cassia Fistulla	Amaltash	do	18-19	V
1067	1067	Cassia Fistulla	Amaltash	do	16-17	V
1068	1068	Mallotus Phillipinensis	kambal	do	13-14	V
1069	1069	Cassia Fistulla	Amaltash	do	19-20	V
1070	1070	Cassia Fistulla	Amaltash	do	21-22	IV
1071	1071	Cassia Fistulla	Amaltash	do	14-15	V
1072	1072	Cassia Fistulla	Amaltash	do	14-15	V
1073	1073	Cassia Fistulla	Amaltash	do	14-15	V
1074	1074		Muada	do	22-23	IV

1075	1075	Cassia Fistulla	Amaltash	do	18-19	V
1076	1076	Mallotus Phillipinensis	kambal	do	17-18	V
1077	1077	Cassia Fistulla	Amaltash	do	15-16	V
1078	1078	Cassia Fistulla	Amaltash	do	15-16	V
1079	1079	Cassia Fistulla	Amaltash	do	13-14	V
1080	1080	Cassia Fistulla	Amaltash	do	13-14	V
1081	1081		Khalave	do	15-16	V
1082	1082		Khalave	do	15-16	V
1083	1083	Bauhinia Variegata	Kachnaar	do	15-16	V
1084	1084	Cassia Fistulla	Amaltash	do	18-19	V
1085	1085	Cassia Fistulla	Amaltash	do	18-19	V
1086	1086		Balodhar	do	18-19	V
1087	1087	Grevia Optiva	beul	do	13-14	V
1088	1088		Balodhar	do	18-19	V
1089	1089	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1090	1090	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
1091	1091	Cryptalepis Buchanani	Kuhambal	do	18-19	V
1092	1092	Cryptalepis Buchanani	Kuhambal	do	16-17	V
1093	1093	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1094	1094	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1095	1095	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1096	1096	Cassia Fistulla	Amaltash	do	15-16	V
1097	1097	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1098	1098	Cassia Fistulla	Amaltash	do	16-17	V
1099	1099	Cryptalepis Buchanani	Kuhambal	do	16-17	V
1100	1100	Cryptalepis Buchanani	Kuhambal	do	16-17	V
1101	1101	Bauhinia Variegata	Kachnaar	do	13-14	V
1102	1102	Pistacio Integerrima	Kakare	do	23-24	IV
1103	1103	Cassia Fistulla	Amaltash	do	13-14	V
1104	1104		Arthe	do	16-17	V
1105	1105	Pistacio Integerrima	Kakare	do	22-23	IV
1106	1106	Cassia Fistulla	Amaltash	do	13-14	V
1107	1107	Cryptalepis Buchanani	Kuhambal	do	16-17	V
1108	1108	Cassia Fistulla	Amaltash	do	23-24	IV
1109	1109	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1110	1110	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
1111	1111	Grevia Optiva	beul	do	14-15	V
1112	1112	Cassia Fistulla	Amaltash	do	14-15	V
1113	1113	Grevia Optiva	beul	do	14-15	V
1114	1114	Grevia Optiva	beul	do	14-15	V
1115	1115	Grevia Optiva	beul	do	14-15	V
1116	1116		Balodhar	do	14-15	V
1117	1117	Cassia Fistulla	Amaltash	do	21-22	IV
1118	1118		Muada	do	21-22	IV
1119	1119	Cryptalepis Buchanani	Kuhambal	do	16-17	V
1120	1120	Cassia Fistulla	Amaltash	do	13-14	V
1121	1121	Cryptalepis Buchanani	Kuhambal	do	21-22	IV

1122	1122	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1123	1123	Pistacio Integerrima	Kakare	do	15-16	V
1124	1124	Pistacio Integerrima	Kakare	do	18-19	V
1125	1125	Cassia Fistulla	Amaltash	do	22-23	IV
1126	1126		Kurumuru	do	22-23	IV
1127	1127	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1128	1128	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1129	1129	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1130	1130	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1131	1131	Cryptalepis Buchanani	Kuhambal	do	14-15	V
1132	1132	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
1133	1133	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1134	1134	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1135	1135	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
1136	1136	Cassia Fistulla	Amaltash	do	14-15	V
1137	1137	Cassia Fistulla	Amaltash	do	14-15	V
1138	1138	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1139	1139	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
1140	1140	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1141	1141	Cryptalepis Buchanani	Kuhambal	do	16-17	V
1142	1142	Cryptalepis Buchanani	Kuhambal	do	18-19	V
1143	1143	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1144	1144	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1145	1145	Pistacio Integerrima	Kakare	do	14-15	V
1146	1146	Cryptalepis Buchanani	Kuhambal	do	16-17	V
1147	1147	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1148	1148	Cassia Fistulla	Amaltash	do	15-16	V
1149	1149		sangar	do	18-19	V
1150	1150	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1151	1151	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1152	1152	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1153	1153	Cassia Fistulla	Amaltash	do	19-20	V
1154	1154		Balodhar	do	19-20	V
1155	1155	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1156	1156	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1157	1157	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1158	1158	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1159	1159	Pistacio Integerrima	Kakare	do	22-23	IV
1160	1160	Grevia Optiva	beul	do	17-18	V
1161	1161	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1162	1162	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1163	1163	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1164	1164	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1165	1165	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1166	1166	Pistacio Integerrima	Kakare	do	17-18	V
1167	1167	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1168	1168	Cryptalepis Buchanani	Kuhambal	do	24-25	IV

1169	1169	Cassia Fistulla	Amaltash	do	14-15	V
1170	1170		Khalave	do	13-14	V
1171	1171	Pistacio Integerrima	Kakare	do	17-18	V
1172	1172	Cassia Fistulla	Amaltash	do	21-22	IV
1173	1173		Balodhar	do	24-25	IV
1174	1174	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1175	1175	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1176	1176	Cassia Fistulla	Amaltash	do	17-18	V
1177	1177	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1178	1178	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1179	1179	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
1180	1180	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1181	1181	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1182	1182	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1183	1183	Pistacio Integerrima	Kakare	do	17-18	V
1184	1184	Pistacio Integerrima	Kakare	do	19-20	V
1185	1185	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1186	1186	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1187	1187	Pistacio Integerrima	Kakare	do	19-20	V
1188	1188	Pistacio Integerrima	Kakare	do	21-22	IV
1189	1189	Cassia Fistulla	Amaltash	do	19-20	V
1190	1190	Cryptalepis Buchanani	Kuhambal	do	24-25	IV
1191	1191	Bauhnia Variegata	Kachnaar	do	13-14	V
1192	1192	Bauhnia Variegata	Kachnaar	do	15-16	V
1193	1193	Bauhnia Variegata	Kachnaar	do	13-14	V
1194	1194	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1195	1195	Pistacio Integerrima	Kakare	do	21-22	IV
1196	1196	Cassia Fistulla	Amaltash	do	19-20	V
1197	1197	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
1198	1198	Mallotus Phillipinensis	kambal	do	13-14	V
1199	1199	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1200	1200	Pistacio Integerrima	Kakare	do	17-18	V
1201	1201	Pistacio Integerrima	Kakare	do	17-18	V
1202	1202	Pistacio Integerrima	Kakare	do	21-22	IV
1203	1203	Pistacio Integerrima	Kakare	do	23-24	IV
1204	1204	Pistacio Integerrima	Kakare	do	15-16	V
1205	1205	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1206	1206	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1207	1207	Bauhnia Variegata	Kachnaar	do	13-14	V
1208	1208	Cassia Fistulla	Amaltash	do	13-14	V
1209	1209	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1210	1210	Pistacio Integerrima	Kakare	do	19-20	V
1211	1211	Cassia Fistulla	Amaltash	do	19-20	V
1212	1212	Cassia Fistulla	Amaltash	do	15-16	V
1213	1213	Grevia Optiva	beul	do	15-16	V
1214	1214	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1215	1215	Bauhnia Variegata	Kachnaar	do	15-16	V

1216	1216	Pistacio Integerrima	Kakare	do	15-16	V
1217	1217	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1218	1218	Cassia Fistulla	Amaltash	do	14-15	V
1219	1219	Pistacio Integerrima	Kakare	do	15-16	V
1220	1220	Bauhnia Variegata	Kachnaar	do	15-16	V
1221	1221	Pistacio Integerrima	Kachnaar	do	21-22	IV
1222	1222	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1223	1223	Bauhnia Variegata	Kachnaar	do	15-16	V
1224	1224	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1225	1225		Kurumuru	do	13-14	V
1226	1226		Kurumuru	do	13-14	V
1227	1227	Grevia Optiva	beul	do	14-15	V
1228	1228	Pistacio Integerrima	Kakare	do	14-15	V
1229	1229	Mallotus Phillipinensis	kambal	do	15-16	V
1230	1230	Bauhnia Variegata	Kachnaar	do	15-16	V
1231	1231		sangar	do	16-17	V
1232	1232	Mallotus Phillipinensis	kambal	do	13-14	V
1233	1233	Mallotus Phillipinensis	kambal	do	17-18	V
1234	1234	Ficus Hispida	Debre	do	13-14	V
1235	1235	Mallotus Phillipinensis	kambal	do	15-16	V
1236	1236	Pistacio Integerrima	Kakare	do	15-16	V
1237	1237	Ficus Hispida	Debre	do	15-16	V
1238	1238	Mallotus Phillipinensis	kambal	do	15-16	V
1239	1239	Mallotus Phillipinensis	kambal	do	13-14	V
1240	1240	Mallotus Phillipinensis	kambal	do	13-14	V
1241	1241		Khalave	do	21-22	IV
1242	1242	Mallotus Phillipinensis	kambal	do	16-17	V
1243	1243		sangar	do	21-22	IV
1244	1244	Cryptalepis Buchanani	Kuhambal	do	24-25	IV
1245	1245	Pistacio Integerrima	Kakare	do	21-22	IV
1246	1246		Khalave	do	15-16	V
1247	1247	Pistacio Integerrima	Kakare	do	15-16	V
1248	1248		Khalave	do	19-20	V
1249	1249	Bauhnia Variegata	Kachnaar	do	13-14	V
1250	1250	Pistacio Integerrima	Kachnaar	do	21-22	IV
1251	1251	Pistacio Integerrima	Kachnaar	do	23-24	IV
1252	1252	Pistacio Integerrima	Kachnaar	do	17-18	V
1253	1253	Grevia Optiva	beul	do	14-15	V
1254	1254	Bauhnia Variegata	Kachnaar	do	14-15	V
1255	1255		Muada	do	17-18	V
1256	1256	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
1257	1257	Cassia Fistulla	Amaltash	do	23-24	IV
1258	1258	Bauhnia Variegata	Kachnaar	do	13-14	V
1259	1259		Muada	do	15-16	V
1260	1260		Muada	do	22-23	IV
1261	1261	Cassia Fistulla	Amaltash	do	19-20	V
1262	1262	Phyllanthus Emblica	amla	do	13-14	V

1263	1263	Grevia Optiva	beul	do	13-14	V
1264	1264		Muada	do	22-23	IV
1265	1265		Muada	do	16-17	V
1266	1266	Mallotus Phillipinensis	kambal	do	13-14	V
1267	1267		Muada	do	21-22	IV
1268	1268	Cassia Fistulla	Amaltash	do	17-18	V
1269	1269	Cassia Fistulla	Amaltash	do	17-18	V
1270	1270	Cassia Fistulla	Amaltash	do	17-18	V
1271	1271		sangar	do	22-23	IV
1272	1272	Ficus Hispida	Debre	do	15-16	V
1273	1273		Muada	do	14-15	V
1274	1274	Kydia calycina	Pule	do	14-15	V
1275	1275	Pistacio Integerrima	Kakare	do	23-24	IV
1276	1276	Pistacio Integerrima	Kakare	do	19-20	V
1277	1277		Muada	do	21-22	IV
1278	1278		Muada	do	19-20	V
1279	1279	Pistacio Integerrima	Kakare	do	22-23	IV
1280	1280		Muada	do	13-14	V
1281	1281	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1282	1282		sangar	do	14-15	V
1283	1283	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1284	1284		Kurumuru	do	15-16	V
1285	1285	Cassia Fistulla	Amaltash	do	21-22	IV
1286	1286	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1287	1287	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1288	1288	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1289	1289	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1290	1290	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1291	1291	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1292	1292	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1293	1293	Pistacio Integerrima	Kakare	do	17-18	V
1294	1294	Kydia calycina	Pule	do	19-20	V
1295	1295	Kydia calycina	Pule	do	21-22	IV
1296	1296	Bauhinia Variegata	Kachnaar	do	13-14	V
1297	1297	Pistacio Integerrima	Kakare	do	13-14	V
1298	1298		Khalave	do	13-14	V
1299	1299		Khalave	do	13-14	V
1300	1300	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1301	1301	Pistacio Integerrima	Kakare	do	13-14	V
1302	1302	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1303	1303	Cryptalepis Buchanani	Kuhambal	do	18-19	V
1304	1304	Pistacio Integerrima	Kakare	do	18-19	V
1305	1305	Pistacio Integerrima	Kakare	do	18-19	V
1306	1306	Cassia Fistulla	Amaltash	do	21-22	IV
1307	1307	Cassia Fistulla	Amaltash	do	22-23	IV
1308	1308	Pistacio Integerrima	Kakare	do	23-24	IV
1309	1309	Pistacio Integerrima	Kakare	do	21-22	IV

1310	1310	Pistacio Integerrima	Kakare	do	21-22	IV
1311	1311	Pistacio Integerrima	Kakare	do	17-18	V
1312	1312	Cassia Fistulla	Amaltash	do	17-18	V
1313	1313	Mallotus Phillipinensis	kambal	do	17-18	V
1314	1314		Khalave	do	13-14	V
1315	1315	Cryptalepis Buchanani	Kuhambal	do	14-15	V
1316	1316	Cryptalepis Buchanani	Kuhambal	do	14-15	V
1317	1317	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
1318	1318	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1319	1319		Muada	do	23-24	IV
1320	1320		Muada	do	13-14	V
1321	1321	Bauhnia Variegata	Kachnaar	do	13-14	V
1322	1322		Balodhar	do	15-16	V
1323	1323		Balodhar	do	24-25	IV
1324	1324	Pistacio Integerrima	Kakare	do	15-16	V
1325	1325	Pistacio Integerrima	Kakare	do	13-14	V
1326	1326	Pistacio Integerrima	Kakare	do	13-14	V
1327	1327	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1328	1328	Pistacio Integerrima	Kakare	do	19-20	V
1329	1329	Cassia Fistulla	Amaltash	do	19-20	V
1330	1330	Cassia Fistulla	Amaltash	do	19-20	V
1331	1331	Cryptalepis Buchanani	Kuhambal	do	19-20	V
1332	1332	Cryptalepis Buchanani	Kuhambal	do	17-18	V
1333	1333	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
1334	1334	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
1335	1335		Muada	do	23-24	IV
1336	1336	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
1337	1337	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
1338	1338	Cassia Fistulla	Amaltash	do	23-24	IV
1339	1339	Bauhnia Variegata	Kachnaar	do	15-16	V
1340	1340	Cassia Fistulla	Amaltash	do	19-20	V
1341	1341		Muada	do	21-22	IV
1342	1342		Muada	do	17-18	V
1343	1343		Muada	do	22-23	IV
1344	1344		Muada	do	22-23	IV
1345	1345	Cassia Fistulla	Amaltash	do	19-20	V
1346	1346		Khalave	do	17-18	V
1347	1347		Khalave	do	15-16	V
1348	1348	Pistacio Integerrima	Kakare	do	13-14	V
1349	1349	Bauhnia Variegata	Kachnaar	do	13-14	V
1350	1350	Cassia Fistulla	Amaltash	do	13-14	V
1351	1351	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1352	1352	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1353	1353	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
1354	1354	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1355	1355	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1356	1356	Cryptalepis Buchanani	Kuhambal	do	18-19	V

1357	1357	Mallotus Phillipinensis	kambal	do	14-15	V
1358	1358	Mallotus Phillipinensis	kambal	do	15-16	V
1359	1359	Cassia Fistulla	Amaltash	do	13-14	V
1360	1360	Mallotus Phillipinensis	kambal	do	13-14	V
1361	1361	Mallotus Phillipinensis	kambal	do	13-14	V
1362	1362	Pistacio Integerrima	Kakare	do	21-22	IV
1363	1363	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1364	1364	Pistacio Integerrima	Kakare	do	21-22	IV
1365	1365	Pistacio Integerrima	Kakare	do	19-20	V
1366	1366	Cassia Fistulla	Amaltash	do	13-14	V
1367	1367	Bauhinia Variegata	Kachnaar	do	13-14	V
1368	1368	Ficus Hispida	Debre	do	13-14	V
1369	1369	Ficus Hispida	Debre	do	13-14	V
1370	1370	Cryptalepis Buchanani	Kuhambal	do	21-22	IV
1371	1371	Cryptalepis Buchanani	Kuhambal	do	13-14	V
1372	1372	Cryptalepis Buchanani	Kuhambal	do	15-16	V
1373	1373	Cryptalepis Buchanani	Kuhambal	do	21-22	IV

Singh Bahuguna
Jyoti Anand
Bead

Jayalal Singh
Bo Langha

जन परिशोध अधिकारी
मंड - भादोल परिशोध
मिला मणही (दि.प. 1)

225

Abstract of Trees for enumeration of Trees in Forest & Govt. Land coming in the various components of Thana Plaun HEP (191 MW) under R/O
Lad Bharol

General Abstract Of Muhul - Pabo JHAMEHAR												
S. No	Botenical Name	Local Name	Below V	V	IV	III	IIA	IIB	IA	IB	IC	Total
1	Cassia Fistulla	Amaltash		128	37	1						166
2	Phyllanthus Emblica	amla		3	1							4
3		Arthe		2								2
4		Bakaar		4	1	1						6
5		Balodhar		9	8	2						19
6	Grevia Optiva	Beul		21								21
7	Terminalia Belerica	Bhera		5	6	2						13
8	Ehretia Laevis	Chamarde		1	1							2
9	Ficus Hspida	Debre		12	6							18
10	Melia Azeda:ech	Drek		1								1
11	Bauhinia Variegata	Kachnaar		16	4							20
12	Pistacio Integerrima	Kakare		9	6		1					16
13	Mallotus Phillipinensis	kambal		60	5	1						66
14		Khalave		10	1							11
15		Kurumuru		46	13							59
16		Khashray		1	1							2
17	Cryptalepis Buchananii	Kuhambal		50	55	6	1					112
18		Muada		23	33	5	1					62
19	Albizia Chinensis	Oyee		1	2	2	2					7
20	Litsaea Umbrosa	Parore		18	9							27
21	Kydia Calycina	Pule		66	68	5	1		1			141
22		Sangar		9	25	2						36
23	Morus Alba	Shehtoot		4				1				5
24	Bombax Ceiba	Simbal			1							1
25	Albizia Lebbak	siris		23	14	2	3		5			47
26		Thua			1	1						2
	Total			522	298	30	10	6	0	0	0	866

Gayatri
Bao Langne

Signature
Bao Langne

वन परिसर अधिकारी
लड - भडोल परिसर
गिरवा मण्डी (रि. ११)

**SPECIES WISE/CLASS WISE TREES FALLING UNDER DEEMED FOREST & GOVT. LAND IN COMPONENT AREA
OF
THANA PLAUN HEP (191 MW)**

Muhal :- Jhamehar

Sr No.	Tree No.	Species	Local Name	khasra No.	Dia (in cm)	Class
1	1/020	Meliaz darach	Drek	1941/1,	19-20	V
2	2/020		Sangar	1984/1744/1,	25-26	IV
3	3/020	Ficus Hispida	Debre	1985/1744/1	17-18	V
4	4/020	Ficus Hispida	Debre	do	18-19	V
5	5/020		Sangar	do	22-23	IV
6	6/020	Ficus Hispida	Debre	do	15-16	V
7	7/020	Ficus Hispida	Debre	do	15-16	V
8	8/020		Sangar	do	25-26	IV
9	9/020	Ficus Hispida	Debre	do	22-23	IV
10	10/020	Ficus Hispida	Debre	do	23-24	IV
11	11/020	Ficus Hispida	Debre	do	17-18	V
12	12/020	Ficus Hispida	Debre	do	22-23	IV
13	13/20	Albizia Chinensis	Oyee	do	16-17	V
14	14/20	Albizia Chinensis	Oyee	do	25-26	IV
15	15/20	Albizia Chinensis	Oyee	do	25-26	IV
16	16/20	Albizia Chinensis	Oyee	do	44-45	IIA
17	17/20	Grevia Optiva	Beul	do	17-18	V
18	18/20	Cryptalepis Buchanani	Kuhambal	do	17-18	V
19	19/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
20	20/20		Khashray	do	22-23	IV
21	21/20	Albizia Chinensis	Oyee	do	35-36	III
22	22/20	Albizia Chinensis	Oyee	do	39-40	III
23	23/20	Albizia Chinensis	Oyee	do	42-43	IIA
24	24/20		Sangar	do	24-25	IV
25	25/20		Sangar	do	24-25	IV
26	26/20		Sangar	do	27-28	IV
27	27/20		Sangar	do	33-34	III
28	28/20		Sangar	do	25-26	IV
29	29/20	Kydia calycina	Pule	do	24-25	IV
30	30/20	Cryptalepis Buchanani	Kuhambal	do	19-20	V
31	31/20		Sangar	do	35-36	III
32	32/20		Sangar	do	17-18	V
33	33/20	Cassia Fistulla	Amaltash	do	18-19	V
34	34/20	Cryptalepis Buchanani	Kuhambal	do	25-26	IV
35	35/20		Sangar	do	24-25	IV
36	36/20	Cryptalepis Buchanani	Kuhambal	do	22-23	IV
37	37/20	Pistacio Integerrima	Kakare	do	45-46	IIA
38	38/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
39	39/20	Kydia calycina	Pule	do	17-18	V
40	40/20	Cassia Fistulla	Amaltash	do	23-24	IV
41	41/20	Mallotus Phillipinensis	kambal	do	15-16	V

42	42/20	Kydia calycina	Pule	do	25-26	IV
43	43/20	Mallotus Phillipinensis	kambal	do	17-18	V
44	44/20	Kydia calycina	Pule	do	25-26	IV
45	45/20	Kydia calycina	Pule	do	17-18	V
46	46/20	Mallotus Phillipinensis	kambal	do	15-16	V
47	47/20	Kydia calycina	Pule	do	27-28	IV
48	48/20	Kydia calycina	Pule	do	15-16	V
49	49/20	Cassia Fistulla	Amaltash	do	14-15	V
50	50/20	Kydia calycina	Pule	do	17-18	V
51	51/20	Kydia calycina	Pule	do	27-28	IV
52	52/20	Mallotus Phillipinensis	kambal	do	15-16	V
53	53/20	Mallotus Phillipinensis	kambal	do	17-18	V
54	54/20	Kydia calycina	Pule	do	17-18	V
55	55/20	Kydia calycina	Pule	do	17-18	V
56	56/20	Cassia Fistulla	Amaltash	do	17-18	V
57	57/20	Albizia Lebbeck	siris	do	15-16	V
58	58/20	Cassia Fistulla	Amaltash	do	17-18	V
59	59/20	Kydia calycina	Pule	do	15-16	V
60	60/20	Cassia Fistulla	Amaltash	do	19-20	V
61	61/20	Mallotus Phillipinensis	kambal	do	12-13	V
62	62/20	Kydia calycina	Pule	do	24-25	IV
63	63/20	Kydia calycina	Pule	do	24-25	IV
64	64/20	Albizia Lebbeck	siris	do	42-43	IIA
65	65/20	Cassia Fistulla	Amaltash	do	13-14	V
66	66/20		Khalave	do	13-14	V
67	67/20	Cryptalepis Buchanani	Kuhambal	do	23-24	IV
68	68/20		Sangar	do	13-14	V
69	69/20	Albizia Lebbeck	siris	do	23-24	IV
70	70/20		Sangar	do	17-18	V
71	71/20	Albizia Lebbeck	siris	do	22-23	IV
72	72/20	Albizia Lebbeck	siris	do	17-18	V
73	73/20	Albizia Lebbeck	siris	do	19-20	V
74	74/20	Cassia Fistulla	Amaltash	do	13-14	V
75	75/20		Khalave	do	18-19	V
76	76/20	Grevia Optiva	Beul	do	13-14	V
77	77/20		Khalave	do	18-19	V
78	78/20	Mallotus Phillipinensis	kambal	do	18-19	V
79	79/20		Khalave	do	14-15	V
80	80/20	Kydia calycina	Pule	do	13-14	V
81	81/20		Sangar	do	15-16	V
82	82/20		Muada	do	25-26	IV
83	83/20		Muada	do	25-26	IV
84	84/20	Kydia calycina	Pule	do	22-23	IV
85	85/20	Cassia Fistulla	Amaltash	do	22-23	IV
86	86/20	Mallotus Phillipinensis	kambal	do	19-20	V
87	87/20	Cassia Fistulla	Amaltash	do	33-34	III
88	88/20		Sangar	do	29-30	IV

89	89/20	Litsaea Umbrosa	Parore	do	19-20	V
90	90/20	Mallotus Phillipinensis	kambal	do	38-39	III
91	91/20	Albizia Lebbeck	siris	do	13-14	V
92	92/20	Morus Alba	Shahtoot	do	19-20	V
93	93/20	Morus Alba	Shahtoot	do	13-14	V
94	94/20	Morus Alba	Shahtoot	do	42-43	IIA
95	95/20	Morus Alba	Shahtoot	do	13-14	V
96	96/20	Ficus Hispida	Debre	do	14-15	V
97	97/20	Morus Alba	Shahtoot	do	19-20	V
98	98/20	Albizia Lebbeck	siris	do	15-16	V
99	99/20	Mallotus Phillipinensis	kambal	do	15-16	V
100	100/20	Kydia calycina	Pule	do	23-24	IV
101	101/20	Kydia calycina	Pule	do	13-14	V
102	102/20	Mallotus Phillipinensis	kambal	do	25-26	IV
103	103/20	Kydia calycina	Pule	do	15-16	V
104	104/20	Mallotus Phillipinensis	kambal	do	15-16	V
105	105/20	Cassia Fistulla	Amaltash	do	25-26	IV
106	106/20	Kydia calycina	Pule	do	22-23	IV
107	107/20	Ficus Hispida	Debre	do	22-23	IV
108	108/20	Kydia calycina	Pule	do	22-23	IV
109	109/20	Kydia calycina	Pule	do	22-23	IV
110	110/20	Ficus Hispida	Debre	do	19-20	V
111	111/20		Bakar	do	19-20	V
112	112/20		Bakar	do	19-20	V
113	113/20er	Cassia Fistulla	Amaltash	do	19-20	V
114	114/20		Muada	do	15-16	V
115	115/20	Albizia Lebbeck	siris	do	15-16	V
116	116/20	Kydia calycina	pule	do	24-25	IV
117	117/20		Muada	do	24-25	IV
118	118/20	Kydia calycina	Pule	do	27-28	IV
119	119/20	Kydia calycina	Pule	do	24-25	IV
120	120/20	Kydia calycina	Pule	do	24-25	IV
121	121/20	Albizia Lebbeck	siris	do	17-18	V
122	122/20	Kydia calycina	Pule	do	17-18	V
123	123/20	Kydia calycina	Pule	do	17-18	V
124	124/20	Albizia Lebbeck	siris	do	17-18	V
125	125/20	Cassia Fistulla	Amaltash	do	17-18	V
126	126/20	Kydia calycina	Pule	do	22-23	IV
127	127/20	Albizia Lebbeck	siris	do	16-17	V
128	128/20	Albizia Lebbeck	siris	do	16-17	V
129	129/20	Kydia calycina	Pule	do	29-30	IV
130	130/20	Cassia Fistulla	Amaltash	do	15-16	V
131	131/20		Bakar	do	23-24	IV
132	132/20	Terminalia Belerica	Bhera	do	23-24	IV
133	133/20	Mallotus Phillipinensis	kambal	do	15-16	V
134	134/20	Mallotus Phillipinensis	kambal	do	15-16	V
135	135/20	Terminalia Belerica	Bhera	do	22-23	IV

136	136/20	Mallotus Phillipinensis	kambal	do	16-17	V
137	137/20	Terminalia Belerica	Bhera	do	22-23	IV
138	138/20	Pistacio Integerrima	Kakare	do	15-16	V
139	139/20	Albizia Lebbeck	siris	do	18-19	V
140	140/20	Kydia calycina	Pule	do	22-23	IV
141	141/20	Terminalia Belerica	Bhera	do	25-26	IV
142	142/20	Cassia Fistulla	Amaltash	do	22-23	IV
143	143/20	Kydia calycina	Pule	do	17-18	V
144	144/20	Kydia calycina	Pule	do	22-23	IV
145	145/20	Kydia calycina	Pule	do	22-23	IV
146	146/20	Kydia calycina	Pule	do	32-33	III
147	147/20	Kydia calycina	Pule	do	22-23	IV
148	148/20		Kurumuru	do	17-18	V
149	149/20		Kurumuru	do	23-24	IV
150	150/20	Kydia calycina	Pule	do	19-20	V
151	151/20	Kydia calycina	Pule	db	19-20	V
152	152/20		Kurumuru	do	19-20	V
153	153/20	Terminalia Belerica	Bhera	do	32-33	III
154	154/20	Cassia Fistulla	Amaltash	do	21-22	IV
155	155/20	Kydia calycina	Pule	do	25-26	IV
156	156/20	Kydia calycina	Pule	do	19-20	V
157	157/20	Terminalia Belerica	Bhera	do	34-35	III
158	158/20	Terminalia Belerica	Bhera	do	19-20	V
159	159/20		Bakar	do	32-33	III
160	160/20	Terminalia Belerica	Bhera	do	15-16	V
161	161/20	Kydia calycina	pule	do	19-20	V
162	162/20	Terminalia Belerica	Bhera	do	14-15	V
163	163/20	Cassia Fistulla	Amaltash	do	22-23	IV
164	164/20	Terminalia Belerica	Bhera	do	27-28	IV
165	165/20	Cassia Fistulla	Amaltash	do	17-18	V
166	166/20	Kydia calycina	pule	do	23-24	IV
167	167/20		Muada	do	32-33	III
168	168/20	Terminalia Belerica	Bhera	do	16-17	V
169	169/20	Kydia calycina	Pule	do	29-30	IV
170	170/20	Kydia calycina	Pule	do	23-24	IV
171	171/20	Kydia calycina	Pule	do	13-14	V
172	172/20	Mallotus Phillipinensis	kambal	do	14-15	V
173	173/20		Muada	do	37-38	III
174	174/20	Cassia Fistulla	Amaltash	do	19-20	V
175	175/20	Kydia calycina	Pule	do	19-20	V
176	176/20	Kydia calycina	Pule	do	25-26	IV
177	177/20		Bakar	do	15-16	V
178	178/20	Kydia calycina	Pule	do	27-28	IV
179	179/20	Kydia calycina	Pule	do	33-34	III
180	180/20		Kurumuru	do	19-20	V
181	181/20	Kydia calycina	Pule	do	22-23	IV
182	182/20		Muada	do	22-23	IV

Abstract of Tree for enumeration of Forest & Govt. Land coming in the various components of Thana Plaun HEP (191 MW) under R/O Lad Bharol

General Abstract of Muhal - ~~Batabo~~ NERI Kotla

S. No	Botanical Name	Local Name	Below V	V	IV	III	IIA	IIB	IA	IB	IC	ID	Total
1	Cassia Fistula	Amaitash		40	1								41
2	Phyllanthus Emblica	amla		4	1								5
3		Badare		2	2	1			1			1	7
4		Bargad			1	1							2
5	Grevia Optiva	Beul		10									10
6	Salix Elegans	Beuns		2	3								5
7	Ehretia Laevis	Chamarde		1									1
8		Darek		1									1
9	Ficus Hispida	Debre		9									9
10	Eugenia Jambolana	Jamun		5	3								8
11	Bauhinia Variegata	Kachnaar		18	3								21
12	Pistacio Integerrima	Kakare		34	13	1	1						49
13	Clematis Montana	Kangoo		7									7
14	Mallotus Phillipinensis	kambal		175	12								187
15		Khalave		2									2
16	Acacia Catechu	khair		303	46								349
17	Quercus Semicarpifolia	khars		1									1
18	Cryptalepis Buchanani	Kuhambal		17									17
19		Kurumuru			1								1
20		Lasunia		11									11
21		Muada		39									39
22	Albizia Chinensis	Oyee		28	31	6	3						68
23	Wendlandia Heynei	Panasare		9									9
24	Ficus Religiosa	Pipal		3			1	1					5
25	Kydia Calycina	Pule		2									2
26	Morus Alba	Shahoot		6	1								7
27		Salooni		18									18
28		Shangar		1	1								2
29	Bombax Ceiba	Simbal		26	6								32
30	Delbergia Sissoo	Shisham		326	98	12	2						438
31	Albizia Lebbak	siris		14	2	4							20
32		Thuha		2									2
33	Toona Ciliata	Tooni		1	2								3
34	Ficus Glomerata	Trembal		7	2								9
35		Other		35	9								44
		Total		1159	238	25	7	1	1	0	0	1	1432

Signature

Dr. Langha

वन परिक्षेत्र अधिकारी
सड़ - मंडोल परिक्षेत्र
प.प.:

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH, 2014

CHECK LIST SERIAL NUMBER: -15

**(SITE INSPECTION REPORT OF THE FOREST AREA INVOLVED IN THE
PROJECT PROPOSAL)**

Full Title of the project: Diversion of 406.79 hect. Forest Land (170.55 ha. J/Nagar and 276.24 ha. Mandi Forest Division) in favour of HP Power Cor. Ltd. for the construction of Thana Plaun (191 MW) within the jurisdiction of Joginder Nagar and Mandi Forest Division, Distt. Mandi, HP

File No. : FP/HP/HYD/8255/2014.

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 General Manager, HP Power Corporation Ltd. Thana Plaun HEP, HPPCL, Kotli Ditt. Mandi, HP for diversion (under FCA 1980) of **170.55 hect.(in Joginder Nagar Forest Division)** of forest land for non-forestry purpose. The subject envisages the use of forest land for construction of Thana Plaun HEP (191 MW). The site inspection of the land involved in the proposal has been done by me on dated **22-10-2019**.

2 On inspection of the site, it is found that the land required by the user agency is a forest area measuring 170.55 hect.

3 The requirement of forest land as proposed by the user agency in Col. 2 of part-1 is unavoidable and is barest minimum required for the project. **-Yes.**

4 Whether any rare/ endangered/ unique species of flora and fauna found in the area. If so, the details thereof. **-No.**

5 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 the competent authority. **-No.**

6 (a)The user agency has not violated the provisions of Forest (Conservation) Act, 1980 and no work has been started without proper sanction. **- Yes**

(b) It has been found that the user agency has violated the provisions of the 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 Hand – book of Forest (Conservation) Act, 1980 is attached). **-No**

(Note: Whichever of the above is applicable should be shown in bold letters)

Specific recommendation for acceptance or otherwise of the proposal:-
Since the land is required form of green energy i.e Hydel Project, so case is recommended.

Place: J/Nagar
Date: 15-11-2019


(Signature)
Name- Rakesh Katoch
Designation, D.F. Officer
Joginder Nagar Forest Division
Office Seal
Joginder Nagar (H.P.)

FULL TITLE OF PROJECT:- Diversion of 406.79 hectare of forest land for construction of Thana Plaun HEP (191 MW) under the jurisdiction of Mandi Forest Division, Distt. Mandi, H.P.

Proposal No.:- FP/HP/HYD/8256/2014

Date of Proposal:- 29.11.2014

CHECK SERIAL NO.15.

SITE INSPECTION REPORT NOT BELOW THE RANK OF DCF.

(For the forest land to be diverted under FCA)

A proposal has been received by this office from General Manager, HP Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEP, HPPCL, Kotli, District Mandi, H.P. for Diversion (Under FCA-1980) of 236.24 ha (in Mandi Division) of forest land for non forestry purpose. The project envisages the use of forest land for construction of Thana Plaun HEP(191MW) within the jurisdiction of Mandi Forest Division (H.P.). The site inspection of the land involved in the proposal has been done by me on dated 06.09.2019.

1. On the inspection of the site, it is found that the land required by the user agency is a forest land measuring 236.24 hectares in Mandi Division.
2. The requirement of forest land as proposed by the user agency in Col.2 of Part-1 is unavoidable and is barest minimum required for the Project. **YES.**
3. Whether any rare/endangered/unique species of flora and fauna found in the area. If so, the details thereof. **NO.**
4. Whether any protected archaeological/heritage site/defense establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required. **NO.**
5. The user agency has not violated the provisions of Forests (Conservation) Act, 1980 and no work has been started without proper sanction. **Yes**
6. Specific recommendation for acceptance or other wise of the proposal.

Hence proposal is recommended for sanction under FCA/1980.


(S.S. Kashyap)HPFS,
Divisional Forest Officer,
Mandi Forest Division, Mandi.
 Forest Division Mandi (H.P.)

233(71)

Full Title of the Project: Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi, H.P.

Proposal No. : FP/HP/HYD/8255 /2014

CHECK LIST SERIAL NUMBER.15

SITE INSPECTION REPORT

(For the Forest land to be diverted under FCA)

A proposal has been received by this office from The General Manager, Triveni Mahadev and Thana Plaun HEP's, HPPCL, Kotli, Distt. Mandi (HP) for diversion (under FCA-1980) of 406.79 hectares of forest land for non-forestry purpose. The project envisages the use of forest land for construction of Thana Plaun HEP (191MW) within the jurisdiction of Mandi and Jogindernagar Forest Divisions of Forest Circle Mandi. The site inspection of the forest land involved has been done by me along with DFO Mandi, DFO Jogindernagar and user agency on dated 15.10.2020.

1. On inspection of the site, it is found that the land required by the user agency is a forest area measuring 406.79 hectares which falls under the jurisdiction of Mandi and Jogindernagar Forest Divisions.
2. The requirement of forest land as proposed by the user agency in Col. 2 of part-1 is unavoidable and is barest minimum required for the project. - **Yes.**
3. Whether any rare/ endangered/ unique species of flora and fauna found in the area. If so, the details thereof. - **No.**
4. Whether any protected archaeological/ heritage site/defence establishment or any other important monument is located in the area. - **No.**
5. The user agency has not violated the provisions of Forest (Conservation) Act, 1980 and no work have been started without proper sanction - **Yes.**
6. Specific recommendation for acceptance or otherwise of the proposal: Since the Forest Land is required for Green energy i.e. Hydel Project and is unavoidable and barest minimum hence, recommended for sanction under FCA, 1980.

Place: Mandi

Date: 15.10.2020


S. K. Musafir, IFS
Chief Conservator of Forests
Mandi Forest Circle, Mandi

**FULL TITLE OF THE PROJECT: THANA PLAUN (191MW)
HYDROELECTRIC PROJECT**

PROPOSAL NO.: FP/HP/HYD/8255 /2014

DATE OF PROPOSAL: NOVEMBER 29TH, 2014

CHECK LIST SERIAL NUMBER: -16

**(DETAILS OF NON-FOREST LAND/DEGRADED FOREST AREA IDENTIFIED
FOR COMPENSATORY AFFORESTATION)**

Full Title of the Project Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi, H.P.

Proposal No. : FP/HP/HYD/8255 /2014

Date of

Proposal: November 29th, 2014

CHECKLIST 16
DETAILS OF FOREST LAND/GOVT. LAND IDENTIFIED FOR COMPENSTAORY
GENERAL ABSTRACT

#	District	Forest Division	Tehsil	Range	Mahal	Survey Sheet No.	Khasra No.	Legal Status	Area in Ha.
1	Mandi	Karsog	Karsog	Pangna	Jammu	H43F3	25	Chargah Bila Darakhtan	38.75
2	Mandi	Karsog	Karsog	Pangna	Jammu	H43F3	546	Chargah Bila Darakhtan	16.83
3	Mandi	Karsog	Karsog	Pangna	Jammu	H43F3	554	Chargah Bila Darakhtan	10.28
4	Mandi	Karsog	Karsog	Pangna	Jammu	H43F3	552	Chargah Bila Darakhtan	23.87
5	Mandi	Karsog	Karsog	Pangna	Jammu	H43F3	548	Chargah Bila Darakhtan	28.07
6	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	2	Chargah Bila Darakhtan	16.1
7	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	88	Chargah Bila Darakhtan	3.32
8	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	612	Chargah Bila Darakhtan	32.44
9	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	964	Chargah Bila Darakhtan	3.8
10	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	2205/611	Chargah Bila Darakhtan	14.48
11	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	2229/2209	Chargah Bila Darakhtan	8.33
12	Mandi	Karsog	Karsog	Pangna	Kot/114	H43F3	373	Chargah Bila Darakhtan	11.73
13	Mandi	Mandi	Kataula	Kataula	Bambola	H43F1	207	Chargah Bila Darakhtan	8.74
14	Mandi	Mandi	Kataula	Kataula	Bambola	H43F1	210	Chargah Bila Darakhtan	16.99
15	Mandi	Mandi	Kataula	Kataula	Bambola	H43F1	244	Chargah Bila Darakhtan	3.56
16	Mandi	Mandi	Kataula	Kataula	Suran	H43F1	139	Chargah Bila Darakhtan	17.64
17	Mandi	Mandi	Kataula	Kataula	Suran	H43F1	215	Chargah Bila Darakhtan	2.83
18	Mandi	Mandi	Kataula	Kataula	Solang	H43F1	414	Chargah Bila Darakhtan	4.13
19	Mandi	Mandi	Kataula	Kataula	Solang	H43F1	419	Chargah Bila Darakhtan	6.07
20	Mandi	Jogindernagar	Jogindernagar	Jogindernagar	Neri Kotla	H43F1	738/718	Chargah Bila Darakhtan	7.03
21	Mandi	Suket	Sundernagar	Kangoo	Batwada	H43E15	292	Chargah Bila Darakhtan	8.00
22	Mandi	Suket	Sundernagar	Kangoo	Gamoh	H43E15	1040/992	Chargah Bila Darakhtan	7.00

DETAILS OF FOREST LAND/GOVT. LAND IDENTIFIED FOR COMPENSTAORY
GENERAL ABSTRACT

#	District	Forest Division	Tehsil	Range	Muhal	Survey Sheet No.	Khasra No.	Legal Status	Area in Ha.
23	Mandi	Suket	Sundernagar	Kangoo	Gumoh	H43E15	550	Chargah Bila Darakhtan	9.00
24	Mandi	Suket	Sundernagar	Kangoo	Koon	H43E15	318	Chargah Bila Darakhtan	5.00
25	Mandi	Suket	Sundernagar	Kangoo	Kumaila	H43E15	434	Chargah Bila Darakhtan	6.00
26	Mandi	Suket	Sundernagar	Kangoo	Kanokhar	H43E15	882	Chargah Bila Darakhtan	6.00
27	Mandi	Suket	Sundernagar	Jaidevi	Bhalana	H43E15	174, 291	Chargah Bila Darakhtan	5.00
28	Mandi	Suket	Sundernagar	Jaidevi	Naval	H43E15	167	Chargah Bila Darakhtan	6.00
29	Mandi	Suket	Sundernagar	Jaidevi	Fatehpur	H43E15	50, 94	Chargah Bila Darakhtan	10.00
30	Mandi	Suket	Sundernagar	Jaidevi	Shaishdhar	H43E15	376	Chargah Bila Darakhtan	5.00
31	Mandi	Suket	Sundernagar	Jaidevi	Hafwana	H43E15	266, 228	Chargah Bila Darakhtan	18.00
32	Mandi	Mandi	Sadar Mandi	Darang	Aran	H43E13	1135/285	Chargah Bila Darakhtan	4.53
33	Mandi	Mandi	Sadar Mandi	Kataula	Arnehad	H43F1	660	Chargah Bila Darakhtan	6.39
34	Mandi	Mandi	Sadar Mandi	Kataula	Arnehad	H43F1	664	Chargah Bila Darakhtan	4.45
35	Mandi	Mandi	Sadar Mandi	Kataula	Arnehad	H43F1	768	Chargah Bila Darakhtan	8.41
36	Mandi	Mandi	Sadar Mandi	Kataula	Arnehad	H43F1	775	Chargah Bila Darakhtan	2.59
37	Mandi	Mandi	Sadar Mandi	Kataula	Badandhar	H43F1	7	Chargah Bila Darakhtan	3.24
38	Mandi	Mandi	Sadar Mandi	Kataula	Badandhar	H43F1	284/39	Chargah Bila Darakhtan	38.51
39	Mandi	Mandi	Sadar Mandi	Kataula	Badandhar	H43F1	297/128	Chargah Bila Darakhtan	53.72
40	Mandi	Mandi	Sadar Mandi	Kataula	Badandhar	H43F1	301/299/141	Chargah Bila Darakhtan	11.16
41	Mandi	Mandi	Sadar Mandi	Kataula	Badaun	H43F1	121	Chargah Bila Darakhtan	9.71
42	Mandi	Mandi	Sadar Mandi	Kataula	Badaun	H43F1	220	Chargah Bila Darakhtan	24.19
43	Mandi	Mandi	Sadar Mandi	Kataula	Badaun	H43F1	266/237	Chargah Bila Darakhtan	16.67
44	Mandi	Mandi	Sadar Mandi	Kataula	Badaun	H43F1	281/258/22	Chargah Bila Darakhtan	17.48
45	Mandi	Mandi	Sadar Mandi	Kataula	Badaun	H43F1	282/260/253	Chargah Bila Darakhtan	10.6
46	Mandi	Mandi	Sadar Mandi	Panarsa	Banool	H43F2	477	Chargah Bila Darakhtan	2.99
47	Mandi	Mandi	Sadar Mandi	Panarsa	Banool	H43F2	856/478	Chargah Bila Darakhtan	11.49
48	Mandi	Mandi	Sadar Mandi	Panarsa	Banool	H43F2	830/725	Chargah Bila Darakhtan	4.85
49	Mandi	Mandi	Sadar Mandi	Panarsa	Banool	H43F2	882/840	Chargah Bila Darakhtan	6.23
50	Mandi	Mandi	Sadar Mandi	Darang	Basa	H43E13	1409/1382	Chargah Bila Darakhtan	5.58

DETAILS OF FOREST LAND/GOVT. LAND IDENTIFIED FOR COMPENSTAORY
GENERAL ABSTRACT

#	District	Forest Division	Tehsil	Range	Muhaf	Survey Sheet No.	Khasra No.	Legal Status	Area in Ha.
51	Mandi	Mandi	Sadar Mandi	Darong	Barogla	H43E13	368/1	Chargah Bila Darakhtan	3.4
52	Mandi	Mandi	Sadar Mandi	Kataula	Halgari	H43F1	12	Chargah Bila Darakhtan	3.8
53	Mandi	Mandi	Sadar Mandi	Kataula	Halgari	H43F1	55	Chargah Bila Darakhtan	4.13
54	Mandi	Mandi	Sadar Mandi	Mandi	Jhal	H43E14	438	Chargah Bila Darakhtan	3.56
55	Mandi	Mandi	Sadar Mandi	Mandi	Katindhi	H43E13	1313/1	Chargah Bila Darakhtan	3.88
56	Mandi	Mandi	Sadar Mandi	Kataula	Kundhakh	H43F1	78	Chargah Bila Darakhtan	4.85
57	Mandi	Mandi	Sadar Mandi	Kataula	Kundhakh	H43F1	157	Chargah Bila Darakhtan	2.51
58	Mandi	Mandi	Sadar Mandi	Kataula	Kundhakh	H43F1	294	Chargah Bila Darakhtan	3.48
59	Mandi	Mandi	Sadar Mandi	Kataula	Kundhakh	H43F1	410/56	Chargah Bila Darakhtan	3.64
60	Mandi	Mandi	Sadar Mandi	Panarsa	Masad	H43F2	6	Chargah Bila Darakhtan	6.55
61	Mandi	Mandi	Sadar Mandi	Panarsa	Masad	H43F2	156	Chargah Bila Darakhtan	6.72
62	Mandi	Mandi	Sadar Mandi	Panarsa	Nagdhar	H43F2	197	Chargah Bila Darakhtan	4.45
63	Mandi	Mandi	Sadar Mandi	Panarsa	Nagdhar	H43F2	778/123	Chargah Bila Darakhtan	3.4
64	Mandi	Mandi	Sadar Mandi	Panarsa	Nagdhar	H43F2	807/692	Chargah Bila Darakhtan	4.37
65	Mandi	Mandi	Sadar Mandi	Panarsa	Nagdhar	H43F2	809/392	Chargah Bila Darakhtan	4.13
66	Mandi	Mandi	Sadar Mandi	Panarsa	Nagdhar	H43F2	819/391	Chargah Bila Darakhtan	5.74
67	Mandi	Mandi	Sadar Mandi	Kataula	Nandal	H43F1&H43E13	702/355	Chargah Bila Darakhtan	5.18
68	Mandi	Mandi	Sadar Mandi	Kataula	Segli	H43F1	297	Chargah Bila Darakhtan	4.29
69	Mandi	Mandi	Sadar Mandi	Kataula	Suhda	H43F1	199	Chargah Bila Darakhtan	38.83
70	Mandi	Mandi	Sadar Mandi	Kataula	Suhda	H43F1	412/339	Chargah Bila Darakhtan	8.41
71	Mandi	Mandi	Sadar Mandi	Panarsa	Suma	H43F2	52	Chargah Bila Darakhtan	26.62
72	Mandi	Mandi	Sadar Mandi	Panarsa	Suma	H43F2	234	Chargah Bila Darakhtan	3.32
73	Mandi	Mandi	Sadar Mandi	Panarsa	Suma	H43F2	239	Chargah Bila Darakhtan	7.69
74	Mandi	Mandi	Sadar Mandi	Panarsa	Thatta	H43F2	785	Chargah Bila Darakhtan	2.67
75	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1341/1000	Chargah Bila Darakhtan	13.51
76	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1412/1013	Chargah Bila Darakhtan	10.52
77	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1414/1032	Chargah Bila Darakhtan	3.48
78	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1483/1240	Chargah Bila Darakhtan	2.99

DETAILS OF FOREST LAND/GOVT. LAND IDENTIFIED FOR COMPENSTAORY
GENERAL ABSTRACT

#	District	Forest Division	Tehsil	Range	Muhaf	Survey Sheet No.	Khasra No.	Legal Status	Area in Ha.
79	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1487/1253	Churgah Bila Darakhian	4.61
80	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1488/1253	Churgah Bila Darakhian	8.01
81	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1494/339	Churgah Bila Darakhian	3.96
									815.48

DATE : 20-12-19
 PLACE Kotli


 General Manager
 TM & TP HEPs HPPCL
 Kotli, Distt. Mandi (H.P.)


 Divisional Forest Officer
 Kotli Division Mandi (H.P.)


 Divisional Forest Officer
 Jinder Nagar Forest Division
 Jinder Nagar (H.P.)

Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi. H.P.

Full Title of the Project

Proposal No.: FP/HP/HYD/8255/2014

Date of Proposal: November 29th, 2014

CHECKLIST 16

DETAILS OF FOREST LAND/GOVT. LAND IDENTIFIED FOR COMPENSTORY AFFORESTATION

MANDI FOREST DIVISION

#	District	Forest Division	Tehsil	Range	Muhai	Survey Sheet No.	Khasra No.	Legal Status	Area in Ha.
1	Mandi	Suket	Sundernagar	Jaidevi	Hafwana	H43E15	266, 228	Chargah Bila Darakhtan	18.00
2	Mandi	Mandi	Sadar Mandi	Darang	Arin	H43E13	1135/285	Chargah Bila Darakhtan	4.53
3	Mandi	Mandi	Sadar Mandi	Kataula	Arnehad	H43F1	660	Chargah Bila Darakhtan	6.39
4	Mandi	Mandi	Sadar Mandi	Kataula	Arnehad	H43F1	664	Chargah Bila Darakhtan	4.45
5	Mandi	Mandi	Sadar Mandi	Kataula	Arnehad	H43F1	768	Chargah Bila Darakhtan	8.41
6	Mandi	Mandi	Sadar Mandi	Kataula	Arnehad	H43F1	775	Chargah Bila Darakhtan	2.59
7	Mandi	Mandi	Sadar Mandi	Kataula	Badandhar	H43F1	7	Chargah Bila Darakhtan	3.24
8	Mandi	Mandi	Sadar Mandi	Kataula	Badandhar	H43F1	284/39	Chargah Bila Darakhtan	38.51
9	Mandi	Mandi	Sadar Mandi	Kataula	Badandhar	H43F1	292/128	Chargah Bila Darakhtan	53.72
10	Mandi	Mandi	Sadar Mandi	Kataula	Badandhar	H43F1	301/260/141	Chargah Bila Darakhtan	11.16
11	Mandi	Mandi	Sadar Mandi	Kataula	Badun	H43F1	121	Chargah Bila Darakhtan	9.71
12	Mandi	Mandi	Sadar Mandi	Kataula	Badun	H43F1	220	Chargah Bila Darakhtan	24.19
13	Mandi	Mandi	Sadar Mandi	Kataula	Badun	H43F1	266/237	Chargah Bila Darakhtan	16.67
14	Mandi	Mandi	Sadar Mandi	Kataula	Badun	H43F1	281/258/22	Chargah Bila Darakhtan	17.48
15	Mandi	Mandi	Sadar Mandi	Kataula	Badun	H43F1	282/260/253	Chargah Bila Darakhtan	10.6

16	Mandi	Mandi	Sadar Mandi	Panarsa	Bandoi	H43F2	477	Chargah Bila Darakhtan	2.99
17	Mandi	Mandi	Sadar Mandi	Panarsa	Bandoi	H43F2	856/478	Chargah Bila Darakhtan	11.49
18	Mandi	Mandi	Sadar Mandi	Panarsa	Bandoi	H43F2	830/725	Chargah Bila Darakhtan	4.85
19	Mandi	Mandi	Sadar Mandi	Panarsa	Bandoi	H43F2	882/840	Chargah Bila Darakhtan	6.23
20	Mandi	Mandi	Sadar Mandi	Darang	Basa	H43E13	1409/1582	Chargah Bila Darakhtan	5.58
21	Mandi	Mandi	Sadar Mandi	Darang	Burogha	H43E13	368/1	Chargah Bila Darakhtan	3.4
22	Mandi	Mandi	Sadar Mandi	Kataula	Halgarh	H43F1	12	Chargah Bila Darakhtan	3.8
23	Mandi	Mandi	Sadar Mandi	Kataula	Halgarh	H43F1	55	Chargah Bila Darakhtan	4.13
24	Mandi	Mandi	Sadar Mandi	Mandi	Jhal	H43E14	438	Chargah Bila Darakhtan	3.56
25	Mandi	Mandi	Sadar Mandi	Mandi	Katindhi	H43E13	1313/1	Chargah Bila Darakhtan	3.88
26	Mandi	Mandi	Sadar Mandi	Kataula	Kundhakh	H43F1	78	Chargah Bila Darakhtan	4.85
27	Mandi	Mandi	Sadar Mandi	Kataula	Kundhakh	H43F1	157	Chargah Bila Darakhtan	2.51
28	Mandi	Mandi	Sadar Mandi	Kataula	Kundhakh	H43F1	294	Chargah Bila Darakhtan	3.48
29	Mandi	Mandi	Sadar Mandi	Kataula	Kundhakh	H43F1	410/56	Chargah Bila Darakhtan	3.64
30	Mandi	Mandi	Sadar Mandi	Panarsa	Masad	H43F2	6	Chargah Bila Darakhtan	6.55
31	Mandi	Mandi	Sadar Mandi	Panarsa	Masad	H43F2	156	Chargah Bila Darakhtan	6.72
32	Mandi	Mandi	Sadar Mandi	Panarsa	Nagdhur	H43F2	197	Chargah Bila Darakhtan	4.45
33	Mandi	Mandi	Sadar Mandi	Panarsa	Nagdhur	H43F2	778/123	Chargah Bila Darakhtan	3.4
34	Mandi	Mandi	Sadar Mandi	Panarsa	Nagdhur	H43F2	807/692	Chargah Bila Darakhtan	4.37
35	Mandi	Mandi	Sadar Mandi	Panarsa	Nagdhur	H43F2	809/392	Chargah Bila Darakhtan	4.13
36	Mandi	Mandi	Sadar Mandi	Panarsa	Nagdhur	H43F2	819/391	Chargah Bila Darakhtan	5.74
37	Mandi	Mandi	Sadar Mandi	Kataula	Nandai	H43F1& H43E13	702/355	Chargah Bila Darakhtan	5.18
38	Mandi	Mandi	Sadar Mandi	Kataula	Segli	H43F1	297	Chargah Bila Darakhtan	4.29

39	Mandi	Mandi	Sadar Mandi	Kataula	Suhda	H43F1	199	Chargah Bila Darakhtan	38.83
40	Mandi	Mandi	Sadar Mandi	Kataula	Suhda	H43F1	412/339	Chargah Bila Darakhtan	8.41
41	Mandi	Mandi	Sadar Mandi	Pararsa	Suma	H43F2	52	Chargah Bila Darakhtan	26.62
42	Mandi	Mandi	Sadar Mandi	Pararsa	Suma	H43F2	234	Chargah Bila Darakhtan	3.32
43	Mandi	Mandi	Sadar Mandi	Pararsa	Suma	H43F2	239	Chargah Bila Darakhtan	7.69
44	Mandi	Mandi	Sadar Mandi	Pararsa	Thatta	H43F2	785	Chargah Bila Darakhtan	2.67
45	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1341/1000	Chargah Bila Darakhtan	13.51
46	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1412/1013	Chargah Bila Darakhtan	10.52
47	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1414/1032	Chargah Bila Darakhtan	3.48
48	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1483/1240	Chargah Bila Darakhtan	2.99
49	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1487/1253	Chargah Bila Darakhtan	4.61
50	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1488/1253	Chargah Bila Darakhtan	8.01
51	Mandi	Mandi	Sadar Mandi	Kataula	Tihri	H43F1	1494/339	Chargah Bila Darakhtan	3.96
									473.49

DATE: 20.12.19
PLACE: Kotli


Divisional Forest Officer
Joginder Nagar Forest Division
Kotli, Distt. Mandi (H.P.)


General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)


Divisional Forest Officer
Joginder Nagar Forest Division
Joginder Nagar (H.P.)

Full Title of the Project : Diversion of 406.79 ha. of Forest land in favour of Himachal Pradesh Power Corporation, Ltd., Thana Plaun & Triveni Mahadev HEPs, HPPCL, Tehsil Kotli, Distt. Mandi, HP for the construction of Thana Plaun (191MW) HEP within the jurisdiction of Jogindernagar and Mandi Forest Divisions, Distt. Mandi. H.P.

Proposal No. : FP/HP/HYD/8255 /2014

Proposal: November 29th, 2014

CHECKLIST 16

DETAILS OF FOREST LAND/ GOVT. LAND IDENTIFIED FOR COMPENSTAORY AFFORESTATION

JOGINDERNAGAR FOREST DIVISION

#	District	Forest Division	Tehsil	Range	Muhul	Survey Sheet No.	Khasra No.	Legal Status	Area in Ha.
1	Mandi	Karsog	Karsog	Pangna	Jammu	H43F3	25	Chargah Bila Darakhtan	38.75
2	Mandi	Karsog	Karsog	Pangna	Jammu	H43F3	546	Chargah Bila Darakhtan	16.83
3	Mandi	Karsog	Karsog	Pangna	Jammu	H43F3	554	Chargah Bila Darakhtan	10.28
4	Mandi	Karsog	Karsog	Pangna	Jammu	H43F3	552	Chargah Bila Darakhtan	23.87
5	Mandi	Karsog	Karsog	Pangna	Jammu	H43F3	548	Chargah Bila Darakhtan	28.07
6	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	2	Chargah Bila Darakhtan	16.1
7	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	88	Chargah Bila Darakhtan	3.32
8	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	612	Chargah Bila Darakhtan	32.44
9	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	964	Chargah Bila Darakhtan	3.8
10	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	2205/611	Chargah Bila Darakhtan	14.48
11	Mandi	Karsog	Karsog	Pangna	Sawindhar	H43F3	2229/2209	Chargah Bila Darakhtan	8.33
12	Mandi	Karsog	Karsog	Pangna	Kot/114	H43F3	373	Chargah Bila Darakhtan	11.73
13	Mandi	Mandi	Kataula	Kataula	Bambola	H43F1	207	Chargah Bila Darakhtan	8.74
14	Mandi	Mandi	Kataula	Kataula	Bambola	H43F1	210	Chargah Bila Darakhtan	16.99
15	Mandi	Mandi	Kataula	Kataula	Bambola	H43F1	244	Chargah Bila Darakhtan	3.56
16	Mandi	Mandi	Kataula	Kataula	Suran	H43F1	139	Chargah Bila Darakhtan	17.64
17	Mandi	Mandi	Kataula	Kataula	Suran	H43F1	215	Chargah Bila Darakhtan	2.83
18	Mandi	Mandi	Kataula	Kataula	Solang	H43F1	414	Chargah Bila Darakhtan	4.13
19	Mandi	Mandi	Kataula	Kataula	Solang	H43F1	419	Chargah Bila Darakhtan	6.07

20/20

20	Mandi	Jogindernagar	Jogindernagar	Neri Kotla	H43E1	738.718	Chargah Bila Darakhian	7.03
21	Mandi	Suket	Sundernagar	Barwada	H43E15	292	Chargah Bila Darakhian	8.00
22	Mandi	Suket	Sundernagar	Ganoh	H43E15	1040.992	Chargah Bila Darakhian	7.00
23	Mandi	Suket	Sundernagar	Ganoh	H43E15	550	Chargah Bila Darakhian	9.00
24	Mandi	Suket	Sundernagar	Koon	H43E15	318	Chargah Bila Darakhian	5.00
25	Mandi	Suket	Sundernagar	Kunah	H43E15	434	Chargah Bila Darakhian	6.00
26	Mandi	Suket	Sundernagar	Kanohar	H43E15	882	Chargah Bila Darakhian	6.00
27	Mandi	Suket	Sundernagar	Bhalara	H43E15	174.291	Chargah Bila Darakhian	5.00
28	Mandi	Suket	Sundernagar	Naval	H43E15	167	Chargah Bila Darakhian	6.00
29	Mandi	Suket	Sundernagar	Fatehpur	H43E15	50.94	Chargah Bila Darakhian	10.00
30	Mandi	Suket	Sundernagar	Shashtur	H43E15	376	Chargah Bila Darakhian	5.00

341.99

Say 342 hectares

DATE: 20.12.19
PLACE: Kotli

Divisional Forest Officer
Jogindernagar Forest Division, Mandi (H.P.)

General Manager
TM & TP HEPs HPPCL
Kotli, Distt. Mandi (H.P.)

Divisional Forest Officer
Jogindernagar Forest Division
Jogindernagar (H.P.)

243