

From: Pr. Chief Conservator of Forests (HoFF),  
Himachal Pradesh, Shimla-1.

To: The Regional Officer,  
Integrated Regional Office GoI, MoEF&CC,  
CGO Complex, Shivalik Khand, Longwood,  
Shimla, Himachal Pradesh.

Dated Shimla-1, the **12 6 MAR 2022**

Subject: **Diversion of 4.6147 ha. of forest land in favour of HPPWD for the construction of Gani to Borani Nala road (Kms. 0/00 to 7/200), within the jurisdiction of Nachan Forest Division, Distt. Mandi, Himachal Pradesh. (Online No. FP/HP/Road/41345/2019)**

Sir,


Kindly refer to your office letter No.8B/HP/06/64/2020/F.C./424 dated 30.11.2021 on the subject cited proposal.

2. The pointwise reply to the observations as raised vide your above referred communication is submitted as below:-

1. The DFO concerned has revised the CA area. Hence revised CA scheme over 4 ha. alongwith site suitability certificate and KML file has been uploaded against the appropriate columns in online part-II. Copies of CA Scheme, Site suitability certificate are enclosed herewith.

Yours faithfully,

Encls:As above,

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

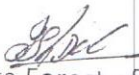
Title of the Project :- - Diversion of 4.6147 hectares of forest land in favour of HPPWD for the construction of Gani to Bhorni Nala road kms 0/00 to 7/200 with in the jurisdiction of Nachan Forest Division Distt. Mandi H.P.

CHECK LIST SERIAL NUMBER : 16

LOCATION MAP

Location Map of Non-Forest/degraded forest area identified for CA /Panal CA in Lieu of Proposal for Diversion ( under FCA-1980 ) of 4.6147 ha of forest land in favour of HPPWD for the construction of Gani to Bhorni Nala road kms 0/00 to 7/200 with in the jurisdiction of Nachan Forest Division Distt. Mandi H.P.

Name of Range :- Nachan  
Name of Block :- Dhangira block  
Name of Beat :- Budhragh  
Compartment No :- C-6  
Survey Sheet No :- 53 E/2/SE  
Forest :- Tungrassan DPF  
Area :- 4 ha

  
Range Forest officer  
Nachan Range Bassa

  
DIVISIONAL FOREST OFFICER  
NACHAN FOREST DIVISION  
GUJAR, DISTT. MANDI H.P.

File No.

FP/HP/ROAD/41345/2019

CHECK LIST SERIAL NUMBER: 17

**"SCHEME FOR COMPENSATORY AFFORESTATION"**

Detailed scheme for Compensatory Afforestation and its maintenance for 10 year to be carried out in lieu of 4.6147 ha, of forest area to be diverted for Construction of Gani To Bhorani Nala Road (km 0/00 to 7/200) within the jurisdiction of Nachan Forest Division, Distt. Mandi, HP.

**1. Details of degraded forest land /non-forest land.**

District: Mandi

Village: Tungrasan PF

Tehsil: Chachayot

Distt. : Mandi

Name of Forest Division: Nachan.

Range : Nachan

Block/ Compartment/ Survey No. 53E/02/SE.

Area to be afforested: **4.000 hact.**

**2. Description of the Area:-**

- i) Whether the site selected for Compensatory Afforestation is a land bank or not Yes.
  - ii) If the CA site is other than the land bank, reasons be given- No
  - iii) In case of non-forest area identified for CA, then what is the distance of Ca site from the adjoining forest boundary: Forest Area
  - iv) Soil type- Sandy Loam
  - v) Topography:
  - vi) (a) Hilly/ Undulating/ Plain - Hilly
  - vii) (b) Slope Steep/ Medium/Gentle Medium
  - viii) Whether the area is bearing any root stock of vegetation. Buses
3. Plantation Model Copy of the approved Compensatory Afforestation Scheme /Model showing component wise physical and financial break up to be enclosed.
4. Estimate for Compensatory afforestation to be carried out in lieu of area diverted under FCA, 1980 (For one hact. area)

A Compensatory Afforestation (1100) Plants/Ha) with RCC Fence Posts and 4 stand Barbed wire Fencing as per letter No. Ft. State CAMPA/ 2010/ Norms/ Vol.II dated 21-06-2021 of Pr.CCF.(HoFF) HP.

-Cost per ha. (Exclusive of cost of plants)= 83,660/-

-Cost of plants (1100 No. i.e. 1100X19.78= 21,758/-

**-Total Cost = Rs. 1,05,418/-**



	Maintenance (Wages)	
1.	1 <sup>st</sup> Year Maintenance	9100
2.	2 <sup>nd</sup> Year maintenance	6140
3.	3 <sup>rd</sup> Year maintenance	3180
4.	4 <sup>th</sup> Year maintenance	3180
5	5 <sup>th</sup> Year maintenance	3180
6	6 <sup>th</sup> Year maintenance	3180
7	7 <sup>th</sup> Year maintenance	3180
8	8 <sup>th</sup> Year maintenance	3180
9	9 <sup>th</sup> Year maintenance	3180
10	10 <sup>th</sup> Year maintenance	3180
	Total	40,680/-
	Total A+B	1,46,098/-
	For 4.00 hact. for CA	5,84,892/-/-
	Maintenance Cost of Plants	
	Add cost of plants 1 <sup>st</sup> year = 1320 Nos. (i.e 30% of total number planted in planting year), 2 <sup>nd</sup> year= 880 Nos. (i.e 20% of total number planted in planting year), 3 <sup>rd</sup> year =440 (i.e 10% of total number planted in planting year) Total- 2640 Nos @ 19.78/- per plants	52,219/-
C	Soil Conservation Works	
	Vegetative, Dry Stone, Brushwood check dam	30,000/-
D	Lantana Eradication works I/C maintenance	22,000/-
	Total cost per hect. i.e A+B++C+D: 105418+40680+30000+22000=	1,98,098/-
	For 4.00 hect for CA Wages	7,92,392/-
	<b>Total</b>	<b>8,44,611/-</b>
	Add 5% contingency charges	42,231/-
	<b>Total</b>	<b>8,86,842/-</b>
	Add 17.50 % Departmental charges	1,55,197/-
	<b>Total</b>	<b>10,42,039/-</b>

Year	Area	Rate/ha.	Total amount
0 <sup>th</sup> Year	4.00 ha.	105418/-	4,21,672/-
1 <sup>st</sup> Year	-do-	9100/-	36,400/-
2 <sup>nd</sup> Year	-do-	6140/-	24,560/-
3 <sup>rd</sup> Year	-do-	3180	12,720/-
4 <sup>th</sup> Year	-do-	3180	12,720/-
5 <sup>th</sup> Year	-do-	3180	12,720/-
6 <sup>th</sup> Year	-do-	3180	12,720/-
7 <sup>th</sup> Year	-do-	3180	12,720/-
8 <sup>th</sup> Year	-do-	3180	12,720/-
9 <sup>th</sup> Year	-do-	3180	12,720/-
10 <sup>th</sup> Year	-do-	3180	12,720/-
Total A(i)			5,84,392/-
(A-ii) Cost of Plants 1200 Nos.	19.78		52,219/-
<b>Total-A</b>			<b>6,36,611/-</b>
B(i) Soil conservation works	4.00	30000/-	1,20,000/-
B (ii) Lantana eradication	4.00	22000/-	88,000/-
<b>Total -B</b>			<b>2,08,000/-</b>
<b>Total A+B</b>			<b>8,44,611/-</b>
Contingency @ 5%			42,231/-
<b>Total</b>			<b>8,86,842/-</b>
Department charges @ 17.5%			1,55,197/-
<b>Total</b>			<b>10,42,039/-</b>

4. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- General details:- Plantation will be done through Pit method as per plantation norms.
- Spacing:- Pits of size 45 x 45 x 45 cm and 30x30x30 cm will be used for planting of 60% naked root stock and 40% P/Bag stock.
- Species Based on locality/ site factors, local demand of people and will be mostly -Ban (Quercus leucotrichophora) Daru ( Punica granapum) Kachnar (Bauhinia variagata) Ambla (Phyllanthus emblica).
- Plantation Method:- Pit planting method.
- Soil and Moisture Conservation Works:- 25% of afforestation cost.
- Protection (Fencing Watchman, People's participation etc);- B/wire fencing using concrete same posts.
- Proposed monitoring Mechanism:- By higher authority, Monitoring and Evaluation and divisional level.
- Any other information:- nil

Divisional Forest Officer,  
Forest Division, Nachan,  
Guhar, Distt. Mandi (H.P.)



HP.PWD for the Construction of Gani To Bhorani Nala Road (km 0/00 to 7/200), with in the jurisdiction of Nachan Forest Division, Distt. Mandi, HP.

CHECK LIST SERIAL NUMBER: 18

**LAND SUITABILITY CERTIFICATE BY THE DFO**

This is to certify that 4.000 ha. land bearing Survey No/ Compartment No. 53E/2/SE Tungrasan DPF C-6 of Dhangira, Block Nachan Range Nachan Forest Division , District Mandi HP is identified for Compensatory Afforestation is suitable for plantation from the management point of view and is free from all sorts of encumbrances and encroachments.

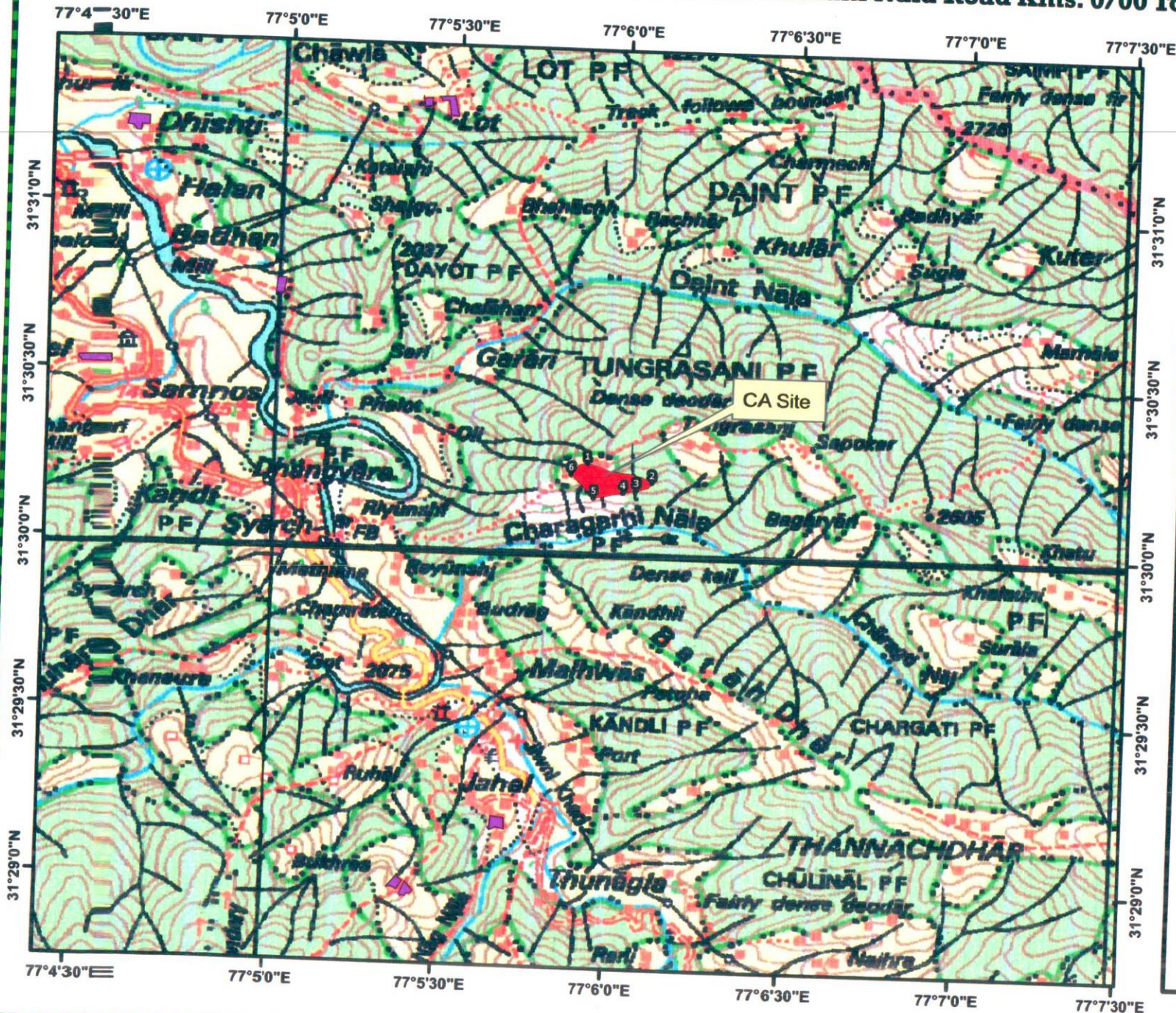
Place: Nachan

Dated 09-02-2022

  
**Divisional Forest Officer**  
NACHAN FOREST DIVISION  
GOHAR, DISTT. MANDI (HP)  
**Nachan Forest Division,**  
**At Gohar.**



# Toposheet Map of Construction of Gani To Bhorani Nala Road Kms. 0/00 To 7/200 ( CA Site 4.000 HA



## Legend CA Site ( 4.000 HA



- SH-Road
- Agriculture Land
- Forest Land
- R
- S

Sr.No.	Latitude	Longitude
1	31.504228°	77°
2	31.503381°	77°
3	31.502981°	77°
4	31.502840°	77°
5	31.502538°	77°
6	31.503672°	77°

DIVISIONAL FOREST OFFICER  
NACHAN FOREST DIVISION  
GOHAR, DISTT. MANDI (H.P.)

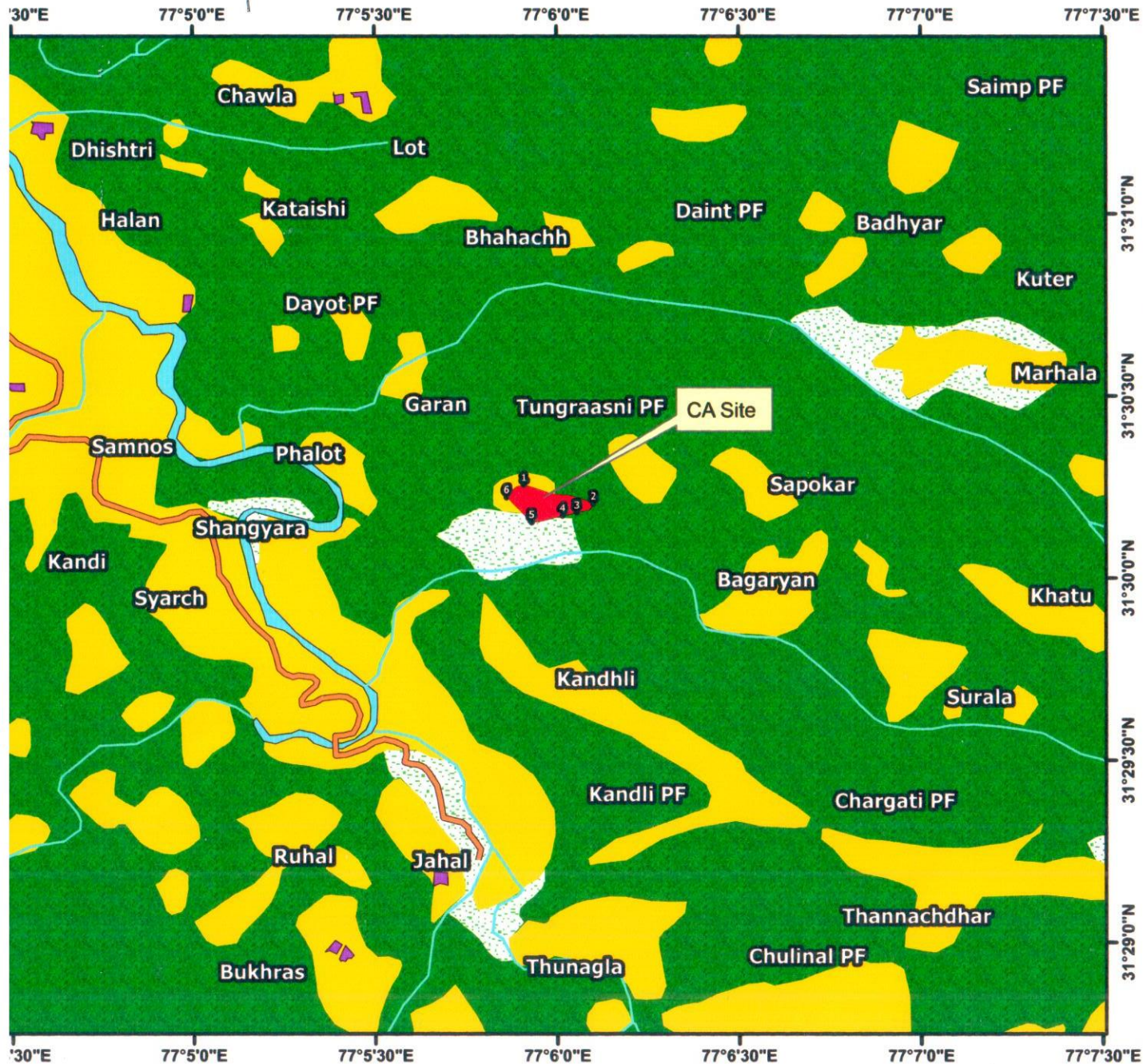
Range Fore  
Nachan  
Bassa Dist. M

Executive Engineer  
Gohar Division (B&R)  
H.P.P.W.D. Gohar.

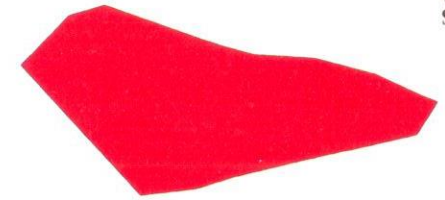
Toposheet No.:- 53E/2



# Referenced Land Use Map of Construction of Gani To Bhorani Nala Road Kms. 0/00 To 7/200 ( CA Site 4.000 HA )



## **Legend** CA Site ( 4.000 HA )



- SH-Road
- Agriculture Land
- Forest Land
- River
- Scrub Land
- Settlement

Sr.No.	Latitude	Longitude
1	31.504228°	77.098483°
2	31.503381°	77.101651°
3	31.502981°	77.100904°
4	31.502840°	77.100255°
5	31.502538°	77.098832°
6	31.503672°	77.097686°

**DIVISIONAL FOREST OFFICER**  
NACHAN FOREST DIVISION  
GOHAR, DIST. MANDLA (M.P.)

*[Signature]*  
Executive Engineer  
Gohar Division (B&R)  
H.P.W.D. Gohar

**NARESH**  
70182-26500  
GIS MAPPING & PCA CONSULTANCY

**Toposheet No.:- 53E/2/SE**