

No. 8131 /
HP Forest Department

Dated Gohar, the 10/01/2013

From: DFO Nachan

To: C.C.F. Mandi.

Subject:

Diversion of 4.6147 ha. of forest land in favour of HPPWD for the construction of Gani to BhorniNala Road within the jurisdiction of Nachan Forest Division Nachan at Gohar Distt. Mandi, HP.

Memo,

Please refer to your endst. No 5331 dated 13.09.2012 on the subject cited above.

2. The observations pointed out in the diversion case have been attended. The point wise information submitted as under :-

1. The observation has been attended U/A
2. NPV has been revised and copy enclosed .
3. The observation has been attended U/A
4. Penal NPV has been revised and copy enclosed .
- 5&6 The observations have been attended & copies enclosed .

The documents in triplicate are submitted for favour of information and further necessary action please.

Encl : As above

Divisional Forest Officer,
Nachan Forest Division at Gohar
GOHAR, DISTT. MANDI

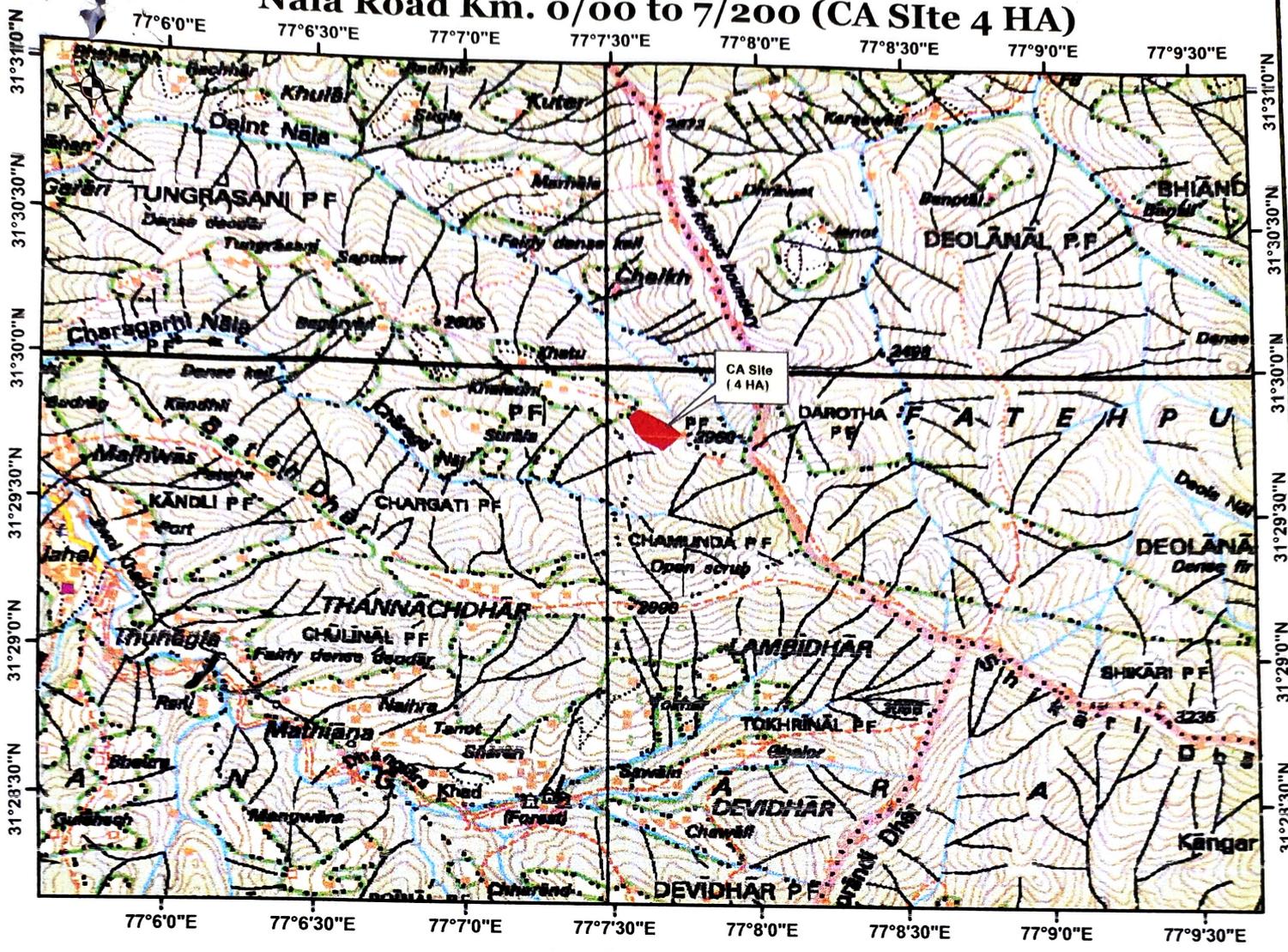
Endst. No. 8132 /

Dated Gohar, the 10/01/2013

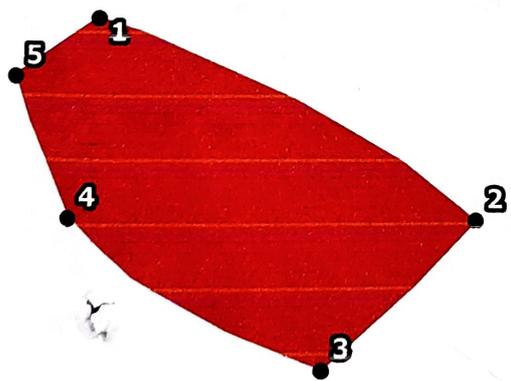
Copy is forwarded to Executive Engineer, Gohar Division (B&R) HPPWD Gohar Distt. Mandi HP for information and necessary action.

DIVISIONAL FOREST OFFICER,
NACHAN FOREST
GOHAR, DISTT. MANDI

Toposheet Map of Construction of Gani to Borani Nala Road Km. 0/00 to 7/200 (CA Site 4 HA)



CA Site (4 HA)



Sr.No.	Latitude	Longitude
1	31.497344°	77.126475°
2	31.496013°	77.128932°
3	31.495047°	77.127915°
4	31.496034°	77.126269°
5	31.496956°	77.125911°

Legend

- Water Body
- Agriculture Land
- Forest Land
- Scrub Land
- Settlement

[Signature]

Executive Engineer
Gohar Division
HP.PWD Gohar

[Signature]

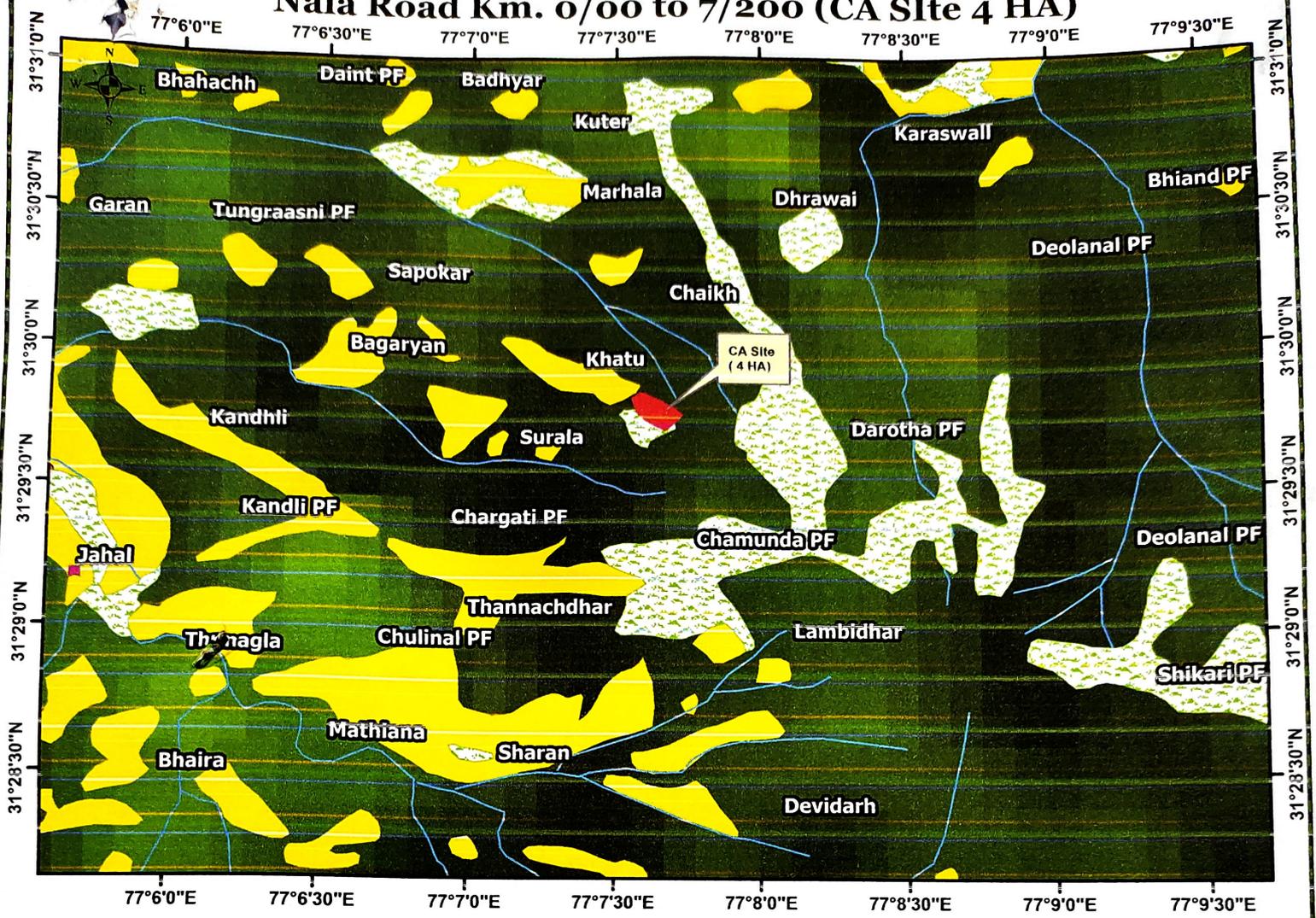
Divisional Forest Officer,
Nachan Forest Division
Gohar, Distt. Mandi (H.P.)

Toposheet No.:- 53E/02

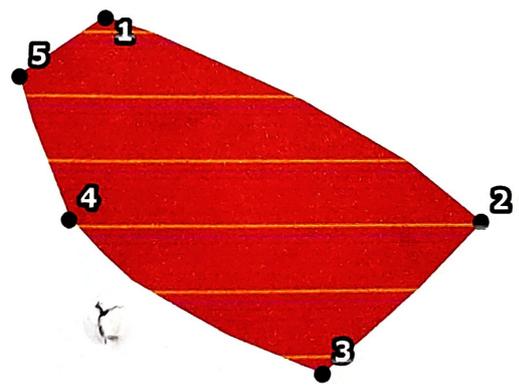
[Signature]
Range Forest Officer
Nachan Range
Mandi Distt. (H.P.)



Georeferenced Landuse Map of Construction of Gani to Bhorani Nala Road Km. 0/00 to 7/200 (CA Site 4 HA)



CA Site (4 HA)



Sr.No.	Laititude	Longitude
1	31.497344°	77.126475°
2	31.496013°	77.128932°
3	31.495047°	77.127915°
4	31.496034°	77.126269°
5	31.496956°	77.125911°

Toposheet No.:- 53E/02

Legend

- Water Body
- Agriculture Land
- Forest Land
- Settlement
- Scrub Land

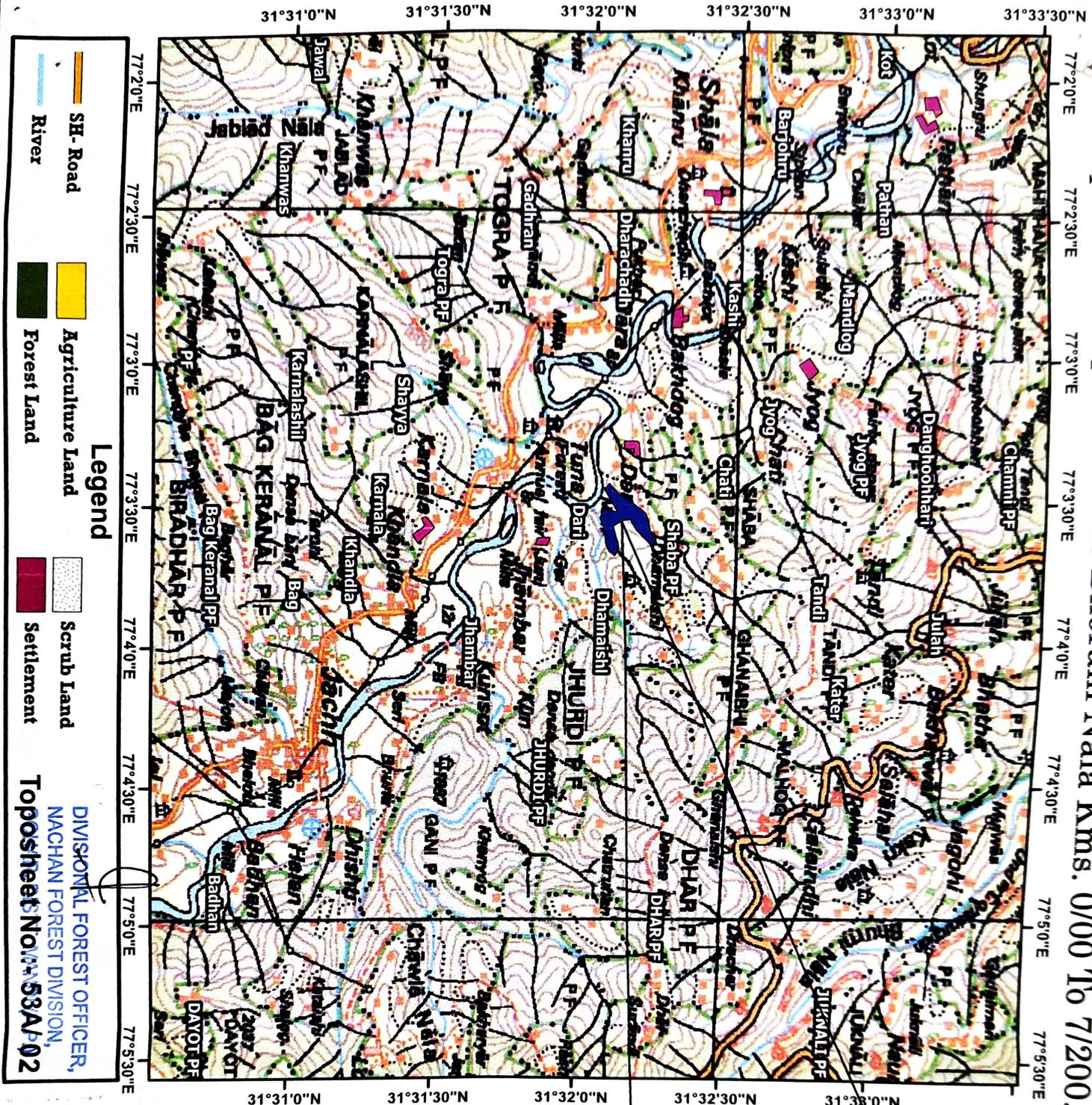
[Signature]
 Executive Engineer
 Gohar Division
 HP.PWD Gohar

[Signature]
 Divisional Forest Officer,
 Nachan Forest Division
 Gohar, Distt. Mandi (H.P.)

[Signature]
 Range Forest Officer
 Nachan Range
 Gohar Distt. Mandi (H.P.)



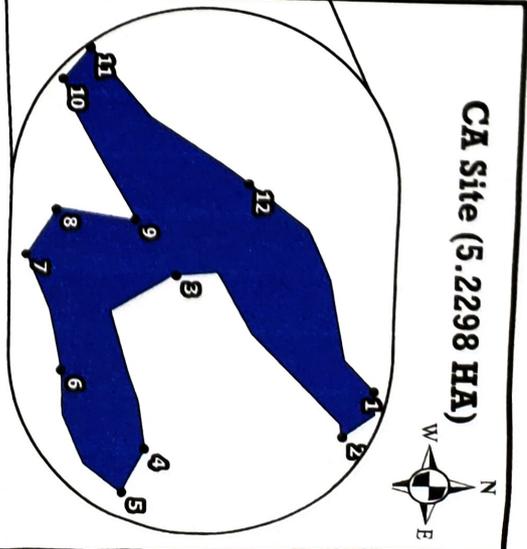
Toposheet Map of Gani To Bhorani Nala Kms. 0/00 To 7/200. (CA Site 5.2298 HA)



Legend

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

DIVISIONAL FOREST OFFICER,
NACHAN FOREST DIVISION,
Toposheet No. W-53AP-02



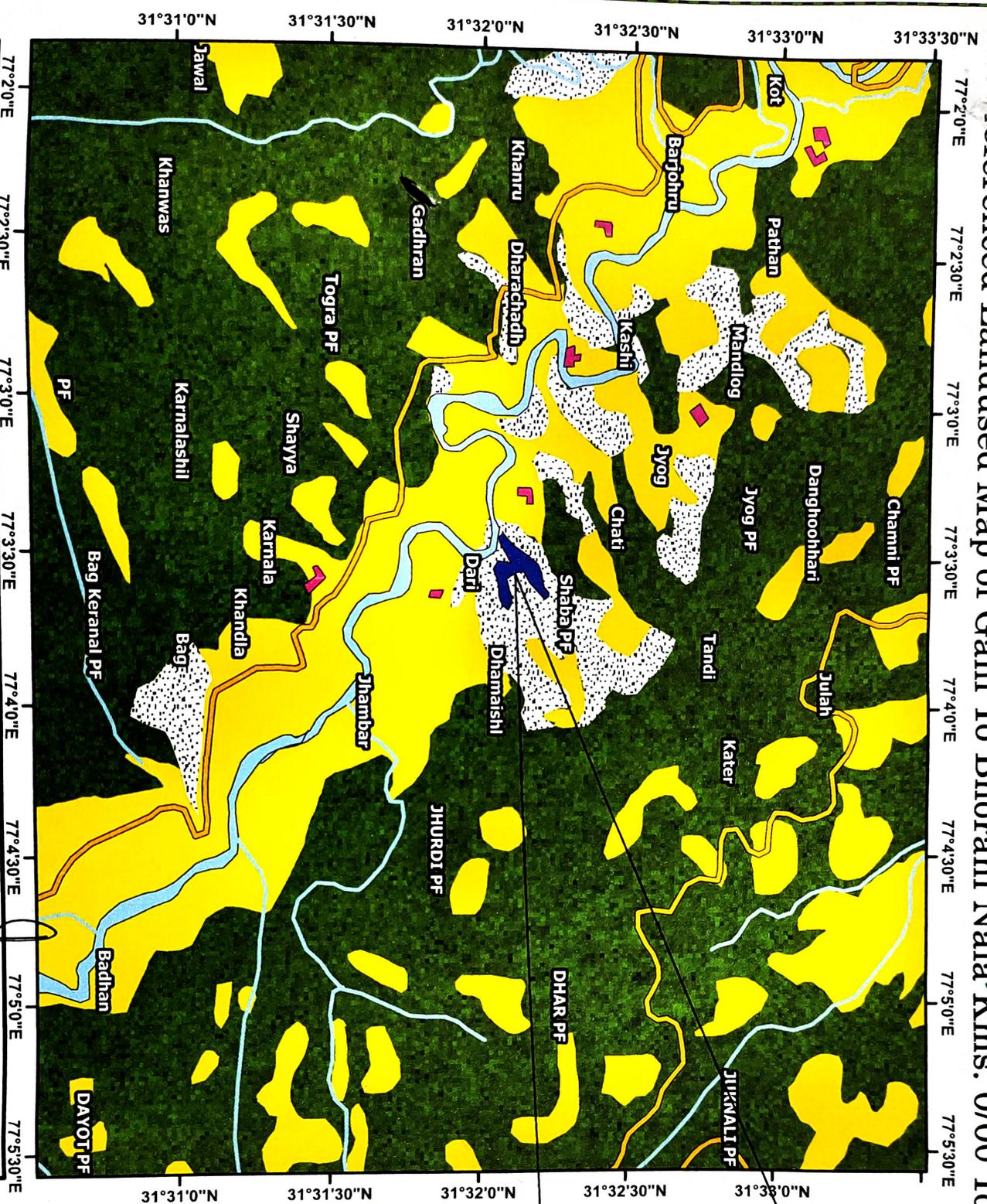
Sl. No	Latitude	Longitude
1	31.536977°	77.060245°
2	31.536697°	77.060673°
3	31.535194°	77.059172°
4	31.534930°	77.060820°
5	31.534732°	77.061241°
6	31.534173°	77.060095°
7	31.533847°	77.058993°
8	31.534103°	77.058547°
9	31.534814°	77.058638°
10	31.534142°	77.057299°
11	31.534383°	77.056995°
12	31.535833°	77.058265°

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

Atul Kumar
Range Forest Officer
Nachan Range
Bassa Distt. Mandi (H.P.)



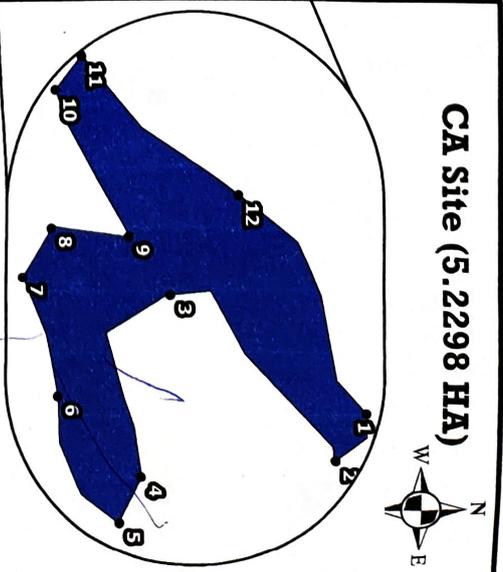
Geo-referenced Landused Map of Gani To Bhorani Nala Kms. 0/00 To 7/200. (CA Site 5.2298 HA)



Legend

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

DIVISIONAL FOREST OFFICER,
NACHAN FOREST DIVISION,
GOHAR DIST. MANDI (H.P.)
Toposheet No. 53A/02



Sr.No	Latitude	Longitude
1	31.536977°	77.060245°
2	31.536697°	77.060673°
3	31.536194°	77.059172°
4	31.534930°	77.060820°
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Executive Engineer
Gohar Division (B&R)
H.P. M.D. Gohar

Atul Kumar
Range Forest Officer
Nachan Range
Gohar Dist. Mandi (H.P.)

MARESH
70182-28500
GIS MAPPING & P.O. CONSULTANCY

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 :- Tuna block
 Name of Beat :- Jeog
 Compartment No :- Whole
 Survey Sheet No :- 53 A/02
 Forest :- Dari DPF
 Area :- 5.2298 ha

Shakur
 Range Forest officer
 Nachan Range Bassa

[Signature]
 Divisional Forest Officer,
 NACHAN FOREST DIVISION,
 GOHAR, DISTT. MANDI (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.

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Name of Range :- Nachan
 Name of Block :- Dhangiarra block
 Name of Beat :- Budhragh
 Compartment No :- C2b
 Survey Sheet No :- 53 E/02
 Forest :- Charagti DPF
 Area :- 4 ha

Shankar
 Range Forest officer
 Nachan Range Bassa

[Signature]
 Divisional Forest Officer,
 NACHAN FOREST DIVISION,
 GOHAR, DISTT. MANDI (H.P.)

Full title of the Project: Diversion of 4.6147 hact. of forest land in favour of HP.PWD for the Construction of Gani To Bhorani Nala Road (km 0/00 to 7/200) within the jurisdiction of Nachan Forest Division, Distt. Mandi, HP.

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: DPF Churagati , DPF Dhari

Tehsil: Chachayot Distt. : Mandi

Name of Forest Division: Nachan. Range : Nachan

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

Area to be afforested: **9.2284 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/-

B Maintenance for ten years

(As per PrCCF(HoFF) HP Shimla letter No. Ft. CAMPA/ 2010/Norms/ Vol.II dated 21-06-2021)

Maintenance (Wages)		
1.	1 st Year Maintenance	9100
2.	2 nd Year maintenance	6140
3.	3 rd Year maintenance	3180
4.	4 th Year maintenance	3180
5	5 th Year maintenance	3180
6	6 th Year maintenance	3180
7	7 th Year maintenance	3180
8	8 th Year maintenance	3180
9	9 th Year maintenance	3180
10	10 th Year maintenance	3180
	Total	40,680/-
	Total A+B	1,46,098/-
	For 9.2284 hact. for CA	13,48,251/-
Maintenance Cost of Plants		
	Add cost of plants 1 st year = 3045 Nos. (i.e 30% of total number planted in planting year), 2 nd year= 2030 Nos. (i.e 20% of total number planted in planting year), 3 rd year =1015 (i.e 10% of total number planted in planting year) Total- 6090 Nos @ 19.78/- per plants	1,20,460/-
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 9.2284 hect for CA Wages	18,28,127/-
	Total	1,948,587/-
	Add 5% contingency charges	97,429/-
	Total	20,46,016/-
	Add 17.50 % Departmental charges	3,58,052/-
	Total	24,04,068/-

5.

Schedule of Plantation Programme:-

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

Year	Area	Rate/ha.	Total amount
0 th Year	9.2284 ha.	105418/-	9,72,839/-
1 st Year	-do-	9100/-	83,978/-
2 nd Year	-do-	6140/-	56,662/-
3 rd Year	-do-	3180	29,346/-
4 th Year	-do-	3180	29,346/-
5 th Year	-do-	3180	29,346/-
6 th Year	-do-	3180	29,346/-
7 th Year	-do-	3180	29,346/-
8 th Year	-do-	3180	29,346/-
9 th Year	-do-	3180	29,346/-
10 th Year	-do-	3180	29,346/-
Total A(i)			13,48,251/-
(A-ii) Cost of Plants 6090 Nos.	19.78		1,20,460/-
Total-A			14,68,711/-
B(i) Soil conservation works	9.2284	30000/-	2,76,852/-
B (ii) Lantana eradication	9.2284	22000/-	2,03,024/-
Total -B			4,79,876/-
Total A+B			19,48,587/-
Contingency @ 5%			97,429/-
Total			20,46,016/-
Department charges @ 17.5%			3,58,052/-
Total			24,04,068/-

4. Technical details:-

Technical details of Compensatory Afforestation Scheme are as follows:-

- i) General details:- Plantation will be done through Pit method as per plantation norms.
- ii) Spacement:- Pits of size 45 x 45 x 45 cm and 30x30x30 cm will used for planting of 60% naked root stock and 40% P/Bag stock.
- iii) 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).
- iv) Plantation Method:- Pit planting method.
- v) Soil and Moisture Conservation Works:- 25% of afforestation cost.
- vi) Protection (Fencing Watchman, People's participation etc);- B/wire fencing using concrete same posts.
- vii) Proposed monitoring Mechanism:- By higher authority, Monitoring and Evaluation and divisional level.
- viii) Any other information:- nil


 Divisional Forest Officer,
 Forest Division, Nachan,
 GOHAR, DISTT. MANDI (H.P.)

Full Title of the Project: Diversion of 4.6147 ha. of forest land in favour of HPPWD for the C/O Road from Gani to Bhorni Nala Km (0/0 to 7/200) under the jurisdiction of Nachan Forest Division Nachan at Gohar Distt. Mandi, HP.

CHECK LIST SERIALNUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 5.2298 ha land bearing Survey No. / Compartment No.53A/02 DPF Dari of Tuna Block of Nachan Range, Nachan Forest Division, Distt. Mandi, HP is identified for **Compensatory Afforestation** is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Place: Gohar
Date: 13.09.2022


(Divisional Forest Officer)
DIVISIONAL FOREST OFFICER,
Nachan Forest Division,
At Gohar, DISTT. MANDI (H.P.)
Office Seal _____

Full Title of the Project: Diversion of 4.6147 ha. of forest land in favour of HPPWD for the C/O Road from Gani to Bhorni Nala Km (0/0 to 7/200) under the jurisdiction of Nachan Forest Division Nachan at Gohar Distt. Mandi, HP.

CHECK LIST SERIALNUMBER: 18

LAND SUITABILITY CERTIFICATE BY THE DFO

This is to certify that 4 ha. land bearing Survey No. / Compartment No.53A/02 DPF Charagti of Dhangara Block of Nachan Range, Nachan Forest Division, Distt. Mandi, HP is identified for **Compensatory Afforestation** is suitable for plantation from management point of view and is free from all sorts of encumbrances and encroachment.

Place: Gohar
Date: 13.09.2022


(Divisional Forest Officer)
DIVISIONAL FOREST OFFICER,
Nachan Forest Division
At Gohar, DISTT. MANDI (H.P.)
Office Seal _____

NET PRESENT VALUE (NPV) CALCULATION: In respect of Diversion of 4.6147 ha. of forest land in favour of HPPWD for the C/O Road from Gani to Bhorni Nala Km (0/0 to 7/200) under the jurisdiction of Nachan Forest Division Nachan at Gohar Distt. Mandi, HP.

1	Area proposed for diversion (in hac.)	4.6147hac.
2.	Rate of NPV per hac (the area falls under Eco-Class-VI Open Forest)	1069470/-
3.	Amount of NPV	49,35,284/-
4	Or say total amount of NPV	49,35,300/-

Place: Gohar
Dated: 5.09.2022


Divisional Forest Officer
Nachan Forest Division,
At Gohar.

Full Title of the project: In respect of Diversion of 4.6147 ha. of forest land in favour of HPPWD for the C/ORoad from Gani to BhorniNala Km (0/0 to 7/200) under the jurisdiction of Nachan Forest Division Nachan at Gohar Distt. Mandi, HP.

PENALTY FOR VIOLATION TO NPV

Since the work has been constructed, so NPV penalty has been calculated up to five year.

Area in hac. proposed for diversion	Violated area (in ha.)	NPV calculated @ rate of (in Rs.)	NPV amount (in Rs.)	Five times NPV (in Rs.)	Interest 12% (five years) (in Rs.)	Total amount (in Rs.)	20% of the total amount to be paid from u/a (in Rs.)
4.6147	2.7940	1069470/- Class VI of Ecological classification (open forest)	2988100/-	2988100/- X 5 = 1,49,40,500/-	14940500/- X 5 X 12/100 =89,64,300/- -	26892900/-	5378580,-

Place: Gohar

Dated: 05-09-2022


Divisional Forest Officer
Nachan Forest Division,
At Gohar.

NO 7491N
H.P. Forest Department.

Dated Nachan, the 2/1/2023.

From RFO Nachan.

To: DFO Nachan.

Subject Diversion 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 Forest Division Distt Mandi HP.(On line Proposal No FP/HP/Road/41345/2029)

Memo:

Please refer to your office endst No 2541-42 dated 7/6/2022 and 7521 dated 23/12/2022 on the subject cited above.

The desired information in respect of point No 5 & 6 is submitted here as under :-
Point No 5. The areal distance have re-verified from the proposed site from Gani which is Approximately 2.06 km.

Point No 6 . The areal distance from the proposed site from notified ESZ of Shikari Devi WLS is 0.650 mtr.

Report submitted for favour of information and further necessary action pl

FCA-30

R. K.
Range Forest Officer
Nachan Forest Range

R.K.
[Signature]
3/1/23

CB

NACHAN FOREST DIVISION
Dy. No. 5814
Date 04/01/2023

[Signature]
DIVISIONAL FOREST OFFICER,
NACHAN FOREST DIVISION,
GOHAR, DIST. MANDI (H.P.)