

## BEFORE THE NATIONAL GREEN TRIBUNAL

## WESTERN ZONE BENCH, PUNE

## ORIGINAL APPLICATION NO. 555 OF 2024

NEWS ITEM TITLED “INDIA LOST 2.33 MILLION HECTARES OF TREE COVER SINCE 2000 GLOBAL FOREST WATCH” APPEARING IN THE INDIAN EXPRESS DATE 13.04.2024

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BEFORE THE NATIONAL GREEN TRIBUNAL  
PRINCIPAL BENCH, NEW DELHI

Original Application No. 555 of 2024

Sr. No. 801/1/2025

A. A. MANSURI  
NOTARY  
GOVT. OF INDIA

15 SEP 2025

In the matter of:

NEWS ITEM TITLED "INDIA LOST 2.33 MILLION HECTARES OF  
TREE COVER SINCE 2000 GLOBAL FOREST WATCH"  
APPEARING IN THE INDIAN EXPRESS DATE 13.04.2024.

.... Petitioner

Versus

State of Gujarat through Secretary, Forest & Environment Department  
& Ors.

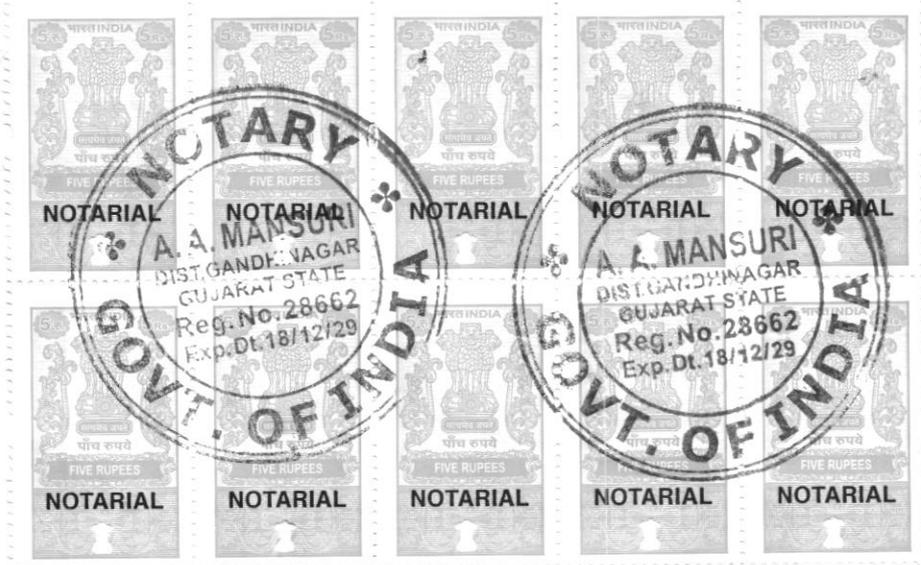
.... Respondents

AFFIDAVIT-IN-REPLY ON BEHALF OF RESPONDENT NO. 11

I, Dr. K. Sasikumar, IFS, Age: 47 years, serving as Chief Conservator of Forests, Protection Wing, Gujarat, Respondent No.11 herein, having address at B-Wing, 3<sup>rd</sup> Floor, Aranya Bhavan, Sector-10/A, Gandhinagar, Gujarat, do hereby state on solemn oath and submit this affidavit as under:

1. I say and submit that I have read and understood the contents of the order dated 18.11.2024 passed by National Green Tribunal Principal Bench, New Delhi in reference to News item titled "India lost 2.33 million hectares of tree cover since 2000 global forest watch" appearing in the Indian express date 13.04.2024.. I am competent to swear this affidavit as I am well acquainted with the issues highlighted by Hon'ble Tribunal.





2. I respectfully submit that the Hon' ble Tribunal, while considering the issue of loss of trees across Pan India, has directed Respondent No. 11 to submit a report with regard to the loss of trees in the State of Gujarat, along with the reasons thereof, addressing the relevant issues, namely:

- a. present status of forests,
- b. factors responsible for such loss, and
- c. action taken report concerning conservation and management of forest.

3. In compliance with the order dated 18.11.2024, the details as directed by the Hon'ble Tribunal are submitted hereinunder:

**I. STATUS OF FORESTS IN GUJARAT**

The recorded forest area in the State of Gujarat is 21,876.45 sq. km, which constitutes approximately 11% of the total geographical area of the State.

Sr. No	Geographical Area In India (In Sq. Km)	Geographical Area In Gujarat (In Sq. Km)	Total Forest Area (In Sq. Km)	Tree Cover (In Sq. Km)	Forest Cover(In Sq. Km)
1	32,87,268.88	1,96,244	21,876.45	6632.29	15016.64

A tabular chart indicating District wise geographical area and forest area is annexed herewith and marked as **Annexure: 1.**

A tabular chart indicating year wise tree cover in State of Gujarat is annexed herewith and marked as **Annexure: 2A.**

A tabular chart indicating year wise forest cover inside and outside recorded forest area in State of Gujarat is annexed herewith and marked as **Annexure: 2B.**



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A. A. MANSURI  
DIST. GANDHINAGAR  
GUJARAT STATE  
Reg. No. 28662  
Exp. Dt. 18/12/29  
GOVT. OF INDIA

**I. KEY FACTORS RESPONSIBLE FOR FOREST LOSS IN GUJARAT.**

The following factors have been identified as the primary contributors to the loss of forest cover in the State:

Sr. No	Factors	Area/ No. of Cases	Attachment
1	Details of <b>Forest Land Diverted for Non-Forestry Purposes</b> under the Forest (Conservation) Act, 1980 (last 10 years)	6538.192 Ha.	A tabular chart indicating details of forest diverted are in past 10 years is annexed herewith and marked as <b>Annexure-3.</b>
2	Details of <b>encroachments</b> in forest areas as on date 31-08-2025	223.369 Ha. (The total Encroachment areas is 13008.119 Ha. out of which action for removal has been taken on 12784.75 Ha)	A tabular chart indicating details of encroachment is annexed herewith and marked as <b>Annexure-4.</b>
3	Incidence of <b>Forest Fires</b> reported in forest areas over the last 5 years	5465 Cases in 19781.59 Ha	A tabular chart indicating details of cases
4	<b>Grazing</b> incidents reported in forest areas over the last 5 years	4818 Cases	of fire, grazing and tree cutting is annexed
5	Instances of <b>tree felling</b> reported in forest areas over the last 5 years	15049 Number of Cases and 47,753 Tree Cutting	herewith and marked as <b>Annexure-5.</b>



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6	Details of <b>land titles</b> granted under the Forest Rights Act, 2006 (last 5 years)	9182 Ha.	A tabular chart indicating the details of land titles granted in last 5 years is annexed herewith and marked as <b>Annexure-6</b>
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**I. ACTION TAKEN FOR CONSERVATION AND MANAGEMENT OF FORESTS IN GUJARAT**

The State of Gujarat has undertaken the following measures to address and mitigate the aforesaid challenges:

Sr. No	Action Taken	Area /No / Km./Teams	Attachment
1	Details of <b>afforestation and compensatory afforestation</b> (in lieu of diverted forest land) carried out in the State during the last 10 years	7,28,220 Ha.	A tabular chart indicating, details of afforestation and compensatory afforestation (in lieu of diverted forest land) carried out in State of Gujarat in last 10 years is annexed herewith and marked as <b>Annexure-7.</b>

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Exp. Dt. 18/12/29  
GOVT. OF INDIA



2	Details of <b>protection measures</b> such as boundary pillars created during the last 6 years	49,733 Numbers	A tabular chart indicating details of protection measures such as boundaries and pillars created during last 6 years is annexed herewith and marked as <b>Annexure-8.</b>
3	Details of <b>protection measures</b> such as Forest fire lines created during the last 10 years	3,09,409.38 Km.	A tabular chart indicating details of protection measures such as forest fire lines created during las 10 years is annexed herewith and marked as <b>Annexure-9.</b>
4	Details of <b>protection measures</b> such as Forest fire watchers Team deployed during the last 6 years	1617 Teams	A tabular chart indicating details of protection measures such as forest fire watchers deployed during last 6 years is annexed herewith and marked as <b>Annexure-10</b>

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REG. NO. 28862  
ESTD. 18/12/29  
GOVT. OF INDIA

5	Details of cases detected under violations of the Indian Forest Act 1927 during the last 10 years	72,822 Numbers	A tabular chart indicating details of cases detected under violations of the India Forest Act, 1927 during las 10 years is annexed herewith and marked as <b>Annexure-11.</b>
6	Details of recruitment at the field level for forest protection since 2007	4240 Numbers	A tabular chat indicating details of recruitment at the field for the forest protection since 2007 is annexed herewith and marked as <b>Annexure-12.</b>
7	Forest protection initiatives undertaken through Joint Forest Management Committees (JFMCs) during the last 10 years	5,18,956.641 Ha	A tabular chart indicating forest protection initiatives undertaken through joint forest management committees during last 10 years is annexed herewith and marked as <b>Annexure-13.</b>



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8	Details of beat inspections conducted in forest areas during the last 5 years	1180 Numbers	A tabular chat indicating details of beat inspections conducted in forest areas during last 5 years is annexed herewith and marked as <b>Annexure-14.</b>
9	Forest protection measures through the use of DGPS survey and Demarcation	8,29,046.47 Ha	A tabular chart indicating details of protection of forest through use of DGPS Survey and Demarcation os annexed herewith and marked as <b>Annexure-15</b>



4. I say and submit that the recorded forest area in the State of Gujarat stands at 21,876.45 sq. km, constituting approximately 11% of the State's total geographical area. it is further submitted that the forest cover outside the Recorded Forest Area (RFA) has shown the maximum increase in the State of Gujarat, amounting to 241.29 sq. km, followed by Bihar (106.85 sq. km), Kerala (95.19 sq. km), Uttar Pradesh (79.27 sq. km), and Assam (74.90 sq. km). Gujarat has recorded the largest positive change in outside forest cover (+241.29 sq. km) among all States, reflecting the success of afforestation initiatives and environmental conservation efforts. While India's overall outside forest cover increased by 149.13

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sq. km, Gujarat alone contributed 241.29 sq. km, underscoring its significant role in the country's afforestation and sustainability efforts. A tabular chart indicating forest and tree cover with respect to geographical area with forest and tree cover of various states is annexed herewith and marked as **Annexure:16**.

5. Furthermore, Gujarat has recorded a mangrove cover of 1,164.06 sq. km, which is the highest mangrove cover along the western coast of India. This achievement highlights the State's proactive measures in coastal forest conservation and mangrove ecosystem restoration. A tabular chart indicating State/Union Territory wise mangrove cover assessment-2023 is annexed herewith and marked as **Annexure:17**.
6. In view of the facts and submissions made hereinabove, it is most respectfully prayed that this Hon'ble Tribunal may be pleased to acknowledge that the answering respondent has been actively working to mitigate the factors for loss of forest area in the State of Gujarat and pass appropriate orders.

Solemnly affirmed at Gandhinagar on this 15<sup>th</sup> day of September 2025.



(Dr. K. Sasikumar)

Deponent

IDENTIFIED BY ME

*Javed P. Bhavsani*  
ADVOCATE PERSON

Name:.....  
En. No. ....  
Address:.....

15 SEP 2025



SOLEMNLY AFFIRMED  
BEFORE ME

*A. A. Mansuri*  
A. A. MANSURI  
NOTARY  
GOVT. OF INDIA

15 SEP 2025

Annexure – 1

GUJARAT - DISTRICT WISE GEOGRAPHICAL AREA AND FOREST AREA (As on 31 aug-2025)								
(Area In Sq km)								
Sr. No.	Name of District	Geographic Area (Census 2011)	Reserved Forest	Protected Forest	Unclassified Forest	Total Forest Area	% to District G. A.	% to Total F.A.
1	2	3	4	5	6	7 = (4+5+6)	8 = (7/3*100)	9 = ((Col.7)/21876.45)*100
1	Ahmedabad*	7090	45.80	1.09	59.93	106.82	1.51	0.49
2	Amreli	7397	308.01	0.00	31.88	339.89	4.59	1.55
3	Anand	3204	0.00	0.00	0.00	0.00	0.00	0.00
4	Aravalli*	3308	300.40	0.91	147.26	448.57	13.56	2.05
5	Banaskantha	10743	519.99	13.32	573.95	1107.26	10.31	5.06
6	Bharuch	6509	233.44	0.06	12.35	245.85	3.78	1.12
7	Bhavnagar*	8487	211.89	0.00	43.85	255.74	3.01	1.17
8	Botad*	2564	16.08	0.00	19.59	35.67	1.39	0.16
9	Chhota Udepur*	1192	676.47	5.70	38.54	720.71	60.46	3.29
10	Dahod	3642	870.61	4.15	9.39	884.15	24.28	4.04
11	Dangs	1766	843.76	190.92	0.00	1034.68	58.59	4.73
12	Devbhumi Dwarka*	4051	149.11	1.91	426.41	577.43	14.25	2.64
13	Gandhinagar	2140	20.66	4.28	0.01	24.95	1.17	0.11
14	Gir Somnath*	3289	92.97	61.31	34.85	189.13	5.75	0.86
15	Jamnagar*	5980	202.81	6.42	802.35	1011.58	16.92	4.62
16	Junagadh*	5542	1506.76	57.56	7.95	1572.27	28.37	7.19
17	Kachchh	45674	1909.01	2496.76	1255.31	5661.08	12.39	25.88
18	Kheda*	3442	20.45	0.45	0.15	21.05	0.61	0.10
19	Mahisagar*	2261	575.92	3.87	37.05	616.84	27.28	2.82
20	Mehsana	4401	23.24	0.00	48.28	71.52	1.63	0.33
21	Morbi*	8786	147.73	0.10	227.90	375.73	4.28	1.72
22	Narmada	2817	1083.20	1.27	62.62	1147.09	40.72	5.24
23	Navsari	2246	238.77	0.00	25.68	264.45	11.77	1.21
24	Panchmahals*	3481	665.68	1.42	9.79	676.89	19.45	3.09
25	Patan	5792	476.96	6.30	1.38	484.64	8.37	2.22
26	Porbandar	2316	243.91	0.00	2.99	246.90	10.66	1.13
27	Rajkot*	7750	104.58	0.00	66.36	170.94	2.21	0.78
28	Sabarkantha*	4086	478.48	0.16	336.49	815.13	19.95	3.73
29	Surat	4549	489.08	0.00	7.64	496.72	10.92	2.27
30	Surendranagar*	9238	293.96	6.56	106.29	406.81	4.40	1.86
31	Tapi	3139	883.16	1.97	22.48	907.61	28.91	4.15
32	Vadodara*	6354	20.83	0.00	0.00	20.83	0.33	0.10
33	Valsad	3008	915.72	18.59	3.21	937.52	31.17	4.29
	<b>Total</b>	<b>196244</b>	14569.44	2885.08	4421.93	<b>21876.45</b>	11.15	100.00

**Annexure –2 A**

<b>GUJARAT- YEAR WISE TREE COVER (Sq. Km.)</b>				
<b>Sr.</b>	<b>Year</b>	<b>Geographical Area</b>	<b>Tree Cover</b>	<b>% TC to GA</b>
1	2	3	4	5= (4/3)*100
1	2023	196244	6632.29	3.38
2	2021	196244	5489.00	2.80
3	2019	196244	6912.00	3.52
4	2017	196244	8024.00	4.09
5	2015	196244	7914.00	4.03
6	2013	196244	8358.00	4.26
7	2011	196244	7837.00	3.99
9	2009	196024	8390.00	4.28
10	2005	196024	7621.00	3.89
11	2003	196024	10586.00	5.40
12	2001	196024	4036.00	2.06

**Annexure –2B****Gujarat Forest Cover Inside and Outside Recorded Forest Area (or Green Wash) (Sq.km)**

Sr. No.	Year	Forest Cover Inside the Recorded Forest Area (or Green Wash)				Forest Cover Outside the Recorded Forest Area (or Green Wash)				F.C. Total
		VDF	MDF	OF	Total	VDF	MDF	OF	Total	
1	2	3	4	5	6 =3+4+5	7	8	9	10=7+8+9	11=6+10
1	2023	400.31	3948.17	5041.39	9389.87	19.40	954.03	4653.34	5626.77	15016.64
2	2021	356.00	4016.00	5463.00	9835.00	22.00	1016.00	4053.00	5091.00	14926.00
3	2019	356.00	4055.00	5374.00	9785.00	22.00	1037.00	4013.00	5072.00	14857.00
4	2017	353.00	4741.00	5156.00	10250.00	25.00	459.00	4023.00	4507.00	14757.00
5	2015	351.00	4082.00	5125.00	9558.00	25.00	1138.00	3939.00	5102.00	14660.00
6	2013	364.00	4258.00	4518.00	9140.00	12.00	962.00	4539.00	5513.00	14653.00

**Annexure –3**

<b>Details of forest land diverted for non-forestry purposes under the forest (conservation) act, 1980 (last 10 years)</b>		
<b>Sr.No</b>	<b>Year</b>	<b>Diverted Forest Area</b>
1	2016	966.1605
2	2017	1509.5713
3	2018	1379.066
4	2019	771.9919
5	2020	738.3901
6	2021	473.4957
7	2022	216.6103
8	2023	454.1226
9	2024	27.4708
10	2025	1.3128
<b>Total</b>		<b>6538.192</b>



10	<b>Junagadh</b>	Bhavanagar	18440.7791	0	9.51	0	0	0	9.51	-	0.0234
11		Botad	3567.43	0	3	0	0	0	3	-	0
12		Jamnagar	38054.5	0	0	0	0	2.75	2.75	-	0
13		Morbi	38543.61	0	0	0	0	0	0	-	0
14		Surendranagar	28202.7184	0	1.2	0	0	0	1.2	-	0
15		Junagadh	22709.82	0	35.85	0	0.0801	15.4	51.3301	-	1.34
16		Porabandar	4798.23	0	6.9625	0	0	0	6.9625	-	0
17		Gir Somnath	1775.92	0	0.4249	0	0	11.4662	11.8911	-	0
18	<b>WL Vadodara</b>	WL Vadodara		0	0	0	0	0	0	-	0
19	<b>Surat</b>	Surat	49672.29	0	0	0	0	0	0	-	0
20		Tapi	90760.3235	0	19.30	0	0	0	19.30	-	19.30
21		Bharuch	24584.38	0	0	0	0	0	0.00	-	0
22	<b>MNP</b>	MNP		0	0	0	0	0	0.00	-	0
23	Gandhinagar	Sabarkantha	81513.00	0	0	0	0	0	0.00	-	0
24		Aravalli	44857.00	0	0	0	0	0	0.00	-	0
25		Gandhinagar	11325.00	0	0	0	0	0	0.00	-	0
26	<b>WL Junagadh</b>	Amreli	33988.99	0	3.96	0	0.06	0	4.02	-	0
27		Gir Somnath	49922.58	18.046	1.68	0	0.48	0	20.21	-	0
28		Bhavanagar	1426.03	0	0	0	0	0	0.00	-	0

29		Junagadh	101665.00	36.06	4.35	0	28.0501	0	68.46	-	0
30		porbandar	12627.00	0	44.36	0	0	0	44.36	-	0
31		Devbhumi Dwarka	47725.00	0	0.0126	0	0	0	0.01	-	0
32	<b>WL</b> <b>Gandhinagar</b>	Banaskantha	110725.5074	0	0.02697	0	1	0	1.02697	-	0
		<b>Total</b>	<b>1924235.28</b>	<b>12644</b>	<b>132.827</b>	<b>0</b>	<b>29.6702</b>	<b>201.6162</b>	<b><u>13008.119</u></b>	-	<b>12784.75</b>

**Annexure –5**

**INSTANCES OF FOREST FIRE, GRAZING, TREE  
CUTTING, REPORTED IN FOREST AREAS OVER THE  
LAST 5 YEARS**

Sr.No.	Year	Fire		Grazing	Tree cutting	
		Nos.	Area (in Ha.)		Nos.	No. of trees
1	2020-21	1784	7328.62	866	3859	11438
2	2021-22	892	3169.26	881	2727	8083
3	2022-23	915	3271.01	997	2894	7499
4	2023-24	840	3210.67	1074	2769	7928
5	2024-25	1034	2802.03	1000	2800	12805
<b>Total</b>		<b>5465</b>	<b>19781.59</b>	<b>4818</b>	<b>15049</b>	<b>47753</b>

**Annexure –6**

<b>DETAILS OF LAND TITLES GRANTED UNDER THE FOREST RIGHTS ACT, 2006 (LAST 5 YEARS)</b>			
<b>Sr.No.</b>	<b>Year</b>	<b>Approved Claims</b>	<b>Area Ha</b>
1	2021-22	1466	4244
2	2022-23	2772	535
3	2023-24	4367	2294
4	2024-25	1036	1100
5	2025-26	1042	1009
<b>Total</b>		<b>8121</b>	<b>9182</b>

Annexure – 7

**DETAILS OF AFFORESTATION AND COMPENSATORY  
AFFORESTATION (IN LIEU OF DIVERTED FOREST  
LAND) CARRIED OUT IN THE STATE DURING THE  
LAST 10 YEARS (In Ha)**

<b>Sr. no.</b>	<b>Year</b>	<b>Development &amp; Management</b>	<b>Social Forestry</b>	<b>Land</b>	<b>Total</b>
1	2016-17	43157	29993	1183	74333
2	2017-18	40225	13191	847	54263
3	2018-19	42914	31711	746	75371
4	2019-20	35736	25149	1922	62807
5	2020-21	29248	25206	1547	56001
6	2021-22	44480	24569	6459	75508
7	2022-23	41220	18656	8910	68786
8	2023-24	24030	33285	8423	65737
9	2024-25	39020	47059	16623	102702
10	2025-26	41530	39295	11887	92712
<b>Total</b>		<b>381560</b>	<b>288114</b>	<b>58547</b>	<b>728220</b>

**Annexure –8**

<b>DETAILS OF PROTECTION MEASURES SUCH AS BOUNDARY PILLARS CREATED DURING THE LAST 6 YEARS</b>				
<b>Sr.No.</b>	<b>Year</b>	<b>A-type</b>	<b>B-Type</b>	<b>Total</b>
1	2019-20	2722	11263	13985
2	2020-21	976	4914	5890
3	2021-22	3007	6165	9172
4	2022-23	529	3030	3559
5	2023-24	731	10693	11424
6	2024-25	1235	4468	5703
<b>Total</b>				<b>49733</b>

Annexure –9

<b>DETAILS OF PROTECTION MEASURES SUCH AS FOREST FIRE LINES CREATED DURING THE LAST 10 YEARS</b>										
<b>Circle Name</b>	<b>Valsad</b>	<b>Surat</b>	<b>Vadodara</b>	<b>Gandhinagar</b>	<b>Junagadh</b>	<b>Kutch</b>	<b>WL Junagadh</b>	<b>WL Vadodara</b>	<b>WL Gandhinagar</b>	<b>TOTAL in (Km)</b>
<b>Type of Fireline</b>										
2 mtr	0.00	45543.50	0.00	11.50	0.00	0.00	0.00	0.00	0.00	<b>45555.00</b>
3 mtr	0.00	0.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	<b>5.00</b>
4 mtr	0.00	45233.53	0.00	0.00	0.00	5.00	0.00	0.00	0.00	<b>45238.53</b>
5 mtr	650.00	58458.90	103.75	0.00	58.73	207.38	91.00	0.00	0.00	<b>59569.76</b>
8 mtr	1597.39	1351.41	659.95	284.24	289.08	324.00	0.00	180.10	685.31	<b>5371.48</b>
10 mtr	0.00	394.19	10.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>404.19</b>
15 mtr	840.29	279.18	368.68	68.00	497.21	75.00	1197.08	28.00	203.57	<b>3557.01</b>
20 mtr	0.00	2.80	0.00	27.67	62.26	17.62	0.00	49.44	41.70	<b>201.50</b>
30 mtr	400.00	0.00	16.94	0.00	22.97	13.00	0.00	0.00	0.00	<b>452.91</b>
any other	0.00	149054	0.00	0.00	0.00	0.00	0.00	0.00	0.00	<b>149054.00</b>
<b>TOTAL In Km</b>	<b>3487.68</b>	<b>300317.51</b>	<b>1159.32</b>	<b>391.41</b>	<b>935.25</b>	<b>642.00</b>	<b>1288.08</b>	<b>257.54</b>	<b>930.58</b>	<b>309409.38</b>

**Annexure –10**

<b>DETAILS OF PROTECTION MEASURES SUCH AS FOREST FIRE WATCHERS DEPLOYED DURING THE LAST 6 YEARS</b>		
<b>Sr.No.</b>	<b>Year</b>	<b>Nos. of team</b>
1	2019-20	310
2	2020-21	290
3	2021-22	313
4	2022-23	250
5	2023-24	204
6	2024-25	250
<b>Total</b>		<b>1617</b>

Annexure –11

<b>DETAILS OF CASES DETECTED UNDER VIOLATIONS OF THE INDIAN FOREST ACT 1927 DURING THE LAST 10 YEARS</b>						
<b>Sr.no.</b>	<b>Year</b>	<b>No. of Cases</b>				
		<b>Fire</b>	<b>Grazing</b>	<b>Tree cutting</b>	<b>Others</b>	<b>TOTAL</b>
1	2015-16	914	1962	3488	4580	10944
2	2016-17	703	800	3770	2137	7410
3	2017-18	1336	758	3539	1571	7204
4	2018-19	886	746	3704	1518	6854
5	2019-20	779	847	3558	1413	6597
6	2020-21	1784	866	3859	1943	8452
7	2021-22	892	881	2727	1283	5783
8	2022-23	915	997	2894	1603	6409
9	2023-24	840	1074	2769	1621	6304
10	2024-25	1034	1000	2800	2031	6865
<b>Total</b>		<b>10083</b>	<b>9931</b>	<b>33108</b>	<b>19700</b>	<b>72822</b>

Annexure –12

<b>DETAILS OF RECRUITMENT AT THE FIELD LEVEL FOR FOREST PROTECTION SINCE 2007</b>		
<b>Sr. No.</b>	<b>Years of Recruitment</b>	<b>No. of Post filed</b>
1	2007	312
2	2008	195
3	2009	250
4	2011	315
5	2012	527
6	2016	1484
7	2022	334
8	2023	0
9	2024	823
10	2025	0
<b>Total</b>		<b>4240</b>

**Annexure – 13**

<b>FOREST PROTECTION INITIATIVES UNDERTAKEN THROUGH JOINT FOREST MANAGEMENT COMMITTEES (JFMCS) DURING THE LAST 10 YEARS</b>					
<b>Sr. No.</b>	<b>Forest Division</b>	<b>No. of VFPCs Formed</b>	<b>No. of VFPCs to which Adhikar Patra Issued</b>	<b>No. of VFPCs Registered</b>	<b>Forest Area Brought under the JFM (Ha.)</b>
<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>	<b>5</b>	<b>6</b>
1	Valsad (N)	193	166	121	44697.55
2	Valsad (S)	132	132	132	17555.54
3	Dangs (N)	129	125	125	20973.53
4	Dangs (S)	137	135	137	43361.43
5	Surat	174	133	36	18234.00
6	Vyara	193	192	109	42271.72
7	Bharuch Sub Division	68	46	46	5935.35
8	Chhota Udepur	349	349	204	62221.10
9	Baria	289	227	227	39536.81
10	Godhra	198	198	198	30948.18
11	Mahisagar	310	310	310	42047.43
12	Gandhinagar	22	17	22	1002.8
13	Sabarkantha	186	186	154	156.7313
14	Arvalli	255	255	255	18988.39
15	Bhavnagar	53	52	53	8754.00
16	Jamnagar	54	54	54	5640.12
17	Junagadh	0	0	0	4875.00
18	Morbi	24	24	24	2097.07
19	Surendranagar	50	50	40	6352.95
20	Kachchh (E)	47	47	47	26500.00
21	Kachchh (W)	109	82	109	40480.00
22	Narmada	187	161	90	18973.56
23	Banaskantha	108	108	108	7791.13
24	Patan	25	0	25	2200.00
25	Gir (W)	12	12	12	3353.72
26	Gir (E)	12	0	7	3932.62
27	Vadodara WL	1	1	1	75.91
<b>Total</b>		<b>3317</b>	<b>3062</b>	<b>2646</b>	<b>518956.64</b>

**Annexure – 14****DETAILS OF BEAT INSPECTIONS CONDUCTED IN  
FOREST AREAS DURING THE LAST 5 YEARS**

<b>Year Wise Beat inspection</b>		
<b>Sr. No</b>	<b>Year</b>	<b>No. of Beat inspection</b>
1	2021-22	165
2	2022-23	132
3	2023-24	150
4	2024-25	249
5	2025-26	484
<b>Total</b>		<b>1180</b>

**Annexure – 15**

<b>FOREST PROTECTION MEASURES THROUGH THE USE OF DGPS SURVEY AND DEMARCATION</b>			
<b>March-2025 ended physical achievement of DGPS survey &amp; demarcation</b>			
<b>Sr.No.</b>	<b>Circle</b>	<b>Division</b>	<b>Achievement (Area in Ha)</b>
1	Junagadh	Bhavnagar	15977.25
2		Jamnagar	5569.46
3		Junagadh	21864.51
4		Morbi	36939.02
5		Surendranagar	25954.20
6		<b>TOTAL-A</b>	<b>106304.44</b>
7	Vadodara	Godhra	48801.48
8		Baria	32818.34
9		Chhotaudepur	55116.96
10		Mahisagar	40913.55
11		<b>TOTAL-B</b>	<b>177650.33</b>
12	Surat	Surat	49672.29
13		Vyara	90760.32
14		Bharuch	24584.38
15	<b>TOTAL-C</b>	<b>165016.99</b>	
16	Kutch	Kutch (E)	2104.00
17		Kutch (W)	865.00
18		Patan	18788.00
19	<b>TOTAL-D</b>	<b>21757.00</b>	
20	WL Gandhinagar	Banaskantha	99504.66
21		<b>TOTAL-E</b>	<b>99504.66</b>
22	Gandhinagar	Sabarkantha	60404.35
23		Arwalli	25600.56
24		Gandhinagar	0.00
25	<b>TOTAL-F</b>	<b>86004.91</b>	
26	WL Vadodara	Narmada	13038.16
27		WL Vadodara	14540.00
28	<b>TOTAL-G</b>	<b>27578.16</b>	
29	Valsad	Valsad (N)	22925.00
30		Valsad (S)	34191.34
31		Dang (N)	45129.65
32		Dan (S)	42984.00
33	<b>TOTAL-H</b>	<b>145229.99</b>	
34	<b>GRAND TOTAL</b>		<b>829046.47</b>

## Annexure – 16

Country/State	Geographical Area	Forest and Tree Cover- 2021	Forest and Tree Cover- 2023	% of Geographical area- 2023	Outside forest cover change (Sq.km) wrt. 2021	Change in Forest and Tree Cover wrt 2021
<b>India</b>	3,287,468.88	825911.14	827356.95	25.17	149.13	1445.81
<b>Chhattisgarh</b>	135,192.00	61,666.83	62,350.45	46.12	-5.72	683.62
<b>Uttar Pradesh</b>	240,927.56	23,437.53	23,996.72	9.96	79.27	559.19
<b>Odisha</b>	155,707.00	58,038.44	58,597.01	37.63	33.72	558.57
<b>Rajasthan</b>	342,238.99	26,994.87	27,389.33	8.00	-110.65	394.46
<b>Jharkhand</b>	79,716.00	27,116.37	27,403.33	34.38	6.09	286.96
<b>Punjab</b>	50,362.00	3,144.47	3,321.24	6.59	0.59	176.77
<b>Mizoram</b>	21,081.00	18,379.84	18,558.26	88.03	48.81	178.42
<b>Gujarat</b>	<b>196,244.00</b>	<b>21,484.85</b>	<b>21,648.93</b>	<b>11.03</b>	<b>241.29</b>	<b>164.08</b>

Annexure – 17

<b>State/UT wise Mangrove Cover Assessment 2023</b>										
Sl.	State/UT	2021 Assessment Raster based				2023 Assessment Raster based				Change with respect to revised ISFR 2021
		Very Dense Mangrove	Moderately Dense Mangrove	Open Mangrove	Total Mangrove Cover	Very Dense Mangrove	Moderately Dense Mangrove	Open Mangrove	Total Mangrove Cover	
1	Andhra Pradesh	0	212.73	195.69	408.42	0	213.9	207.53	421.43	13.01
2	Goa	0	23.92	5.47	29.39	0	23.75	7.59	31.34	1.95
3	Gujarat	0	167.52	1,032.93	1,200.45	0	179.09	984.97	1,164.06	-36.39
4	Karnataka	0.11	2.21	9.34	11.66	0.11	3.15	10.94	14.2	2.54
5	Kerala	0	4.71	4.72	9.43	0	4.73	4.72	9.45	0.02
6	Maharashtra	0	86.21	216.49	302.7	0	89.82	225.27	315.09	12.39
7	Odisha	81.67	94.61	81.23	257.51	81.67	94.61	82.78	259.06	1.55
8	Tamil Nadu	1.16	25.01	15.74	41.91	1.19	25.07	15.65	41.91	0
9	West Bengal	983.65	703.49	430.61	2,117.75	981.63	703.79	433.74	2,119.16	1.41
10	A & N Islands	398.64	165.36	48.94	612.94	399.37	162.64	46.28	608.29	-4.65
	D & NH and									
11	Daman & Diu	0	0.21	3.09	3.3	0	0.21	3.65	3.86	0.56
12	Puducherry	0	0.08	3.57	3.65	0	0.08	3.75	3.83	0.18
<b>Total</b>		<b>1,465.23</b>	<b>1,486.06</b>	<b>2,047.82</b>	<b>4,999.11</b>	<b>1,463.97</b>	<b>1,500.84</b>	<b>2,026.87</b>	<b>4,991.68</b>	<b>-7.43</b>