

No.Ft.48-3705/2017(FCA),
H.P. Forest Department

From: Nodal Officer-cum-CCF (FCA)
O/o Pr.CCF, H.P, Shimla-1.

To: The Assistant Inspector General of Forests (Central),
Govt. of India, Ministry of Environment, Forests & Climate Change,
(Forest Conservation Division),
Indira Paryavaran Bhawan, Aliganj, Jor Bagh Road,
New Delhi: 110003.

Dated Shimla-1, the

Subject: **Proposal for seeking prior approval of the Central Government under Section 2 of the Forest Conservation Act, 1980 for diversion of 397.8863 hectare of forest land in favour of SJVN Ltd for the construction of Sunni Dam Hkydroelectric Project (382 MW) within the jurisdiction of Shimla, Kotgarh and Karsog Forest Division, in Shimla and Mandi District, H.P. (Proposal No. FP/HP/HYD/31019/2017).**


Sir,

Kindly refer to your office letter No. 8-07/2021-FC dated 29.06.2022 on the subject cited above.

2 In this regard, it is, submitted that now 50 hectare of degraded forest land in D-216 Bhallon & another patch of 5 hectare of degraded forest land in R-44 Jhanai C 1 in Dharampur Range of Solan Forest Division has been identified for CA. Toposheet, digital maps, CA schemes, Site Suitability Certificate & KML file of CA sites are enclosed herewith for favour of your kind information and further necessary action please.

Yours faithfully,

Encls: As above.


Nodal Officer-cum-APCCF(FCA)
O/o Pr.CCF, H.P, Shimla.

CHECK LIST SERIAL NUMBER:-17

SCHEME FOR COMPENSATORY AFFORESTATION

Location Map of Non Forest/Degraded Forest Area identified for Compensatory Afforestation in lieu of Proposal for diversion of land measuring **397.8863** hectare forest land for "Construction of Sunni Dam Hydroelectric Project (382MW) within the jurisdiction of Shimla Kotgarh and Karsog Forest Division, in District Shimla and Mandi, HP.

Details of degraded forest land/ non-forest land:-

District: **Solan**

Village: **R-44 Jhanai C1**

Tehsil:- **Kasauli**


Range: **Dharampur**

Name of Forest Division: **Solan**

Block/Compartment/Survey No. 53F/1/SW / **R-44 Jhanai C1.**

Area to be afforested:- **5.5** hect.


Range Forest Officer
Dharampur Forest Range
Dharampur, Distt. Solan (H.P.)


(Shreshtha Nand)HPFS
Divisional Forest Officer,
Solan Forest Division, Solan (H.P.)

CHECK LIST SERIAL NUMBER:-17

SCHEME FOR COMPENSATORY AFFORESTATION

Location Map of Non Forest/Degraded Forest Area identified for Compensatory Afforestation in lieu of Proposal for diversion of land measuring **397.8863** hectare forest land for "Construction of Sunni Dam Hydroelectric Project (382MW) within the jurisdiction of Shimla Kotgarh and Karsog Forest Division, in District Shimla and Mandi, HP.

Details of degraded forest land/ non-forest land:-

District: **Solan**

Village: **D-216 Bhallon**

Tehsil:- **Kasauli**


Range: **Dharampur**

Name of Forest Division: **Solan**

Block/Compartment/Survey No. **53F/1/SW/ D-216 Bhallon.**

Area to be afforested:- **50** hect.


Range Forest Officer,
Dharampur Forest Range
Dharampur, Distt. Solan (H.P.)


(Shreshtha Nand)HPFS
Divisional Forest Officer,
Solan Forest Division Solan,
Solan Forest Division, Solan (H.P.)


Checklist-18

Full Title of Project : Construction of Sunni Dam HEP (382 MW)

LAND SUITABILITY CERTIFICATE BY DFO CONCERNED

This is to certify that 5.5 hect. land bearing Survey No./Compartment No. 53F/1/SW of R-44 Jhanai C1 of Dharampur Forest Range, Tehsil Kasauli District Solan, H.P. is identified for Compensatory Afforestation is suitable for plantation from management point of view and is free and all sorts of encumbrances and encroachment.


Range Forest Officer
Dharampur Forest Range
Dharampur, Distt. Solan (H.P.)


(Shreshtha Nand) HPFS
Divisional Forest Officer,
Solan Forest Division, Solan (H.P.)
Solan Forest Division Solan.


Checklist-18

Full Title of Project : Construction of Sunni Dam HEP (382 MW)

LAND SUITABILITY CERTIFICATE BY DFO CONCERNED

This is to certify that **50** hect. land bearing Survey No./Compartment No. 53F/1/NW of D-216 Bhallon of Dharampur Forest Range, Tehsil Kasauli District Solan, H.P. is identified for Compensatory Afforestation is suitable for plantation from management point of view and is free and all sorts of encumbrances and encroachment.


Range Forest Officer
Dharampur Forest Range
Dharampur, Distt. Solan (H.P.)


(Shreshtha Nand)HPFS
Divisional Forest Officer,
Solan Forest Division, Solan (H.P.)

SCHEME FOR COMPENSATORY AFFORESTATION IN RESPECT OF SOLAN FOREST DIVISION.

The Bill Towards the Compensatory Afforestation (CA) Pertaining to Construction of Sunni Dam HEP on Satluj River Jurisdiction of Shimla, Kotgarh & Karsog Forest Division.

G. ABSTRACT						
Sr. No.	PARTICULARS	AREA IN HAC	Rate/ per ha.	AMOUNT		
1.	Compensatory Plantation cost FOR 55.5 hac.	55.5 hac.	83,660-00	46,43,130.00		
2.	Maintenance cost of Ist. Year	55.5	9,100.00	5,05,050.00		
3.	Maintenance cost of II nd . Year	55.5	6,140.00	3,40,770.00		
4.	Maintenance cost of III rd . Year	55.5	3,180.00	1,76,490.00		
5.	Maintenance cost of IV th Year	55.5	3,180.00	1,76,490.00		
6.	Maintenance cost of V th Year	55.5	3,180.00	1,76,490.00		
7.	Maintenance cost of VI th Year	55.5	3,180.00	1,76,490.00		
8.	Maintenance cost of VII th Year	55.5	3,180.00	1,76,490.00		
9.	Maintenance cost of VIII th Year	55.5	3,180.00	1,76,490.00		
10.	Maintenance cost of IX th Year	55.5	3,180.00	1,76,490.00		
11.	Maintenance cost of X th Year	55.5	3,180.00	1,76,490.00		
			Total	69,00,870.00		
	Add Nursery Cost for Plantation			10,08,788.00		
			Total	79,09,658.00		
	Increase 25% Cost of CA for Soil and Moisture Conservation (SMC)			19,77,415.00		
			Total	98,87,073.00		
			Add. Contingencies @ 5%	4,94,354.00		
			Total	1,03,81,427.00		
			Add Deptt. Charges @ 17.50%	18,16,750.00		
			G. Total	1,21,98,177.00		

Note:- The rates are inclusive of planting, fencing and plants cost for the year 2021-22.


Divisional Forest Officer
Solan Forest Division, Solan

UNDERTAKING

Against condition at Sr. No. 2 of Part-B of letter bearing File No. 8-07/2021-FC, dated 22nd December, 2021 conveying Stage-I "In-Principle" approval under the Forest (Conservation) Act, 1980 by MoEF&CC, it is hereby undertaken that CA over degraded-forest Govt. land, double in extent, to the forest land being diverted, shall be raised by the State Forest Department at the project cost within three years from the date of grant of Stage - II approval. As far as practicable a mixture of local indigenous species will be planted and monoculture of a species has to be avoided.

Date:

Place:


Divisional Forest Officer,
State Forest Division, Solan (H.P.)

UNDERTAKING

Against condition at Sr. No. 11 of Part-B of letter bearing File No. 8-07/2021-FC, dated 22nd December, 2021 conveying Stage-I "In-Principle" approval under the Forest (Conservation) Act, 1980 by MoEF&CC, it is hereby undertaken that the State government will carry out adequate Soil and Moisture Conservation works in the catchment area (e.g. stop dams, sunken pits, contour trenches, percolation pits, etc.) to gets enough recharge of water. These works would be in addition to the plantation proposed to be done under CA.

Date:

Place:


Divisional Forest Officer,
Solam Forest Division Solan

TO WHOM IT MAY CONCERN

It is certified that no plantation activities have been carried out by Forest Department under scheme / Plan/ programme on proposed CA area D-216 Bhallon 50hac. & 5.5 hac. in R-44 Jhanai C1 in Dharampur Range of Solan Forest Division in last 10 years.



(Shreshtha Nand)HPFS
Divisional Forest Officer,
Solan Forest Division, Solan (H.P.)

INSPECTION NOTE OF SHRESHTHA NAND ,HPFS DIVISIONAL FOREST OFFICER ,SOLAN

Name of Range : Dharampur

Date of inspection: 01.7.2022

Area: R-44 Jhanai C1 and D-216 Bhallon

I have personally inspected the area selected for CA plantation i.e D-216 Bhallon 55.5 ha in which it has been observed by the MoEFCC that the area is having MDF. Now 50 ha of D-216 Bhallon and 5.5 ha of R-44 Jhanai C1 has been identified as land bank for CA which is suitable for plantation. The area having 70% infestation of lantana hence required removal of lantana first followed by plantation.

(Shareshtha Nand) HPFS
Divisional Forest Officer .
Solon Forest Division Solan

Endst No _____ dated Solan the , _____

1. Copy submitted to CF Solan for favour of information and necessary action please.
2. R.O Dharampur for favour of information and necessary action.

(Shareshtha Nand) HPFS
Divisional Forest Officer,
Solon Forest Division, Solan (H.P.)

TO WHOM IT MAY CONCERN


It is certified that proposed compensatory afforestation site D-216 Bhallon and R-44 Jhanai C1 (55.5 hac.) in Dharampur Range of Solan Forest Division is suitable for plantation, do not include MDF/VDF and do not overlap with any other area.

Date:

Place : Dharampur



**Divisional Forest Officer,
Solan Forest Division, Solan (H.P.)**


Range Forest Officer
Dharampur Forest Range
Dharampur, Distt. Solan (H.P.)

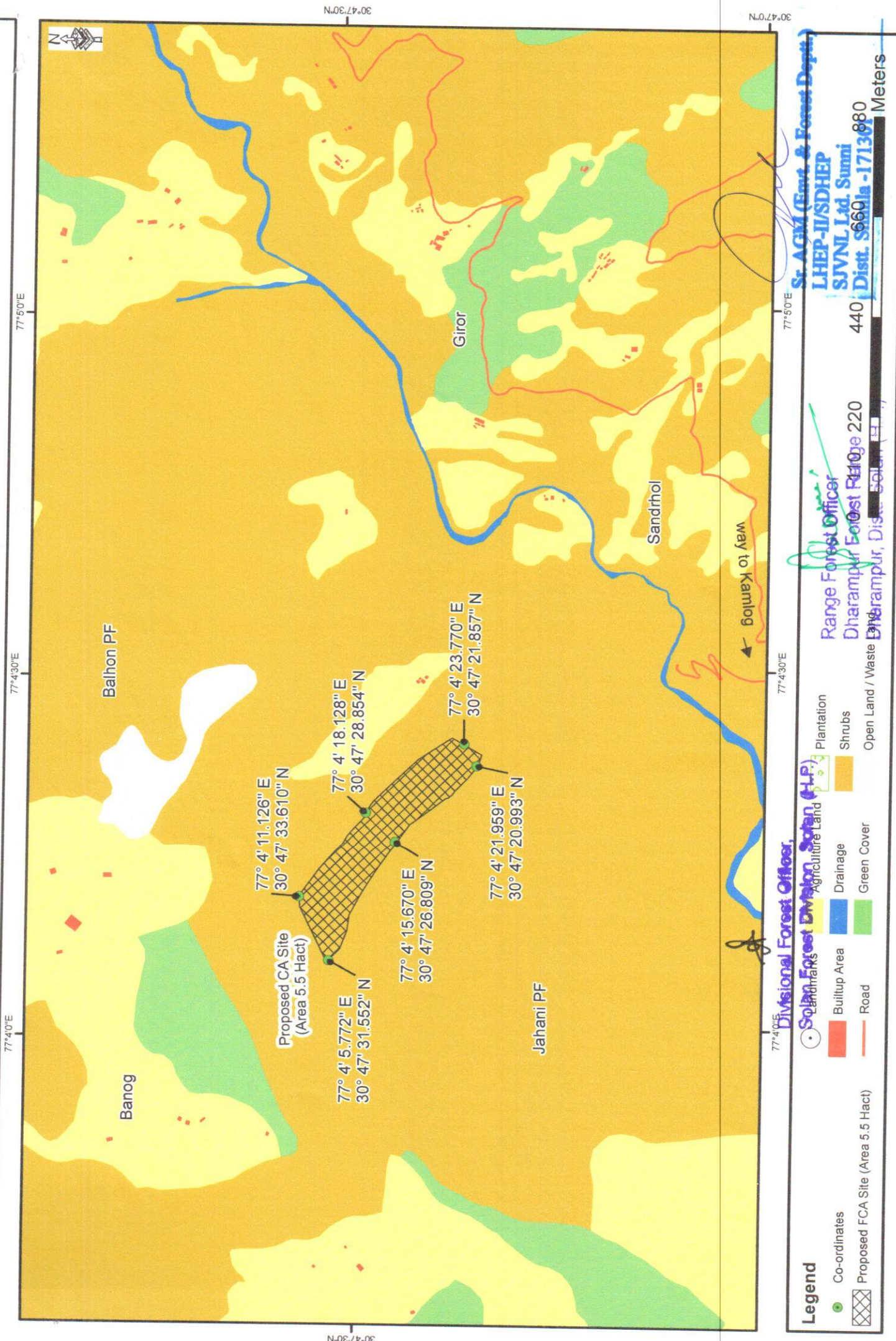
Estimate of Lantana Eradication work in CA New Plantation area in D-216 Bhalon 50ha. and 5.5 ha of R-44 Jhanai
 C1 Forest in Joharji Beat and Block Dharampur Forest Range during the year 2021-22. Detail as under:-

Sr. No.	Particulars	Qty.	Rate/Ha.	Amount
	Lantana Eradication work infested upto 75% area 55.5 ha. @ 2021-22.			
1.	Lantana eradication infested up to 75% by CRS method 2021-22	55.5	36,600.00	20,31,300.00
2.	1 st Maintenance of Lantana Eradication 2023-24	55.5	8,000.00	4,44,000.00
3.	2 st Maintenance of Lantana Eradication 2024-25	55.5	4920.00	2,73,060.00
4.	3 st Maintenance of Lantana Eradication 2025-26	55.5	4920.00	2,73,060.00
	G. Total			30,21,420.00

Range Forest Officer
 Dharampur Forest Range
 Dharampur, Distt. Solan (H.P.)

Divisional Forest Officer
 Solan Forest Division, Solan (H.P.)

Digital Landuse and Landcover Map of Proposed CA Site at R-44 Jhanei (Area 5.5 Hact.) Dharampur Forest Range, Solan Forest Division
 in Respect of Sunni Dam HEP (382 MW) SJVNL



Legend

- Co-ordinates
- ▣ Proposed FCA Site (Area 5.5 Hact)
- Landmarks
- Builtup Area
- Road
- Agriculture Land
- Drainage
- Green Cover
- Plantation
- Shrubs
- Open Land / Waste Land

Divisional Forest Officer,
 Solan Forest Division (H.P.)
 Dharampur, Distt. Solan (H.P.)

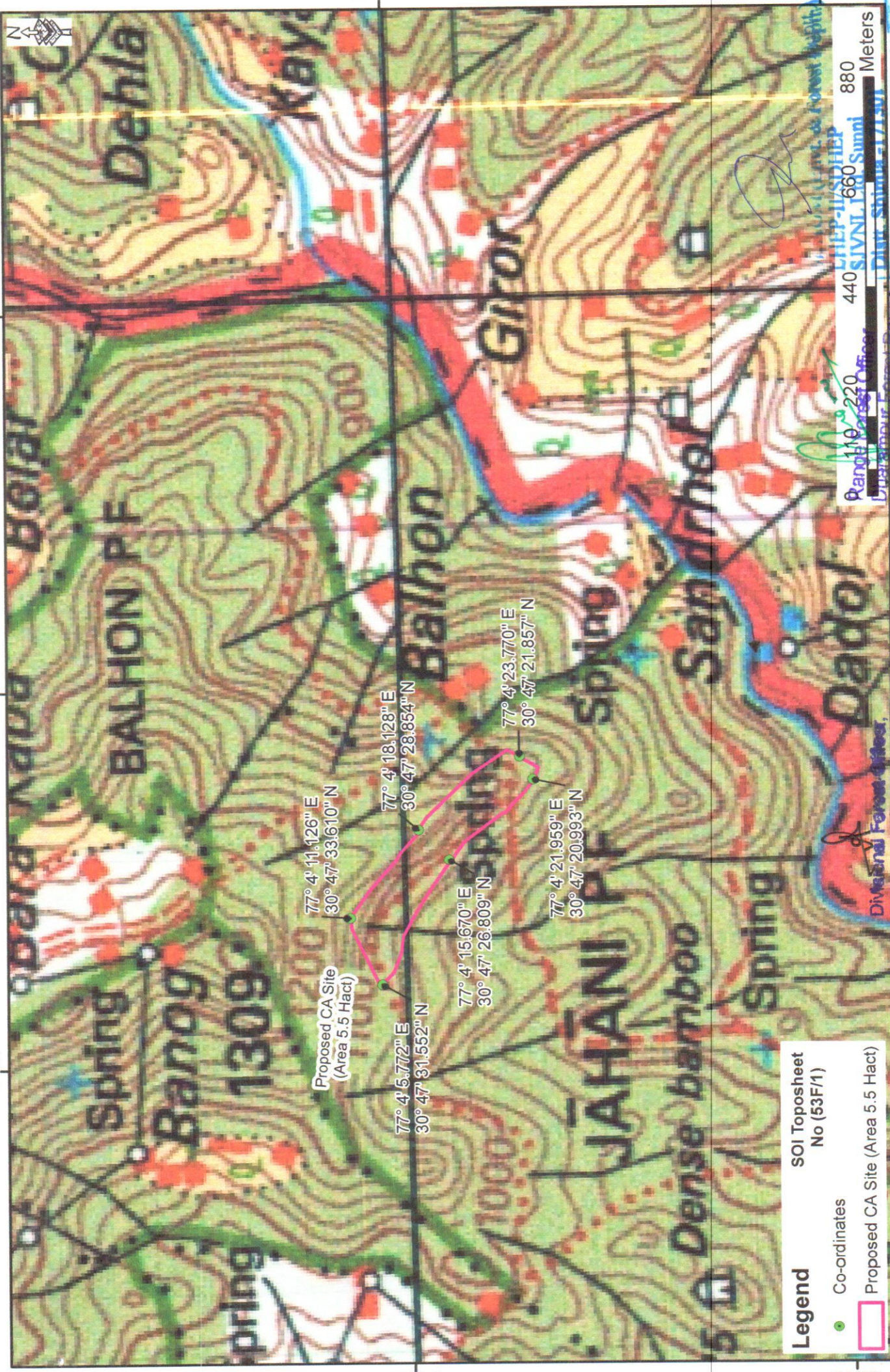
Range Forest Officer
 Dharampur Forest Range 220
 Dharampur, Distt. Solan (H.P.)

Sr. AGM (Emt. & Forest Deptt.)
 LHEP-II/SDHEP
 SJVNL Ltd. Sunni
 Distt. Solan-1713880

440 Meters

Digital Toposheet Map of Proposed CA Site at R-44 Jhanei (Area 5.5 Hact.) Dharampur Forest Range, Solan Forest Division
 in Respect of Sunni Dam HEP (382 MW) SJVNL

77°40'E 77°50'E



Legend

- Co-ordinates
- Proposed CA Site (Area 5.5 Hact)

SOI Toposheet No (53F/1)

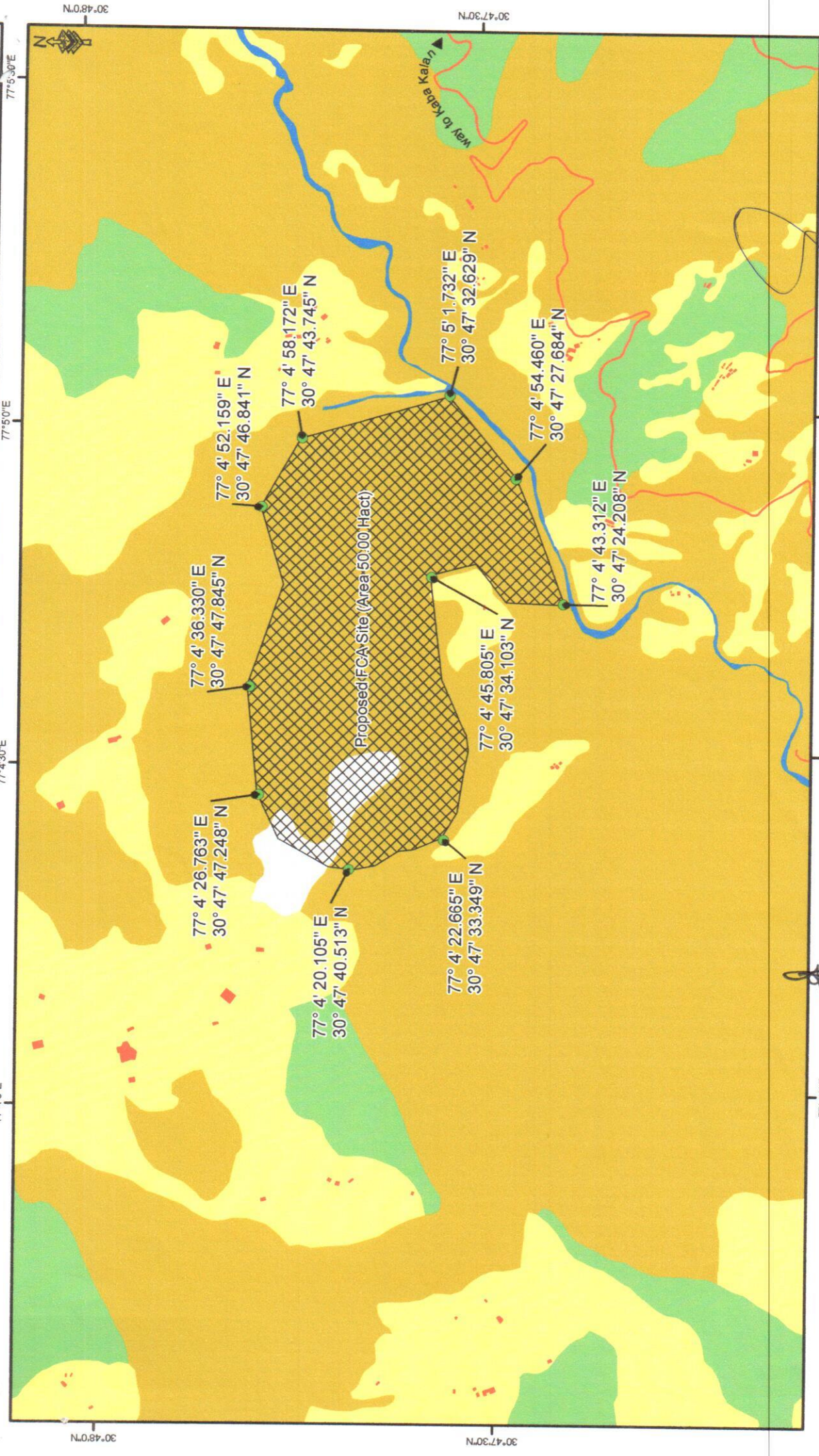
30°47'0"N 30°47'30"N 30°47'0"E 77°40'E 77°50'E

Range Forest Officer
 Dharampur Forest Range
 Dharampur, Distt. Solan

880 Meters

440 660

Digital Landuse and Landcover Map of Proposed CA Site at D-216 Bhallon (Area 50.00 Hact.) Dharmpur Forest Range, Solan Forest Division
 In Respect of Sunni Dam HEP (382 MW) SJVNL



Legend

- Co-ordinates
- ▨ Proposed FCA Site (Area 50.00 Hact)
- Land Use / Waste Land
- Builtup Area
- Road
- Agriculture Land (A.P.)
- Drainage
- Green Cover
- Shrub
- Open Land / Waste Land
- Plantation

Divisional Forest Officer,
Solan Forest Range (A.P.)

Range Forest Officer 125 250 500 Meters
Dharmpur Forest Range
Dharmpur, Distt. Solan

Sr. A.C.M. (Envt & Forest Dept.)
LHEP-II/SDHEP
SJVNL Ltd. Sunni
500 Distt. Solan - 171301000

Digital Toposheet Map of Proposed CA Site at D-216 Bhallon (Area 50.0 Hact.) Forest Range Dharmpur, Solan Forest Division in Respect of Sunni Dam HEP (382 MW) SJVNL



30°48'0"N

30°47'30"N

77°4'0"E

77°4'30"E

77°5'0"E

77°5'30"E

77°4'0"E

77°4'30"E

77°5'0"E

77°5'30"E

Legend

- SOI Toposheet No (53F/1)
- Coordinates
- Proposed CA Site (Area 50.00 Hactare)

Solan Forest Division, Solan (F.P.)
Range Forest Officer
Dharmpur Forest Range
Dharampur, Distt. Solan

Scale: 0 120 240 480 960 Meters