



GOVERNMENT OF GOA

**3RD INTERIM REPORT OF REVIEW COMMITTEE
ON
REVIEW OF PRIVATE FOREST AREAS
IDENTIFIED BY NORTH GOA & SOUTH GOA DISTRICT COMMITTEE
(V. T. THOMAS & F. X. ARAUJO)**

SEPTEMBER 2021

3rd Interim report of the Review Committee on review of Private Forest provisionally identified by North and South Goa Forest Division Committees (V.T. Thomas & F.X. Araujo Committee)

A committee (hereinafter referred as Review Committee”), to review Provisionally identified Private Forest areas by North and South Goa Forest Division Committees (also known as Thomas & Araujo Committee) was constituted vide Government of Goa Notification No. (WP)/Pvt. For/16(THC)/ 2013(WZ)/19-20/26 dated 21/01/2020 (with Conservator of Forests as Chairman) and Vide Notification No. DCF (WP)/Pvt. Forest/16(THC)/ 2013(WZ)/19-20/119 dated 18/06/2020 (The Chief Conservator of Forests was made the Chairperson). First Interim Report of the Review Committee disposing 858 Survey Nos was submitted to the Govt. for approval vide DCF (Working Plan) office note dated 26.04.2021 which may be seen at **Annexure I**. For criteria and methodology 1st interim report may kindly be referred. Following the same criteria and methodology the Committee has undertaken further review work. Second Interim Report of the Review Committee disposing 1236 Survey Nos was submitted to the Govt. for approval vide DCF (Working Plan) office note dated 01.07.2021 which may be seen at **Annexure II**.

An extensive ground verification, enumeration and survey exercise on survey numbers qualifying on area & canopy density criteria has been done in the field for evaluating tree composition criteria. Due to the rains, field survey and enumeration works have ceased. Even on rain free days, it is difficult to approach the sites due to undergrowth and there are chances of instruments getting damaged if the rains suddenly come. However, the committee was informed by the sub committees that the work of preparation of enumeration reports and plan preparation works are going on. However, despite all the field constraints, substantial progress has been made.



 ACF (N) ACF (S) AC (N) AC (S) DIR (DSL) DIR (AGRI) DCF (WP) CCF

The status of progress achieved in enumeration of private forest areas as on date is shown as under:


Division	Status of review after completion of field enumeration		
	Total area enumerated	Area qualified in field survey	Plan prepared for area qualifying
North	1831 ha	558.66 ha*	347.22 ha*
South	3390 ha	838.00 ha*	117.00 ha*
Total	5221 ha	1396.66 ha*	464.22 ha*

*Final status to be determined after hearing of the objectors/representations and total enumeration, if decided

Thus, it can be seen that roughly 55% of the total area to be enumerated (9183 Ha) has been enumerated. Further, Goa Foundation has filed one more Execution Application before Hon'ble NGT. Accordingly, in the 12th review committee meeting held on 17/08/2021, it was decided to submit the 3rd Interim Report in continuation to the First and Second Interim Reports, with the progress made in the review of additional Survey Numbers provisionally identified as private forest.

A. Survey Numbers identified as Private Forest by Sawant and Karapurkar committees and found partly repeated in Thomas & Araujo Committee:

There are a total of 130 such survey numbers across 39 villages were analysed partly/fully repeated and out of which 88 have been found fully repeated and accordingly status reported in the first Interim Report. Remaining 42 Survey Nos along with its 56 parts were reviewed by the Review Committee and the Review Committee, after detailed analysis through Google Timeline change corroborated by LISS III FCM 2012-13, Division offence case, Tree Felling, FCA & Court order etc. found that in 05 Survey Numbers balance area does not qualify the criteria of private forests and status reported in the second interim Report. Balance 37 survey numbers are still to be reviewed in the field.


ACF (N)


ACF (S)

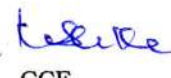

AC (N)


AC (S)


DIR (DSL)


DIR (AGRI)


DCF (WP)


CCF

B. Survey Numbers identified as Private Forest by earlier demarcation team of the Forest Department (adjoining the Survey Nos. identified as Private Forest by Sawant and Karapurkar Committee) and found partly repeated in Thomas & Araujo Committee:

In the first interim report, the Review Committee had found that out of total of 39 Survey numbers, adjoining Survey Nos of Sawant and Karapurkar Committee which were demarcated as Private Forests by earlier demarcation team of Forest Department during 2003-2008 were found fully/partly repeated in Survey Numbers identified by Thomas and Araujo Committee. In 1st interim report, two survey numbers were found fully repeated. In 2nd interim report, the committee had reviewed the remaining 37 survey numbers and after detailed analysis through Google Timeline change corroborated by LISS III FCM 2012-13, Division offence case, Tree Felling, FCA & Court order etc. found that in 17 Survey Numbers which are partly repeated, the balance area does not qualify the criteria for Private Forest and status reported in the second interim Report. Balance 20 survey numbers are still to be reviewed in the field.

C. Survey Numbers recorded as Government Forests and found mention as Private Forest by Thomas and Araujo Committee:

Further, there are a total 26 survey numbers of recorded Forest which have been identified as Private Forest by Thomas & Araujo Committee in its report. In the 1st interim report, it was decided to exclude survey numbers pertaining to Reserve Forest and to review Proposed Reserve Forest and Unclassified Forest under private ownership (*if any*) in the instant case for further analysis. 8 Survey Numbers were found fully under Government ownership. In the remaining 18 such survey numbers, no survey number could be excluded solely on area and canopy criteria.



 ACF (N) ACF (S) AC (N) AC (S) DIR (DSL)R DIR (AGRI) DCF (WP) CCF

D. Survey numbers not qualifying Area & Canopy Density Criteria:

In the first Interim Report, the Committee undertook the Review of 747 survey numbers not meeting area & Canopy density criteria as per LISS IV Forest Cover Map 2014-15 (Forest Survey India) and based on the analysis of LISS IV Forest Cover Map 2014-15 (Forest Survey India, Google Timeline changes corroborated by LISS III Forest Cover Map 2012-13, North & South Goa Divisional history for offence cases, illegal felling, Tree Felling permissions, FCA & Court orders (if any) etc. and after detailed discussion and deliberations the committee decided that the 747 survey numbers are not qualifying the criteria to be identified as Private Forests.

In the Second interim report, the Review Committee, undertook review of other 322 survey numbers which are not qualifying Area & Canopy Density Criteria and based on the detailed analysis of North & South Goa Divisional history for offence cases, illegal felling, Tree Felling permissions, FCA & Court orders (if any) etc. and after detailed discussion and deliberations, the committee decided that additional 322 survey numbers are also not qualifying the criteria to be identified as Private Forests. This included some survey numbers for which map has been prepared by Thomas and Araujo Committee as it was found that the same was prepared on an ocular basis.

E. Report based on Enumeration results of Survey numbers fulfilling area and canopy criteria.

The field reports submitted by Sub-Committees were placed before the Review Committee. The Committee has reviewed the survey numbers qualifying as private Forests and conducted the hearing of objections/representations. In case of non-qualifying survey numbers based on enumeration results submitted by the Divisions/sub-committees, detailed analysis through Google Timeline change corroborated by LISS III FCM 2012-13, Division offence case, Tree Felling, FCA & Court order etc was done. Abstract of sub-committee report is enclosed as **Annexure III**. After detailed evaluation,

 ACF (N)
  ACF (S)
  AC (N)
  AC (S)
  DIR (DSLRL)
  DIR (AGRI)
  DCF (WP)
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deliberations and discussion on each report, the decision of the committee on these Survey Numbers is enclosed as **Annexure-IV**.

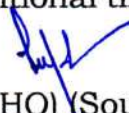
Summary of the Report

i) In the third interim report, by disposing of an additional 70 Survey Nos, a total 1306 out of 3195 Survey Nos has been completely disposed off. Details of such survey numbers are submitted to the Government as indicated in the Annexures, summary of which is reproduced below.

Progress achieved in review of private forests	Total number of Sy. Nos finalized by review committee	Qualifying Sy. Nos (area in Ha)	Non qualify ing Sy. Nos	Sy No. with Extent of Private Forests as per previous review committee under DCF (WP)/ Govt Forest
1 st Interim Report	858	10 (47.03 Ha)	750	98
2 nd Interim Report	378	05 (22.56 Ha)	351	22
3 rd Interim Report	70	09 (76.94 Ha)	61	-
Cumulative progress	1306	24(146.53 Ha)	1162	120

ii) Out of around 9183 Ha area qualifying canopy and area criteria, ground verification, enumeration & survey of area of approximately 5221 hectares have been completed as on 17.08.2021. Thus, enumeration of around 55% area is complete. With the onset of monsoon further field survey and demarcation works have been affected slowing down review work. Balance area (around 4000 Ha) is to be verified, surveyed & demarcated on ground after monsoon, for which additional time is essential.

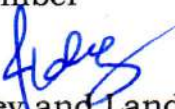

ACF (HQ) (North)
Member

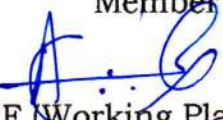

ACF (HQ) (South)
Member



Additional Collectors (North)
Member


Additional Collectors (South)
Member


Director (Agriculture)
Member


Director (Survey and Land Records)
Member


DCF (Working Plan)
Member Secretary


Chief Conservator of Forests
Chairman

 ACF (N)  ACF (S)  AC (N)  AC (S)  DIR (DSLRL)  DIR (AGRI)  DCF (WP)  CCF

29/N

Working Plan Division
Panaji - Goa**Note**

Subject: Interim report of the review committee constituted for identification of Private Forest provisionally identified by North and South Goa Forest Division Committees (also known as Thomas & Araujo Committee)

A committee (hereinafter referred as Review Committee"), to review identified Private Forest areas by North and South Goa Forest Division Committees (also known as Thomas & Araujo Committee) was constituted vide Government of Goa Notification No. (WP)/Pvt.For/ 1920/5170 dated 21/01/2020 under Chairmanship of CF(Conservation) and consisting of Additional Collectors (North and South), Director (Agriculture), Director (survey and Land Records), ACP (HQ) (North and South) with DCF (Working Plan) as Member Secretary. Vide Notification No. DCF (WP)/ Pvt. Forest/ 19-20/119 dated 18/06/2020, the Chief Conservator of Forest was appointed as committee Chairperson , copy at 13/C to 135/C

So far ten meetings of this review committee has taken place. The minutes of the meetings has been placed in the file at 136/C to 184/C respectively.

Progress of Review Committee so far:

1. All the Survey numbers (more than 3195 nos) included by the two Forest Division Committees (North and South Goa) - Thomas & Araujo Committee were digitized using the Regional Plan of Town & Country Planning Department, Government of Goa and records of Directorate of Survey & Land Records Department. All these provisionally identified private forest by earlier Thomas & Araujo committee report has been digitized.
2. The Forest Cover Map (FCM) of 2014-15 prepared by FSI constitutes polygons with more than 40% canopy and area more than 5 Ha and less than 5 Ha, with later analysed for proximity to Government Forest. Digitised Survey numbers of North and South Goa Divisions (Thomas and Araujo)committees have been superimposed on FCM maps/polygons of FSI for analysis
3. The enumeration of 9183 Ha (91.83 Sq. Km) approximate area is being carried out by 16 Nos. Sub-committee consisting of Range Forest Officers of Forest Department, Inspector of Survey and Land Records, Directorate of Land and Survey Department and Village Talathi of

Revenue Department, which are working under direct supervision of concerned territorial DCF.

4. The ground verification and enumeration has commenced from November, 2020 after the end of monsoon and still it is in progress. The sub-committees are inviting objectors, plotting sample plots @ 5% sampling intensity (*Similar method adopted by earlier review Committee in its report and the report was accepted by Hon'ble NGT in O.A. No. 479/2018*), marking and enumerating trees, preparing reports, preparing maps after survey for area qualifying. Concerned territorial Deputy Conservators of Forest are directly supervising and also providing support of equipment, manpower etc. As on date the teams has completed enumeration of an area of **2417 Ha** and it is anticipated to complete another **1500 Ha** of area before the onset of monsoon.

An interim report with Annexure I, II, III, IV and V of the review committee has been finalized, following the approved methodology to complete the assigned task, copy placed at 185/C , which is briefly reproduced below-

A. Survey Numbers identified as Private Forest by Sawant and Karapurkar committees and found repeated in Thomas & Araujo Committee :

Hon 'ble NGT in O.A. No. 479/2018 has accepted the Report on review of Survey Nos identified as Private Forests by Sawant and Karapurkar Committee. However, there are Survey Nos (partly or fully) of Sawant and Karapurkar committees, found repeated in Thomas & Araujo Committee. In view of Hon'ble NGT are not to be reviewed. There are a total 130 such survey numbers across 39 villages were analysed and out of which 88 have already been completely reviewed and remaining 42 Sy Nos along with its 56 Survey nos parts needs to be reviewed. (**Annexure I of the interim report**).

B. Survey Numbers demarcated by earlier demarcation team of Forest Department adjoining to sy Nos identified as Private Forest by Sawant and Karapurkar, included as such by previous review committee and accepted by Hon'ble NGT in O.A. No. 479/2018:

Similarly, a total of 39 Survey Nos. not of Sawant & Karapurkar committee but adjoining it has also been identified as Private Forest by earlier demarcation

team of Forest Department and the same has been reviewed as such by earlier Review Committee under the DCF (WP) and also accepted by Hon 'ble NGT as a Forest in 46.11 sq. km. area. In view of Hon 'ble NGT order, in 39 adjoining Sy Nos, 2 No. Sy Nos 25 and 101 of Keri (Sattari) are not to be reviewed, in the remaining 37 the undemarcated area will be reviewed by this Review Committee. **(Annexure II of the interim report)**

C. Survey Numbers recorded as Forests :

Further, there are a total 26 Sy. Nos. of recorded Forest which have been identified as Private Forest by Thomas & Araujo Committee in its report. It was decided to exclude Sy Nos. pertaining to Reserve Forest and to review Proposed Reserve Forest and Unclassified Forest under private ownership (If any) in the instant case for further analysis. **(Annexure III of the interim report)**

D. Survey numbers not qualifying Area & Canopy Density Criteria :

The Committee also undertook the Review and found 747 Survey Nos not meeting area & Canopy density criteria and after detailed discussion and deliberations decided to be not qualifying to be identified as Private Forests, based on the analysis of LISS IV Forest Cover Map 2014-15 (Forest Survey India) , Google Timeline changes corroborated by LISS III Forest Cover Map 2012-13, North & South Goa Divisional history for offence cases, illegal felling, Tree Felling permissions , FCA & Court orders etc., (if any) . **(Annexure IV of the interim report)**

E. Report based on Enumeration results of Survey numbers fulfilling area and canopy criteria.

An extensive ground verification, enumeration & survey exercise of qualifying Area and canopy criteria has been initiated since November 2020, to evaluate the Tree composition criteria. Based on the field analysis report following status of review work is as below (As on 10.04.2021)

Area in Ha

Divisions	Total area covered for enumeration	Status of review after completion of field enumeration				Remark
		Plan under Preparation for qualifying area	Plan completed and open for public hearing	Area qualified as Private Forest after public hearing	Area not qualified as Private Forest	
North	856.0	102.0	13.85	19.57	14.45	Balance area is under field verification and past history corroboration
South	1561.0	137.78	10.381	27.46	0.0	
Total	2417.0	239.78	24.231	47.03	14.45	


The Committee has reviewed, the survey numbers qualifying as Private Forests with public hearing and Non Private Forests based on enumeration results submitted by the Divisions/ sub-committees are enclosed (**Annexure V of interim report**).

Further, approximately as on date, the teams has completed enumeration of an area of **2417 Ha** and it is anticipated to complete another **1500 Ha** of area before the onset of monsoon. Public hearing of affected parties / owners/ objectioners whose areas are qualifying the criteria of private forest is in progress.

With this interim report out of 3195 total survey nos provisionally identified as Private forest by North and South Goa Forest Division Committees (also known as Thomas & Araujo Committee) around 860 Nos are fully disposed off and around another 100 are partly disposed off .

We may inform the concerned land owner / affected persons about disposal of their objections / applications after uploading the report on website as per the directions of Hon'ble NGT vide order dated 07.01.2021 for information of concerned arties

Submitted for kind perusal please.


(Anand S. Jadhav), 26/4/2021
Dy. Conservator of Forests ,
Working Plan Division,
Panaji - Goa.

No. : DCF(WP) / Pvt .For/ 16(THC)/2013(WZ)/19-20/83

Dated :- 26/04/2021

Working Plan Division
Panaji - Goa

NOTE

Subject: 2nd Interim Report of Review Committee on Private Forestsreg.

A committee (hereinafter referred as Review Committee"), to review Provisionally identified Private Forest areas by North and South Goa Forest Division Committees (also known as Thomas & Araujo Committee) was constituted vide Government of Goa Notification No. (WP)/Pvt. For/16(THC)/ 2013(WZ)/19-20/26 dated 21/01/2020 (with Conservator of Forests as Chairman) and Vide Notification No. DCF (WP)/Pvt. Forest/16(THC)/ 2013(WZ)/19-20/119 dated 18/06/2020 (The Chief Conservator of Forests was made the Chairperson). First Interim Report of the Review Committee disposing 858 Survey Nos was submitted to the Govt. approval vide DCF (Working Plan) office note dated 26.04.2021 which may be seen at **Annexure I**. For criteria and methodology 1st interim report may kindly be referred. Following the same criteria and methodology the Committee has undertaken further review work.

So far, eleven meetings of this Review Committee have taken place. In the 11th meeting of the Review Committee held on 10/6/2021, it was decided to submit the 2nd Interim Report in continuation to the First Interim Report, with the progress made in the review of additional Survey Numbers provisionally identified as private forest. Accordingly, the 2nd Interim report of the Review Committee has been finalized, following the approved methodology to complete the assigned task, copy placed at Flag/A.

Progress of Review Committee so far:

1. All the Survey numbers (more than 3195 nos) included by the two Forest Division Committees (North and South Goa) - Thomas & Araujo Committee were digitized using the Regional Plan of Town & Country Planning Department, Government of Goa and records of Directorate of Survey & Land Records Department. All these provisionally identified private forests by the earlier Thomas & Araujo committee report have been digitized. Survey Numbers for which Thomas and Araujo Committee had prepared plans have also been taken for review as it has been found that estimation of canopy density and species composition by Thomas and Araujo Committees was done ocularly.
2. The Forest Cover Map (FCM) of 2014-15 prepared by FSI constitutes polygons with more than 40% canopy and area more than 5 Ha and less than 5 Ha, with later analysed for proximity to Government Forest. Digitized Survey numbers of North and South Goa Divisions (Thomas and Araujo) committees have been superimposed on FCM maps/polygons of FSI for analysis.

3. The enumeration of 9183 Ha (91.83 Sq. Km) approximate area is being carried out by 16 Nos. Sub-committee consisting of Range Forest Officers of Forest Department, Inspector of Survey and Land Records, Directorate of Land and Survey Department and Village Talathi of Revenue Department, which are working under direct supervision of concerned territorial DCF.
4. The extensive ground verification and enumeration has been conducted in the field. As on date the teams have completed enumeration of an area of 4427 Ha of private forests before the onset of monsoon. Public hearing of affected parties/owners/objectioners whose areas are qualifying the criteria of private forest is simultaneously being done.
5. **Survey Numbers identified as Private Forest by Sawant and Karapurkar committees and found partly repeated in Thomas & Araujo Committee:**
There are a total of 130 such survey numbers across 39 villages were analysed partly/fully repeated and out of which 88 have been found fully repeated and accordingly status reported in the first Interim Report. Remaining 42 Survey Nos along with its 56 parts were reviewed by the Review Committee and the present Review Committee, after detailed analysis through Google Timeline change corroborated by LISS III FCM 2012-13, Division offence case, Tree Felling, FCA & Court order etc. found that in **05 Survey Numbers balance area does not qualify the criteria of private forests. (Annexure-II of the Interim report)**. Balance 37 survey numbers are still to be reviewed in the field.
6. **Survey Numbers identified as Private Forest by earlier demarcation team of Forest Department and found partly repeated in Thomas & Araujo Committee:**
In the first interim report, the Review Committee had found that out of total of 39 Survey numbers, adjoining Survey Nos of Sawant and Karapurkar Committee which were demarcated as Private Forests by earlier demarcation team of Forest Department during 2003-2008 were found fully/partly repeated in Survey Numbers identified by Thomas and Araujo Committee. In 1st interim report, two survey numbers were found fully repeated. Therefore, now the committee has reviewed the remaining 37 survey numbers and after detail analysis through Google Timeline change corroborated by LISS III FCM 2012-13, Division offence case, Tree Felling, FCA & Court order etc. found that in **17 Survey Numbers which are partly repeated, the balance area does not qualify the criteria for Private Forest (Annexure III of 2nd interim report)**. Balance 20 survey numbers are still to be reviewed in the field.
7. **Survey Numbers recorded as Government Forests and found mention as Private Forest by Thomas and Araujo Committee:**

Further, there are a total 26 survey numbers of recorded Forest which have been identified as Private Forest by Thomas & Araujo Committee in its report. In the first interim report, it was decided to exclude survey numbers pertaining to Reserve Forest and to review Proposed Reserve Forest and Unclassified Forest under private ownership (*if any*) in the instant case for further analysis. 8 Survey Numbers were found fully under Government ownership. **In the remaining 18 such survey numbers, no survey number could be excluded solely on area and canopy criteria.**

8. Survey numbers not qualifying Area & Canopy Density Criteria:

In the first Interim Report, the Committee undertook the Review of 747 survey numbers not meeting area & Canopy density criteria as per LISS IV Forest Cover Map 2014-15 (Forest Survey India) and based on the analysis of LISS IV Forest Cover Map 2014-15 (Forest Survey India, Google Timeline changes corroborated by LISS III Forest Cover Map 2012-13, North & South Goa Divisional history for offence cases, illegal felling, Tree Felling permissions, FCA & Court orders (if any) etc. and after detailed discussion and deliberations the committee decided that the 747 survey numbers are not qualifying the criteria to be identified as Private Forests.

Now the Review Committee, undertook review of other 322 survey numbers which are not qualifying Area & Canopy Density Criteria and based on the detailed analysis of North & South Goa Divisional history for offence cases, illegal felling, Tree Felling permissions, FCA & Court orders (if any) etc. and after detailed discussion and deliberations, the committee decided that **additional 322 survey numbers are also not qualifying the criteria to be identified as Private Forests. (Annexure-IV of the 2nd Interim Report).**

9. Report based on Enumeration results of Survey numbers fulfilling area and canopy criteria:

The field reports submitted by Sub-Committees were placed before the Review Committee. The Committee has reviewed the survey numbers qualifying as private Forests and conducted the hearing of objections/representations. In case of non-qualifying survey numbers based on enumeration results submitted by the Divisions/sub-committees, detailed analysis through Google Timeline change corroborated by LISS III FCM 2012-13, Division offence case, Tree Felling, FCA & Court order etc was done. After detailed evaluation, deliberations and discussion on each report, the decision of the committee on these 34 Survey Numbers is enclosed as **Annexure-V of the 2nd Interim Report.**

Thus, in the second Interim Report, by disposing of an additional 378 Survey Nos, a total 1236 out of 3195 Survey Nos has been completely

A/N

disposed off. Details of such survey numbers are submitted to the Government as indicated in the Annexures, summary of which is reproduced below.

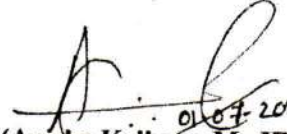
Progress achieved in review of private forests	Total number of Sy. Nos finalized by review committee	Qualifying Sy. Nos (area in Ha)	Non qualifying Sy. Nos	Sy No. with Extent of Private Forests as per previous review committee under DCF (WP)/ Govt Forest
1 st Interim Report	858	10 (47.03 Ha)	750	98
2 nd interim report	378	05 (22.56 Ha)	351	22
Cumulative progress	1236	15 (69.59 Ha)	1101	120

Out of around 9183 Ha area qualifying canopy and area criteria, ground verification, enumeration & survey of area of approximately 4427 hectares have been completed as on 10.06.2021. Thus, it can be seen that roughly 50% of the total area to be enumerated (9183 Ha) has been enumerated. With the onset of monsoon further field survey and demarcation works have been affected slowing down review work. Balance area (around 4500 Ha) is to be verified, surveyed & demarcated on ground after monsoon, for which additional time is essential.

We may, if agreed, submit the 2nd Interim Report to the Government for necessary approval.

After approval of the Government report may be uploaded on the Forest Department website for information of all concerned, as per the direction of Hon'ble NGT in its order dated 7.1.2021.

Submitted for kind perusal please.


01/07/2021
(Anisha Kalkoor, M., IFS)
Dy. Conservator of Forests,
Working Plan Division,
Panaji - Goa.

No. : DCF (WP)/Pvt .For/16(THC)/2013(WZ)/19-20/2 7C
Dated: 01.07.2021

CCF

F-149
01/07/2021

PROFORMA FOR VERIFICATION OF FORESTRY SPECIES COMPOSITION

Sheet No : 1

Taluka : Salcete

Village : Raia

Survey Number : 240

Sub Division :

Sr. No.	Common /Local Name	Scientific Name	Whether tree as per GPTA(atleast 10 cm dia at a height of 1m) from ground level	Forestry tree Species (Y/N)	Non Forestry tree Species (Y/N)	Total no of trees
1	Cashew	Anacarddium occidentale	Y		Y	1677
2	Khair	Acacia catechu	Y	Y		8
3	Bayo	Cassia fistula	Y	Y		3
4	Jambhal	Sizygium cumini	Y	Y		16
5	Trifal	Zanthoxylum rhetsa	Y	Y		12
6	Shiras	Albizia odoratissima	Y	Y		8
7	Mango	Mangifera indica	Y		Y	26
8	Shivan	Gmelina arborea	Y	Y		4
9	Kharwat	Ficus asperrima	Y	Y		6
10	Katekavach	Bridelia retusa	Y	Y		6
11	Kumyo	Carya arborea	Y	Y		9
12	Chanado	Macaranga peltata	Y	Y		5
13	Jackfruit	Artocarpus heterophyllus	Y		Y	8
14	Otamb	Artocarpus lakoocha	Y	Y		1
15	Saikindal	Carylia brachiata	Y	Y		11
16	Moi	Lannea cocomandelica	Y	Y		8
17	Bhirand	Garcinia indica	Y		Y	12
18	Karo	Strychnos nux-vomica	Y	Y		4
19	Bibo	Holigarna arnottiana	Y	Y		4
20	Teak	Tectona grandis	Y		Y	22
21	Kindal	Terminalia paniculata	Y	Y		9
22	Arjun	Terminalia Arjuna	Y	Y		4
23	Salay	Aporosa lindleyana	Y	Y		7
24	Ghoting	Terminalia bellerica	Y	Y		4
total						1874


F= 129


NF=1745

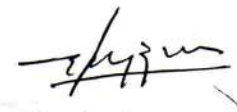
Forestry Species Composition= 6.88%


 Talathi


 Range Forest Officer


 Inspector of Land & Survey Record


 Land owner


 Field Surveyor

PROFORMA FOR VERIFICATION OF FORESTRY SPECIES COMPOSITION

Sheet No : 35

Taluka : Salcete

Village : Nuvem & Vema

Survey Number : 251 & 151

Sub Division :

Sr. No.	Common /Local Name	Scientific Name	Whether tree as per GPTA(atleast 10 cm dia at a height of 1m) from ground level	Forestry tree Species (Y/N)	Non Forestry tree Species (Y/N)	Total no of trees
1	Huro	Sapium insigne	Y	Y		16
2	Mango	Mangifera indica	Y		Y	121
3	Bhilomad	Cariota urens	Y	Y		445
4	Karo	Strychnos nux-vomica	Y	Y		133
5	Kindal	Terminalia paniculata	Y	Y		102
6	Kumyo	Carya arborea	Y	Y		32
7	Moi	Lannea cocomandelic	Y	Y		144
8	Daban	Grewia tiliifolia	Y	Y		143
9	Jambol	Sizygium cumini	Y	Y		56
10	Saton	Alstonia scholaris	Y	Y		12
11	Cashew	Anacardium occidentale	Y		Y	60
12	Oval	Mimusops elengi	Y	Y		35
13	Jack	Artocarpus heterophyllus	Y		Y	25
14	Teak	Tectona grandis	Y		Y	24
15	Bibo	Holigama amottiana	Y	Y		40
16	Otam	Artocarpus lakoocha	Y	Y		41
17	Char	Buchanania lanzan	Y	Y		25
18	Chanado	Macaranga peltata	Y	Y		36
19	Ghoting	Terminalia bellerica	Y	Y		17
20	Kudo	Holarrhena antidysenterica	Y	Y		12
21	Bhirand	Garcinia indica	Y		Y	14
22	Saikindal	Carylia brachiata	Y	Y		4
23	Salay	Aporosa lindleyana	Y	Y		11
24	Fudgas	Alseodaphne semecarpifolia	Y	Y		9
25	Kharvat	Ficus asperrima	Y	Y		12
26	Arjun	Terminalia Arjuna	Y	Y		10
27	Bayo	Cassia fistula	Y	Y		7
28	Maddi	Areca catechu	Y		Y	1507
					TOTAL	3093

$$\begin{aligned} \text{Spp Composition} &= \frac{1342}{3093} \times 100 \\ \text{Percent (\%)} &= \frac{\text{No. of forestry trees (m2)}}{\text{Total No. of trees (m2)}} \times 100 \\ &= 43.38\% \end{aligned}$$

Talathi
TALATHI OF NUVEM

[Signature]
Range Forest Officer

[Signature]
Inspector of Land & Survey Record

[Signature]
Land owner

11C

PROFORMA FOR VERIFICATION OF FORESTRY SPECIES COMPOSITION

Sheet No : 1

Taluka : Salcete

Village : Nuvem

Survey Number : 271

Sub Division : 1

Sr. No.	Common /Local Name	Scientific Name	Whether tree as per GPTA(atleast 10 cm dia at a height of 1m) from ground level	Forestry tree Species (Y/N)	Non Forestry tree Species (Y/N)	Total no of trees
1	Rubber	Hevea brasiliensis	Y		Y	2774
2	Mahagoni	Swietenia marcophylla	Y		Y	5987
3	Teakwood	Tectona grandis	Y		Y	991
4	Coconuts	Cocus nucifera	Y		Y	103
5	Arecanat	Areca catechu	Y		Y	578

F= 0

NF=10433

S. Chowdhury
09/11/2021
12:05 P.M.

Talathi Range Forest Officer

[Signature]
Inspector of Land & Survey Record

[Signature]
Land owner

[Signature]
Field surveyor

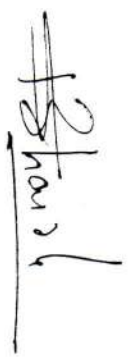
REPORT OF INSPECTION TEAM

TALUKA- Quepem
 VILLAGE-Cusmane
 KML Map-Sheet No. 28

ABSTRACT

Sr. No.	Range	Taluka	Village	Sample point No.	Sy.No.	Area (Ha)	No. of Trees Enumerated			Percentage of Forestry	Remarks
							Forestry	Non-Forestry	Total		
1	Quepem	Quepem	Cusmane	CSM1	53	5.1	4	9	13	30.76%	Does not qualify
2				CSM2			1	18	19	5.26%	Does not qualify
3				CSM3			5	11	16	31.25%	Does not qualify
4				CSM4			3	10	13	23.07%	Does not qualify


 Range Forest Officer
 Quepem-Cus


 Inspector of Land & Survey Records


 Inspector of Land & Survey Records

8/c

REPORT OF INSPECTION TEAM

aulc

TALUKA – Quepem.
 VILLAGE – Morpilla.
 KML map - Sheet No.29

ABSTRACT

Sr. No.	Range	Taluka	Village	Sy. No	Area (ha)	No. of Trees Enumerated			Percentage of Forestry Trees	Remarks
						Forestry	Non-forestry	Total		
1.	Pissonem	Quepem	Morpilla	22/1	5.96	207	485	692	29.91%	Does not qualify
				33/1		414	708	1122	36.89%	- do -

(Signature)

Range Forest Officer,
 Pissonem

REPORT OF INSPECTION TEAM

TALUKA: - Quepem

VILLAGE: - Morpila

KML map: - Sheet No. 100

ABSTRACT

Sr. No	Range	Taluka	Village	Sy.No.	Area (ha)	Sample point no.	No. of trees Enumerated			Percentage of Forestry Trees	Remark
							Forestry tree	Non-Forestry tree	Total		
1	Pissonem	Quepem	Morpila	14, 12, 11	7.80 ha	MRP3	05	18	23	21.74	Does not Quality
						MRP4	13	17	30	43.33	Does not Quality
						MRP5	04	19	23	17.39	Does not Quality
						MRP6	07	19	26	26.92	Does not Quality

RS
Talathi

RS
Range Forest Officer

Range Forest Officer,
Pissonem-Goa

Shal
Inspector of Land & Survey

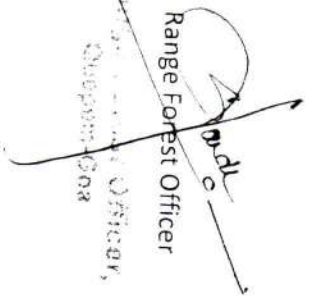
Inspector of Land & Survey
Pissonem-Goa


REPORT OF INSPECTION TEAM

TALUKA- Quepem
VILLAGE-Xelvona
KML Map-Sheet No. 55

ABSTRACT

Sr.No.	Range	Taluka	Village	Sample point No.	Sy.No.	Area (Ha)	No. of Trees Enumerated			Percentage of Forestry Trees	Remarks
							Forestry	Non-Forestry	Total		
1	Quepem	Quepem	Xelvona	XLV12	25	5.4	10	7	17	58.82%	Does not qualify
				XLV13			3	13	16	18.75%	Does not qualify
				XLV14			14	3	17	82.35%	Qualify
				XLV15	30	1.32	11	7	18	61.11%	Does not qualify
				XLV16	29	4.01	---	31	31	0.00%	Does not qualify
				XLV17			---	28	28	0.00%	Does not qualify
				XLV18			---	16	16	0.00%	Does not qualify
				XLV19			---	12	12	0.00%	Does not qualify
				XLV20	49	2.82	---	21	21	0.00%	Does not qualify


 Range Forest Officer
 Quepem Taluka


 Inspector of Land & Survey Records


 Talathi

REPORT OF INSPECTION TEAM

321C


TALUKA- Quepem
VILLAGE-Deao
KML Map-Sheet No. 106

ABSTRACT

Sr.No.	Range	Taluka	Village	Sample point No.	Sy.No.	Area (Ha)	No. of Trees Enumerated			Percentage of Forestry Trees	Remarks		
							Forestry	Non-Forestry	Total				
1	Quepem	Quepem	Deao	DEO1	100	16.37	2	7	9	22.22%	Does not qualify		
				DEO2			8	4	12	66.66%	Does not qualify		
				DEO3			16	6	22	72.72%	Does not qualify		
				DEO4			9	18	27	33.33%	Does not qualify		
				DEO5			6	7	13	46.15%	Does not qualify		
				DEO6			Paddy field						Does not qualify
				DEO7			---	17	17	0.00%	Does not qualify		
				DEO8			House						Does not qualify
				DEO9			6	11	17	35.29%	Does not qualify		
				DEO10			---	73	73	0.00%	Does not qualify		
				DEO11			---	30	30	0.00%	Does not qualify		
DEO12	4	23	27	14.81%	Does not qualify								
DEO13	10	11	21	47.61%	Does not qualify								
DEO14	4	7	11	36.36%	Does not qualify								
DEO15	5	11	16	31.25%	Does not qualify								
DEO16	3	21	24	12.50%	Does not qualify								
DEO17	13	19	32	40.62%	Does not qualify								
DEO18	1	19	20	5.00%	Does not qualify								
DEO19	6	14	20	30.00%	Does not qualify								
DEO20	6	18	24	25.00%	Does not qualify								
DEO21	---	25	25	0.00%	Does not qualify								
				101	21.47								

DEO22			2	23	25	8.00%	Does not qualify
DEO23			2	5	7	28.57%	Does not qualify
DEO24	102	2.09	4	11	15	26.66%	Does not qualify
DEO25			3	20	23	13.04%	Does not qualify
DEO26			8	11	19	42.10%	Does not qualify
DEO27	103	7.23	3	9	12	25.00%	Does not qualify
DEO28			2	26	28	7.14%	Does not qualify
DEO29	105	0.83	13	10	23	56.52%	Does not qualify
DEO30	104	0.40	20	22	42	47.61%	Does not qualify

Range Forest Officer



Inspector of Land & Survey Records




Talath

REPORT OF INSPECTION TEAM

TALUKA- Quepem
VILLAGE-Odar
KML Map-Sheet No. 110

ABSTRACT

Sr. No.	Range	Taluka	Village	Sample point No.	Sy. No.	Area (Ha)	No. of Trees Enumerated			Percentage of Forestry	Remarks
							Forestry	Non-Forestry	Total		
1	Quepem	Quepem	Odar	OD10	35	0.16	3	17	20	15.00% Forestry	Does not qualify


Range Forest Officer


Inspector of Land & Survey Records

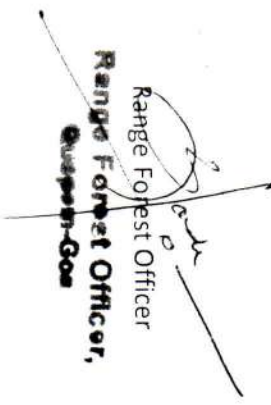

Talathi

REPORT OF INSPECTION TEAM


TALUKA- Quepem
VILLAGE- Cacora
KML Map-Sheet No. 130.

ABSTRACT

Sr.No.	Range	Taluka	Village	Sample point No.	SY.No.	Area (Ha)	No. of Trees Enumerated			Percentage of Forestry Trees	Remarks
							Forestry	Non-Forestry	Total		
1	Quepem	Quepem	Cacora	CAC 60	165	0.08	3	2	5	60.00%	Does not qualify
				CAC 61			22	---	22	100.00%	Qualify
				CAC 62			33	---	33	100.00%	Qualify
				CAC 63	170	6.61	26	---	26	100.00%	Qualify
				CAC 64			16	---	16	100.00%	Qualify
				CAC 65			16	---	16	100.00%	Qualify
				CAC 66			24	---	24	100.00%	Qualify
CAC 67	171	5.64	23	9	32	71.87%	Does not qualify				


 Range Forest Officer
 Quepem-Goa

Inspector of Land & Survey Records


 Talathi

Talathi

REPORT OF INSPECTION TEAM

TALUKA- Quepem
VILLAGE- Cacora
KML Map-Sheet No.137.

ABSTRACT

Sr.No.	Range	Taluka	Village	Sample point No.	Sy.No.	Area (Ha)	No. of Trees Enumerated			Percentage of Forestry Trees	Remarks
							Forestry	Non-Forestry	Total		
				CAC 15	52	12.64	16	4	20	80.00%	Quality
				CAC 16			9	7	16	56.25%	Does not qualify
				CAC 17			17	3	20	85.00%	Quality
				CAC 18			14	4	18	77.77%	Quality
				CAC 19			30	8	38	78.94%	Quality
				CAC 20			4	13	17	23.52%	Does not qualify
				CAC 21	53	4.33	10	4	14	71.42%	Does not qualify
				CAC 22			9	21	30	30.00%	Does not qualify
				CAC 23			16	11	27	59.25%	Does not qualify
				CAC 24			5	2	7	71.42%	Does not qualify
				CAC 25			11	12	23	47.82%	Does not qualify
				CAC 26			8	22	30	26.66%	Does not qualify
				CAC 27	55	3.64	12	14	26	46.15%	Does not qualify
				CAC 28			24	13	37	64.86%	Does not qualify
				CAC 29			3	12	15	20.00%	Does not qualify
				CAC 30			12	28	40	30.00%	Does not qualify
				CAC 31			6	37	43	13.95%	Does not qualify
				CAC 32			13	26	39	33.33%	Does not qualify
				CAC 33	50	15.65	17	12	29	58.62%	Does not qualify
				CAC 34			10	18	28	35.71%	Does not qualify
				CAC 35			5	45	50	10.00%	Does not qualify
				CAC 36			6	15	21	28.57%	Does not qualify

1		Quepem	Quepem	Cacora				
CAC 37	61	1.936	7	20	27	25.92%	Does not qualify	
CAC 38			17	1	18	94.44%	Qualify	
CAC 40			...	27	27	0.00%	Does not qualify	
CAC 41	62	5.75	7	7	14	50.00%	Does not qualify	
CAC 42			2	27	29	6.89%	Does not qualify	
CAC 43			11	3	14	78.57%	Qualify	
CAC 49			1	9	10	10.00%	Does not qualify	
CAC 44			13	8	21	61.90%	Does not qualify	
CAC 45	64	0.72	11	9	20	55.00%	Does not qualify	
CAC 46			5	17	22	22.72%	Does not qualify	
CAC 47	63	1.48	2	2	4	50.00%	Does not qualify	
CAC 48			16	8	24	66.66%	Does not qualify	
CAC 49	67	1.5	8	18	26	30.76%	Does not qualify	
CAC 50	70	0.44	7	23	30	23.33%	Does not qualify	
CAC 51			8	8	16	50.00%	Does not qualify	
CAC 52	44	5.87	18	1	19	94.73%	Qualify	
CAC 53			16	5	21	76.19%	Qualify	
CAC 54			19	...	19	100.00%	Qualify	
CAC 55			4	30	34	11.76%	Does not qualify	
CAC 56	45	5.61	1	40	41	2.43%	Does not qualify	
CAC 57			11	16	27	40.74%	Does not qualify	
CAC 58			5	17	22	22.72%	Does not qualify	
CAC 59	72	0.32	No trees					Does not qualify
CAC 68			8	17	25	32.00%	Does not qualify	
CAC 69			4	9	13	30.76%	Does not qualify	
CAC 70	46	10.22	1	25	26	3.84%	Does not qualify	
CAC 71			3	20	23	13.04%	Does not qualify	
CAC 72			13	35	48	27.08%	Does not qualify	
CAC 73	51	1.04	5	8	13	38.46%	Does not qualify	


 Range Forest Officer
 Quepem-Goa

Inspector of Land & Survey Records


 Talathi:

Talathi:

REPORT OF INSPECTION TEAM

TALUKA- Quepem
 VILLAGE-Sulcorna
 KML Map-Sheet No. 136

ABSTRACT

Sr N	Range	Taluka	Village	Sample point No.	Sy.No.	Area (Ha)	No. of Trees Enumerated			Percentage of Forestry Trees	Remarks
							Forestry	Non-Forestry	Total		
				SUL 4	40	4.20	28	0	28	100.00%	Quality
				SUL 5			47	0	47	100.00%	Quality
				SUL 6			61	0	61	100.00%	Quality
				SUL 7			59	0	59	100.00%	Quality
				SUL 8			43	0	43	100.00%	Quality
				SUL 9	38	11.80	36	3	39	92.30%	Quality
				SUL 10			54	0	54	100.00%	Quality
				SUL 11			44	0	44	100.00%	Quality
				SUL 12			0	108	108	0.00%	Does not qualify
				SUL 13	37	4.70	40	0	40	100.00%	Does not qualify
				SUL 14			12	17	29	41.37%	Does not qualify
				SUL 15			22	0	22	100.00%	Quality
				SUL 16			31	0	31	100.00%	Quality
				SUL 17	36	14.96	19	0	19	100.00%	Quality
				SUL 18			14	8	22	63.63%	Does not qualify
				SUL 19			17	7	24	70.83%	Does not qualify
				SUL 20			3	40	43	6.97%	Does not qualify

SUL	Quepem	Quepem	Sulcorra	SUL	2	23	25	8.00%	Does not qualify												
										19	10.21	16	10	26	61.53%	Does not qualify					
SUL 21	1	Quepem	Sulcorra	SUL 21	2	23	25	8.00%	Does not qualify												
SUL 22										19	10.21	16	10	26	61.53%	Does not qualify					
SUL 23																	44	0	44	100.00%	Quality
SUL 24																					
SUL 25										18	13.93	49	0	49	100.00%	Quality					
SUL 26																	39	0	39	100.00%	Quality
SUL 27																					
SUL 28																	32	0	32	100.00%	Quality
SUL 29																					
SUL 30																	33	5	38	86.84%	Quality
SUL 31										28	4	32	87.50%	Quality							
SUL 32															21	5	26	80.76%	Quality		
SUL 33										21	3	23	86.95%	Quality							
SUL 34															24	1	25	96.00%	Quality		
SUL 35										7	5	12	58.33%	Does not qualify							
SUL 36															10	17	27	37.03%	Does not qualify		
SUL 37										29	6.75	47	0	47						100.00%	Quality
SUL 38															20	0	20	100.00%	Quality		
SUL 39																					
SUL 40	26	7.30	24	0	24	100.00%	Quality														
SUL 41								13	10	23	56.52%	Does not qualify									
SUL 42													14	7	21	66.66%	Does not qualify				
SUL 43								34	5	39	87.17%	Quality									
SUL 44	14	4.19	35	0	35	100.00%	Quality														
SUL 45								45	2	47	95.74%	Quality									
SUL 46													18	10	28	64.28%	Does not qualify				
SUL 47	Not done																				
SUL 48	Not done																				

Range Forest Officer

Quepem 1999

Inspector of Land & Survey Records

Tatathi

PROFORMA FOR VERIFICATION OF FORESTRY SPECIES COMPOSITION

Point No.	22	G.P.S Reading	
Taluka	Ponda	1	N 15 25 04.98 E 74 05 59.75
Village	Pilliem	2	N 15 25 03.84 E 74 05 59.58
Survey No.	16	3	N 15 25 03.45 E 74 05 59.13
Sub Div		4	N 15 25 04.75 E 74 05 58.11
Sheet No.	38	5	N 15 25 04.28 E 74 05 58.93

Sr. No.	Tree No.	Common Name/Local Name	Scientific Name	weather > 5 cm dia at 30 cm Height from ground level & Height > 1	Forestry tree species (Y/N)	Non Forestry tree species (Y/N)	Remark
1	1	Chanado	<i>Macavanga peltata</i>	0.38	Yes	No	
2	2	Kumyo	<i>Careya arborea</i>	0.45	Yes	No	
3	3	kindal	<i>Terminalia peniculata</i>	0.98	Yes	No	
4	4	Chanado	<i>Macavanga peltata</i>	0.32	Yes	No	
5	5	Zambo	<i>Xylia xylocarpa</i>	0.35	Yes	No	
6	6	Zambo	<i>Xylia xylocarpa</i>	0.40	Yes	No	
7	7	char	<i>Bassia latifolia</i>	0.61	Yes	No	
8	8	Zambo	<i>Xylia xylocarpa</i>	0.92	Yes	No	
9	9	Zambo	<i>Xylia xylocarpa</i>	0.78	Yes	No	
10	10	Kumyo	<i>Careya arborea</i>	0.32	Yes	No	
11	11	Sirus	<i>Albizia lebbak</i>	0.59	Yes	No	
12	12	Zambo	<i>Xylia xylocarpa</i>	0.73	Yes	No	
13	13	Zambo	<i>Xylia xylocarpa</i>	0.69	Yes	No	
14	14	Ghoting	<i>Terminalia billierica</i>	0.93	Yes	No	
15	15	Bhirand	<i>Gateinia indica</i>	0.73	No	Yes	
16	16	kindal	<i>Terminalia peniculata</i>	0.91	Yes	No	
17	17	Kumyo	<i>Careya arborea</i>	0.33	Yes	No	
18	18	Zambo	<i>Xylia xylocarpa</i>	0.31	Yes	No	
19	19	Kumyo	<i>Careya arborea</i>	0.51	Yes	No	
20	20	kudo	<i>Tabernamontana heyneana</i>	0.34	Yes	No	
21	21	kindal	<i>Terminalia peniculata</i>	0.78	Yes	No	
22	22	Zambo	<i>Xylia xylocarpa</i>	0.31	Yes	No	
23	23	Kumyo	<i>Careya arborea</i>	0.68	Yes	No	
24	24	Cashew	<i>Anacardium occidentale</i>	0.31	No	Yes	
25	25	Kudo	<i>Tabernamontana heyneana</i>	0.35	Yes	No	
26	26	Zambo	<i>Xylia xylocarpa</i>	1.25	Yes	No	
27	27	Zambo	<i>Xylia xylocarpa</i>	0.75	Yes	No	
28	28	kindal	<i>Terminalia peniculata</i>	0.53	Yes	No	
29	29	Kumyo	<i>Careya arborea</i>	0.61	Yes	No	
30	30	karo	<i>Strychnos nux vomica</i>	0.32	Yes	No	
31	31	karo	<i>Strychnos nux vomica</i>	0.36	Yes	No	
32	32	Zambo	<i>Xylia xylocarpa</i>	0.58	Yes	No	
33	33	kindal	<i>Terminalia peniculata</i>	0.61	Yes	No	

34	34	kindal	<i>Terminalia peniculata</i>	0.65	Yes	No	
35	35	Zambo	<i>Xylia xylocarpa</i>	0.64	Yes	No	

Species Composition = $\frac{\text{No's of Forestry Species} \times 100}{\text{Total number of trees}}$
 $\frac{33 \times 100}{35}$
 94.29

R.K. Gankar
 Forest Guard

Ravi
 Round Forester

[Signature]
 Range Forest Officer

[Signature]
 Talathi

[Signature]
 Inspector of Land & survey
 Records

P.G.V.
 Land owner / Representative

Talathi of Dharbandora
 Dharbandora Taluka

PROFORMA FOR VERIFICATION OF FORESTRY SPECIES COMPOSITION

Point No. 3
 Taluka Ponda
 Village Pilliem
 Survey No. 7
 Sub Div
 Sheet No. 38

G.P.S Reading
 1 N 15 25 18.10 E 74 05 49.00
 2 N 15 25 18.20 E 74 05 49.60
 3 N 15 25 19.70 E 74 05 50.10
 4 N 15 25 19.80 E 74 05 49.50
 5 N 15 25 18.90 E 74 05 49.30

Sr. No.	Tree No.	Common Name/Local Name	Scientific Name	weather > 5 cm dia at 30 cm Height from ground level & Height > 1	Forestry tree species (Y/N)	Non Forestry tree species (Y/N)	Remark
1	1	Teak	<i>Tectona grandis</i>	1.05	No	Yes	
2	2	Teak	<i>Tectona grandis</i>	0.92	No	Yes	
3	3	Kindal	<i>Terminalia peniculata</i>	0.55	Yes	No	
4	4	Kindal	<i>Terminalia peniculata</i>	1.02	Yes	No	
5	5	Kindal	<i>Terminalia peniculata</i>	0.93	Yes	No	
6	6	Kindal	<i>Terminalia peniculata</i>	0.58	Yes	No	
7	7	Kindal	<i>Terminalia peniculata</i>	1.12	Yes	No	
8	8	Kindal	<i>Terminalia peniculata</i>	0.56	Yes	No	
9	9	Matti	<i>Terminalia tomentosa</i>	0.65	Yes	No	
10	10	Matti	<i>Terminalia tomentosa</i>	0.61	Yes	No	
11	11	Kindal	<i>Terminalia peniculata</i>	0.59	Yes	No	
12	12	Kindal	<i>Terminalia peniculata</i>	0.98	Yes	No	
13	13	Nano	<i>Lagerstromia lanceolata</i>	0.38	Yes	No	
14	14	Matti	<i>Terminalia tomentosa</i>	0.78	Yes	No	
15	15	Kumyo	<i>Careya arborea</i>	0.55	Yes	No	
16	16	Kindal	<i>Terminalia peniculata</i>	0.67	Yes	No	
17	17	Kindal	<i>Terminalia peniculata</i>	0.59	Yes	No	
18	18	Kumyo	<i>Careya arborea</i>	0.53	Yes	No	

$$\text{Species Composition} = \frac{\text{No's of Forestry Species} \times 100}{\text{Total number of trees}}$$

$$= \frac{16 \times 100}{18}$$

$$= 88.89$$

Gambor
 R.K. Gambor
 Forest Guard

Beles
 Round Forester

[Signature]
 Range Forest Officer
 RANGE FOREST OFFICER
 Ponda - Goa

[Signature]
 Talathi
 30/3/21

[Signature]
 Inspector of Land & survey
 Records

[Signature]
 Land owner / Representative
 ed 21/1/21

Talathi of Dharbandora
 Dharbandora Taluka

Sheet No:- 38

Taluka : Dharbandora

Village :- Pilliem

Survey Number :- 15

Sub Division :-

Sr. No.	Tree No.	Common / Local Name	Scientific Name	Wether > 5 cm dia at 30 cm Height from ground level & Height > 1 m	Forestry tree Species (Y / N)	Non Forestry tree Species (Y/ N)	Remark
6049	6049	Zambo	<i>Xylocarpa xylocarpa</i>	0.92	Yes	No	
6050	6050	Zambo	<i>Xylocarpa xylocarpa</i>	0.84	Yes	No	
6051	6051	Zambo	<i>Xylocarpa xylocarpa</i>	0.65	Yes	No	
6052	6052	Zambo	<i>Xylocarpa xylocarpa</i>	0.89	Yes	No	
6053	6053	Zambo	<i>Xylocarpa xylocarpa</i>	0.65	Yes	No	
6054	6054	Kindal	<i>Terminalia peniculata</i>	0.84	Yes	No	
6055	6055	Kindal	<i>Terminalia peniculata</i>	0.73	Yes	No	
6056	6056	Zambo	<i>Xylocarpa xylocarpa</i>	0.61	Yes	No	
6057	6057	Zambo	<i>Xylocarpa xylocarpa</i>	0.59	Yes	No	
6058	6058	Zambo	<i>Xylocarpa xylocarpa</i>	0.33	Yes	No	

$$\text{Species Composition} = \frac{\text{No's of Forestry Species} \times 100}{\text{Total number of trees}}$$

$$= \frac{5925 \times 100}{6058}$$


$$= 97.80$$

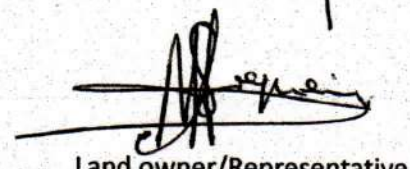

Forest Guard


Round Forester


Range Forest Officer


Talathi


Inspector of Land & Survey record


Land owner/Representative

Talathi of Dharbandora
Dharbandora Taluka

ABSTRACT

Sr.No.	Range	Taluka	Village	Sample point No	Sy.No.	Area (Ha)	No. of trees enumerated			Percentage of Forestry trees	Remarks
							Forestry	Non-Forestry	Total		
16				DBL 16			3	7	10	30%	Does not quality
17				DBL 17			2	8	10	20%	Does not quality
18		Mormugao	Dabolim	DBL 18			5	8	13	38.46%	Does not quality
19				DBL 19			2	19	21	9.52%	Does not quality
20				DBL 20			1	35	36	2.77%	Does not quality
21				DBL 21			0	34	34	0%	Does not quality

[Signature]
Range Forest Officer
Curdi Range

[Signature]
Inspector of land
and survey records

[Signature]
Talathi
Talathi of Chicalim Saza

121c

Sheet No

ABSTRACT

Sr.No.	Range	Taluka	Village	Sample point No	No. of trees enumerated			Percentage of Forestry trees	Remarks
					Forestry	Non-Forestry	Total		
1	Curdi Mormugao Sancoale			Sancv1	22	1	23	95.65%	Quality
2				Sancv2	28	3	31	90.32%	Quality
3				Sancv3	30	9	39	76.92%	Quality
4				Sancv4	19	17	36	52.77%	Does not qualify
5				Sancv5	23	2	25	92.00%	Quality
6				Sancv6	9	14	23	39.13%	Does not qualify
7				Sancv7	22	9	31	70.96%	Does not qualify
8				Sancv8	18	0	18	100%	Quality
9				Sancv9	36	2	38	94.73%	Quality
10				Sancv10	8	11	19	42.10%	Does not qualify
11				Sancv11	24	15	39	61.53%	Does not qualify
12				Sancv12	8	23	31	25.80%	Does not qualify
13				Sancv13	41	2	43	95.34%	Quality
14				Sancv14	28	4	32	87.50%	Quality
15				Sancv15	29	8	37	78.37%	Quality
16				Sancv16	35	4	39	89.74%	Quality
17				Sancv17	2	13	15	13.33%	Does not qualify
18				Sancv18	4	27	31	12.90%	Does not qualify
19				Sancv19	11	25	36	30.55%	Does not qualify
20				Sancv20	10	15	25	40%	Does not qualify
21				Sancv21	24	4	28	86%	Quality
22				Sancv22	24	15	39	61.53%	Does not qualify
23				Sancv23	7	13	20	35%	Does not qualify
24				Sancv24	28	0	28	100%	Quality
25				Sancv25	13	0	13	100%	Quality
26				Sancv26	12	49	61	19.67%	Does not qualify

27			Sanc#27	38	1	39	97.43%	Quality
28			Sanc#28	21	3	24	87.50%	Quality
29			Sanc#29	4	17	21	19.04%	Does not quality
30			Sanc#30	8	22	30	26.66%	Does not quality
31			Sanc#31	26	0	26	100%	Quality
32			Sanc#32	4	7	11	36.36%	Does not quality
33			Sanc#33	27	7	34	79.41%	Quality
34			Sanc#34	8	19	27	29.62%	Does not quality
35			Sanc#35	1	38	39	2.56%	Does not quality
36			Sanc#36	17	13	30	56.66%	Does not quality

Amk
 Range Forest Officer
 Curdi Range

Ambe
 Inspector of Land
 and survey records

Ambe
 Talathi

Detailed findings of the Review Committee after field verification for the areas fulfilling 40% canopy density & 5 Ha area as per Forest Cover Map of India.

Detailed findings of the Review Committee after field verification for the areas fulfilling 40% canopy density & 5 Ha area as per Forest Cover Map of Forest Survey of India.

Sr.No	Taluka	Village	Survey number Identified by the North & South Goa SLEC	Survey number fulfilling 40% canopy density & 5Ha area as per forest cover map 2014-15 LISS IV of Forest Survey of India	Map Sheet Number	Area of patch as per LISS IV satellite image ha (Approx.)	Canopy Density > 40%	Patch more than 5 Ha	Whether Contiguous to Govt. Forests / Earlier identified forest	EXTENT OF AREA QUALIFYING AS PRIVATE FOREST (HA)	Decision of Review Committee after analysis based on LISS IV FCM 2014-15 (FSI), Google Timeline change corroborated by LISS III FCM 2012-13, public hearing, review of objection, Division offence case, Tree Felling, FCA & Court order etc., if any)
1	Salcete	Raia	240(P)	Yes	33	5.44	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
2			261	Yes	33	0.01	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
3		Verna	151	Yes	35	1.62	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
4			152	Yes	35	0.04	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest

ACF (N)

ACF(S)

AC(N)

AC (S)

DIR (DSTR)

DIR (AGRI)

DCF (WP)

CCF

Detailed findings of the Review Committee after field verification for the areas fulfilling 40% canopy density & 5 Ha area as per Forest Cover

Map of Forest Survey of India.

5		Nuvem	251	Yes	35	6.36	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
6			245	Yes	42	0.14	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
7			234	Yes	42	0.06	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
8			228	Yes	42	0.01	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
9			227	Yes	42	0.01	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
10	Quepem	Cusumne	53(P)	Yes	28	5.1	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
11			54(P)	Yes	28	0.01	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
12		Morpila	22(P)	Yes	29	2.2	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
13			33(P)	Yes	29	3.31	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest

 AOF (N)
  AOF (S)
  AC (N)
  AC (S)
  DIR (DSLR)
  DIR (AGRI)
  DCF (M)
  CCF

Detailed findings of the Review Committee after field verification for the areas fulfilling 40% canopy density & 5 Ha area as per Forest Cover

Map of Forest Survey of India.

14			11(P)	Yes	100	0.01	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
15		Xelvona	29(P)	Yes	55	4.01	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
16			49(P)	Yes	55	2.82	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
17		Deao	105(P)	Yes	106	0.83	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
18		Odar	35(P)	Yes	110	0.16	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
19		Cacora	165(P)	Yes	130	0.08	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
20			45(P)	Yes	137	5.61	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
21			46(P)	Yes	137	10.22	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
22			51(P)	Yes	137	1.04	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest

 A.G.F. (N)
  A.C.F.S. (S)
  A.C. (N)
  A.C. (S)
  D.I.R. (D.S.L.R.)
  D.I.R. (A.G.R.I.)
  D.C.F. (W.P.)
  C.C.F.

Detailed findings of the Review Committee after field verification for the areas fulfilling 40% canopy density & 5 Ha area as per Forest Cover

Map of Forest Survey of India.

23			53(P)	Yes	137	4.33	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
24			55(P)	Yes	137	3.64	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
25			61(P)	Yes	137	1.936	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
26			63(P)	Yes	137	1.48	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
27			67(P)	Yes	137	1.5	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
28			70(P)	Yes	137	0.44	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
29			72(P)	Yes	137	0.32	Yes	Yes	No	0	The area does not qualify the criteria of Private Forest
30		Sulcorra	18(P)	Yes	136	13.93	Yes	Yes	Yes	14.3412	Part area is identified as private forests
31			21(P)	Yes	136	2.89	Yes	Yes	No	3.61	Part area is identified as private forests
32			29(P)	Yes	136	6.75	Yes	Yes	No	7.29	Part area is identified as private forests
33			36(P)	Yes	136	14.96	Yes	Yes	No	4.0634	Part area is identified as private forests

ADP (N)

ACR(S)

AO (N)

AC (S)

DIR (DSL)

DIR (AGR)

DCF (WP)

CCF

Detailed findings of the Review Committee after field verification for the areas fulfilling 40% canopy density & 5 Ha area as per Forest Cover

Map of Forest Survey of India.

34			37(P)	Yes	136	4.7	Yes	Yes	Yes	Yes	2.2037	Part area is identified as private forests
35			40(P)	Yes	136	4.2	Yes	Yes	Yes	Yes	3.84	Part area is identified as private forests
36	Dharbandora	Pillim	7	Yes	38	8.26	Yes	Yes	Yes	Yes	5.02	Part area is identified as private forests
37			15	Yes	38	18.64	Yes	Yes	Yes	No	17.21	Part area is identified as private forests
38			16	Yes	38	19.62	Yes	Yes	Yes	Yes	19.36	Part area is identified as private forests
39	Mormugao	Dabolim	42	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
40			42/7-A	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
41			42/7-C	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
42			42/7-C-1	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
43			24	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
44			29	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest

ACF (N)

ACF(S)

AC(N)

AC(S)

DIR (DSTR)

DIR (AGRI)

DCF (WP)

CCF

Detailed findings of the Review Committee after field verification for the areas fulfilling 40% canopy density & 5 Ha area as per Forest Cover

Map of Forest Survey of India.

45		28	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
46		21	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
47	Sancoale	199/1	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
48		199/5	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
49		199/6	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
50		214	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
51		216	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
52		219	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
53		217	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest

 ACF (N)
  ACF (S)
  AO (N)
  AC (S)
  DIR (DSL)
  DIR (AGR)
  DCF (WP)
  CCF

Detailed findings of the Review Committee after field verification for the areas fulfilling 40% canopy density & 5 Ha area as per Forest Cover

Map of Forest Survey of India.

54			218	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
55			224	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
56			114	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
57			124	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
58			194	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
59			200	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
60			113	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
61			205	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
62			225	No	-	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest

ACF (N)

ACF(S)

AC (N)

AC (S)

DIR (DSIR)

DIR (AGR)

DCF (WP)

CCF

Detailed findings of the Review Committee after field verification for the areas fulfilling 40% canopy density & 5 Ha area as per Forest Cover

Map of Forest Survey of India.

63			223/1	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
64			223/2-A	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
65			213/1	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
66			213/2	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
67			258	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
68			277	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
69			285/6	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
70			278	No	-	-	-	-	No	-	The area does not qualify the criteria of Private Forest
			156.686							76.9383	

 ACF (N)
  ACF (S)
  AC (N)
  AC (S)
  DIR (S)
  DIR (A)
  DCF (WP)
  CCF