

FINAL REPORT

RPG-2 I

REGIONAL PLAN FOR GOA - 2021

RELEASE TWO

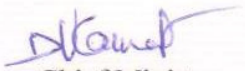
STATE LEVEL COMMITTEE FOR REGIONAL PLAN FOR GOA -2021

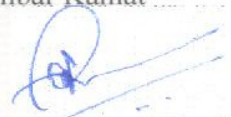
STATE LEVEL COMMITTEE FOR RPG-2021

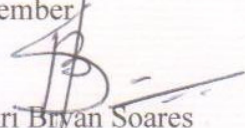
Government on the recommendation of the Town & Country Planning Board (133rd Meeting) held on 29.9.2008 constituted a State Level Committee for the purpose of the Regional Plan for Goa 2021 which was notified for inviting comments on the Official Gazette Series III no. 29 dated 16.10.2008.

The State Level Committee members were appointed vide order no. 29/8/TCP/TF/RP-2021/VPM/08/4507 dated 28.11.08 and 29/8/TCP/TF/RP-2021/VPM/08-09/738 dated 12.2.2008

The SLC hereby submits its Final Report RPG 2021 – Release Two for acceptance and notification.

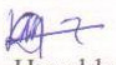

Hon. Chief Minister
Shri Digambar Kamat
Chairman

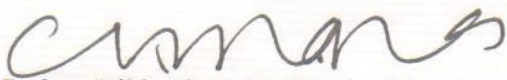

Shri T.M. Balkrishnan
Secy. Town & Country Planning Dept.
Member

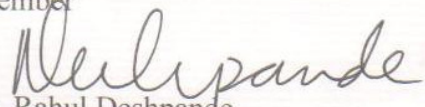

Shri Bryan Soares
Chairman, Indian Institute of Architects
Member

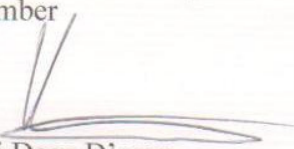

Shri S.T. Puttaraju
Sr. Town Planner
Member

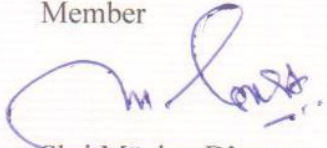

Chief Town Planner
Member & Convenor

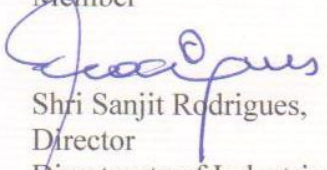

Shri D.A. Havaladar
Director of Municipal Administration
Member


Padma Vibhushan Ar. Charles Correa
Ex-Vice Chairman Task Force
Member


Er. Rahul Deshpande
Ex-Member Task Force
Member


Shri Dean D'cruz
Ex-Member Task Force
Member


Shri Menino D'souza
Director of Panchayats
Member


Shri Sanjit Rodrigues,
Director
Directorate of Industries,
Trade & Commerce
Member

CONTENTS	Pg. No.
Chapter 1 INTRODUCTION	01
Chapter 2 MINING	03
2.1 INTRODUCTION	
2.2 BACKGROUND	
2.3 IMPACT OF MINING	
2.4 MAPPING MINES	
2.5 RECOMMENDATIONS	
Chapter 3 NEW AND MODIFIED POLICIES	15
3.1 POLICY ON TRIBAL SETTLEMENTS AND PROTECTION OF TRIBAL RIGHTS	
3.2 MANAGEMENT OF HAZARDOUS INDUSTRIAL WASTE	
3.3 WATER CONSERVATION	
3.4 GROWTH HUB AT DHARBANDHORA-planning and development	
Chapter 4 ADDENDUM AND CLARIFICATIONS	18
4.1. LAND USE INTERPRETATION OF ADDITIONAL INDICES INTRODUCED IN RELEASE TWO	
4.2. FAR ADDENDUM	
APPENDICES	23

I. INTRODUCTION

- 1.1 This Report (Release Two of the Final RPG-2021) is issued by the State Level Committee (SLC) that was set up to process the public comments received in response to the Draft RPG-21.
- 1.2 'Release-One' of the Final RPG-21 Report along with Surface Utilization Plan of the two talukas of Pernem and Canacona Talukas was notified on 24 November 2010 in the Official Gazette (see **Appendix I**).
- 1.3 Surface Utilization Plans of 3 more talukas -Quepem, Ponda, and Sattari have since been released (see **Appendix III**). Surface Utilization Plans of an additional three talukas- Bicholim, Sanguem, and the newly formed taluka of Dharbandora- (**See Appendix II A and B**) have since been prepared. Release Two includes the Surface Utilization Plans and the area statements of all six talukas- Quepem, Ponda, Sattari, Bicholim, Sanguem and Dharbandora (see **Appendices X-XVII**). These Surface Utilisation Plans have raised some of the most crucial issues that Goa faces including forests, mining and water resources.
- 1.4 Some new and modified policies are included in this Report (see *Chapter 3*). These are regarding:
 - a) Tribal Settlements and Tribal Rights
 - b) Management of Hazardous Industrial Waste
 - c) Water Conservation
 - d) Growth Hub at Dharbandhora -planning and development

1.5 Further some addenda and clarifications of points raised in Release One are included in this Report. (see *Chapter 4*)

1.6 Plan Finalization

The remaining four talukas, Bardez, Tiswadi, Mormogao and Salcete with further issues, if any, and their Surface Utilisation Plans will be addressed in subsequent Releases of the Final RPG-21 along with the Final Regional Plan RPG-2021.

2. MINING

2.1 INTRODUCTION

Goa is a very small state with little over 0.1% of India's land mass - and yet it accounts for a disproportional share of all the mining leases granted nationwide.

But these statistics do not reveal the whole picture. In addition to the 117 operating mining leases, that cover 259 sq kms of land in the State, there is considerable extensive mining outside lease areas, reject dumps and existing quarries for minor minerals. Moreover, a number of these mines are located within environmentally sensitive areas like prime forest areas designated ESZ-I. While mining activities do result in short-term economic benefits to the area, the environmental fallout of mining is disastrous. (see Section 2.3)

Despite this, today Goa's iron ore reserves are being extracted relentlessly for export. Considering that all mineral wealth is finite and limited, what should Goa's future mining policy be? Answering this crucial question involves mapping accurately just how many active mines there are, and the precise location of each one. In order to ascertain the active mining leases in current operation, the SLC fixed a time frame and mapped as valid working mines only those mines that have been active during this period (as given to the SLC by the Dept of Mines and Geology). Accordingly, the period from October 2008, (the date of notification of draft Regional Plan 2021) up to December 2010 was chosen by the State Level Committee (SLC). **It must be emphasized that the mapping of these mines does not confer any legality as they are subject to other clearances, e.g. Ministry of Environment and Forest, Pollution Control Board, Standing Committee, National Board of Wildlife, Forest Dept, etc.**

On this key issue of mining, the state of Goa is at the cross-roads. It is imperative that the people and their government take stock of the situation and review the options for the way forward. Mitigating the damage caused by mining must go hand in hand with providing alternate employment opportunities for the communities affected. **Fortunately, the proposed NH 4A bypass will go through these affected areas, giving us the opportunity of use it as the engine driving the rehabilitation of these devastated mining areas. This should be the major policy thrust of the government over the next decade.**

2.2 BACKGROUND

- 2.2.1 The Iron and Manganese Ore mines in the State of Goa were granted by the erstwhile Portuguese regime as Mining Concessions to various Concessionaires. After enactment of the Goa , Daman & Diu Mining Concessions (Abolition and Declaration As Mining Leases) Act, 1987 the Mining Concessions in the state were abolished and converted into Mining Leases and caused to be governed under the Mines and Minerals (Development and Regulation) Act, 1957 and Mineral Concession Rules, 1960.
- 2.2.2 The Mining Concessionaires, by way of a Special Leave Petition, had appealed before the Supreme Court of India challenging the judgment of the Bombay High Court that upheld the 1987 Act - and the appeal is pending before the Apex Court. During the pendency of the appeal, the Apex Court has held that “the appellants are permitted to carry on mining operations and mining activities in the mining areas for which renewal applications have been made”.
- 2.2.3 As per the records of the Department of Mines and Geology, Government of Goa, 336 valid Mining Leases exist in the State. Out of these 336 Mining Leases, 117 Mining Leases are working as on 31.12.2010. The balance 219 Mining Leases

are not operational on 31.12.2010. (See **Appendices IV, V & VI**) Non-working mines are either awaiting grant of permissions /clearance under the Environment Protection Act and /or Forest Conservation Act or being held by Mining Leases contiguously to its present working mines and therefore being kept as reserves for working in a sustainable and phased manner.

2.3 IMPACT OF MINING

Mining has caused incalculable direct and indirect damage to both the environment and the people in these areas - by affecting the quality of air, water and forests, as well as health, agriculture, employment and living conditions of the people. The major impacts are as under:

1. About 1110.81 hectares of forest land has been diverted to mining as per the data furnished by the Forest Dept.
2. A number of mining leases are located in the catchment areas of water bodies and in the case of Selaulim dam, even within the buffer area of the dam. This threatens the quality and the holding capacity of this primary water source which caters to the entire South Goa district.
3. There are no controls on the depth of the mines. As a result mining is done even below the water table at the cost of underground aquifers, causing acute water shortage in mining areas (should be brought under Goa Groundwater Regulation Act 2002).
4. Open ore transportation by trucks is causing severe air pollution and disrupting the health and social lives of villagers in the mining talukas.
5. Agriculture is severely affected in the areas around mines because of siltation and lack of ground water for irrigation.

6. The siltation of the Zuari and Mandovi rivers is a direct result of the mining activities occurring upstream along these rivers and the failure of anti-erosion measures.
7. Barge building activity has been mushrooming all along the river banks to keep up with the increase in mining activity.

2.4 MAPPING MINES

To map these mines, the SLC's procedure was as follows:

- Firstly, designated forests were mapped with the help of the Forest Dept.
- Then the Dept of Mines & Geology submitted its list of 117 active mining leases include those active between October 2008 and December 2010.
- The final landuse plans will include 117 active mining leases.

In addition to the above, in order to assess the quantum of mining activities beyond the permissible active lease areas, the SLC decided to identify and mark (based on Google images) all dumps, pits, mines located beyond the mining lease boundaries. Accordingly, all such areas have been marked in the plans with a separate index. Based on these plans, the area under mining leases within designated forests, water bodies and agricultural lands, mining areas beyond active mining leases are indicated in **Appendices VII- IX**. However, a detailed study of the mines needs to be carried out - to ascertain those operating prior to Oct 2008 and those that are dormant - without which it is not possible to declare these areas as illegal or unauthorized. It must also be noted that ground surveys are needed to bring these maps up to date as they are based on Google Satellite images.

2.5 RECOMMENDATIONS

Clearly, several concurrent policies are needed to ensure the health of the villages currently affected by mining. Action needs to be taken to minimize the brutal environmental fall-outs of mining, and for deciding on options for the future. The SLC calls for:

1. **Bringing an immediate halt** to mining and dumping outside delineated and mapped 117 working Mining Leases.
2. **Terminating at earliest**, from the 117 working mines, those mines which are located within:
 - i. 200 m from existing settlement fences
 - ii. 200 m from river banks
 - iii. Wild Life Sanctuaries and National Parks and within their surrounding 1 km buffer zones
 - iv. 500m around ASI and State protected monuments
 - v. 2 km from the boundary of the Submergence Area for reservoirs of the State Water Supply system, like Selaulim, Anjunem etc.
3. **Phase out**, within the next three years from the date of notification of this Policy, those mines that are located within:
 - i. 500 m from the fence of settlement areas having a population of 100 persons
 - ii. 1km from the fence of settlement areas having a population of 500 persons and above
 - iii. Catchment areas of Reservoirs of the State Water Supply system, like Selaulim, Anjunem etc.

iv. 1 km to 2 km of the boundaries of the Wild Life Sanctuaries

4. At the moment there are 117 working leases that have been mapped. Under no circumstances should their area or number increase till 2021.
5. Among the 117 working leases, those leases that are in Eco- I and have not yet been mined should not be allowed to start operation.
6. In addition, there are 219 mining leases (see 2.2.3), which should not be allowed to start operation.
7. In order to prevent malpractice, all mines **must have the following clearances:**
 - a) Environment clearance under the Environment Protection Act 1986.
 - b) Consent to operate under the Air Act 1981 and the Water Act 1974.
 - c) NOC from the Standing Committee of the National Board of Wildlife pursuant to the order of the Supreme Court 2006) enclosed, if applicable.
 - d) A valid lease approved by the Government of Goa.
 - e) The mining lease must not fall within the working plans (north and south) of the Forest Department.
 - f) The lease owner must have a valid clearance for diversion of forest under the Forest Conservation Act 1980.

- g) **All mines must conform to the Environmental Zoning Atlas**, which has been prepared by the Pollution Control Board and accepted by the Government of Goa.
8. **Mining shall be restricted above the water table.** No mining activity should be permitted on a lease until and unless all the springs and permanent water courses on the lease or which could be affected by work on the lease have a guarantee of being protected from total destruction.
9. **No new forest area to be diverted** to mining since there is no land available in the State for compensatory afforestation.
10. **No transportation of top soil** beyond the lease area should be allowed as per mining regulations.
11. Rejects (other than top soil) should be targeted as an opportunity for **solving the existing land filling material** scarcity for public projects like roads etc. This will help avoid unnecessary cutting of hills that is otherwise necessitated. These rejects can be transported downstream by barges to optimize transportation costs and landing facilities can be set up at a couple of points along the rivers to make this viable. Necessary infrastructure should be provided for unloading after relevant surveys are carried out.
12. Rehabilitation is mandatory for all non-working/closed mines as per their closure plans and eventually concessions cancelled permanently for the same. Rehabilitated mines could possibly be used for water harvesting, restoring damaged water table. An agency (viz. Mines Rehabilitation Board) to implement closure Plans could be worked out.

13. **Rehabilitation of farm land (Paddy Fields) shall be made an integral part of the Mining Policy.** Mining regulations require the owner to restore the land to its original use (forest, agriculture, orchard) after the mine is exhausted. A survey needs to be carried out of all closed or dead leases throughout Goa.

14. **Ancillary Industries:** Most industries existing in the mining belt are presently classified as 'general industry' in line with other parts of the State. In reality, industries directly connected with mining such as screening plants, beneficiation plants, ore washing units, stacking, grading, blending, pelletisation plants, loading jetties, etc, need to be reclassified as separate 'Mining-related industries'. This is necessary because typically, these activities consume large areas with an environmental impact much more than a normal industry. It is therefore necessary to put in a separate set of regulations and policies for locating such industrial units.

15. It is also important to survey all existing mining-related industrial units and identify which are located within lease areas and which are outside. All ancillary mining activities (e.g. Stacking, dumps, screening plants, beneficiation plants, grading, blending, ore washing, loading jetties etc.) that are located **outside the lease areas maybe permitted only with the approval of the local body in their** respective jurisdiction. In no case will these mining -related industrial units be permitted within 500 m from the settlement zone fence. All proposals for mining-related industrial units must be submitted for the approval of the High-Powered Co-ordination Committee. (HPCC).

16. All ore transportation has to be done through **closed containers** only.

17. Forestry

- a) Tracts of land in between forested areas (whether govt or private) need to be retained as natural cover to maintain contiguity of forest and allow for wild life movement.
 - b) Areas for afforestation need to be identified.
 - c) Other forest areas, mining rejects/dumps for afforestation need to be identified.
 - d) An 'afforestation cess' for mining companies needs to be introduced
 - e) Growth of private forests on comunidade lands and privately owned hilly regions/areas needs to be encouraged. A 'tree credit' system similar to the existing system of 'carbon credit' can be worked out.
 - f) Natural cover as marked in the Regional Plan needs to be surveyed to identify if these areas qualify as forests under the definition.
18. Because of the excessive damage that will be caused to people and their environment by the proposed 45m wide road through the mining belt, Government should examine the options of replacing this either by a much narrower (18m) road, or by a dedicated mining covered conveyor belt system from the mining areas to the jetties (with the belt, wherever possible, running in a covered duct just below grade).
19. Provision of scientifically planned and operated **integrated barge building/repair yards** with a view to causing minimal damage to CRZ areas and proper arrangement of waste disposal.

20. Existing loading points at jetties have been marked as **transport zones** where temporary stacking of ore shall be permitted and for which appropriate safety and environmental controls should be formulated.
21. The Geological Survey of India should be entrusted with the Task of identifying and declaring **water table in the Mining belt** for the purpose of control or any such competent authorities.
22. Areas for extraction of minor minerals need to be set aside by the Department of Mines and quarrying has to be regulated as per the Minor Mineral Act so as to **prevent over-extraction and environmental fallout**.
23. **Buffer Zone around the National Parks and Wild Life Sanctuaries:** The Ministry of Environment and Forests, Government of India, after considering the decision taken by the National Board for Wildlife pursuant to the direction given by the Apex Court in Writ Petition no.460/2004 on 4.12.2006, had directed the State Governments to provide data on Eco-Sensitive zones declared by the State Government around its Protected Areas. The State Level Expert Committee (SLEC) constituted by the Government of Goa for the purpose of identification of Eco-sensitive zones (ESZ) around National Parks and Wildlife Sanctuaries in the State of Goa, had submitted its report recommending Eco-sensitive zones around its Protected Area to the State Government which has already been communicated to the Ministry of Environment and Forest. Such Eco-sensitive Zones have been identified by the SLEC on a case to case basis for each National Park and Wildlife Sanctuary in Goa. The issue of ESZs around Protected Areas in various States of India is before the Apex Court and therefore subjudice. Deviations, if any,

in respect thereof shall be subject to directions from the Apex Court. However, the Task Force constituted by the Government of Goa for the purpose of preparation of draft Regional Plan -2021 has recommended a 1km distance around the National Parks and Wild Life sanctuaries in the State of Goa as buffer zone - and in the Taluka Plans of RPG-21

24. **NH4A Bypass as a Growth corridor:** This new road, which allows northbound and southbound traffic coming in from Belgaum to bifurcate and bypass Goa, passes right through these devastated areas. It is imperative that we use it to rehabilitate these areas, and the people who live therein, with new jobs & training, new social infrastructure, etc. This should be implemented through policies that encourage investment in these areas. Properly managed, this would make a decisive change in the future of these ghat areas, and the villages and towns that are located there. **This should be the major economic thrust of the Government over the next decade.**

25. In addition, RPG-21 has proposed several new growth centres along this belt - as for instance, the Usgao-Dharbandora hub, located in the midland talukas of Usgao and Dharbandora. Since these new hubs will also help take the pressure of the coastal belt, their development should be on a fast track, and a new planning and implementation cell created to identify the land needed (preferably wasteland). This should be achieved through land pooling mechanisms, ensuring the provision of all necessary infrastructure (water, power, affordable housing and social amenities). To ensure that these new hubs and this development corridor attract appropriate employment generating opportunities, (based on the skill sets of the existing population), the Government needs to commission studies to understand the nature of jobs that should be created in the area, the kind of social infrastructure that is

needed and the nature of the special incentives (including tax-concessions for investors) that will make this development viable.

26. In conclusion, it is imperative that Government appoint a **High Power Task Force** to look at all the issues related to mining in the State and define a rational and sustainable mining Policy for the State. The Task Force should:
- a) Conduct a definitive Mining survey so as to identify valid, closed & closable mines. Further, in the case of valid leases, identify active, partially active or held as active though closed.
 - b) Carry out a proper scientific environmental impact assessment to ascertain the damage done and a reparation schedule put in place for this.
 - c) Establish the carrying capacity of mining in Goa, and on that basis, draw up a plan for long-term sustainable mining in the state.
 - d) Ascertain the genuine opinion of the local population on the impact of the mine through various means, including the local bodies of the affected areas.

Until this task is completed, no new mines should be allowed to start (including those with valid licenses), nor should any new leases be considered.

3. NEW AND MODIFIED POLICIES

3.1 POLICY ON TRIBAL SETTLEMENTS AND PROTECTION OF TRIBAL RIGHTS

3.1.1 All tribal settlements within the forest areas as on date will be governed as per the Forest Rights Act (2006) and subject to Forest (Conservation) Act 1980 and Tree Act 1994 and other related laws in force. The rights of the tribals (such as Title rights, Use Rights, Relief and Development rights and Forest Management rights) will be protected as detailed in the Forest Rights Act (2006). The Government of Goa has put in place an Act, *The Scheduled Tribes and Other Traditional forest Dwellers (Recognition of Forest Rights) Act, 2006 & Rules, 2007*, in order to protect the Scheduled Tribes and other Traditional Forest Dwellers by recognizing their rights. The settlements which were reflected in the Regional Plan 2001 A.D. have been retained. In addition, the SLC has tried to incorporate maximum existing settlements with the help of Google images on the Land use Plans.

3.1.2 Members of the State Level Committee had consultations with the officials of the Dept of Tribal Welfare. It is observed that Goa has 12% of the population as ST and 1.7% as SC. Most of this population resides in the talukas covering Sattari, Bicholim, Sanguem, Canacona, Ponda and Quepem. The tribal population largely depends on the agricultural produce, forest produce, and other primary activities. Most of the tribal settlements are scattered in and around the notified forest areas, wild life sanctuaries and buffer areas etc. A Govt. study indicates some villages which have more than 50% of its population under ST category. A taluka wise list of such villages is at **Appendix XVIII**. The study also indicates

various clusters of ST population in other Talukas. The same is placed at **Appendix XIX**. During the consultation with the officials of the concerned Dept of Tribal Welfare, certain requirements for rehabilitation of affected tribes from Wild Life Sanctuaries and critical wildlife habitats, National Parks and wild life corridors was reported. As per the Act, a no. of Forest Rights Committees and surveys are required to be done which are at various stages of formulation and implementation. The SLC feels it necessary to earmark some areas in the plan for rehabilitation schemes in line with the 20-Point program sites to cope with demand and future requirement. Unless such lands are identified and located at this planning stage the schemes of the Government during the next ten years may find it difficult to implement for the benefit of tribals. Further, expansions in the form of repairs, additions to existing structures, renovations, cattle pounds etc. shall be permitted in and around the existing tribal settlements.

3.2 MANAGEMENT OF HAZARDOUS INDUSTRIAL WASTE

- 3.2.1 Goa caters to a number of industrial estates and other general industries located all over the State spread all over the state which comprises of varied categories of industries. A number of industries are classified as hazardous as per the Zoning Atlas prepared by Pollution Control Board. Since there is no facility in the State for disposing hazardous waste in a scientific manner, the Government in collaboration with stakeholders has been making efforts to develop a common hazardous Waste Disposal Facility (CHWTSDF) at Dharbandora Village Panchayat area.
- 3.2.2 Since the site presently designated for this purpose is bifurcated by major electrical power transmission lines, it should be carefully examined as per the existing policies for the selection and management of such activities, and if

necessary the modified location shown in Village Panchayat map could be considered.

3.3 WATER CONSERVATION

- 3.3.1 The SLC recommends implementation of 140 to 200 micro water retaining structures, with check dams for local watershed management as a measure for water conservation across majority of the villages in Goa. Apart from serving to conserve water, this would increase surface percolation and thereby replenish ground water tables in every village. An added advantage of these water retention structures would be that they might yield much needed land fill material (murum) for infrastructure works in the villages locally.

3.4 GROWTH HUB AT DHARBANDORA- PLANNING AND DEVELOPMENT

A Growth Hub has been identified in the new taluka of Dharbandhora , which shall be designed and developed as a new model township, with proper roads, housing, schools, parks, industries etc, planned under provisions of the “**Town Planning Scheme**” of the TCP, Act. Here will be located. The new taluka headquarters, as well as the truck terminus/ transport related infrastructures, which are much needed in the area, will be located in this township.

3.5 CARBON CREDIT POLICY

The SLC recommends to formulate a policy to evaluate and implement” Carbon Credit rating” for sectors like Mining, Tourism, Real estate and Industries.

4. ADDENDA & CLARIFICATIONS

4.1. LAND USE INTERPRETATION OF ADDITIONAL INDICES INTRODUCED IN RELEASE TWO

4.1.1. TRADE & TRANSPORT

An additional land use category was felt necessary to be introduced in the six talukas which are planned for release with Released II. Basically all these talukas are predominantly mining regions and they transport ore from mines to the port at Mormugao, which is done through water transport. Along the rivers at Ponda Taluka, Salcete Taluka, Bicholim Taluka, Sanguem Taluka, Quepem Taluka and Bardez Taluka have extensive mining transport jetties. These activities require temporary stacking of ore, parking of trucks, loading machinery, etc. The areas which are presently being in use for these activities have been mapped. Hence, a new land use category called “TRADE & TRANSPORT” is introduced with the following symbol:



Permissible uses in this zone are for only temporary stacking of ore, parking for trucks, loading machinery (conveyer's belts, hoppers etc) and a site office of not more than 100 sq mts.

In order to facilitate the above activities, separate Jetties along with proposed zone of Trade & Transport are indicated in the final RPG-2021. Some of the probable locations have been earmarked in the land use plans though the actual final location has to be done in consultation with Captain of Port, PWD, Town & Country Planning Dept., River Navigation Dept. and Department of Industries

4.1.2 MINING ACTIVITY/DUMPS OUTSIDE ACTIVE MINING LEASE

In order to assess the quantum of mining activities beyond the permissible active lease areas, the SLC decided to identify and mark (based on satellite images) all dumps, pits, mines located beyond the mining lease boundaries. Accordingly, all such areas have been marked in the plans with a separate index, as indicated below:



MINING ACTIVITY / DUMPS OUTSIDE ACTIVE MINING AREA

4.1.3 AREA CONSUMED BY MINING IN FOREST LAND

A new index is introduced to identify the areas which are consumed by mining activity on the Surface Utilisation Plans; these areas will be marked with forest green colour with yellow hatch lines. These areas have to be rehabilitated soon after the mining operation is stopped.



AREA CONSUMED BY MINING WITHIN FOREST

4.1.4 TRANSPORTING ORE

Though the proposed mining corridor has been indicated in the plan, it is necessary to conduct a thorough study of alternate systems available for transporting ore, with minimal impact on environment, habitation and wildlife.

In order to provide immediate alleviation of the misery caused to the local people due to open ore transportation, speedy implementation of a dedicated covered conveyor belt system from the mining areas to the jetties was considered. Since separation of ore from different mines being carried on the same conveyor belt could prove problematic, the SLC recommends a railway line exclusively to transport iron ore from the 12 working mining leases around Codli to join the existing South Western Railway line at Santona Village near Calem Railway Station.

The line would pass through active mining leases having TC numbers 40/51, 12/26, 65/51, 41/54, 69/51, 70/52, 14/58, 61/53, 126/53, 22/55, 46/56 and 34/55. The alignment has been proposed after studying mining and transport patterns in these areas. As per data obtained from the Department of Mines and Geology these 12 mines alone exported 15 million metric tones of ore in the year 2010-2011, which comprises of almost 30% of the bulk mining in the State

The railway line proposed requires no land acquisition and passes through 12 active mining leases where land is already degraded. Today, 1.5 million truck trips are being made over a period of 10 months (mining season) - which translates into 1,50,000 truck trips per month, and 5000 truck trips per day. This means that in reality close to 7500 truck trips are made per day during the peak 8 months. Also since each truck trip also involves a return trip, approximately 15000 trucks pass a single point each day.

The proposed alignment passes primarily through active mining lease areas and involves least amount of acquisition of private land outside these leased areas. Proposed alignment also does not divide any settlements nor pass through any wild life sanctuaries. It will considerably reduce the cost of ore transportation and other logistics costs mining companies incur, a fact which the Government should leverage to ensure that these companies finance and execute the proposal entirely.

Apart from reducing damage to human life and impact on the environment, the proposed line will avoid use of humungous quantity of fuel currently used for truck transport and barge transport besides reducing carbon emissions.

The proposal will have to be examined and expedited by the Railways. Also the MPT will have to ensure dedicated sidings to ore traffic by rail at the port to allow quick turnaround even if it has to be at the cost of coal transportation. Government must step in to ensure compliance from both the Railways and MPT to make the proposal a reality in the interest of both the industry and the local population. For after the mines have been phased out and their areas landscaped for recreation and tourism,, this railway line will provide these hinterland communities with the mobility and economic growth so essential to their future.

The proposed alignment is indicative in nature and marked on a map placed at Appendix- XX & XXI.

4.1.5 INTRODUCTION OF A CARBON CREDIT POLICY

The last 50 years have had a huge impact on the state of Goa's environment because of excessive mining, industrial and urban expansion which has been fed by burning fossil fuels, forest exploitation and conversion to alternative land use. As they have elsewhere in the world, these activities have released high levels of greenhouse gases (GHGs),

particularly CO₂, into the atmosphere which causes climate change, extensive environmental degradation and incalculable damage to human health.

The new Regional Plan 2021 for Goa is a unique opportunity to create a roadmap that will mitigate this in a manner that not only reverses this trend but also creates a new market in environmental commodities.

It is proposed that:

- a) The Government of Goa sets sector-wise limits on carbon emissions and related environmental damage.
- b) It introduces an environmental commodity which is a tradable instrument in the form of a credit or certificate that offsets emissions and can be termed as -the Goa Carbon Standard.
- c) Companies/industries must comply and have the following options:
 - They need to purchase the environmental commodity (eg. the Goa Carbon Standard) in a sufficient quantity to offset their damage. In order to do this they need to invest in new or existing carbon-credit worthy projects.
 - Choose to pay a fine at perhaps five times the cost of the Goa Carbon Standard.
 - Make tangible and measurable changes directly in their operations to reduce their environmental footprint.
- d) The Goa Carbon Standard worthy ventures will be defined using ecological, human and scientific parameters which will be set up by an independent body. The verification, validation and awarding of credits to projects will be carried out by independent third parties mandated to make balanced assessments as per both international as well as Goan location-specific norms. Examples of Goa Carbon Standard-worthy initiatives would be: Projects that create carbon reservoirs like afforestation/reforestation projects. Avoided mining and alternative land-use schemes including using depleted mines Projects making productive alternate use of fallow land parcels or comunidade lands. Alternative energy projects for rural Goa through biomass, biofuel, etc. Innovation and incubation hubs for alternative and sustainable resource use.
- e) Goa sets up a trading platform or carbon exchange for purchase and sale of the generated credits which enables a market mechanism to exist making it an

investment option for anyone, whether a corporate investor or private citizen to engage with it even on a commercial basis as stocks and shares. It can be termed an SRI investment (Socially Responsible Investment) that will not be impacted by the kind of fluctuation in the international stock markets.

- f) It is proposed that immediately, perhaps comunidade lands and forest buffers which represent upto a third of the state, could be identified for enhancement - this will make it a unique project of shared meaning and membership available to all residents of Goa.
- g) Goa will have a unique Carbon Standard. By one year Government could make it mandatory for industry to measure their impact and participate in Goa's carbon standard.

4.2. FAR ADDENDUM

The following Regulations shall be applicable in the respective zones:

Regional Plan for Goa

The settlement zone areas means which could be brought under development for various uses and the compatibility of the said uses/zones within the settlement level plans.

FAR applicable shall be as per Table mentioned below.

Table

	VP Status	Area of Plot	FAR permitted	Height
i)	VP1	Area below 4000.0 m ²	80	As per S2/R2
ii)	VP1	Area 4000.0 m ² and above	60	As per S2/R2
iii)	VP2	Area below 4000.0 m ²	60	9.0 Mts including Stilt
iv)	VP2	Area 4000.0 m ² and above	50	9.0 Mts including Stilt

The above shall be applicable for all types i.e.: Residential, Commercial, and Institutional.

However in case of institutional zone the height may be relaxed to 12 M but only ground + 2 floors will be permitted, with a floor height not less than 3.5 mts.

APPENDICES

APPENDICES

APPENDIX I	Notification of RPG 2021-Release One
APPENDIX II A&B	Dharbandora Taluka Notification
APPENDIX III	Ponda, Quepem, Sattari – SUPs including Village Level Plans released
APPENDIX IV	Existing Mining Leases
APPENDIX V	Taluka-Wise List of Active Mining Leases
APPENDIX VI	Map showing 117 Active and 219 Valid Leases
APPENDIX VII	Mining in Existing Land Uses -Forests, Agricultural Land, Water Bodies etc.
APPENDIX VIII	Map showing Active and Valid Leases vis-s-vis Forest
APPENDIX IX	Mining outside Valid Lease Areas
APPENDIX X	Land Use Tables for Ponda, Sattari, Quepem, Bicholim, Sanguem and Dharbandora
APPENDIX XI	Taluka-Wise Provision of MIZ and Facilities based on public inputs (Ponda, Sattari, Quepem, Bicholim, Sanguem and Dharbandora)
APPENDIX XII	Ponda Surface Utilisation Plan
APPENDIX XIII	Sattari Surface Utilisation Plan
APPENDIX XIV	Quepem Surface Utilisation Plan
APPENDIX XV	Bicholim Surface Utilisation Plan
APPENDIX XVI	Sanguem Surface Utilisation Plan
APPENDIX XVII	Dharbandora Surface Utilisation Plan
APPENDIX XVIII	Taluka-wise Scheduled Tribe Population in Goa
APPENDIX XIX	Scheduled Tribes Population Clusters in Goa
APPENDIX XX & XXI	Railway Mining Link

APPENDIX I

Notification of RPG 2021-Release One

Under Rule 18(1)(II), Serial No. (8) may be read as follows:

- (8) Divisional Officer/Asstt.
Divisional Officers,
Directorate of Fire &
Emergency Services having
jurisdiction over
Fire Stations in South Goa Member,
ex officio

This issues with the approval of the Government.

By order and in the name of the Governor
of Goa.

Pandharinath N. Naik, Under Secretary (Rev.-I/II).
Porvorim, 10th November, 2010.

Corrigendum

No. 23/3/2010-RD

Read: Notification No. 23/3/2010-RD dated 29-03-2010 published in the Official Gazette, Series II No. 2 on pages 34 to 35 dated 08-04-2010 and in two local newspapers viz. "Herald" dated 31-03-2010 and "Lokmat" dated 31-03-2010 for Land Acquisition for construction of Assonora bye-pass road (additional area).

In the Schedule appended to the Notification referred to above, in the Survey No. 22/17 Part, the name of Tenant: "Romalso Estirao Mendes" may be read as Tenant: Romaldo Estivao Mendes" and in Survey No. 19/3 Part the names of Tenant: "Pandari Shiva Shodankar" may be read as Tenant: Pandhari Shiva Chodankar" and the Survey No. 19/8 Part may be read as 74/8 Part.

The rest of the contents of above-referred notification shall remain unchanged.

By order and in the name of the Governor
of Goa.

Pandharinath N. Naik, Under Secretary (Rev.-I).
Porvorim, 11th November, 2010.

Corrigendum

No. 22/11/2009-RD

Read: Notification No. 22/11/2009-RD dated 17-06-2010 published in the Official Gazette, Series II No. 14 dated 01-07-2010 regarding land acquisition for construction of internal road near Vaddem lake in Vasco Constituency.

'Para 3' of the above referred Notification which reads "A plan of the said land can be

inspected at the Office of the said Deputy Collector & SDO/LAO, Pernem", shall be replaced and read as under:-

"A plan of the said land can be inspected at the Office of the said Deputy Collector & SDO, Mormugao, Goa".

The rest of the contents of above referred Notification shall remain unchanged.

By order and in the name of the Governor
of Goa.

Pandharinath N. Naik, Under Secretary (Rev.-I).
Porvorim, 6th November, 2010.

Department of Town & Country Planning

Notification

No. 29/8/TCP/2010/RP-21/4106

Whereas, the Regional Plan 2001 A.D. for the State of Goa has been published in the Official Gazette, Series III No. 37 dated 11-12-1986 for the horizon year 2001;

And whereas the Government is of the opinion that revision of the Regional Plan 2001 is necessary;

And whereas the Government vide Notification No. 29/8/TCP/Pt. file/Task Force/R.P./2007/3353 dated 4-10-07, published in the Extraordinary Official Gazette No. 3 Series II No. 27 dated 5-10-2007 and Notification No. 29/8/TCP/Pt. file/Task force/R.P./07-08/812 dated 26-02-2008 published in the Extraordinary Official Gazette No. 4 Series II No. 47 dated 26-02-2008 had appointed a "Task Force" for guiding the preparation of the Regional Plan for Goa for the horizon year 2021;

And whereas the Task Force has carried out necessary survey/studies and deliberations through secondary data and consultative process and submitted the Draft Regional Plan for Goa-2021 to the Chief Town Planner;

And whereas as per the directions of the Government, the Chief Town Planner placed the said Draft Regional Plan for Goa-2021 before the Town and Country Planning Board for its consideration;

And whereas the Town and Country Planning Board in its 133rd meeting held on 29-9-2008 had considered and approved the Draft Regional Plan for Goa-2021;

And whereas in exercise of the powers conferred by Section 13 of the Goa Town and Country Planning Act, 1974 (Act 21 of 1975), the Draft Regional Plan for Goa-2021 was notified vide Notification No. 29/8/TCP/2008/RP-21/Pt/3743 dated 08-10-08,

published in Official Gazette Series III No. 29 dated 16-10-2008 for inviting comments in writing from the public on the said Draft Regional Plan for Goa-2021;

And whereas the comments received from the public as well as from the local bodies were studied and considered by the State Level Committee constituted by the Government for the purpose vide Order No. 29/8/TCP/TF/RP-2021/VPM/08/4008, dated 29-10-08, No. 29/8/TCP/TF/RP-2021/VPM/08/4507, dated 28-11-08 and No. 29/8/TCP/TF/RP-2021/VPM/08-09/738 dated 12-2-09 and the Regional Plan for Goa-2021 (Part) pertaining to Canacona and Pernem Talukas was finalized;

And whereas the Town and Country Planning Board in its 137th meeting held on 8-11-2010 has considered and approved with modifications the Regional Plan for Goa-2021 (Part) in respect of Canacona and Pernem Talukas;

And whereas the said draft Regional Plan for Goa-2021 (Part) in respect of Canacona and Pernem Talukas, as approved by the Board with modifications, was submitted to the Government for its approval on 09-11-2010;

And whereas the Government vide No. 29/8/TCP/2010/RP-21/3976 dated 9-11-2010 has granted approval for the Regional Plan for Goa-2021 (Part) in respect of Canacona and Pernem Talukas.

Now, therefore, in exercise of the powers conferred by Section 17 read with Section 15 of the Goa Town and Country Planning Act, 1974 (Act 21 of 1975), I, Shri Morad Ahmad, Chief Town Planner, Government of Goa, hereby notify the Regional Plan for Goa-2021 (Part) in respect of Canacona and Pernem Talukas as approved by the Government;

On and from the date of publication of this Notification in the Official Gazette, all development programmes undertaken within that area by any private institution or by any other person shall conform to the provisions of such Regional Plan. However, public projects/schemes/development works, undertaken by the Central Government or the State Government, shall be in conformity with the rules framed and procedures laid down by the Government for such projects/schemes/development works;

No person shall undertake any work of development in contravention of any provision of the Regional Plan as in force, except the projects/schemes/development works undertaken by the Central Government or the State Government, either by himself or through his servant or agent or any other person and all such development work shall be in conformity with the provisions of the Regional Plan.

The Regional Plan for Goa – 2021 (Part) in respect of Canacona and Pernem Talukas is available for the purpose of inspection in the office of the (a) Town and Country Planning Department (Headquarters), Dempo Tower, 2nd Floor, Patto Plaza, Panaji-Goa, (b) North Goa District Office, Town & Country Planning Department, 2nd Floor, Government office Complex, Mapusa, Bardez-Goa, (c) South Goa District Office, Town & Country Planning Department, Osia Complex, 4th Floor, Margao-Goa, (d) Pernem Taluka Office, Town & Country Planning Department, Shivram Bahu Sadan, Pernem-Goa and (e) Canacona Taluka Office, Town & Country Planning Department, 1st Floor, New Municipal Market Complex, Chauri, Canacona-Goa.

By order and in the name of the Governor of Goa.

Morad Ahmad, Chief Town Planner & ex officio Jt. Secretary.

Panaji, 24th November, 2010.



Department of Water Resources

Office of the Chief Engineer

Order

No. 3/25-15/90/WR/928

Government is pleased to promote S/Shri S. Sekar, Executive Engineer, Works Div. V, WRD, Sanquelim and S. V. Prabhavalkar, Surveyor of Works, Central Planning Organisation, WRD, Panaji to the post of Superintending Engineers in Water Resources Department on ad hoc basis initially for 6 months in the Pay Band+Grade Pay of Rs. 15,600-39,100+7,600 with immediate effect and place them as indicated below:-

Sr. No.	Name of the Officer	Present place of working	Place of posting on promotion
1.	Shri S. Sekar, Executive Engineer	Works Div. V, WRD, Sanquelim	Superintending Surveyor of Works (GTIDC), Panaji.
2.	Shri S. V. Prabhavalkar, Surveyor of Works	CPO, WRD, Panaji	Superintending Engineer, CPO, WRD, Panaji, vice Shri J. S. Hosamani.

The promotion is purely on ad hoc basis and will not bestow any claim for regular appointment and service rendered on ad hoc basis in the grade will not count for the purpose of seniority in the

APPENDIX II A&B

Dharbandora Taluka Notification

Notification
16-15-2010/RD

In exercise of the powers conferred by sub-section (1) of section 3 of the Goa Land Revenue Code, 1968 (Act No. 9 of 1969) and of all other powers enabling it in this behalf and in supersession of the Government Notification No. RD/LND/213/69-71/II dated 15-02-1971, published in the Official Gazette, Series I No. 47 dated 18-02-1971 and all other Notifications/Orders etc., issued in this regard, the Government of Goa hereby constitutes the State of Goa into the Districts, Sub-divisions, Talukas and Villages as mentioned under columns (2), (3), (4) & (5) respectively of the Schedule appended hereunder:-

SCHEDULE

Sr. No.	Districts	Sub-Divisions	Talukas	Villages
1	2	3	4	5
1	North Goa	Pernem	Pernem	Pernem Dargalim Tuem Virnora Cansarvornem Chandel Varconda Ozorim Alorna Ibrampur Uguem Poroscodem Casnem Mopa Amberem Tamboxem Torxem Paliem Arambol Tiracol Querim Corgao Mandrem Parcem Agarvado Chopdem Morgim
2	North Goa	Mapusa	Bardez	Mapusa Corlim Cunchelim Anjuna Assagao Assonora Moitem Ucassaim Punola Paliem Bastora Colvale Parra Verla Canca Siolim

1	2	3	4	5
				Marna Oxel Camurlim Nadora Revora Pirna Tivim Sircaim Aldona Calvim Corjuem Ponolem Saligao Arpora Nagoa Calangute Socorro Candolim Gurim Sangolda Moirá Nachinola Reis-Magos Nerul Pomburpa Olaulim Salvador-do-Mundo Pilerne Marra Penha-de-Franca
3	North Goa	Bicholim	Bicholim	Salem Mencurem Dumacem Latambarcem Adwalpale Mulgao Sirigao Ona Maulinguem-North Curchirem Vainguinim Maem Aturli Bicholim Bordem Lamgao Piligao Naroa Cassabe de Sanquelim Maulinguem-South Arvalem Virdi Carapur Sarvona Cudnem Navelim

1	2	3	4	5
				Surla Velguem Pale Cotombi Amone
4	North Goa	Bicholim	Satari	Nagargao Carambolim-Brama Ambedem Bombedem Edorem Xelopo-Buzruco Sigonem Davem Ustem Maloli Nanorem Codal Satozem Derodem Vainguinim Zarani Satrem Sanvordem Cudcem Sonal Caranzol Pendral Codvol Carambolim-Buzruco Valpoi Massordem Velus Nanus Mauzi Davem Compordem Zormen Naguem Dongurli Choraundem Ivrem-Buzruco Ivrem-Curdo Golauli Surla Rivem Pale Naneli Birondem Ansolem Advoi Padeli Vantem Sanvorcem Guleli Damocem Melauli

1	2	3	4	5
				Conquirem Cotorem Codqui Velguem Sirsodem Assodem Siranguli Xelopo-Curdo Malpona Govanem Ambeli Pissurlem Cumarconda Codiem Vaguriem Ponocem Poriem Podocem Morlim Querim Gonteli Siroli Anjunem Ravona Quelaudem Ponsuli Guleli Onda Saleli Buimpal Sonus-Vonvoliem
5	North Goa	Panaji	Tiswadi	Taleigao Durgavado Calapor Cujira Renovadi Murda Morambi-O-Grande (Merces) Morambi-O-Pequeno (Merces) Mercurim Goa-Velha Siridao Batim Gancim Curca Bambolim Talaulim Goalim-Moula Panaji Goltim Navelim Malar Naroa Capao Chimbel Panelim

1	2	3	4	5
				Bainguinim Ella Corlim Carambolim Cumbarjua Gandaulim Jua Azossim Mandur Neura-o-Grande Neura-o-Pequeno Chorao Ambarim Caraim
6	North Goa	Ponda	Ponda	Betqui Candola Tivrem Orgao Savoi-Verem Vagurbem Volvoi Adcolna Boma Querim Priol Velinga Cuncoliem Cundaim Marcaim Bandora Curti Candepar Betora Codar Nirancal Conxem Ponda Queula Vadi Telaulim Durbhat Borim Shiroda Ponchavadi
7	South Goa	Margao	Salcete	Ambelim Adsulim Aquem Assolna Benaullim Betalbatim Chandor Chinchinim Gonsua Calata Camurlim Cana

1	2	3	4	5
				Carmona Cavelossim Cavorim Colva Curtorim Cuncolim Davorlim Deussua Dicarpace Dramapur Duncolim Gaundaulim Guirdolim Loutulim Macasana Majorda Margao Mulem Nagoa Navelim Nuvem Orlim Paroda Raia Rachol Sarzora Sao Jose de Areal Seraulim Sernabatim Sirlim Talvorda Talaulim Utorda Vanelim Varca Velim Verna Varoda
8	South Goa	Mormugao	Mormugao	Arossim Chicalim Chicolna Cortalim Cuelim Cansaulim Dabolim Issorcim Mormugao Port Pale Quelossim Sao Jacinto Island Sao Jorge Island Sambhaji (Vasco-da-Gama) Sancoale Vadem Velsao

1	2	3	4	5
9	South Goa	Quepem	Quepem	Amona Avedem Assolda Adnem Ambaulim Bali Bandordem Barcem Chaifi Colomb Cotombi Cacora Cavorem Cordem Corla Cazur Curchorem Cusmane Deao Fatorpa Gocoldem Hodar Morpila Molcopona Molcamem Maina Mangal Naquerim Nagvem Padi Pirla Quitol Quedem Quepem Quisconda Rivona Sirvoi Sulcorna Tiloi Undorna Xeldem Xelvona Xic-Xelvona Zanodem
10	South Goa	Quepem	Sanguem	Antoriem Boma Bati Cotarli Coranginim Comproi Costi Calem Kurpem Curdem Cumbari Dudal

1	2	3	4	5
				Dongurli Dongor Muguli Maulinguem Naquinim Neturlim Nundem Odxel Patiem Potrem Poteem Rumbrem Salauli Sanguem Santona Sanvordem Sigonem Tudou Uguem Viliena Vichundrem Verlem Xelpem
11	South Goa	Quepem	Dharbandora	Aglote Bandoli Camarconda Caranzol Codli Colem Cormonem Darbandora Gangem Molem Moissal Piliem Sancordem Sangod Sigao Sonauli Surla Usgao
12	South Goa	Canacona	Canacona	Agonda Angediva Canacona Chaudi Cola Cotigao Gaodongrem Loliem Nagorcem-Palolem Pinguinim Shristhal

This Notification shall come into force with immediate effect.

By order and in the name of the Governor of Goa.

Pandharinath N. Naik, Under Secretary (Rev-I).

Porvorim, 16th March, 2011.

Panaji, 26th May, 2011 (Jyaistha 5, 1933)

SERIES I No. 8

OFFICIAL GAZETTE

GOVERNMENT OF GOA

PUBLISHED BY AUTHORITY

INDEX

Department	Notification	Subject	Pages
1. Revenue Under Secretary	Not.- 16/15/2010-RD/2343	Amendment to the constitution of the State of Goa into Districts, Sub-Divisions, Talukas and Villages.	79

GOVERNMENT OF GOA

Department of Revenue

Notification

16/15/2010-RD/2343

In exercise of powers conferred by sub-section (1) of section 3 of the Goa Land Revenue Code, 1968 (Act No. 9 of 1969) and all other powers enabling it in this behalf, read with section 21 of the General Clauses Act, 1897 (10 of 1897), the Government of Goa hereby amends the Government Notification No. 16-15-2010/RD dated 16-03-2011, published in the Official Gazette, Series I No. 51 dated 17-03-2011 (hereinafter referred to as the "principal Notification") as follows, namely:—

In the Schedule appended to the principal Notification,—

(i) against serial No. 6, in column 5, after the villages as specified therein, the following villages shall be added, namely:—

"Gangem
Usgao";

(ii) against serial No. 9, in column 5, the villages "Colomb" and "Rivona" as specified therein, shall be omitted;

(iii) against serial No. 10, in column 5, after villages as specified therein, the following villages shall be added, namely:—

"Rivona
Colomb";

(iv) against serial No. 11, in column 5, the villages "Gangem" and "Usgao" as specified therein, shall be omitted.

This Notification shall come into force with immediate effect.

By order and in the name of the Governor of Goa.

Pandharinath N. Naik, Under Secretary (Rev-I).

Porvorim, 20th May, 2011.

www.goaprintingpress.gov.in

Printed and Published by the Director, Printing & Stationery,
Government Printing Press,
Mahatma Gandhi Road, Panaji-Goa 403 001.

PRICE – Rs. 1.00

APPENDIX III

Ponda, Quepem, Sattari – SUPs including Village Level Plans
released

Department of Town & Country Planning

Notification

29/8/TCP/2010/RP-21/1952

Whereas the Regional Plan 2001 A.D. for the State of Goa has been published in the Official Gazette, Series III No. 37 dated 11-12-1986, for the horizon year 2001;

And Whereas the Government is of the opinion that revision of said Regional Plan 2001 is necessary and accordingly directed Chief Town Planner to undertake the revision of the said Regional Plan 2001;

And Whereas the Government vide Notification No. 29/8/TCP/Pt.file/Task Force/R.P/2007/3353 dated 4-10-2007 published in Official Gazette (Extraordinary No. 3) Series II No. 27 dated 5-10-2007 and Notification No. 29/8/TCP/Pt.file/Task force/R.P/07-08/812 dated 26-02-2008 published in Official Gazette (Extraordinary No. 4) Series II No. 47 dated 26-02-2008 had appointed a "Task Force" for guiding the preparation of the Regional Plan for Goa for the horizon year 2021;

And Whereas, the Task Force has carried out necessary survey/studies and deliberations through secondary data and consultative process and submitted the draft Regional Plan for Goa-2021 to the Chief Town Planner;

And Whereas, as per the directions of the Government, the Chief Town Planner placed the said draft Regional Plan for Goa-2021 before the Town and Country Planning Board for it's consideration;

And Whereas, the Town and Country Planning Board in its 133rd meeting held on 29-9-2008 has considered and approved the draft Regional Plan for Goa-2021;

And Whereas, in exercise of the powers conferred by section 13 of the Goa Town and Country Planning Act, 1974 (Goa Act 21 of 1975), the draft Regional Plan for Goa-2021

was notified in the Official Gazette, vide Notification No. 29/8/TCP/2008/RP-21/PT/3743 dated 08-10-2008, published in the Official Gazette, Series III No. 29 dated 16-10-2008 inviting comments in writing from the public on the said draft Regional Plan for Goa-2021;

And Whereas, the comments received from the public as well as from the local bodies were studied and considered by the State Level Committee constituted by the Government for the purpose vide Order No. 29/8/TCP/TF/RP-2021/VPM/08/4008 dated 29-10-08, No. 29/8/TCP/TF/RP-2021/VPM/08/4507 dated 28-11-08 and No. 29/8/TCP/TF/RP-2021/VPM/08-09/738 dated 12-2-08 and the Regional Plan for Goa-2021 (Surface Utilization Plan) pertaining to Satari Taluka along with Settlement Level Plans of twelve Village Panchayats and one Municipal Council, Ponda Taluka along with Settlement Level Plans of nineteen Village Panchayats and Quepem Taluka along with Settlement Level Plan of eleven Village Panchayats and two Municipal Councils with land use table was finalized (hereinafter referred to as the "said areas");

And Whereas the Town and Country Planning Board in its 137th (Adj) meeting held on 14-01-2011 and 137th (Adj) third sitting of the meeting held on 4-3-11 has considered and approved Regional Plan for Goa-2021 (Surface Utilization Plan) in respect of the said areas;

And whereas the Government has constituted the new Darbandora Taluka, vide Notification No. 16-15-2010/RD dated 16-3-2011, published in the Official Gazette, Series I No. 51 dated 17-3-2011, consisting of the villages as specified therein, including Usgao and Gangem villages;

And Whereas the Government has approved the Regional Plan for Goa-2021 (Part) on 13-4-2011, in respect of Satari Taluka along with Settlement Level Plans of twelve Village Panchayats and one Municipal Council, Ponda Taluka along with Settlement Level Plans of eighteen Village Panchayats excluding Usgao Village Panchayat which is the part of said Darbandora Taluka and Quepem Taluka along

with Settlement Level Plans of eleven Village Panchayats and two Municipal Councils with land use table.

Now, therefore, in exercise of the powers conferred by section 15 read with section 17 of the Goa Town and Country Planning Act, 1974 (Goa Act 21 of 1975), I, Shri Morad Ahmad, Chief Town Planner, Government of Goa, hereby notify the Regional Plan for Goa-2021 (Part) in respect of Satari Taluka along with Settlement Level Plan of twelve Village Panchayats and one Municipal Council, Ponda Taluka along with Settlement Level Plan of eighteen Village Panchayats excluding said Usgao Village Panchayat and Quepem Taluka along with Settlement Level Plans of eleven Village Panchayats and two Municipal Councils with land use table as approved by the Government.

On and from the date of publication of this Notification in the Official Gazette, all development programme undertaken by any private institution or by any other person within the area covered under said Regional Plan for Goa-2021 (Part), shall conform to the provisions of such Regional Plan. However, public projects/schemes/development works, undertaken by the Central Government or by the State Government, shall be in conformity with the rules framed and procedures laid down by the Government for such projects/schemes/development works.

No person shall undertake any work of development in contravention of any provision of the Regional Plan as in force, except the projects/schemes/development works undertaken by the Central Government or the State Government, either by himself or through

his servant or agent or any other person and all such development work shall be in conformity with the provisions of the Regional Plan.

The Regional Plan for Goa-2021 (Part) (Surface Utilization Plan) in respect of Satari Taluka along with Settlement Level Plan of twelve Village Panchayats and one Municipal Council, Ponda Taluka along with Settlement Level Plans of eighteen Village Panchayats and Quepem Taluka along with Settlement Level Plans of eleven Village Panchayats and two Municipal Councils with land use table are available for the purpose of inspection in the office of the (a) Town and Country Planning Department (Headquarters), Dempo Tower, 2nd Floor, Patto Plaza, Panaji-Goa, (b) North Goa District Office, Town and Country Planning Department, 2nd Floor, Government Office Complex, Mapusa, Bardez-Goa, (c) South Goa District Office, Town and Country Planning Department, Osia Complex, 4th Floor, Margao-Goa, (d) Bicholim Taluka Office, Town and Country Planning Department, PMC Commercial Complex, Bicholim-Goa, (e) Quepem Taluka Office, Town and Country Planning Department, Government Office Complex, Quepem Town, Goa and (f) Ponda Taluka Office, Town and Country Planning Department, Government Building, 2nd Floor, Near Municipal Garden.

By order and in the name of the Governor of Goa.

Morad Ahmad, Chief Town Planner and ex officio Joint Secretary.

Panaji, 26th April, 2011.

www.goaprintingpress.gov.in

Printed and Published by the Director, Printing & Stationery,
Government Printing Press,
Mahatma Gandhi Road, Panaji-Goa 403 001.

PRICE – Rs. 12.00

APPENDIX IV

Existing Mining Leases

APPENDIX IV: DETAILS OF EXISTING MINING LEASES				
SR. NO.	NAME OF THE LESSEE	T.C. NO.	LOCATION	
			VILLAGE	TALUKA
1	SHRI ATMARAM PALONDIKAR (LATE)	17/49	CURPEM / NAVELIM	SANGUEM
2	SHRI BABAL S. N. TARI (LATE)	31/58	BATI	SANGUEM
3	SHRI BHANUDAS KOSSAMBE (LATE)	09/51	CURPEM / VICHUNDREM	SANGUEM
4	SHRI CAXINATH TALAULIKAR	48/58	CUDNEM	BICHOLIM
5	SHRI RAJESH TIMBLO / SHRI CHANDRAKANT F. NAIK (LATE)	63/51	CURPEM	SANGUEM
6	SHRI CRISNA M. CAMOTIM (LATE)	06/53	VICHUNDREM, NETORLIM / MANGAL	SANGUEM
7	SHRI DAMODAR J. AMONCAR (LATE)	22/53	SANCORDEM	SANGUEM
8	SHRI DINANATH CUVELKAR (LATE)	05/51	COLOMBA	SANGUEM
9	SHRI DOMINIC S. FERNANDES	02/29	VADEM	SANGUEM
10	DR. P. R. HEDE	30/50	COLLEM	SANGUEM
11	SHRI ERASMO V. SEQUEIRA (LATE)	73/53	COTOREM	SATTARI
12	SHRI ESVONTA D. SADEKAR (LATE)	10/52	RIVONA	SANGUEM
13	SHRI ESVONTA RAITURKAR (LATE)	36/53	NETORLIM	SANGUEM
14	SHRI GAJANAN P. N. KARMALI (LATE)	35/51	RIVONA	SANGUEM
15	SHRI HAIDER KASSIM KHAN (LATE)	10/51	SULCORN / VICHUNDREM	QUEPEM
16	SHRI JAISING MANGANLAL	80/59	PIRLA	QUEPEM
17	SHRI JOSE DUARTE (LATE)	54/51	VERLEM	SANGUEM
18	SHRI LEKHRAJ NATHURMAL (LATE)	39/53	ARVALEM	BICHOLIM
19	SHRI MAHABLESHWAR GARCO (LATE)	02/57	MUGULI / COSTI	SANGUEM
20	SMT MANIKBAI PAI VERNEKAR	07/59	DHARBANDORA	SANGUEM
21	SHRI MOTIRAM GOUNDALCAR (LATE)	95/53	NIRANCAL	PONDA
22	SHRI MUHAMED USMAN MUHAMAD HASSAN	10/50	CURPEM	SANGUEM
23	SHRI MUSSA XEC USMAN (LATE)	27/57	KALAY	SANGUEM
24	SHRI N. S. NARVEKAR (LATE)	40/51	SANTONA / QUIRLA PALE	SANGUEM
25	SHRI N. S. NARVEKAR (LATE)	31/59	SANTONA / RUMBREM	SANGUEM
26	SHRI N. S. NARVEKAR (LATE)	32/53	CURDI	SANGUEM
27	SHRI N. S. NARVEKAR (LATE)	12/52	SANTONA/ QUIRLA PALE	SANGUEM
28	SHRI NOOR MOHAMMAD ABDUL KARIM (LATE)	43/53	CURPEM	SANGUEM
29	SHRI ROQUE SANTANA BARNETO (LATE)	25/52	RIVONA	SANGUEM
30	SHRI SALVADOR FERNANDES (LATE)	48/54	CURPEM	SANGUEM
31	SHRI QUEXOVA CUNDO (LATE)	59/52	COLOMBA	SANGUEM
32	SHRI RAJARAM POIGUINKAR (LATE)	08/50	PATIEM / UGUEM	SANGUEM
33	SHRI RAMACANT POIGUINKAR (LATE)	03/59	SANVORDEM	SATTARI
34	SHRI RAMACANT VELINGKAR	24/57	DHARBANDORA	SANGUEM
35	SHRI RAMAKRISHNA D. P. LOUNDO (LATE)	47/51	NAVELIM	BICHOLIM
36	SHRI RAVINDRA T. DEULKAR	22/59	MAULINGUEM	SANGUEM
37	SHRI RAVINDRA T. DEULKAR	20/51	MAULINGUEM	SANGUEM
38	SHRI ROGHUVIR R. LOTLIKAR (LATE)	15/50	VERLEM	SANGUEM
39	SHRI ROGHUVIR R. LOTLIKAR (LATE)	21/56	MAINA	QUEPEM
40	SHRI ROGHUVIR R. LOTLIKAR (LATE)	103/52	NETORLIM	SANGUEM
41	SHRI ROGHUVIR R. LOTLIKAR (LATE)	23/56	KARAPUR	BICHOLIM
42	SHRI ROGHUVIR R. LOTLIKAR (LATE)	22/56	GANGEM	SATTARI
43	SHRI ROGHUVIR R. LOTLIKAR (LATE)	16/50	VERLEM	SANGUEM
44	SHRI ROGHUVIR R. LOTLIKAR (LATE)	81/59	PILIEM	SANGUEM
45	SHRI MOHANLAL REGE (LATE)	50/58	COLEM	SANGUEM
46	SHRI V. P. S. SUQUERKAR (LATE)	01/42	MELAULIM / CONQUERIM	SATTARI
47	SHRI VAMAN JOSHI (LATE)	39/52	OZORIM	PERNEM
48	SHRI VINAYAK NAIK (LATE)	31/56	SIGAO	SANGUEM
49	SHRI XEC ABDUL GOFUR XEC ABDUL AZIZ (LATE)	53/51	CURPEM	SANGUEM
50	SHRI XEC A. ABUBAKAR (LATE)	34/51	COLOMBA	SANGUEM
51	SHRI XEC ABDUL GOFUR XEC ABDUL AZIZ (LATE)	37/51	CURPEM	SANGUEM
52	SHRI XEC ABDUL KADAR (LATE)	12/50	NETORLIM	SANGUEM
53	SHRI XEC ABDUL KADAR (LATE)	03/41	BATI	SANGUEM
54	SHRI XEC AYUB (LATE)	19/51	TODOU, NETURLIM / VERLEM	SANGUEM
55	SHRI XEC CADAR X. USMAN (LATE)	120/53	VICHUNDREM	SANGUEM
56	SHRI XEC CADAR X. USMAN (LATE)	25/56	CODLI	SANGUEM
57	M/S COMPANIHA MINEIRA PROGRESSO	06/63	VICHUNDREM	SANGUEM

58	M/S ELRAY MINERALS	01/37	SANCORDEM	SANGUEM
59	M/S GASA GOA LTD.	82/53	SANGOD	SANGUEM
60	SHRI GURUDAS TIMBLO (LATE)	17/50	PALE	BICHOLIM
61	SHRI GURUDAS TIMBLO (LATE)	08/51	PIRLA	QUEPEM
62	SHRI GURUDAS TIMBLO (LATE)	51/51	VERLEM	SANGUEM
63	M/S LIMA LEITAO & CO.LTD.	92/53	XELPI	SATTARI
64	M/S LITHOFERRO	89/52	ADVALPALE	BICHOLIM
65	M/S LITHOFERRO	19/56	SANGOD	SANGUEM
66	M/S MAHALAXMI MINING CO.LTD.	27/50	NETORLIM	SANGUEM
67	SHRI MANHARLAL D.RAJANI	13/58	LADPEM	BICHOLIM
68	M/S MARZOOK & CADAR LTD.	18/56	COLOMBA	SANGUEM
69	M/S MARZOOK & CADAR LTD.	04/58	SONAL	SATTARI
70	M/S MARZOOK & CADAR LTD.	04/55	DHARBANDORA	SANGUEM
71	M/S ORIENT GOA LTD.	15/53	NETORLIM	SANGUEM
72	M/S ORIENT GOA LTD.	141/53	NANUZ/USGAO	BICHOLIM
73	M/S S. KANTILAL & CO. PVT. LTD.	16/49	SANCORDEM	SANGUEM
74	M/S S. KANTILAL & CO. PVT. LTD.	05/50	VILLIENA	SANGUEM
75	M/S S. KANTILAL & CO. PVT. LTD.	17/51	NETORLIM	SANGUEM
76	M/S S. KANTILAL & CO. PVT. LTD.	17/52	VILLIENA	SANGUEM
77	M/S S. KANTILAL & CO. PVT. LTD.	18/52	BATI	SANGUEM
78	M/S S. KANTILAL & CO. PVT. LTD.	60/52	CURDI	SANGUEM
79	M/S S. KANTILAL & CO. PVT. LTD.	61/52	BATI	SANGUEM
80	M/S S. KANTILAL & CO. PVT. LTD.	96/52	VILLIENA	SANGUEM
81	M/S S. KANTILAL & CO. PVT. LTD.	35/53	VADEM	BICHOLIM
82	M/S S. KANTILAL & CO. PVT. LTD.	70/53	NETORLIM	SANGUEM
83	M/S S. KANTILAL & CO. PVT. LTD.	28/55	SANCORDEM	SANGUEM
84	M/S S. KANTILAL & CO. PVT. LTD.	29A/56	BATI	SANGUEM
85	M/S S. KANTILAL & CO. PVT. LTD.	30/56	BATI	SANGUEM
86	M/S S. KANTILAL & CO. PVT. LTD.	36/56	BATI	SANGUEM
87	M/S S. KANTILAL & CO. PVT. LTD.	49/56	BATI	SANGUEM
88	M/S S. KANTILAL & CO. PVT. LTD.	31/57	CUMBARI	SANGUEM
89	M/S S. KANTILAL & CO. PVT. LTD.	32/57	BATI	SANGUEM
90	M/S S. KANTILAL & CO. PVT. LTD.	49/58	BATI	SANGUEM
91	M/S S. KANTILAL & CO. PVT. LTD.	29/59	CALEM	SANGUEM
92	M/S S. KANTILAL & CO. PVT. LTD.	68/59	CURDI	SANGUEM
93	M/S S. KANTILAL & CO. PVT. LTD.	20/60	BATI	SANGUEM
94	M/S S. KANTILAL & CO. PVT. LTD.	50/52	NAIQUIRIM	SANGUEM
95	M/S S. KANTILAL & CO. PVT. LTD.	50/57	BORDEM	BICHOLIM
96	M/S S. KANTILAL & CO. PVT. LTD.	67/51	NETORLIM	SANGUEM
97	M/S S. KANTILAL & CO. PVT. LTD.	4/52	SANCORDEM	SANGUEM
98	M/S S. KANTILAL & CO. PVT. LTD.	5/56	BATI	SANGUEM
99	M/S S. KANTILAL & CO. PVT. LTD.	1/52	MOLCORNEM	SANGUEM
100	M/S S. KANTILAL & CO. PVT. LTD.	12/56	NAIQUINIM	SANGUEM
101	M/S S. KANTILAL & CO. PVT. LTD.	66/51	COLEM	SANGUEM
102	M/S S. KANTILAL & CO. PVT. LTD.	44/54	NANORA	BICHOLIM
103	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	44/51	MAINA	QUEPEM
104	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	28/52	RIVONA	SANGUEM
105	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	09/53	MAINA	QUEPEM
106	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	60/53	MOLCORNEM	QUEPEM
107	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	81/53	VELGUEM	BICHOLIM
108	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	04/56	CARMONEM	SANGUEM
109	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	07/54	NUNDEM	SANGUEM
110	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	28/54	AGLOTE	SANGUEM
111	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	34/57	POTREM	SANGUEM
112	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	37/57	PISSURLEM	SATTARI
113	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	39/54	SANCORDEM	SANGUEM
114	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	01/61	CURPEM	SANGUEM
115	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	55/52	CURDI	SANGUEM
116	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	90/52	LATAMBARCEM	BICHOLIM
117	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	42/51	NETORLIM	SANGUEM
118	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	76/58	ARVALEM	BICHOLIM

119	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	38/59	ANTORIEM	SANGUEM
120	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	27/58	CANANGUINIM	QUEPEM
121	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	24/60	QUIRLAPALE	SANGUEM
122	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	33/58	UGUEM	SANGUEM
123	M/S SHANTILAL KHUSHALDAS & BROS PVT. LTD.	09/56	ARVALEM	BICHOLIM
124	M/S TISA MORAES MINING IND.	61/57	CURDI	SANGUEM
125	M/S ZANTYE & COMPANY PVT. LTD.	28/53	SARVONA	BICHOLIM
126	SMT AHILIABAI SARDESAI (LATE)	41/54	CORMONEM / BANDOLI	SANGUEM
127	SHRI ALEIXO MANUEL C. P. DA COSTA	05/53	TUDOU / PATIEM	SANGUEM
128	SMT AMALIA RODRIGUES G. FIGUEIREDO (LATE)	65/51	CURPEM	SANGUEM
129	SHRI ATCHUTA V. S. VELINGKAR	29/55	AGLOTE	SANGUEM
130	SHRI ATCHUTA V. S. VELINGKAR	67/52	VICHUNDREM / NETORLIM	SANGUEM
131	M/S. SARDA ENERGY & MINERAL LTD.	53/52	CURPEM	SANGUEM
132	M/S. SARDA ENERGY & MINERAL LTD.	100/53	COLOMBA / CURPEM	SANGUEM
133	M/S. BADDRUDIN HUSSAINBHAI MAVANI	14/52	COLOMBA / SULCORN	SANGUEM
134	SHRI CIPRIANO D'SOUZA (LATE)	07/58	SANGOD	SANGUEM
135	SHRI CIPRIANO D'SOUZA (LATE)	01/56	NIRANCAL	PONDA
136	M/S COSME COSTA & SONS	110/53	PISSURLEM	SATTARI
137	SHRI DAMU S. NAIQUE (LATE)	29/51	SULCORN / VICHUNDREM	QUEPEM / SANGUEM
138	SHRI DIOGO JOAO XAVIER SEQUEIRA (LATE)	10/55	MALPONA	SATTARI
139	SHRI GANGADHAR N. AGRAWAL	06/61	MAINA	QUEPEM
140	SHRI GANGADHAR N. AGRAWAL	07/61	MAINA / RIVONA	QUEPEM / SANGUEM
141	SHRI GANGADHAR N. AGRAWAL	35/50	NETORLIM	SANGUEM
142	SHRI GANGADHAR N. AGRAWAL	08/52	MAINA	QUEPEM
143	SHRI GANGADHAR N. AGRAWAL	08/41	SIGAO / COLLEM	SANGUEM
144	SHRI GANGADHAR N. AGRAWAL	18/54	BORDEM	BICHOLIM
145	SHRI GANGADHAR N. AGRAWAL	18/58	ARVALEM	BICHOLIM
146	SHRI GANGADHAR N. AGRAWAL	08/55	KALAY	SANGUEM
147	SMT GEETABALA M. N. PARULEKAR	55/51	PISSURLEM	SATTARI
148	SMT GEETABALA M. N. PARULEKAR	39/50	DARGALIM	PERNEM
149	SHRI GOPINATA S. GARCO (LATE)	11/56	UNDORNA	QUEPEM
150	SHRI HIRALAL KHODIDAS (LATE)	06/49	COLOMBA	SANGUEM
151	SHRI HIRU BOMBO GAUNS (LATE)	01/47	VICHUNDREM	SANGUEM
152	SHRI HIRU BOMBO GAUNS (LATE)	38/52	VICHUNDREM	SANGUEM
153	SMT KUNDA GHARSE	42/56	TUDOU	SANGUEM
154	SMT KUNDA GHARSE	03/57	PATIEM / TUDOU	SANGUEM
155	SMT KUNDA GHARSE	33/57	PATIEM / TUDOU	SANGUEM
156	SMT KUNDA GHARSE	19/54	TUDOU	SANGUEM
157	SMT KUNDA GHARSE	51/52	CUDNEM	BICHOLIM
158	SMT KUNDA GHARSE	22/51	SALGINIM / VERLEM	SANGUEM
159	SMT KUNDA GHARSE	40/52	SALGINIM / VERLEM	SANGUEM
160	SMT KUNDA GHARSE	82/52	COLOMBA	SANGUEM
161	SMT LIDIA B. SIMOES (LATE)	07/49	COLOMBA	SANGUEM
162	SMT LIDIA B. SIMOES (LATE)	17/55	CODLI	SANGUEM
163	SMT LIDIA B. SIMOES (LATE)	71/59	NETORLIM	SANGUEM
164	SMT LIDIA B. SIMOES (LATE)	10/53	PIRLA	QUEPEM
165	SMT LIDIA B. SIMOES (LATE)	77/59	MAINA	QUEPEM
166	SMT LIDIA B. SIMOES (LATE)	42/50	RIVONA	SANGUEM
167	SHRI MINGUEL MASCARENHAS (LATE)	60/51	VICHUNDREM	SANGUEM
168	M/S NACIONAL AGENCY	02/49	VERLEM	SANGUEM
169	M/S RAPHAEL MINES	06/41	CALEM	SANGUEM
170	M/S R. S. SHETYE & BROS.	70/51	PISSURLEM	SATTARI
171	SHRI ROGHUVIR POINGUINKAR (LATE)	41/51	CUDNEM	BICHOLIM
172	SHRI ROGHUVIR POINGUINKAR (LATE)	52/51	DHARBANDORA	SANGUEM
173	M/S SOVA	45/54	SANGOD	SANGUEM
174	D. B. BANDODKAR (LATE)	62A/52	VELGUEM	BICHOLIM
175	PANDURANGO S. GARCO (LATE)	21/59	CONQUIREM	SATTARI
176	SHRI V. G. MEHTA (LATE)	46/51	COLOMBA	SANGUEM
177	SHRI V. G. MEHTA (LATE)	41/53	COLOMBA	SANGUEM
178	SHRI V. G. QUENIM (LATE)	16/55	SONUS VONVOLIE	SATTARI
179	SHRI VINCENTE FERNANDES (LATE)	68/53	UGUEM	SANGUEM

180	SHRI VINCENTE FERNANDES (LATE)	01/58	DHAVEM	SATTARI
181	SHRI VOIKUNTA KADNEKAR (LATE)	12/53	MAINA	QUEPEM
182	SHRI VOIKUNTA KADNEKAR (LATE)	75/52	COLOMBA / RIVONA	SANGUEM
183	SHRI XEC MOHAMMAD ISSAC (LATE)	01/51	CAUREM	QUEPEM
184	SHRI ZACARIAS ANTAO (LATE)	55/53	POTREM	SANGUEM
185	SHRI ZAIRAM BHICAJI NEOGUI (LATE)	21/51	CAVREM	QUEPEM
186	SHRI ZAIRAM BHICAJI NEOGUI (LATE)	06/50	COLOMBA	SANGUEM
187	SHRI ZAIRAM BHICAJI NEOGUI (LATE)	03/52	COLOMBA	SANGUEM
188	SHRI ZAIRAM BHICAJI NEOGUI (LATE)	20/50	COLOMBA	SANGUEM
189	SHRI ZAIRAM BHICAJI NEOGUI (LATE)	04/51	MOLCORNEM	QUEPEM
190	SHRI ZAIRAM BHICAJI NEOGUI (LATE)	59/51	CAVREM / MAINA	SANGUEM / QUEPEM
191	M/S SOCIEDADE ZARAPKAR & PARKAR LTD	34/55	DABAL	SANGUEM
192	M/S BANDEKAR BROS. PVT. LTD.	84/52	PALE	BICHOLIM
193	M/S CHOWGULE & CO. LTD.	21/50	VICHUNDREM	SANGUEM
194	M/S CHOWGULE & CO. LTD.	31/55	XELPO CURADO, GAVANEM & AMBELIM	SATTARI
195	M/S CHOWGULE & CO. LTD.	05/49	SIRIGAO / MAYEM	BICHOLIM
196	M/S CHOWGULE & CO. LTD.	13/49	MAYEM	BICHOLIM
197	M/S CHOWGULE & CO. LTD.	30/54	NADORA	BARDEZ
198	M/S CHOWGULE & CO. LTD.	93/52	RIVONA	SANGUEM
199	M/S CHOWGULE & CO. LTD.	4/50	MAULINGUEM	BICHOLIM
200	M/S CHOWGULE & CO. LTD.	12/57	COSTI	SANGUEM
201	M/S CHOWGULE & CO. LTD.	42/57	TUDOU	SANGUEM
202	M/S CHOWGULE & CO. LTD.	38/51	COSTI	SANGUEM
203	M/S CHOWGULE & CO. LTD.	22/50	COSTI	SANGUEM
204	M/S CHOWGULE & CO. LTD.	57/53	SULCORN, CURPEM & VICHUNDREM	QUEPEM & SANGUEM
205	M/S CHOWGULE & CO. LTD.	40/57	TUDOU	SANGUEM
206	M/S CHOWGULE & CO. LTD.	52/58	AMONA & NAVELIM	BICHOLIM
207	M/S CHOWGULE & CO. LTD.	98/52	ONDA & CUDNEM	SATTARI
208	M/S CHOWGULE & CO. LTD.	26/57	XELPO CURADO	SATTARI
209	M/S CHOWGULE & CO. LTD.	31/53	PALE / PONOCEM	BICHOLIM
210	M/S CHOWGULE & CO. LTD.	41/56	PONOCEM	SATTARI
211	M/S DAMODAR MANGALJI & CO. LTD.	15/60	CORMONEM	SANGUEM
212	M/S DAMODAR MANGALJI & CO. LTD.	33/56	ARVALEM / PORIEM	BICHOLIM / SATTARI
213	M/S DAMODAR MANGALJI & CO. LTD.	33/53	SURLA	BICHOLIM
214	M/S DAMODAR MANGALJI & CO. LTD.	26/60	CODLI	SANGUEM
215	M/S DAMODAR MANGALJI & CO. LTD.	11/50	COSTI	SANGUEM
216	M/S DAMODAR MANGALJI & CO. LTD.	42/53	MOICALEM	SANGUEM
217	M/S DAMODAR MANGALJI & CO. LTD.	34/56	SIGAO	SANGUEM
218	M/S DAMODAR MANGALJI & CO. LTD.	1/55	SURLA	BICHOLIM
219	M/S DAMODAR MANGALJI & CO. LTD.	46/56	DABAL	SANGUEM
220	M/S DAMODAR MANGALJI & CO. LTD.	18/53	CONQUIREM	SATTARI
221	M/S DAMODAR MANGALJI & CO. LTD.	84/53	COLOMBA	SANGUEM
222	M/S DAMODAR MANGALJI & CO. LTD.	95/52	PISSURLEM	SATTARI
223	M/S DEMPO MINING CORP. PVT. LTD.	13/41	BORDEM, MAYEM & LAMGAO	BICHOLIM
224	M/S DEMPO MINING CORP. PVT. LTD.	14/41	MULGAO	BICHOLIM
225	M/S DEMPO MINING CORP. PVT. LTD.	15/41	MULGAO, SHIRIGAO & MAYEM	BICHOLIM
226	M/S DEMPO MINING CORP. PVT. LTD.	12/41	BICHOLIM, MAYEM & LAMGAO	BICHOLIM
227	M/S DEMPO MINING CORP. PVT. LTD.	11/41	BICHOLIM, MAYEM & LAMGAO	BICHOLIM
228	M/S DEMPO MINING CORP. PVT. LTD.	11/52	BICHOLIM	BICHOLIM
229	M/S EMCO GOA PVT. LTD	23/53	COLLEM, MOLLEM / SIGAO	SANGUEM
230	M/S EMCO GOA PVT. LTD	7/41	SIGAO	SANGUEM
231	M/S GOA MINERALS (P) LTD.	43/58	SIGAO	SANGUEM
232	M/S GOA MINERALS (P) LTD.	115/53	MELAULIM	SATTARI
233	M/S M.S.TALAULIKAR & SONS PVT. LTD.	2/51	SANCORDEM	SANGUEM
234	M/S MADACHEM BAT MINES PVT. LTD.	8/61	PALE	BICHOLIM
235	M/S MINEIRA NACIONAL LTDA.	62/51	SANTONA /	SANGUEM

235	M/S HARDESH ORES PVT. LTD.	52/51	KIRLA PAL	SANGUEM
236	M/S PANDURANG TIMBLO IND.	37/50	BATTI / CUMBARI	SANGUEM
237	M/S PANDURANG TIMBLO IND.	29/52	RIVONA	SANGUEM
238	M/S PANDURANG TIMBLO IND.	54/52	BATTI / CUMBARI	SANGUEM
239	M/S RAJARAM BANDEKAR (SIRIGAO) MINES PVT. LTD.	4/49	SIRIGAO	BICHOLIM
240	M/S SESA GOA LTD.	9/49	MAULINGUEM	BICHOLIM
241	M/S SESA GOA LTD.	32/55	PIRNA	BARDEZ
242	M/S SESA GOA LTD.	69/51	CODLI	SANGUEM
243	M/S SESA GOA LTD.	76/52	ADVALPALE	BICHOLIM
244	M/S SESA GOA LTD.	26/55	SACORDEM	SANGUEM
245	M/S SESA GOA LTD.	38/55	DHARBANDORA	SANGUEM
246	M/S SESA GOA LTD.	6/55	HONDA	SATTARI
247	M/S SESA GOA LTD.	03/54	MAULINGUEM	BICHOLIM
248	M/S SESA GOA LTD.	28/51	PISSURLEM	SATTARI
249	M/S SESA GOA LTD.	70/52	CODLI	SANGUEM
250	M/S SESA GOA LTD.	39/55	DHARBANDORA	SANGUEM
251	M/S SESA GOA LTD.	10/49	MAULINGUEM	BICHOLIM
252	M/S SESA GOA LTD.	126/53	CODLI	SANGUEM
253	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	61/53	CODLI	SANGUEM
254	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	87/53	SIGAO	SANGUEM
255	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	143/53	SANGOD	SANGUEM
256	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	34/50	RIVONA	SANGUEM
257	M/S SOC. TIMBLO IRMAOS LTDA. (T.P.L.)	73/52	AGLOTE	SANGUEM
258	M/S SOC. TIMBLO IRMAOS LTDA. (T.P.L.)	92/52	CUDNEM	BICHOLIM
259	M/S SOC. TIMBLO IRMAOS LTDA. (T.P.L.)	22/55	QUIRLAPALE	SANGUEM
260	M/S SOC. TIMBLO IRMAOS LTDA. (T.P.L.)	90/53	SALGINIM	SANGUEM
261	M/S SOC. TIMBLO IRMAOS LTDA. (T.P.L.)	96/53	RIVONA	SANGUEM
262	M/S SOC. TIMBLO IRMAOS LTDA. (T.P.L.)	14/58	CODLI	SANGUEM
263	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	139/53	MELAULIM	SATTARI
264	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	20/57	KIRLAPALE	SANGUEM
265	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	81/52	NETORLIM	SANGUEM
266	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	35/55	PALE	BICHOLIM
267	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	1/41	VERLEM	SANGUEM
268	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	16/52	SALGINIM / VERLEM	SANGUEM
269	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	137/53	VERLEM	SANGUEM
270	M/S SOC. TIMBLO IRMAOS LTDA. (P.T.I.)	42/54	SALGINIM / VERLEM	SANGUEM
271	M/S SOC. TIMBLO IRMAOS LTDA. (S.F.I.)	88/52	SIGAO	SANGUEM
272	M/S SOC. TIMBLO IRMAOS LTDA. (S.F.I.)	45/52	CUDNEM	BICHOLIM
273	M/S SOC. TIMBLO IRMAOS LTDA. (S.F.I.)	14/53	CUDNEM	BICHOLIM
274	M/S SOC. TIMBLO IRMAOS LTDA. (S.F.I.)	21/57	BATI	SANGUEM
275	M/S SOC. TIMBLO IRMAOS LTDA. (S.F.I.)	31/50	RIVONA	SANGUEM
276	M/S SOC. TIMBLO IRMAOS LTDA. (S.F.I.)	44/52	SALGINIM	SANGUEM
277	M/S SOC. TIMBLO IRMAOS LTDA. (S.F.I.)	19/55	MOLLEM	SANGUEM
278	M/S SOC. TIMBLO IRMAOS LTDA. (S.F.I.)	88/53	COLOMBA	SANGUEM
279	SHRI V. D. CHOWGULE (LATE)	107/53	SURLA	BICHOLIM
280	SHRI V. D. CHOWGULE (LATE)	40/50	SANTONA	SANGUEM
281	SHRI V. D. CHOWGULE (LATE)	16/51	DUDAL	SANGUEM
282	SHRI V. D. CHOWGULE (LATE)	14/51	COLOMBA	SANGUEM
283	SHRI V. D. CHOWGULE (LATE)	001/53	AGLOTE	SANGUEM
284	SHRI V. D. CHOWGULE (LATE)	59/53	GAVANEM	SATTARI
285	SHRI V. D. CHOWGULE (LATE)	31/54	SANCORDEM	SANGUEM
286	SHRI V. D. CHOWGULE (LATE)	46/54	PIRNA	BARDEZ
287	SHRI V. D. CHOWGULE (LATE)	15/51	MOLEM	SANGUEM
288	SHRI V. D. CHOWGULE (LATE)	2/53	CANDOLA	PONDA
289	SHRI V. D. CHOWGULE (LATE)	93/53	VAGURIEM	SATTARI
290	SHRI V. D. CHOWGULE (LATE)	106/53	SURLA	BICHOLIM
291	SHRI V. D. CHOWGULE (LATE)	58/52	SALGINIM	SANGUEM
292	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	13/55	SIGAO	SANGUEM
293	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	39/56	MALPONA	SATTARI
294	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	47/54	SIGAO	SANGUEM
295	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	44/56	SURLA / AGLOTE	SANGUEM
296	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	27/53	AGLOTE	SANGUEM
297	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	83/52	SURLA	BICHOLIM
298	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	29/54	SURLA	BICHOLIM
299	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	19/58	SONUS VOLVOLIEM	SATTARI
300	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	25/54	VANTEM	SATTARI
301	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	62B/52	VELGUEM	BICHOLIM
302	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	71/51	VANTEM	SATTARI
303	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	50/53	SIGAO	SANGUEM
304	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	19/52	AGLOTE	SANGUEM
305	M/S V. M. SALGAOCAR & BRO. PVT. LTD.	18/55	MALPONA	SATTARI
306	V. M. SALGAOCAR (LATE) (SMI)	49/54	ADVALPALE	BICHOLIM

307	V. M. SALGAOCAR (LATE) (SMI)	24/50	DUDAL	SANGUEM
308	V. M. SALGAOCAR (LATE) (SMI)	4/53	MELAULI	SATTARI
309	V. M. SALGAOCAR (LATE) (SMI)	41/55	TIVIM / PIRNA	BARDEZ
310	V. M. SALGAOCAR (SALLITHO)	86/53	PALE	BICHOLIM
311	M/S V. S. DEMPO & CO. PVT. LTD.	7/50	DUDAL / MAULINGUEM	SANGUEM
312	M/S V. S. DEMPO & CO. PVT. LTD.	20/54	SONUS VONVOLIE M	SATTARI
313	M/S V. S. DEMPO & CO. PVT. LTD.	05/54	SONUS VONVOLIE M	SATTARI
314	M/S V. S. DEMPO & CO. PVT. LTD.	37/52	CARAPUR	BICHOLIM
315	M/S V. S. DEMPO & CO. PVT. LTD.	35/52	RIVONA	SANGUEM
316	M/S V. S. DEMPO & CO. PVT. LTD.	43/51	AGLOTE	SANGUEM
317	M/S V. S. DEMPO & CO. PVT. LTD.	40/54	CURPEM / SULCORN A	SANGUEM / QUEPEM
318	M/S V. S. DEMPO & CO. PVT. LTD.	3/51	CURPEM / SULCORN A	SANGUEM / QUEPEM
319	M/S V. S. DEMPO & CO. PVT. LTD.	21/54	SURLA / CUDNEM	BICHOLIM
320	M/S V. S. DEMPO & CO. PVT. LTD.	17/60	NAVELIM	BICHOLIM
321	M/S A. H. JAFFAR & SONS	3/FE & MN/70	CARAPUR	BICHOLIM
322	M/S VAGHA MINERALS PVT. LTD.	6/FEMN/ 69	COLOMBA	SANGUEM
323	M/S BHUMIPURUSH MINERALS PVT. LTD	1/NSD/B AUX/85	NAQUERIM	QUEPEM
324	SHRI ANTONIO DAVID SOUSA	2/FEMN/ 79	SULCORN A	QUEPEM
325	M/S D. B. BANDODKAR & SONS	9/FE/78	VELGUEM	BICHOLIM
326	M/S EMCO GOA PVT. LTD.	7/FE/78	VICHUNDREM	SANGUEM
327	SHRI GAJANAN PODIYAR	1/FEMN/ 78	MOLCORNEM	QUEPEM
328	SMT JAI KISHORI SAHIB	1/FEMN/ 77	SULCORN A	QUEPEM
329	SHRI K. N. SHARIFF	2/FEMN/ 74	SULCORN A	QUEPEM
330	M/S DAMODAR MANGALJI & CO. PVT. LTD.	2/FE/71	PISSURLEM	SATTARI
331	SHRI NARAINA S. QUIRTONIM (LATE)	3/FEMN/ 79	CAUREM	QUEPEM
332	SHRI PRAVIN KUMAR S. GOSALIA	5/NSD/B AUX/68	CABO DE RAMA, NUVEM & CANANGUINIM	CANACONA & QUEPEM
333	SHRI PRAVIN KUMAR S. GOSALIA	4/NSD/B AUX/68	QUITOL, NAQUERIM, MORPILA, FATORPA & VELIM	QUEPEM & SALCETE
334	SHRI RAGHUVIR SHAMBA Naik (LATE)	23/58	NAVELIM	BICHOLIM
335	SHRI V. G. MEHTA (LATE)	33/52	CURPEM	SANGUEM
336	M/S RAJARAM N. S. BANDEKAR & CO. PVT. LTD.	10/41	NUNDEM	SANGUEM

APPENDIX V

Taluka-Wise List of Active Mining Leases

APPENDIX V: TALUKA-WISE LIST OF ACTIVE MINING LEASES (OPERATED/OPERATING MINES FOR THE PERIOD FROM /03/2008 TO 31/12/2010)				
Sr.No	NAME OF LEASES	T.C.NO.	VILLAGE	TALUKA
1	V.M. SALGAONKAR & BRO.	41/55	TIVIM	BARDEZ
2	M/S DEMPO MINING CORP. PVT. LTD	11/41	LAMGAO	BICHOLIM
3	M/S DEMPO MINING CORP. PVT. LTD	12/41	BICHOLIM	BICHOLIM
4	M/S DEMPO MINING CORP. PVT. LTD	13/41	BORDEM	BICHOLIM
5	M/S DEMPO MINING CORP. PVT. LTD	14/41	MULGAO	BICHOLIM
6	M/S DEMPO MINING CORP. PVT. LTD	15/41	MULGAO	BICHOLIM
7	M/S. RAJARAM BANDEKAR (S) MINES PVT. LTD.	4/49	SIRIGAO	BICHOLIM
8	M/S CHOWGULE & CO. LTD.	5/49	SIRIGAO/MAYEM	BICHOLIM
9	M/S CHOWGULE & CO. LTD.	13/49	SIRIGAO/MAYEM	BICHOLIM
10	M/S SESA GOA LTD	9/49	MAULINGUEM	BICHOLIM
11	M/S SESA GOA LTD	10/49	MAULINGUEM	BICHOLIM
12	M/S SOC. TIMBLO IRMAOS LTDA.(SFI)	45/52	CUDNEM	BICHOLIM
13	SMT. KUNDA GHARSE	51/52	CUDNEM	BICHOLIM
14	SMT.SUNANDA D. BANDODKAR (LATE)	62A/52	VELGUEM	BICHOLIM
15	V.M. SALGAONKAR & BRO. PVT. LTD.	62B/52	VELGUEM	BICHOLIM
16	V.M. SALGAONKAR & BRO. PVT. LTD.	83/52	SURLA	BICHOLIM
17	V.M. SALGAONKAR & BRO. PVT. LTD.	29/54	SURLA	BICHOLIM
18	M/S SESA GOA LTD	76/52	ADVALPALE	BICHOLIM
19	M/S BANDEKAR BROS.PVT.LTD.	84/52	PALE	BICHOLIM
20	M/S LITHOFERRO	89/52	ADVALPALE	BICHOLIM
21	M/S SOC. TIMBLO IRMAOS LTDA.(SFI)	92/52	CUDNEM	BICHOLIM
22	M/S SOC. TIMBLO IRMAOS LTDA.(SFI)	14/53	CUDNEM	BICHOLIM
23	M/S CHOWGULE & CO. LTD.	31/53	PALE	BICHOLIM
24	M/S DAMODAR MANGALJI & CO.LTD.	33/53	SURLA	BICHOLIM
25	SHRI LEKHRAJ NATHURMAL (LATE)	39/53	ARVALEM	BICHOLIM
26	V.M.SALGAONKAR & BRO. (SALLITHO)	86/53	PALE	BICHOLIM
27	M/S SESA GOA LTD	3/54	MAULINGUEM	BICHOLIM
28	M/S.V.S.DEMPO & CO.PVT.LTD.	21/54	SURLA/CUDNEM	BICHOLIM
29	M/SDAMODAR MANGALJI & CO.LTD.	1/55	SURLA	BICHOLIM
30	M/S SOC. TIMBLO IRMAOS LTDA.(SFI)	35/55	PALE	BICHOLIM
31	M/S MADACHEM BHAT LTD.	8/61	PALE	BICHOLIM
32	SHRI SHAIKH MOHAMMAD ISSAC (LATE)	1/51	CAVOREM	QUEPEM
33	SHRI HAIDER KASSIM KHAN (LATE)	10/51	MAINA	QUEPEM
34	M/S SHANTILAL KUSHALDAS & BROS.PVT. LTD.	44/51	MAINA	QUEPEM

35	SHRI ZAIRAM NEOGUI (LATE)	59/51	CAVOREM	QUEPEM
36	SHRI VOICUNTA CANECAR (KADNEKAR) (LATE)	12/53	MAINA/CAVOREM	QUEPEM
37	SHRI GANGADHAR NARSINGDAS AGRAWAL	6/61	MAINA	QUEPEM
38	SHRI GAJANAN PODIYAR	1/Fe/Mn/78	MOLCOREM	QUEPEM
39	SHRI PRAVINKUMAR GOSALIA	4/NSD/BAUX /68	QUITOL, VELIM, NAQUERIM, MORPILA & FATORPA	QUEPEM
40	M/S EMCO GOA PVT. LTD.	7/41	SIGAO	SANGUEM
41	M/S EMCO GOA PVT. LTD.	23/53	COLLEM, MOLLEM & SIGAO	SANGUEM
42	SHRI G.N. AGRAWAL	8/41	SIGAO/COLLEM	SANGUEM
43	SHRI HIRALAL KHODIDAS (LATE)	6/49	COLOMBO	SANGUEM
44	M/S V.S. DEMPO & CO. PVT. LTD.	7/50	DUDAL	SANGUEM
45	SHRI RAJARAM POIGUINKAR (;LATE)	8/50	PATIEM	SANGUEM
46	M/S CHOWGULE & CO. LTD.	12/57	COSTI	SANGUEM
47	M/S CHOWGULE & CO. LTD.	38/51	COSTI	SANGUEM
48	M/S CHOWGULE & CO. LTD.	22/50	COSTI	SANGUEM
49	SHRI PRAFULLA HEDE	30/50	COLLEM	SANGUEM
50	SHRI V.D. CHOWGULE (LATE)	16/51	DUDAL/CALEM	SANGUEM
51	SHRI V.D. CHOWGULE (LATE)	40/50	DUDAL/CALEM	SANGUEM
52	M/S M.S. TALAULIKAR & SONS.	2/51	SANCORDEM	SANGUEM
53	M/S V.S. DEMPO & CO. PVT. LTD.	3/51	CURPEM	SANGUEM
54	SHRI RAVINDRA T. DEULKAR	20/51	MAULINGUEM	SANGUEM
55	M/S MINEIRA NATIONAL LTD.	62/51	SANTONA/QUIRLAP AL	SANGUEM
56	SHRI CANDRAKANT F. NAIK (LATE)/SHRI RAJESH TIMBLO	63/51	CURPEM	SANGUEM
57	SMT. AMALIA RODRIGUES FIQUEREIDO (LATE)	65/51	CURPEM	SANGUEM
58	M/S SESA GOA LTD	69/51	CODLI	SANGUEM
59	SHRI N.S.NARVEKAR (LATE)	40/51	SANTONA/QUIRLAP AL	SANGUEM
60	SHRI N.S.NARVEKAR (LATE)	12/52	SANTONA/QUIRLAP AL	SANGUEM
61	SHRI N.S.NARVEKAR (LATE)	31/59	SANTONA	SANGUEM
62	M/S BADRUDDIN HUSSAINBHAI MAVANI	14/52	SULCORN	SANGUEM
63	V.M. SALGAONKAR & BRO.PT. LTD.	19/52	AGLOTE	SANGUEM
64	V.M. SALGAONKAR & BRO.PT. LTD.	27/53	AGLOTE	SANGUEM
65	V.M. SALGAONKAR & BRO.PT. LTD.	44/56	AGLOTE	SANGUEM
66	M/S SHANTILAL KUSHALDAS & BROS.PVT. LTD.	28/52	RIVONA	SANGUEM

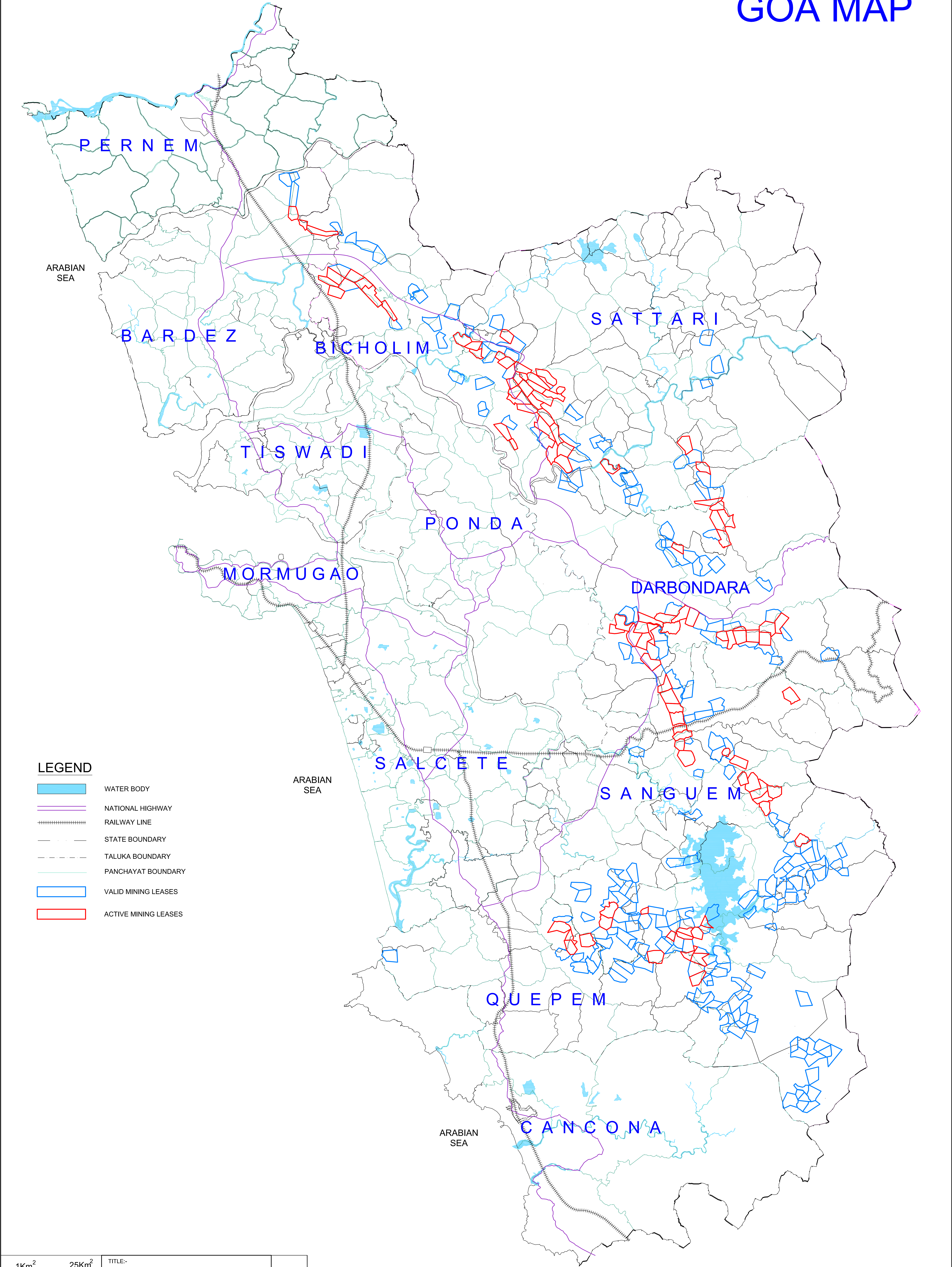
67	M/S V.S. DEMPO & CO. PVT. LTD.	35/52	COLOMBO	SANGUEM
68	M/S SESA GOA LTD	70/52	CODLI	SANGUEM
69	SHRI VOICUNTA CANECAR (KADNEKAR) (LATE)	75/52	COLOMBO/RIVONA	SANGUEM
70	M/S SOC. TIMBLO IRMAOS LTDA.(SFI)	88/52	SIGAO	SANGUEM
71	SHRI ALEIXO MANUEL DA COSTA	5/53	TUDOU/PATIEM	SANGUEM
72	SHRI NOOR M.A. KARIM (LATE)	43/53	CURPEM	SANGUEM
73	V.M.SALGAONKAR & BRO.PVT. LTD.	50/53	SIGAO	SANGUEM
74	SHRI ZACARIAS ANTAO (LATE)	55/53	POTREM	SANGUEM
75	SHRI VINCENTE FERNANDES	68/53	UGUEM	SANGUEM
76	M/S SOC. TIMBLO IRMAOS LTDA.(SFI)	87/53	SIGAO	SANGUEM
77	M/S SESA GOA LTD	126/53	CODLI	SANGUEM
78	M/S SOC. TIMBLO IRMAOS LTDA.(SFI)	143/53	SANGOD	SANGUEM
79	SMT. KUNDA GHARSE	19/54	TUDOU	SANGUEM
80	M/S V.S. DEMPO & CO. PVT. LTD.	40/54	CURPEM	SANGUEM
81	SMT.AHILIABAI SARDESSAI (LATE)	41/54	CORMONEM	SANGUEM
82	M/S SOVA (BALKRISHNA AVDE)	45/54	SANGOD	SANGUEM
83	M/S MARZOOK & CARAR LTD.	4/55	DHARBANDORA	SANGUEM
84	V.M.SALGAONKAR & BRO. PVT. LTD.	13/55	SIGAO	SANGUEM
85	M/S SOC. TIMBLO IRMAOS LTDA.(SFI)	22/55	QUIRLAPAL	SANGUEM
86	SHRI ATCHUTA V.S VELINGKAR	29/55	AGLOTE	SANGUEM
87	M/S ZARAPCAR & PARCAR	34/55	DABAL	SANGUEM
88	SMT.KUNDA GHARSE	42/56	TUDOU	SANGUEM
89	M/S DAMODAR MANGALJI & CO.LTD.	46/56	DABAL	SANGUEM
90	SHRI MAHABLESHWA GARCO (LATE)	2/57	MUGULI	SANGUEM
91	SMT KUNDA GHARSE	3/57	TUDOU	SANGUEM
92	SHRI RAMACANT VELINGKAR	24/57	DHARBANDORA	SANGUEM
93	SMT. KUNDA GHARSE	33/57	TUDOU	SANGUEM
94	SHRI CIPRIANO D'SOUZA (LATE)	7/58	COLEM	SANGUEM
95	M/S SOC. TIMBLO IRMAOS LTDA.(SFI)	14/58	CODLI	SANGUEM
96	SHRI MOHANLAL REGE (LATE)	50/58	COLEM	SANGUEM
97	SHRI ATMARAM PALONDICAR (LATE)	17/49	RIVONA	SANGUEM
98	SHRI X.A.X.A. AZIZ S.A. GOFUR	53/51	CURPEM	SANGUEM
99	M/S SOC. TIMBLO IRMAOS LTDA.(SFI)	61/53	CODLI	SANGUEM
100	M/S SESA GOA LTD	28/51	PISSURLEM	SATTARI
101	SMT. GEETABALA M. PARULEKAR	55/51	PISSURLEM	SATTARI
102	M/S R.S SHETYE & BROS	70/51	PISSURLEM	SATTARI
103	V.M.SALGAOCAR & BRO.PVT. LTD.	39/56	MALPONA	SATTARI
104	V.M.SALGAOCAR & BRO.PVT. LTD.	19/58	SONUS	SATTARI

105	M/S DAMODAR MANGALJI & CO.LTD.	95/52	PISSURLEM	SATTARI
106	M/S CHOWGULE & CO. LTD.	98/52	ONDA	SATTARI
107	M/S DAMODAR MANGALJI & CO.LTD.	18/53	COQUIREM	SATTARI
108	M/S CHOWGULE & CO. LTD.	41/56	PONOCCEM	SATTARI
109	M/S LIMA LEITAO & CO.LTD.	92/53	XELPI	SATTARI
110	SHRI V.D. CHOWGULE (LATE)	93/53	VAGUREM	SATTARI
111	M/S COSME COSTA & SONS	110/53	PISSURLEM	SATTARI
112	M/S V.S. DEMPO & CO. PVT. LTD.	20/54	ONVALIM	SATTARI
113	M/S V.S. DEMPO & CO. PVT. LTD.	5/54	ONVALIM	SATTARI
114	M/S SESA GOA LTD	6/55	HONDA	SATTARI
115	SHRI V.G QUENIM (LATE)	16/55	SONUS	SATTARI
116	M/S CHOWGULE & CO. LTD.	31/55	GAVANEM	SATTARI
117	M/S DAMODAR MANGALJI & CO.LTD.	2/Fe/71	PISSURLEM	SATTARI

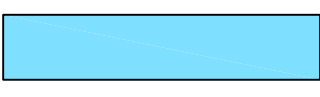
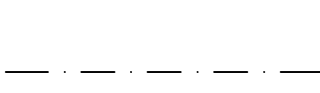
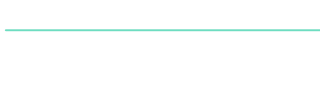
APPENDIX VI

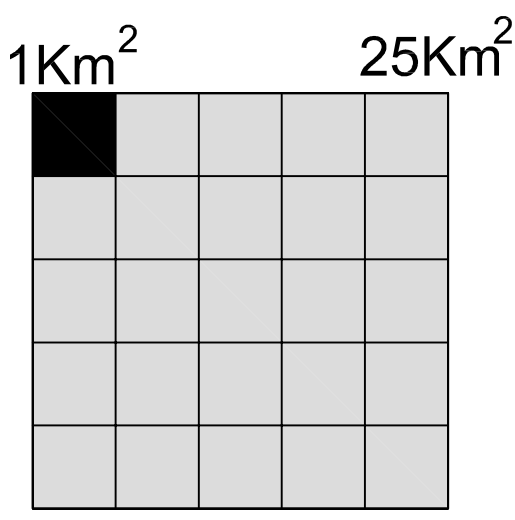
Map showing 117 Active and 219 Valid Leases

GOA MAP



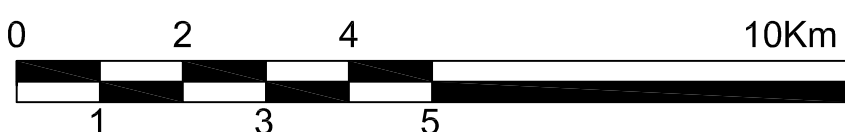
LEGEND

-  WATER BODY
-  NATIONAL HIGHWAY
-  RAILWAY LINE
-  STATE BOUNDARY
-  TALUKA BOUNDARY
-  PANCHAYAT BOUNDARY
-  VALID MINING LEASES
-  ACTIVE MINING LEASES



TITLE:-
VALID & ACTIVE MINING LEASES

REGIONAL PLAN DIVISION
TOWN AND COUNTRY PLANNING DEPT.
GOVT. OF GOA



SCALE- 1:10000

APPENDIX VII

Mining in Existing Land Uses -Forests, Agricultural Land,
Water Bodies etc.

ACTIVE MINING LEASE AREA STATEMENT						AREA UNDER							
Sl. No.	TC NO	VILLAGE NAME	TYPE	PANCHAYAT NAME	TALUKA NAME	AREA OF LEASE (IN Sq M)	SETTLEMENT (IN Sq M)	WATER BODY (IN Sq M)	FOREST (IN Sq M)	PRIVATE FOREST (IN Sq M)	PADDY (new) (IN Sq M)	INDUSTRY (IN Sq M)	ORCHARD (IN Sq M)
						T	1	2	3	4	5	6	7
1	55/53	POTREM	FULL	BHATI	SANGUEM	752365.4154	0	27235	303806.1105	0	0	0	421324.3049
2	5/53	TODOU PART	PART	BHATI	SANGUEM								
3	3/57	TODOU PART	PART	BHATI	SANGUEM	659768.0867	0	0	0	0	7389	0	645964.0867
4	19/54	TODOU	FULL	BHATI	SANGUEM	826127.639	0	0	17829	0	0	0	808298.639
5	33/57	TODOU	FULL	BHATI	SANGUEM	1003368.381	1727.6884	0	215299.2923	23997.3345	0	0	762344.0659
6	42/56	TODOU	FULL	BHATI	SANGUEM	714676.221	0	11971.5282	16232.3878	52267	0	0	634205.305
7	16/51	DUDAL	FULL	CALEM	SANGUEM	836128.538	19142	0	806705.9832	0	0	0	10280.5548
8	12/57	COSTI	FULL	CALEM	SANGUEM	176932.9141	44896.5057	0	47943.2647	0	0	0	84093.1437
9	22/50	COSTI	FULL	CALEM	SANGUEM	623863.5748	100055	0	356640	0	0	0	167168.5748
10	38/51	COSTI	FULL	CALEM	SANGUEM	1126030.708	85842	0	491489	0	0	0	548699.708
11	2/57	COSTI PART	PART	CALEM	SANGUEM	345312.2147	5067	0	175846.58	0	0	163541.4778	857.1569
12	7/50	DUDAL/MAULINGEM	FULL	CALEM	SANGUEM	372930.2995	39714.3578	0	333215.9417	0	0	0	0
13	20/51	MAULINGEM	FULL	CALEM	SANGUEM	859778.8548	13199	0	399971	0	17882	0	428726.8548
14	43/53	CURDI	FULL	CURDI	SANGUEM	318370.6825	0	0	54917	0	4481	0	258972.6825
15	63/51	CURDI/CURPEM	FULL	CURDI	SANGUEM	719962.9437	42421	0	446626.978	17279	20923	0	192712.9657
16	65/51	CURPEM	FULL	CURDI	SANGUEM	563556.0901	22514	0	294386	18927	37587	0	190142.0901
17	53/51	CURPEM	FULL	CURDI	SANGUEM	335364.0689	8469.2254	0	276178	0	10006	0	40710.8435
18	17/49	CURPEM PART	PART	CURDI	SANGUEM	116384.5044	0	0	116384.5044	0	0	0	0
19	40/54	CURPEM PART	PART	CURDI	SANGUEM	121762.9497	0	0	121762.9497	0	0	0	0
20	3/51	CURPEM PART	PART	CURDI	SANGUEM	821380.1372	727.718	0	694572.4315	0	5151.5542	0	120928.4335
21	4/55	DHARBANDORA	FULL	DHARBANDORA	SANGUEM	952084.9695	7336	0	495954	0	82529	0	366265.9695
22	24/57	DHARBANDORA	FULL	DHARBANDORA	SANGUEM	591454	0	0	189501	0	7825	0	394128
23	61/53	DHARBANDORA PART	PART	DHARBANDORA	SANGUEM	212394.3395	0	0	0	0	0	0	212394.3395
24	34/55	CODLI	FULL	kirlapal dabal	SANGUEM	981465.1892	101808	12077	59227	0	20968	0	787385.1892
25	46/56	CODLI	FULL	kirlapal dabal	SANGUEM	752172.1422	83994	0	300854.7052	0	11455	0	355868.437
26	61/53	CODLI PART	PART	kirlapal dabal	SANGUEM	712169	0	73535.7367	0	0	0	0	638633.2633
27	126/53	CODLI	FULL	kirlapal dabal	SANGUEM	1043812.898	27678	0	0	0	17470	0	998664.898
28	70/52	CODLI	FULL	kirlapal dabal	SANGUEM	993102.9477	57791	0	21933.3249	0	2358.2268	0	911020.396
29	14/58	CODLI	FULL	kirlapal dabal	SANGUEM	397473.1731	0	0	0	0	0	0	397473.1731
30	69/51	CODLI	FULL	kirlapal dabal	SANGUEM	994582.2695	0	0	638017.511	0	0	0	356564.7585
31	22/55	CODLI	FULL	kirlapal dabal	SANGUEM	1185973.664	6516	0	833024.5491	0	47430	0	299003.1147
32	41/54	BANDOLI/CORMONEM	FULL	kirlapal dabal	SANGUEM	865065.0287	18881	0	503216.5018	0	3876.5165	0	339091.0104
33	23/53	MOLEM PART	PART	MOLEM	SANGUEM	228845.1684	2857.8429	0	225987.3255	0	0	0	0
34	45/54	SANGOD	FULL	MOLEM	SANGUEM	973605.6026	0	12373	899420.1273	0	191	0	61621.4753
35	143/53	SANGOD	FULL	MOLEM	SANGUEM	864277.5972	4682	1113.4561	816328.0568	0	0	0	42154.0843
36	7/58	SANGOD	FULL	MOLEM	SANGUEM	1040944.768	21103	28669	874615	0	39781	0	76776.7679
37	14/52	COLOMBA PART	PART	RIVONA	SANGUEM	895094.7917	16518	9550	581936	0	27168.533	0	259922.2587
38	17/49	COLOMBA PART	PART	RIVONA	SANGUEM	272915.4813	0	819.3759	241528.2144	8370.7142	0	0	22197.1768
39	6/49	COLOMBA	FULL	RIVONA	SANGUEM	960704.9866	25622.99	4369	96484	277884	35197	0	521147.9966
40	35/52	RIVONA	FULL	RIVONA	SANGUEM	917041.1355	0	608.8138	57969.3188	728522.0687	4297.519	0	125643.4152
41	28/52	RIVONA	FULL	RIVONA	SANGUEM	781822.9828	16469	0	187251	0	31786	0	546316.9828
42	75/52	RIVONA	FULL	RIVONA	SANGUEM	938940.2192	0	0	370301.6397	160350.8546	20434	0	387853.7249
43	29/55	AGLOTE	FULL	SANCORDEM	SANGUEM	618923.0636	0	10490.3588	566771.7048	0	41661	0	0
44	27/53	AGLOTE	FULL	SANCORDEM	SANGUEM	800838.6809	64587	7639.5849	380605	0	56939	0	291068.096
45	19/52	AGLOTE	FULL	SANCORDEM	SANGUEM	974905.3487	10448.3777	1863.7256	862289.6223	0	26613	0	73690.6231
46	45/56	AGLOTE/SURLA	FULL	SANCORDEM	SANGUEM	934283.7297	182381	53845	253113	0	36466	0	408478.7297
47	2/51	SANCORDEM	FULL	SANCORDEM	SANGUEM	362051.8163	6527	18063.3765	162339.4546	0	0	0	175121.9852
48	62/51	SANTONA	FULL	SANVORDEM	SANGUEM	926351.4107	61199	3283	0	0	0	0	861869.4107
49	12/52	SANTONA	FULL	SANVORDEM	SANGUEM	741392.0236	1246.8318	12244	0	0	3790	0	724111.1918

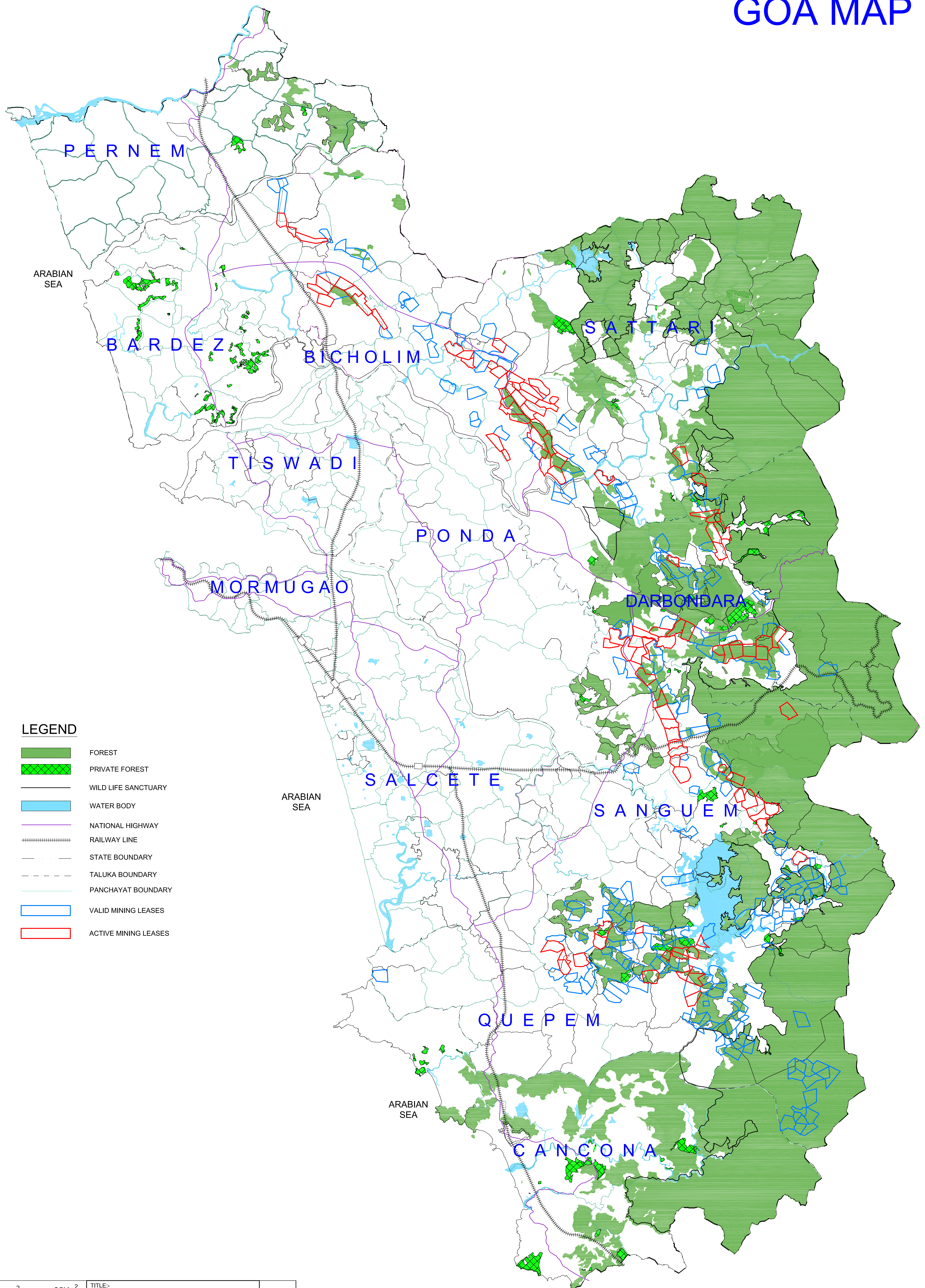
50	40/51	SANTONA	FULL	SANVORDEM	SANGUEM	1031739.32	116366	19243	189008	0	0	0	707122.3202
51	40/50	SANTONA	FULL	SANVORDEM	SANGUEM	798238.033	0	0	20135.2336	0	0	535.1575	777567.6419
52	31/59	SANTONA	FULL	SANVORDEM	SANGUEM	857423.6684	35219	0	460239	0	0	0	361965.6684
53	2/57	MUGULI PART	PART	UGEM	SANGUEM	682704.5173	0	3234	0	0	6007.7056	0	673462.8117
54	3/57	PATIEM PART	PART	UGEM	SANGUEM	332125	10930	0	0	0	25745	0	295450
55	68/53	UGEM	FULL	UGEM	SANGUEM	672502.133	0	0	0	0	4088	0	668414.133
56	8/50	PATIEM/UGEM	FULL	UGEM	SANGUEM	795641.6404	33235	23417	0	0	2418	0	736571.6404
57	5/53	PATIEM PART	PART	UGEM	SANGUEM	945136.8271	9990	10050.7046	249.5122	0	2441.3826	0	922405.2277
58	50/53	SHIGAO	FULL	COLLEM	SANGUEM	522697.8418	0	0	454533				68164.8418
59	13/55	SHIGAO	FULL	COLLEM	SANGUEM	731063.8259	1970.5	0	621618.0016				107475.3243
60	88/52	SHIGAO	FULL	COLLEM	SANGUEM	949476.939	19463	0	776767.0172				153246.9218
61	8/41	SHIGAO/COLEM	FULL	COLLEM	SANGUEM	1003119.158	49426.6474	0					953692.5106
62	87/53	SHIGAO	FULL	COLLEM	SANGUEM	488632.4562	33509	14515.712	404819.3056				35788.4386
63	7/41	SHIGAO	FULL	COLLEM	SANGUEM	975957.6154	28633	464					946860.6154
64	23/53	SHIGAO/COLEM PART	PART	COLLEM	SANGUEM	666438.8794	0	0	58860				607578.8794
65	30/50	COLEM	FULL	COLLEM	SANGUEM	905539.6284	24451	0					881088.6284
66	50/58	COLEM	FULL	COLLEM	SANGUEM	264579.4774	61396	0					203183.4774
						46831769.61	1526010.685	360675.3731	17774703.55	1287597.972	662355.4377	164076.6353	25049934.96
1	89/52	ADVALPALE PART	FULL	ADVALPALE	BICHOLIM	91885	0	0	0	0	0	0	91885
2	76/52	ADVALPALE PART	FULL	ADVALPALE	BICHOLIM	746815.2274	0	0	0	0	0	0	746815.2274
3	42/52	CUDNEM	FULL	CUDNEM	BICHOLIM	376353.0229	24607	9993	0	0	3007	0	338746.0229
4	51/52	CUDNEM PART	PART	CUDNEM	BICHOLIM	908835.0341	11729	4794	0	0	0	0	892312.0341
5	14/55	CUDNEM	FULL	CUDNEM	BICHOLIM	706750.1804	36734	28582	32168.6662	0	0	0	609265.5142
6	92/52	CUDNEM	FULL	CUDNEM	BICHOLIM	474459.2416	30164	0	235222.4661	0	3743.7526	0	205329.0229
7	21/54	CUDNEM PART	PART	CUDNEM	BICHOLIM	111517.0567	0	0	104156.7313	0	0	0	7360.3254
9	5/49	MAEM PART	PART	MAEM	BICHOLIM	456679.2954	1095	2940	0	0	0	0	452644.2954
10	13/49	MAEM	FULL	MAEM	BICHOLIM	757864.4307	0	0	0	0	0	0	757864.4307
11	4/49	MAEM PART	PART	MAEM	BICHOLIM	139392.1778	27680.3163	0	0	0	0	0	111711.8615
12	14/41	MAEM PART	PART	MAEM	BICHOLIM	10731	0	0	0	0	0	0	10731
13	13/41	MAEM PART		MAEM	BICHOLIM	100035.3264	0	0	60452.3365	0	0	0	39582.9899
14	11/41	MAEM PART		MAEM	BICHOLIM	298688.9618	1476.973	0	9725.7986	0	0	0	287486.1902
15	12/41	MAEM PART		MAEM	BICHOLIM	208137.7961	0	0	0	0	0	4078.8811	204058.915
16	15/41	MULGAO PART	PART	MULGAO	BICHOLIM	755489.1846	112450	13839	0	0	23581	0	605619.1846
17	14/41	MULGAO PART	PART	MULGAO	BICHOLIM	886283.5095	129185	11352	0	0	18997	0	726749.5095
18	31/53	PALE PART	PART	PALE	BICHOLIM	761879.48	50121	0	631113.1508	0	0	0	80645.3292
19	35/55	PALE	FULL	PALE	BICHOLIM	929108.0814	195568	8199	20043.314	0	86020	0	619277.7674
20	86/53	PALE	FULL	PALE	BICHOLIM	1054402.473	9558	0	879364.5648	0	0	0	165479.9086
21	84/52	PALE	FULL	PALE	BICHOLIM	959627.8045	113041	3952.8504	0	0	10539	0	832094.9541
22	8/61	PALE	FULL	PALE	BICHOLIM	713708.7169	69364	32275	87082.0722	0	66958	0	458029.6447
23	9/49	MAULUNGEM (SOUTH)	FULL	SANQUELIM-HARVALEM	BICHOLIM	1014394.282	75023	68649	0	0	50989	0	819733.2824
24	10/49	MAULUNGEM (SOUTH)	FULL	SANQUELIM-HARVALEM	BICHOLIM	836064.8218	68190	0	0	0	0	3099.0975	764775.7243
25	3/54	MAULUNGEM (SOUTH)	FULL	SANQUELIM-HARVALEM	BICHOLIM	377366.3175	55355	33486.9203			34056	3099.0975	251369.2997
26	39/53	ARVALEM	FULL	SANQUELIM-HARVALEM	BICHOLIM	948249.4708	37720	0	0	0	0	0	910529.4708
27	51/52	ARVALEM PART	PART	SANQUELIM-HARVALEM	BICHOLIM	667.823	0	0	0	0	0	0	667.823
28	5/49	SIRIGAO PART	PART	SIRIGAO	BICHOLIM	595317.8211	152118	7345	0	0	7172	30893.2868	397789.5343
29	4/49	SIRIGAO PART	PART	SIRIGAO	BICHOLIM	852535.7218	82061	7069	0	0	34780	0	728625.7218
30	15/41	SIRIGAO PART	PART	SIRIGAO	BICHOLIM	219652.1661	772	49234	0	0	10610	0	159036.1661
31	21/54	SURLA PART	PART	SURLA	BICHOLIM	568032.0562	51362	74900.58	196950.8911	0	23881.9028	0	220936.6823
32	83/52	SURLA	FULL	SURLA	BICHOLIM	1028787.979	59748	37943	708794.7836	0	8823	19859.3957	193619.7996
33	29/54	SURLA	FULL	SURLA	BICHOLIM	756314.364	96781	5529	216041.0791	0	60888	0	377075.2849
34	33/53	SURLA	FULL	SURLA	BICHOLIM	773294.6739	50858	6315.3387	0	0	38710	0	677411.3352
35	1/55	SURLA	FULL	SURLA	BICHOLIM	343663.3325	6659	3325.6669	0	0	12205.2361	0	321473.4295
36	62/52B	VELGEM	FULL	VELGEM	BICHOLIM	523745.4852	0	37065	428782.4422	0	0	0	57898.043

37	62/52A	VELGEM	FULL	VELGEM	BICHOLIM	483856.3791	0	0	453774.9995	0	0	0	30081.3796
38	31/53	VELGEM PART	PART	VELGEM	BICHOLIM	23841.2011	0	0	21064.6121	0	0	0	2776.589
						20794426.9	1549420.289	446789.3563	4084737.908	0	494960.8915	61029.7586	14157488.69
1	1/51	CAVOREM	FULL	CAVOREM PIRLA	QUEPEM	1079334.351	117253	5078	2434.9262	0	51324		903244.4247
2	59/51	CAVOREM/MAINA PART	PART	CAVOREM PIRLA	QUEPEM	484159.3543	11154	2347.914	219757.9003	0	43914		206985.54
3	12/53	CAVOREM/ MAINA	FULL	CAVOREM PIRLA	QUEPEM	307954.893	1952	0	122937.357	0	13771		169294.536
4	44/51	CAVOREM/ MAINA	FULL	CAVOREM PIRLA	QUEPEM	581694.1077	0	0	3426.7843	0	3426.7843		574840.5391
5	6/61	MAINA	FULL	CAVOREM PIRLA	QUEPEM	980979.2854	0	20912.0385	52366.5766	0	195680		712020.6703
6	10/51	SULCORN PART	PART	CAVOREM PIRLA	QUEPEM	563653.0274	26084.5	0	415278.4569	47931	0		74359.0705
7	4/NSD/BAUX/68	FATORPA PART	PART	FATORPA	QUEPEM	462445.6342	0	225	0	0	23179	0	439041.6342
8	1/78	MALCORNEM	FULL	MALCORNEM	QUEPEM	647656.0483	507.6355	7814	0	0	13928	0	625406.4128
9	4/NSD/BAUX/68	MORPILA PART	PART	MORPILA	QUEPEM	715746.5396	0	3495.1886	409584.7791	0	5825	5119.5989	291721.973
10	4/NSD/BAUX/68	NAQUERIM/QUITOL PART	PART	NAQUERIM-QUITOL	QUEPEM	6381204.79	319377	383424	441660		240193		4996550.79
						12204828.03	476328.1355	423296.1411	1667446.78	47931	591240.7843	5119.5989	8993465.59
1	98/52	ONDA	FULL	HONDA	SATTARI	702934.8454	164385	4115	0	0	28519		505915.8454
2	6/55	ONDA	FULL	HONDA	SATTARI	247163.715	0	9175	0	0	5893.3482		232095.3668
3	16/55	SONUS-VANVOLIM/ONDA	FULL	HONDA	SATTARI	560597.0407	76758	44000	0	0	0		439839.0407
4	5/54	SONUS-VANVOLIM	FULL	HONDA	SATTARI	1018396.382	52739	9154.5	0	0	0		956502.8818
5	19/58	SONUS-VANVOLIM	FULL	HONDA	SATTARI	637281.3286	121	7323.6	0	0	0		629836.7286
6	20/54	SONUS-VANVOLIM	FULL	HONDA	SATTARI	906726.8047	13032	2684	0	0	4181		886829.8047
7	95/52	PISURLEM	FULL	PISURLEM	SATTARI	977828.9433	171519.986	9670	0	0	74681	0	721957.9573
8	2/71	PISURLEM	FULL	PISURLEM	SATTARI	211937.4362	34839	0	0	0	108258		68840.4362
9	70/51	PISURLEM	FULL	PISURLEM	SATTARI	980381.0868	14856	118784	0	0	44765		801976.0868
10	110/53	PISURLEM	FULL	PISURLEM	SATTARI	594220.9721	254678	67949.3572	0	0	0		271593.6149
11	28/51	PISURLEM	FULL	PISURLEM	SATTARI	244848.7126	69233	394	0	0	0		175221.7126
12	55/51	PISURLEM	FULL	PISURLEM	SATTARI	1073570.721	19980.1906	11856	0	0	14009		1027725.531
13	93/53	VAGURIEM	FULL	PISURLEM	SATTARI	635819.3331	3612	118473	0	0	0		513734.3331
14	41/56	PONOCEN	FULL	PISURLEM	SATTARI	756461.7561	21823	23963	0	0	0		710675.7561
15	18/53	KANKIREM	FULL	GULELI	SATTARI	716232.6255	65246	14787	0	0	9669		626530.6255
16	92/53	XELOPO-CURDO	FULL	COTOREM	SATTARI	995309.2318	21684	51451.6227	604029		53844		264300.6091
17	31/55	GAWANE, AMBELI, XELOPO-CUR	FULL	COTOREM	SATTARI	943083.8539	683.564	0	742785	0	0		199615.2899
18	39/56	MALPON	FULL	COTOREM	SATTARI	490571.5744	36946	0	305226	0	1106.856		147292.7184
						12693366.36	1022135.741	493780.0799	1652040	0	344926.2042	0	9180484.339

APPENDIX VIII

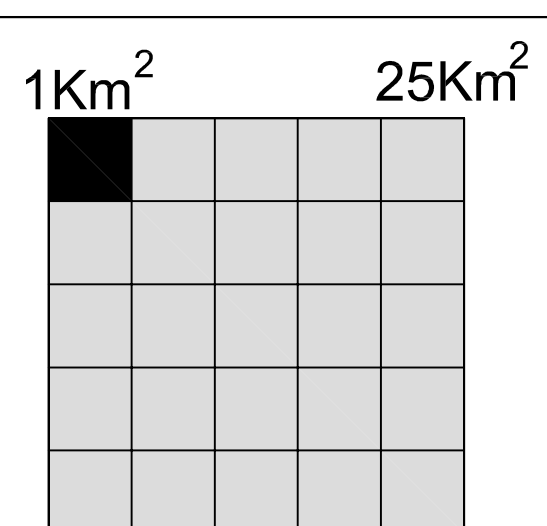
Map showing Active and Valid Leases vis-s-vis Forest

GOA MAP



LEGEND

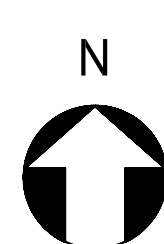
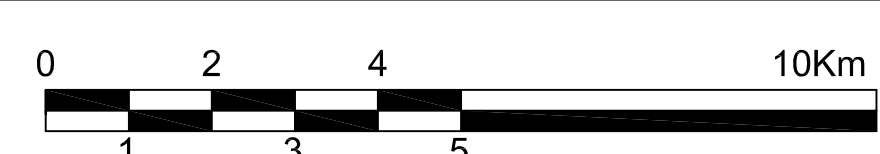
- | | |
|---|----------------------|
|  | FOREST |
|  | PRIVATE FOREST |
|  | WILD LIFE SANCTUARY |
|  | WATER BODY |
|  | NATIONAL HIGHWAY |
|  | RAILWAY LINE |
|  | STATE BOUNDARY |
|  | TALUKA BOUNDARY |
|  | PANCHAYAT BOUNDARY |
|  | VALID MINING LEASES |
|  | ACTIVE MINING LEASES |



SCALE- 1:10000

TITLE:-
**VALID & ACTIVE MINING LEASES
vis-a-vis FOREST**

REGIONAL PLAN DIVISION
TOWN AND COUNTRY PLANNING DEPT.
GOVT. OF GOA



APPENDIX IX

Mining outside Valid Lease Areas

TABLE SHOWING MINING ACTIVITY OUTSIDE MINING LEASES AREAS

TALUKA NAMES	AREA UNDER ACTIVE MINING (Sq Km)	MINING AREA / MINING ACTIVITY OUTSIDE ACTIVE MINING LEASE (Sq Km)
BICHOLIM	2.54	0.04
DHARBANDORA	23.43	3.30
SANGUEM	23.82	4.63
SATTARI	12.69	2.28
QUEPEM	11.87	0.00
TOTAL AREA	74.36	10.25

SOURCE : GOOGLE IMAGE

APPENDIX X

Land Use Tables for Ponda, Sattari, Quepem, Bicholim,
Sanguem and Dharbandora

TALUKA : PONDA
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. BANDORA		V.P. BETORA		V.P. BETQUI-CANDOLA		V.P. BHOMA-ADCOLNA	
Area as per census (Ha)	1250		4642		1196		803	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	0.00	0.00	1469.87	31.67	0.00	0.00	0.00	0.00
MANGROVE FOREST	20.86	1.67	0.00	0.00	5.38	0.45	12.39	1.54
PRIVATE FOREST	0.00	0.00	21.87	0.47	0.00	0.00	0.00	0.00
WATER BODIES/ nalla/ponds	47.88	3.83	77.86	1.68	129.46	10.82	49.86	6.21
PADDY FIELD/KHAZAN LANDS	104.26	8.34	164.32	3.54	153.54	12.84	155.42	19.34
ECO - 2								
ORCHARD	234.41	18.76	1070.93	23.07	262.89	21.98	151.14	18.81
NATURAL COVER	377.96	30.24	1102.39	23.75	290.27	24.27	225.00	28.01
CULTIVABLE	5.35	0.43	39.12	0.84	3.43	0.29	1.69	0.21
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	303.94	24.32	564.25	12.16	306.03	25.59	100.90	12.56
INSTITUTIONAL	87.10	6.97	5.39	0.12	2.99	0.25	4.92	0.61
INDUSTRY	3.68	0.29	85.18	1.84	3.60	0.30	86.32	10.74
MIZ	3.15	0.25	5.04	0.11	16.06	1.34	4.61	0.57
TRANSPORTATION	43.35	3.47	35.63	0.77	22.42	1.87	11.15	1.39
MISCELLANEOUS	17.82	1.43	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	1250	100.00	4642	100.00	1196	100.00	803	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

TALUKA : PONDA
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. BORIM		V.P. CUNDAIM		V.P. CURTI-KHANDEPAR		V.P. DURBHAT	
Area as per census (Ha)	1551		768		2172		579	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	0.00	0.00	0.00	0.00	707.92	32.60	0.00	0.00
MANGROVE FOREST	4.07	0.26	9.78	1.27	0.00	0.00	95.35	16.48
PRIVATE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WATER BODIES/ nalla/ponds	69.59	4.49	49.70	6.47	47.26	2.18	90.14	15.58
PADDY FIELD/KHAZAN LANDS	187.62	12.10	194.28	25.30	50.31	2.32	28.70	4.96
ECO - 2								
ORCHARD	455.59	29.38	150.36	19.58	281.11	12.94	224.91	38.88
NATURAL COVER	494.53	31.89	133.76	17.42	381.39	17.56	58.35	10.09
CULTIVABLE	8.90	0.57	9.20	1.20	2.96	0.14	3.13	0.54
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	278.42	17.96	117.14	15.26	580.85	26.75	71.10	12.29
INSTITUTIONAL	11.76	0.76	10.67	1.39	18.57	0.86	0.36	0.06
INDUSTRY	1.22	0.08	79.10	10.30	72.16	3.32	0.00	0.00
MIZ	16.33	1.05	2.90	0.38	0.00	0.00	3.93	0.68
TRANSPORTATION	22.53	1.45	10.94	1.42	29.24	1.35	2.56	0.44
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	1551	100.00	768	100.00	2172	100.00	579	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

TALUKA : PONDA
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. MARCAIM		V.P. PANCHAVADI		V.P. QUERIM		V.P. QUEULA	
Area as per census (Ha)	1237		1595		1202		541	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	0.00	0.00	246.57	15.46	75.72	6.30	72.75	13.44
MANGROVE FOREST	11.64	0.94	5.55	0.35	0.00	0.00	0.00	0.00
PRIVATE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WATER BODIES/ nalla/ponds	227.97	18.43	73.60	4.61	13.61	1.13	4.31	0.80
PADDY FIELD/KHAZAN LANDS	356.87	28.84	170.32	10.68	12.13	1.01	25.27	4.67
ECO - 2								
ORCHARD	211.61	17.10	425.17	26.66	93.11	7.75	55.50	10.26
NATURAL COVER	79.95	6.46	420.10	26.34	644.78	53.66	138.66	25.62
CULTIVABLE	1.37	0.11	47.30	2.97	21.81	1.81	0.00	0.00
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.88	0.06	0.00	0.00	0.00	0.00
SETTLEMENT	210.51	17.01	165.88	10.40	182.07	15.15	224.53	41.49
INSTITUTIONAL	7.79	0.63	0.00	0.00	11.41	0.95	0.00	0.00
INDUSTRY	115.06	9.30	0.00	0.00	129.51	10.78	0.00	0.00
MIZ	0.00	0.00	6.02	0.38	0.00	0.00	5.52	1.02
TRANSPORTATION	14.50	1.17	33.48	2.10	17.37	1.45	14.62	2.70
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	1237	100.00	1595	100.00	1202	100.00	541	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

TALUKA : PONDA
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. SAVOI-VEREM- VAGURBEM		V.P. SHIRODA		V.P. TIVREM-ORGAO		V.P. VELING-PRIOI- CUNCOLIM	
Area as per census (Ha)	1313		3817		589		2237	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	0.00	0.00	783.32	20.52	0.00	0.00	174.96	7.82
MANGROVE FOREST	0.00	0.00	0.00	0.00	21.06	3.58	0.00	0.00
PRIVATE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	46.14	2.06
WATER BODIES/ nalla/ponds	29.92	2.28	204.29	5.35	32.37	5.50	39.50	1.77
PADDY FIELD/KHAZAN LANDS	73.18	5.58	528.09	13.84	93.44	15.86	107.46	4.80
ECO - 2								
ORCHARD	401.55	30.59	609.33	15.96	125.01	21.22	304.99	13.63
NATURAL COVER	577.52	44.00	1005.63	26.35	106.99	18.16	980.12	43.81
CULTIVABLE	7.34	0.56	18.15	0.48	0.45	0.08	36.73	1.64
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	198.10	15.09	604.89	15.85	189.13	32.11	482.58	21.57
INSTITUTIONAL	0.00	0.00	8.80	0.23	2.65	0.45	2.91	0.13
INDUSTRY	0.00	0.00	27.35	0.72	3.49	0.59	28.12	1.26
MIZ	10.19	0.78	0.00	0.00	4.05	0.69	0.00	0.00
TRANSPORTATION	14.71	1.12	27.01	0.71	10.41	1.77	33.70	1.51
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	1313	100.00	3817	100.00	589	100.00	2237	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

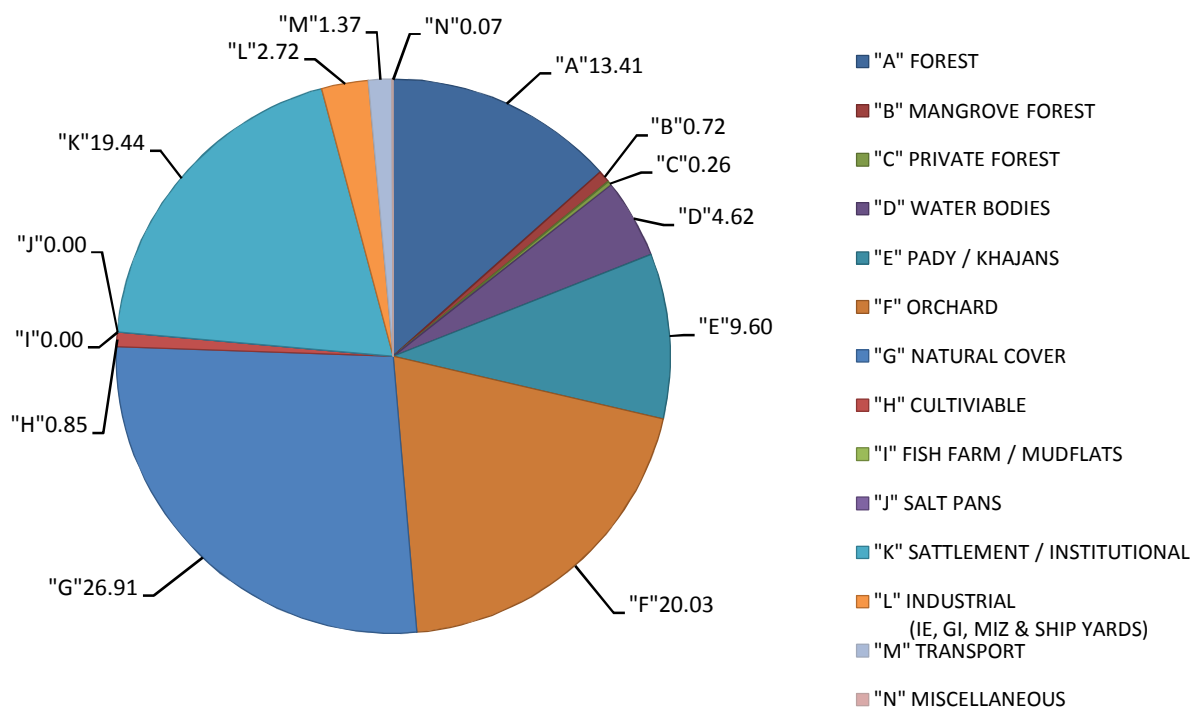
TALUKA : PONDA
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. VOLVOI		V.P. WADI-TALAU LI		PONDA MUNICIPAL	
Area as per census (Ha)	123		405		305	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT
ECO - 1						
FOREST (Protected/reserved/ national park/wild life)	0.00	0.00	0.00	0.00	0.00	0.00
MANGROVE FOREST	0.00	0.00	3.26	0.80	0.00	0.00
PRIVATE FOREST	0.00	0.00	0.00	0.00	0.00	0.00
WATER BODIES/ nalla/ponds	16.75	13.58	12.78	3.15	0.00	0.00
PADDY FIELD/KHAZAN LANDS	55.99	45.37	57.86	14.27	9.07	2.97
ECO - 2						
ORCHARD	5.63	4.56	173.20	42.72	35.51	11.65
NATURAL COVER	2.69	2.18	63.77	15.73	0.00	0.00
CULTIVABLE	2.97	2.41	13.01	3.21	0.00	0.00
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	35.82	29.03	72.51	17.88	235.85	77.36
INSTITUTIONAL	1.09	0.89	2.70	0.67	13.10	4.30
INDUSTRY	0.00	0.00	0.04	0.01	0.47	0.15
MIZ	0.67	0.54	2.97	0.73	0.00	0.00
TRANSPORTATION	1.78	1.44	3.33	0.82	10.87	3.56
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	123	100.00	405	100.00	305	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

BROAD LAND USES FOR PONDA TALUKA

	FINAL RPG-2021 AREA IN HECTARES	FINAL RPG-2021 % OF TALUKA
ECO - 1		
FOREST (Protected/reserved/ national park/wild life)	3531.10	13.41
MANGROVE FOREST	189.33	0.72
PRIVATE FOREST	68.01	0.26
WATER BODIES/ nalla/ponds	1216.85	4.62
PADDY FIELD/KHAZAN LANDS	2528.13	9.60
SUB TOTAL	7533.43	28.62
ECO - 2		
ORCHARD	5271.92	20.03
NATURAL COVER	7083.88	26.91
CULTIVABLE	222.92	0.85
SALT PANS	0.00	0.00
FISH FARM / MUD FLATS	0.88	0.00
SUB TOTAL	12579.60	47.79
SETTLEMENT	4924.49	18.71
INSTITUTIONAL	192.21	0.73
INDUSTRY	635.29	2.41
MIZ	81.42	0.31
TRANSPORTATION	359.59	1.37
MISCELLANEOUS	17.82	0.07
GRAND TOTAL	26324	100.00



TALUKA: SATTARI

PANCHAYAT WISE BROAD LAND USE TABLE

PANCHAYAT NAMES	V.P BHIRONDEM		V.P COTOREM		V.P DONGURLI_THANE		V.P GULELI	
Area as per census (Ha)	2041		4080		7118		2868	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	106.51	5.22	2237.66	54.85	4291.33	60.29	724.77	25.27
MANGROVE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIVATE FOREST	30.48	1.49	26.64	0.65	0.00	0.00	11.52	0.40
WATER BODIES/ nalla/ponds	91.72	4.49	137.25	3.36	160.34	2.25	130.49	4.55
PADDY FIELD/KHAZAN LANDS	193.32	9.47	172.48	4.23	333.72	4.69	109.57	3.82
ECO - 2								
ORCHARD	434.96	21.31	358.96	8.80	950.19	13.35	272.72	9.51
NATURAL COVER	881.75	43.21	845.17	20.72	966.23	13.58	964.31	33.62
CULTIVABLE	87.26	4.28	75.12	1.84	88.40	1.24	141.91	4.95
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	182.36	8.94	198.39	4.86	292.45	4.11	483.91	16.87
INSTITUTIONAL	1.38	0.07	0.00	0.00	0.00	0.00	0.00	0.00
INDUSTRY	1.95	0.10	0.00	0.00	5.11	0.07	4.51	0.16
MIZ	6.79	0.33	3.93	0.10	0.00	0.00	5.02	0.18
TRANSPORTATION	22.30	1.09	24.06	0.59	29.83	0.42	19.11	0.67
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	2041	100.00	4080	100.00	7118	100.00	2868	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLANS

TALUKA: SATTARI

PANCHAYAT WISE BROAD LAND USE TABLE

PANCHAYAT NAMES	V.P HONDA		V.P MAUXI		V.P MORLEM		V.P NAGARGAO	
Area as per census (Ha)	2529		2807		975		10002	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	316.41	12.51	1551.68	55.27	296.71	30.45	8191.24	81.90
MANGROVE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIVATE FOREST	139.90	5.53	9.53	0.34	0.00	0.00	150.61	1.51
WATER BODIES/ nalla/ponds	36.91	1.46	54.50	1.94	17.65	1.81	236.02	2.36
PADDY FIELD/KHAZAN LANDS	178.30	7.05	151.25	5.39	106.88	10.97	149.39	1.49
ECO - 2								
ORCHARD	691.20	27.33	132.97	4.74	38.60	3.96	155.78	1.56
NATURAL COVER	553.72	21.89	695.68	24.78	59.94	6.15	758.56	7.58
CULTIVABLE	38.07	1.51	22.21	0.79	360.24	36.96	0.00	0.00
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	379.88	15.02	175.69	6.26	81.96	8.41	317.59	3.18
INSTITUTIONAL	6.97	0.28	0.43	0.02	0.00	0.00	0.00	0.00
INDUSTRY	153.45	6.07	0.82	0.03	0.00	0.00	0.00	0.00
MIZ	0.00	0.00	0.00	0.00	5.83	0.60	3.00	0.03
TRANSPORTATION	34.37	1.36	12.68	0.45	6.75	0.69	39.38	0.39
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	2529	100.00	2807	100.00	975	100.00	10002	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLANS

TALUKA: SATTARI

PANCHAYAT WISE BROAD LAND USE TABLE

PANCHAYAT NAMES	V.P PISSURLEM		V.P PORIEM		V.P QUERIM		V.P SANVORDEM	
Area as per census (Ha)	2254		1558		4155		8209	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	478.88	21.24	0.00	0.00	1657.50	39.89	7058.95	85.99
MANGROVE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIVATE FOREST	0.00	0.00	0.00	0.00	24.69	0.59	0.00	0.00
WATER BODIES/ nalla/ponds	54.21	2.40	39.91	2.56	269.48	6.49	156.09	1.90
PADDY FIELD/KHAZAN LANDS	121.42	5.39	46.58	2.99	260.26	6.26	124.03	1.51
ECO - 2								
ORCHARD	727.18	32.26	176.21	11.31	36.63	0.88	174.74	2.13
NATURAL COVER	585.43	25.97	689.73	44.26	1297.72	31.23	521.14	6.35
CULTIVABLE	0.00	0.00	304.28	19.52	317.38	7.64	29.25	0.36
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	187.20	8.30	257.90	16.55	263.90	6.35	126.10	1.54
INSTITUTIONAL	0.00	0.00	21.94	1.41	0.00	0.00	0.00	0.00
INDUSTRY	77.56	3.44	2.00	0.13	0.00	0.00	0.00	0.00
MIZ	0.00	0.00	5.01	0.32	5.38	0.13	0.00	0.00
TRANSPORTATION	22.23	0.99	14.90	0.96	22.35	0.54	19.02	0.23
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	2254	100.00	1558	100.00	4155	100.00	8209	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLANS

TALUKA: SATTARI

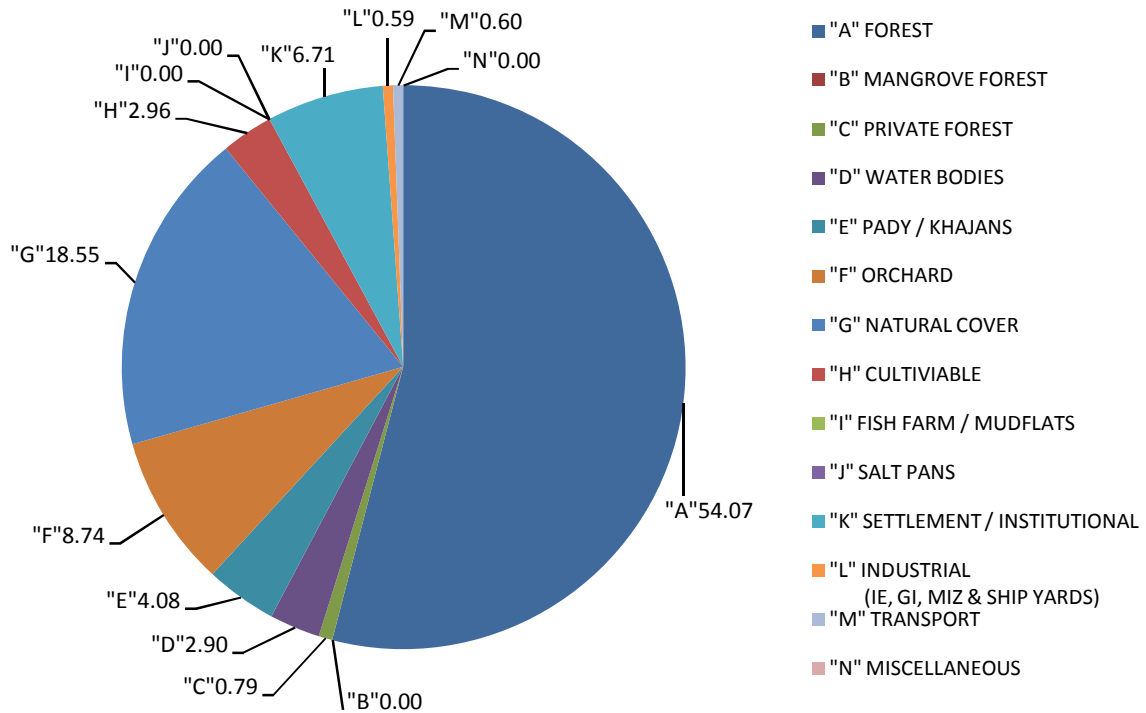
PANCHAYAT WISE BROAD LAND USE TABLE

PANCHAYAT NAMES	VALPOI MUNICIPAL AREA	
Area as per census (Ha)	1189	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1		
FOREST (Protected/reserved/ national park/wild life)	6.99	0.59
MANGROVE FOREST	0.00	0.00
PRIVATE FOREST	0.00	0.00
WATER BODIES/ nalla/ponds	61.61	5.18
PADDY FIELD/KHAZAN LANDS	84.39	7.10
ECO - 2		
ORCHARD	202.95	17.07
NATURAL COVER	415.03	34.90
CULTIVABLE	9.05	0.76
SALT PANS	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00
SETTLEMENT	350.76	29.50
INSTITUTIONAL	13.39	1.13
INDUSTRY	4.65	0.39
MIZ	6.90	0.58
TRANSPORTATION	33.42	2.81
MISCELLANEOUS	0.00	0.00
GRAND TOTAL	1189	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLANS

BROAD LAND USES FOR SATTARI TALUKA

	FINAL RPG-2021 AREA IN HECTARES	FINAL RPG-2021 % OF TALUKA
ECO - 1		
FOREST (Protected/reserved/ national park/wild life)	26918.62	54.07
MANGROVE FOREST	0.00	0.00
PRIVATE FOREST	393.37	0.79
WATER BODIES/ nalla/ponds	1446.19	2.90
PADDY FIELD/KHAZAN LANDS	2031.56	4.08
SUB-TOTAL	30789.74	61.85
ECO - 2		
ORCHARD	4353.10	8.74
NATURAL COVER	9234.42	18.55
CULTIVABLE	1473.19	2.96
SALT PANS	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00
SUB-TOTAL	15060.71	30.25
SETTLEMENT	3298.08	6.62
INSTITUTIONAL	44.12	0.09
INDUSTRY	250.04	0.50
MIZ	41.86	0.08
TRANSPORTATION	300.39	0.60
MISCELLANEOUS	0.00	0.00
GRAND TOTAL	49785	100.00



TALUKA : QUEPEM

PANCHAYAT WISE BROAD LAND USE TABLE

PANCHAYAT NAMES	V.P AMBAULIM		V.P ASSOLDA		V.P AVDEM_COTOMBI_CHAIFI		V.P BALI_ADNEM	
Area as per census (Ha)	652		751		589		3929	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	0.00	0.00	0.00	0.00	0.00	0.00	1128.10	28.71
MANGROVE FOREST	0.00	0.00	4.12	0.55	0.00	0.00	0.00	0.00
PRIVATE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WATER BODIES/ nalla/ponds	5.89	0.90	33.42	4.45	24.59	4.17	71.72	1.83
PADDY FIELD/KHAZAN LANDS	203.48	31.22	167.69	22.33	183.56	31.16	0.00	0.00
ECO - 2								
ORCHARD	276.15	42.37	97.42	12.97	42.24	7.17	1734.28	44.14
NATURAL COVER	60.94	9.35	61.00	8.12	28.45	4.83	622.54	15.84
CULTIVABLE	0.66	0.10	195.59	26.04	122.87	20.85	9.64	0.25
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	90.89	13.95	139.47	18.57	177.09	30.06	238.90	6.08
INSTITUTIONAL	1.01	0.16	3.58	0.48	0.80	0.14	12.46	0.32
INDUSTRY	2.85	0.44	13.81	1.84	0.51	0.09	5.97	0.15
MIZ	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TRANSPORTATION	9.86	1.51	35.00	4.66	9.04	1.53	105.75	2.69
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	652	100.00	751	100.00	589	100.00	3929	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLANS

TALUKA : QUEPEM
PANCHAYAT WISE BROAD LAND USE TABLE

PANCHAYAT NAMES	V.P BARCEM_QUEDEM		V.P CAOREM PIRLA		CURCHOREM_CACORA MUNICIPAL		V.P FATORPA	
Area as per census (Ha)	5885		7668		2153		815	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	3650.33	62.03	5131.35	66.92	121.87	5.66	0.00	0.00
MANGROVE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIVATE FOREST	15.06	0.26	265.60	3.46	0.00	0.00	0.00	0.00
WATER BODIES/ nalla/ponds	68.84	1.17	85.50	1.12	61.60	2.86	0.63	0.08
PADDY FIELD/KHAZAN LANDS	321.21	5.46	281.31	3.67	747.24	34.70	38.96	4.78
ECO - 2								
ORCHARD	912.71	15.51	798.87	10.42	345.89	16.06	561.21	68.89
NATURAL COVER	779.99	13.25	871.60	11.37	27.72	1.29	109.42	13.43
CULTIVABLE	0.00	0.00	0.00	0.00	217.22	10.09	0.00	0.00
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	97.69	1.66	148.98	1.94	528.63	24.55	92.14	11.31
INSTITUTIONAL	4.49	0.08	0.00	0.00	6.02	0.28	1.61	0.20
INDUSTRY	0.00	0.00	0.00	0.00	60.72	2.82	0.00	0.00
MIZ	0.00	0.00	4.71	0.06	0.00	0.00	0.00	0.00
TRANSPORTATION	34.46	0.59	80.03	1.04	36.26	1.68	10.72	1.32
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	5885	100.00	7668	100.00	2153	100.00	815	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLANS

TALUKA : QUEPEM
PANCHAYAT WISE BROAD LAND USE TABLE

PANCHAYAT NAMES	V.P MALCORNEM		V.P MORPILA		V.P NAQUERIM QUITOL		QUEPEM MUNICIPAL	
Area as per census (Ha)	2499		1441		2027		1970	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	561.03	22.45	372.09	25.83	459.60	22.67	39.26	1.99
MANGROVE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIVATE FOREST	114.61	4.59	0.00	0.00	0.00	0.00	9.01	0.46
WATER BODIES/ nalla/ponds	79.37	3.18	14.89	1.03	70.02	3.45	67.49	3.43
PADDY FIELD/KHAZAN LANDS	236.08	9.45	152.00	10.55	101.23	4.99	392.09	19.90
ECO - 2								
ORCHARD	662.38	26.51	303.28	21.05	695.39	34.31	538.33	27.33
NATURAL COVER	650.45	26.03	520.87	36.15	380.70	18.78	86.44	4.39
CULTIVABLE	46.32	1.85	0.00	0.00	0.00	0.00	17.47	0.89
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	130.24	5.21	64.89	4.50	154.77	7.64	722.20	36.66
INSTITUTIONAL	0.99	0.04	3.57	0.25	0.20	0.01	28.04	1.42
INDUSTRY	0.00	0.00	2.74	0.19	144.69	7.14	29.09	1.48
MIZ	0.00	0.00	1.60	0.11	0.00	0.00	7.98	0.40
TRANSPORTATION	17.41	0.70	4.88	0.34	20.33	1.00	32.45	1.65
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	2499	100.00	1441	100.00	2027	100.00	1970	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLANS

TALUKA : QUEPEM

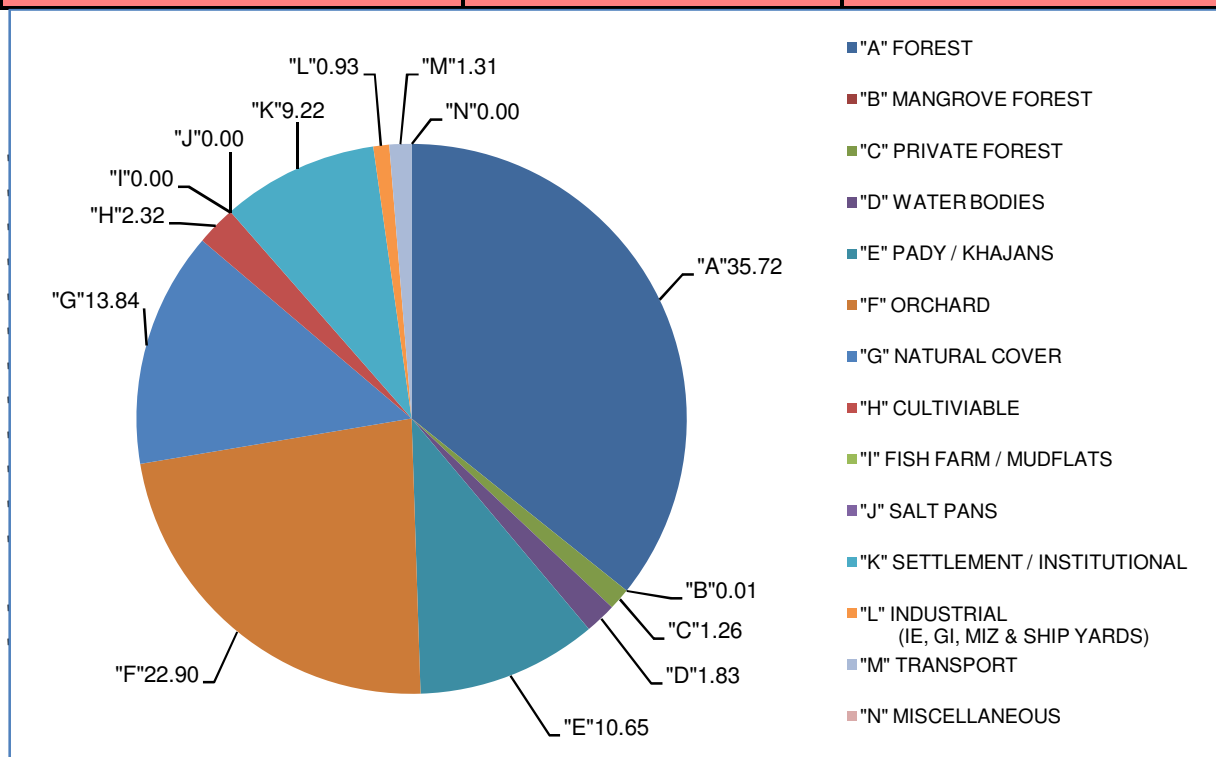
PANCHAYAT WISE BROAD LAND USE TABLE

PANCHAYAT NAMES	V.P XELDEM	
Area as per census (Ha)	1711	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1		
FOREST (Protected/reserved/ national park/wild life)	0.00	0.00
MANGROVE FOREST	0.00	0.00
PRIVATE FOREST	0.00	0.00
WATER BODIES/ nalla/ponds	4.42	0.26
PADDY FIELD/KHAZAN LANDS	591.97	34.61
ECO - 2		
ORCHARD	380.27	22.23
NATURAL COVER	240.73	14.07
CULTIVABLE	134.06	7.84
SALT PANS	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00
SETTLEMENT	308.94	18.06
INSTITUTIONAL	0.58	0.03
INDUSTRY	25.07	1.47
MIZ	0.00	0.00
TRANSPORTATION	24.60	1.44
MISCELLANEOUS	0.00	0.00
GRAND TOTAL	1711	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLANS

BROAD LAND USES FOR QUEPEM TALUKA

	FINAL RPG-2021 AREA IN HECTARES	FINAL RPG-2021 % OF TALUKA
ECO - 1		
FOREST (Protected/reserved/ national park/wild life)	11463.62	35.72
MANGROVE FOREST	4.12	0.01
PRIVATE FOREST	404.27	1.26
WATER BODIES/ nalla/ponds	588.36	1.83
PADDY FIELD/KHAZAN LANDS	3416.81	10.65
SUB-TOTAL	15877.20	49.48
ECO - 2		
ORCHARD	7348.42	22.90
NATURAL COVER	4440.88	13.84
CULTIVABLE	743.83	2.32
SALT PANS	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00
SUB-TOTAL	12533.13	39.06
SETTLEMENT	2894.83	9.02
INSTITUTIONAL	63.36	0.20
INDUSTRY	285.46	0.89
MIZ	14.29	0.04
TRANSPORTATION	420.81	1.31
MISCELLANEOUS	0.00	0.00
GRAND TOTAL	32089	100.00



TALUKA: BICHOLIM
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. ADVALPALE		V.P. AMONA		V.P. CUDNEM		V.P. KARAPUR-SARVONA	
Area as per census (Ha)	637		669		999		1648	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	0.00	0.00	0.00	0.00	37.55	3.76	0.00	0.00
MANGROVE FOREST	0.00	0.00	24.96	3.73	0.00	0.00	0.00	0.00
PRIVATE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WATER BODIES/ nalla/ponds	10.06	1.58	116.01	17.33	37.97	3.80	42.24	2.56
PADDY FIELD/KHAZAN LANDS	53.00	8.32	225.80	33.73	118.42	11.86	260.56	15.81
ECO - 2								
ORCHARD	137.21	21.53	71.82	10.73	398.86	39.94	185.72	11.27
NATURAL COVER	254.90	40.00	32.51	4.86	286.95	28.74	411.00	24.94
CULTIVABLE	104.84	16.45	0.00	0.00	0.00	0.00	180.61	10.96
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	63.83	10.02	83.31	12.44	104.90	10.51	461.33	27.99
INSTITUTIONAL	0.00	0.00	0.00	0.00	0.00	0.00	8.40	0.51
INDUSTRY	0.18	0.03	106.10	15.85	0.00	0.00	75.01	4.55
MIZ	0.00	0.00	0.00	0.00	0.00	0.00	3.38	0.21
TRANSPORTATION	13.19	2.07	8.92	1.33	13.87	1.39	19.80	1.20
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	637	100.00	669	100.00	999	100.00	1648	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

TALUKA: BICHOLIM
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P.LATAMBARCEM		V.P. MAEM-VAINGINIM		V.P. MENCUREM-DUMASHEM		V.P. MULGAO	
Area as per census (Ha)	3671		2194		728		756	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	104.06	2.83	121.64	5.55	23.16	3.18	0.00	0.00
MANGROVE FOREST	0.00	0.00	12.18	0.56	0.00	0.00	0.00	0.00
PRIVATE FOREST	6.22	0.17	0.00	0.00	0.00	0.00	0.00	0.00
WATER BODIES/ nalla/ponds	116.21	3.17	55.66	2.54	65.80	9.04	12.62	1.67
PADDY FIELD/KHAZAN LANDS	221.69	6.04	359.07	16.37	102.24	14.05	99.65	13.19
ECO - 2								
ORCHARD	1313.70	35.79	351.87	16.04	96.78	13.30	278.88	36.91
NATURAL COVER	1059.82	28.87	777.47	35.44	296.63	40.75	190.35	25.19
CULTIVABLE	431.98	11.77	149.82	6.83	61.54	8.45	82.18	10.88
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	335.78	9.15	325.61	14.84	45.12	6.20	82.60	10.93
INSTITUTIONAL	2.78	0.08	12.49	0.57	2.24	0.31	1.15	0.15
INDUSTRY	47.27	1.29	0.00	0.00	27.15	3.73	0.00	0.00
MIZ	4.27	0.12	6.15	0.28	2.68	0.37	0.00	0.00
TRANSPORTATION	27.19	0.74	21.64	0.99	4.54	0.62	8.14	1.08
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	3671	100.00	2194	100.00	728	100.00	756	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

TALUKA: BICHOLIM
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. NARAO		V.P. NAVELIM		V.P. ONA-MALINGEM-CURCIREM		V.P. PALE-COTOMBI	
Area as per census (Ha)	784		1052		1712		1624	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	0.00	0.00	0.00	0.00	0.00	0.00	277.62	17.10
MANGROVE FOREST	15.71	2.00	0.00	0.00	0.00	0.00	15.53	0.96
PRIVATE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WATER BODIES/ nalla/ponds	82.24	10.49	74.90	7.12	26.28	1.54	99.05	6.10
PADDY FIELD/KHAZAN LANDS	156.22	19.92	123.19	11.71	103.83	6.07	55.91	3.44
ECO - 2								
ORCHARD	87.57	11.17	330.43	31.41	704.97	41.19	665.13	40.96
NATURAL COVER	302.11	38.53	97.53	9.27	603.04	35.23	220.31	13.57
CULTIVABLE	0.00	0.00	15.26	1.45	41.54	2.43	54.04	3.33
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	111.87	14.27	95.58	9.09	180.57	10.55	187.39	11.54
INSTITUTIONAL	0.16	0.02	8.21	0.78	1.40	0.08	22.32	1.37
INDUSTRY	3.44	0.44	282.45	26.85	29.23	1.71	0.52	0.03
MIZ	3.37	0.43	0.00	0.00	3.69	0.22	0.00	0.00
TRANSPORTATION	21.37	2.73	24.30	2.31	17.01	0.99	25.98	1.60
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	784	100.00	1052	100.00	1712	100.00	1624	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

TALUKA: BICHOLIM
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. PILIGAO		V.P. SALEM		SANQUELIM-HARVALEM- VIRDI MCL		V.P. SIRIGAO	
Area as per census (Ha)	708		1090		1484		289	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	0.00	0.00	63.24	5.80	0.00	0.00	0.00	0.00
MANGROVE FOREST	7.57	1.07	0.00	0.00	0.00	0.00	0.00	0.00
PRIVATE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WATER BODIES/ nalla/ponds	76.02	10.73	30.31	2.78	50.45	3.40	22.83	7.90
PADDY FIELD/KHAZAN LANDS	154.40	21.80	171.54	15.73	125.76	8.47	84.41	29.22
ECO - 2								
ORCHARD	22.58	3.19	79.06	7.25	270.22	18.21	116.62	40.37
NATURAL COVER	238.27	33.64	154.51	14.17	411.81	27.75	3.78	1.31
CULTIVABLE	72.75	10.27	469.88	43.10	2.85	0.19	7.49	2.59
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	4.60	0.65	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	87.78	12.39	105.45	9.67	485.09	32.68	30.26	10.47
INSTITUTIONAL	0.00	0.00	6.43	0.59	37.71	2.54	0.99	0.34
INDUSTRY	12.21	1.72	0.00	0.00	64.55	4.35	0.00	0.00
MIZ	0.00	0.00	0.00	0.00	10.30	0.69	6.18	2.14
TRANSPORTATION	32.04	4.52	9.88	0.91	25.42	1.71	16.31	5.65
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	708	100.00	1090	100.00	1484	100.00	289	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

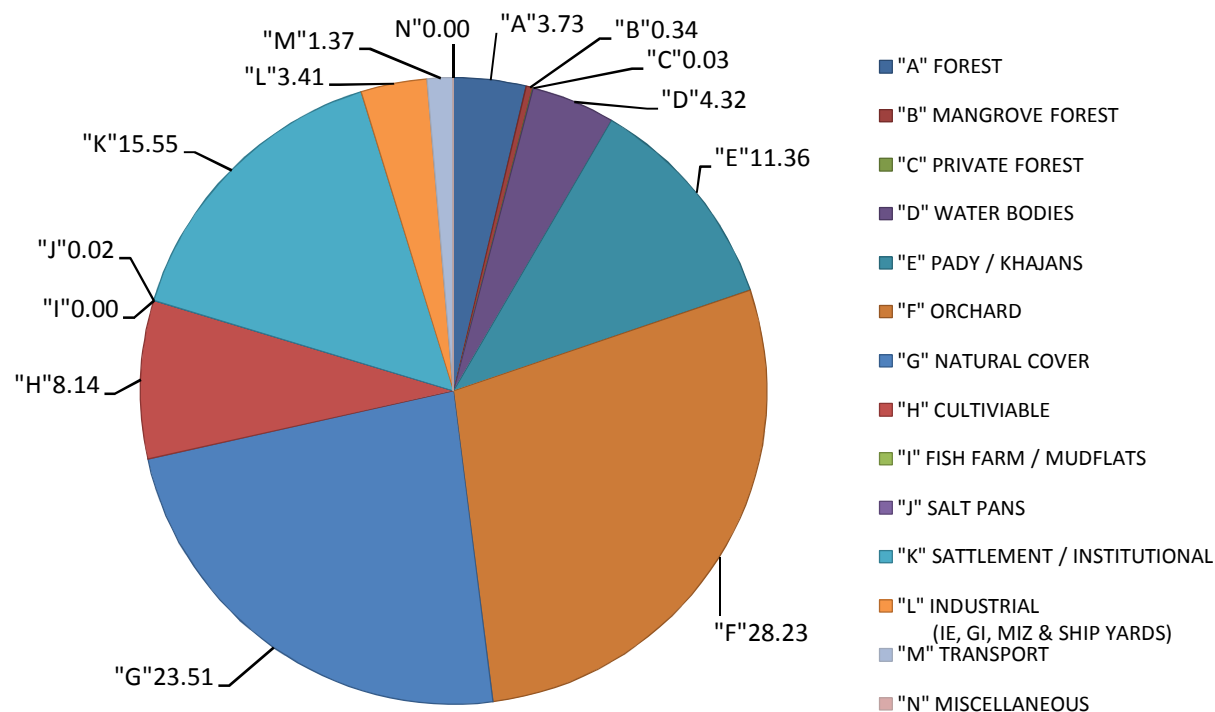
TALUKA: BICHOLIM
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. SURLA		V.P. VELGUEM		BICHOLIM MCL		TALUKA TOTAL	
Area as per census (Ha)	1697		325		1447		23514	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA	AREA IN HECTARES	% OF TOTAL PANCHAYAT AREA
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	130.69	7.70	109.02	33.52	10.08	0.70	877.07	3.73
MANGROVE FOREST	4.33	0.26	0.00	0.00	0.00	0.00	80.27	0.34
PRIVATE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	6.22	0.03
WATER BODIES/ nalla/ponds	67.90	4.00	5.06	1.56	23.80	1.64	1015.41	4.32
PADDY FIELD/KHAZAN LANDS	115.35	6.80	28.75	8.84	110.35	7.62	2670.15	11.36
ECO - 2								
ORCHARD	1052.80	62.03	34.11	10.49	440.13	30.41	6638.48	28.23
NATURAL COVER	0.00	0.00	51.54	15.85	135.95	9.39	5528.47	23.51
CULTIVABLE	73.21	4.31	11.02	3.39	155.63	10.75	1914.63	8.14
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	4.60	0.02
SETTLEMENT	192.22	11.33	79.88	24.56	459.51	31.75	3518.08	14.96
INSTITUTIONAL	4.15	0.24	0.18	0.05	30.04	2.08	138.65	0.59
INDUSTRY	25.88	1.52	0.00	0.00	72.69	5.02	746.69	3.18
MIZ	5.05	0.30	0.00	0.00	9.23	0.64	54.31	0.23
TRANSPORTATION	25.69	1.51	5.67	1.74	0.00	0.00	320.97	1.37
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	1697	100.00	325	100.00	1447	100.00	23514	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

BROAD LAND USES FOR BICHOLIM TALUKA

	FINAL RPG-2021	FINAL RPG-2021
	AREA IN HECTARES	% OF TALUKA
ECO - 1		
FOREST (Protected/reserved/ national park/wild life)	877.07	3.73
MANGROVE FOREST	80.27	0.34
PRIVATE FOREST	6.22	0.03
WATER BODIES/ nalla/ponds	1015.41	4.32
PADDY FIELD/KHAZAN LANDS	2670.15	11.36
SUB TOTAL	4649.11	19.77
ECO - 2		
ORCHARD	6638.48	28.23
NATURAL COVER	5528.47	23.51
CULTIVABLE	1914.63	8.14
SALT PANS	0.00	0.00
FISH FARM / MUD FLATS	4.60	0.02
SUB TOTAL	14086.18	59.91
SETTLEMENT	3518.08	14.96
INSTITUTIONAL	138.65	0.59
INDUSTRY	746.69	3.18
MIZ	54.31	0.23
TRANSPORTATION	320.97	1.37
MISCELLANEOUS	0.00	0.00
GRAND TOTAL	23514	100.00



TALUKA: SANGUEM
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. BHATI		V.P. CALEM		V.P. CURDI		V.P. NETROLI	
Area as per census (Ha)	14614		8450		6076		10335	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	10507.92	71.90	7170.38	84.85	2322.95	38.23	9039.60	87.46
MANGROVE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIVATE FOREST	149.35	1.02	52.23	0.62	86.73	1.43	26.06	0.25
WATER BODIES/ nalla/ponds	197.96	1.35	154.94	1.83	1942.13	31.96	74.36	0.72
PADDY FIELD/KHAZAN LANDS	322.57	2.21	139.00	1.64	353.25	5.81	305.95	2.96
ECO - 2								
ORCHARD	2465.36	16.87	155.50	1.84	419.17	6.90	287.30	2.78
NATURAL COVER	433.05	2.96	313.31	3.71	758.16	12.48	338.22	3.27
CULTIVABLE	237.76	1.63	81.71	0.97	14.51	0.24	0.00	0.00
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	260.21	1.78	249.10	2.95	161.18	2.65	213.30	2.06
INSTITUTIONAL	11.34	0.08	0.00	0.00	0.00	0.00	0.77	0.01
INDUSTRY	0.00	0.00	68.79	0.81	0.00	0.00	0.00	0.00
MIZ	2.98	0.02	5.34	0.06	0.00	0.00	5.82	0.06
TRANSPORTATION	25.88	0.18	60.12	0.71	18.01	0.30	44.07	0.43
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	14614	100.00	8450	100.00	6076	100.00	10335	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

TALUKA: SANGUEM
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. RIVONA		SANGUEM MCL		V.P. SANVORDEM		V.P. UGUEM	
Area as per census (Ha)	5375		507		2580		4951	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	2715.18	50.52	0.00	0.00	600.78	23.28	1269.83	25.65
MANGROVE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIVATE FOREST	199.81	3.72	0.00	0.00	0.00	0.00	105.76	2.14
WATER BODIES/ nalla/ponds	107.95	2.01	51.41	10.15	109.61	4.25	336.65	6.80
PADDY FIELD/KHAZAN LANDS	289.34	5.38	15.76	3.11	50.64	1.96	304.84	6.16
ECO - 2								
ORCHARD	1313.22	24.43	70.68	13.95	627.73	24.33	902.95	18.24
NATURAL COVER	201.28	3.74	66.17	13.06	849.66	32.93	1474.40	29.78
CULTIVABLE	255.51	4.75	58.29	11.51	2.21	0.09	187.63	3.79
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	252.15	4.69	219.77	43.38	252.57	9.79	282.08	5.70
INSTITUTIONAL	5.53	0.10	9.30	1.84	0.00	0.00	2.78	0.06
INDUSTRY	0.00	0.00	0.00	0.00	36.91	1.43	51.90	1.05
MIZ	3.61	0.07	1.16	0.23	5.15	0.20	0.00	0.00
TRANSPORTATION	31.23	0.58	14.04	2.77	45.07	1.75	32.37	0.65
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	5375	100.00	507	100.00	2580	100.00	4951	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

TALUKA: SANGUEM

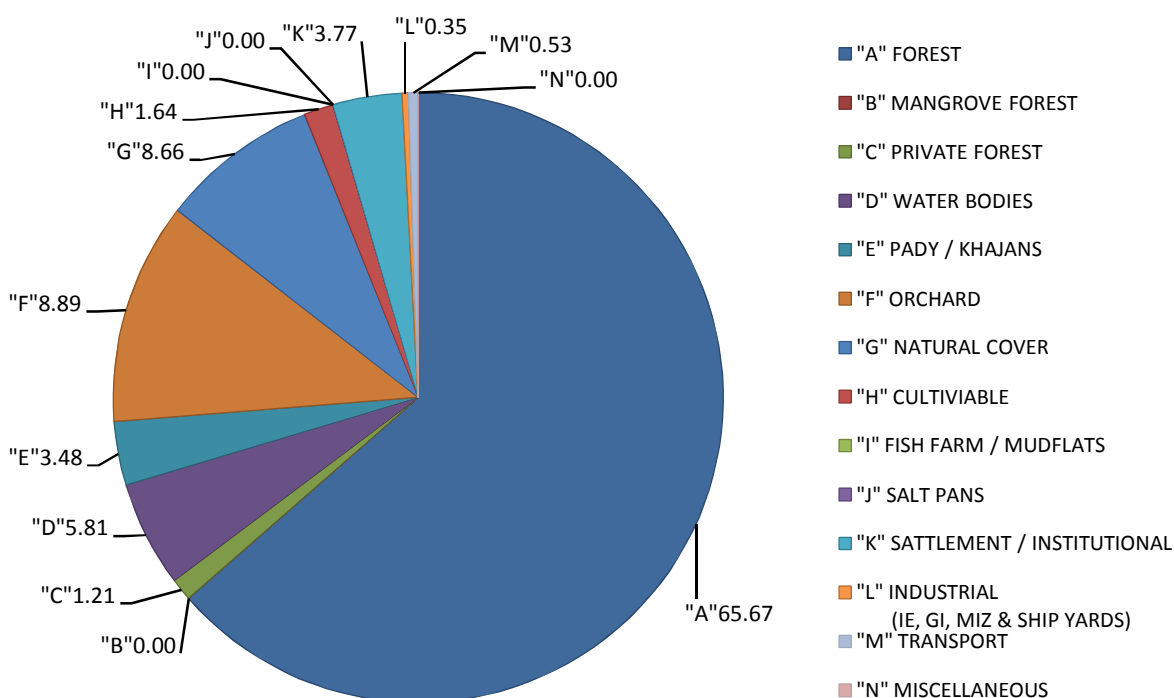
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	TALUKA TOTAL	
Area as per census (Ha)	52889	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT
ECO - 1		
FOREST (Protected/reserved/ national park/wild life)	33626.63	63.58
MANGROVE FOREST	0.00	0.00
PRIVATE FOREST	619.95	1.17
WATER BODIES/ nalla/ponds	2975.02	5.62
PADDY FIELD/KHAZAN LANDS	1781.34	3.37
ECO - 2		
ORCHARD	6232.70	11.78
NATURAL COVER	4434.25	8.38
CULTIVABLE	837.63	1.58
SALT PANS	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00
SETTLEMENT	1899.66	3.59
INSTITUTIONAL	29.72	0.06
INDUSTRY	157.60	0.30
MIZ	24.05	0.05
TRANSPORTATION	270.80	0.51
MISCELLANEOUS	0.00	0.00
GRAND TOTAL	52889	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

BROAD LAND USES FOR SANGUEM TALUKA

	FINAL RPG-2021	FINAL RPG-2021
	AREA IN HECTARES	% OF TALUKA
ECO - 1		
FOREST (Protected/reserved/ national park/wild life)	33626.63	65.67
MANGROVE FOREST	0.00	0.00
PRIVATE FOREST	619.95	1.21
WATER BODIES/ nalla/ponds	2975.02	5.81
PADDY FIELD/KHAZAN LANDS	1781.34	3.48
SUB TOTAL	39002.93	76.17
ECO - 2		
ORCHARD	6232.70	12.17
NATURAL COVER	4434.25	8.66
CULTIVABLE	837.63	1.64
SALT PANS	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00
SUB TOTAL	11504.58	22.47
SETTLEMENT	1899.66	3.71
INSTITUTIONAL	29.72	0.06
INDUSTRY	157.60	0.31
MIZ	24.05	0.05
TRANSPORTATION	270.80	0.53
MISCELLANEOUS	0.00	0.00
GRAND TOTAL	52889	103.29



TALUKA: DHARBANDORA
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. COLLEM		V.P. DARBANDORA		V.P. KIRLAPAL DABAL		V.P. MOLEM	
Area as per census (Ha)	10438		5668		4937		5319	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT
ECO - 1								
FOREST (Protected/reserved/ national park/wild life)	8943.49	85.69	3266.60	57.63	1476.38	29.91	4271.21	80.30
MANGROVE FOREST	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PRIVATE FOREST	65.05	0.62	45.74	0.81	13.80	0.28	90.68	1.70
WATER BODIES/ nalla/ponds	227.06	2.18	714.56	12.61	127.02	2.57	82.55	1.55
PADDY FIELD/KHAZAN LANDS	309.50	2.97	167.50	2.95	155.27	3.15	122.74	2.31
ECO - 2								
ORCHARD	166.89	1.60	400.93	7.07	1167.38	23.65	370.78	6.97
NATURAL COVER	269.67	2.58	477.11	8.42	1436.46	29.10	179.45	3.37
CULTIVABLE	48.92	0.47	98.66	1.74	187.25	3.79	3.69	0.07
SALT PANS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SETTLEMENT	306.86	2.94	410.87	7.25	326.70	6.62	152.97	2.88
INSTITUTIONAL	0.00	0.00	0.86	0.02	0.86	0.02	4.85	0.09
INDUSTRY	0.00	0.00	37.50	0.66	4.75	0.10	1.99	0.04
MIZ	0.00	0.00	5.16	0.09	5.26	0.11	6.85	0.13
TRANSPORTATION	100.10	0.96	42.95	0.76	35.72	0.72	31.28	0.59
MISCELLANEOUS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GRAND TOTAL	10438	100.00	5668	100.00	4937	100.00	5319	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

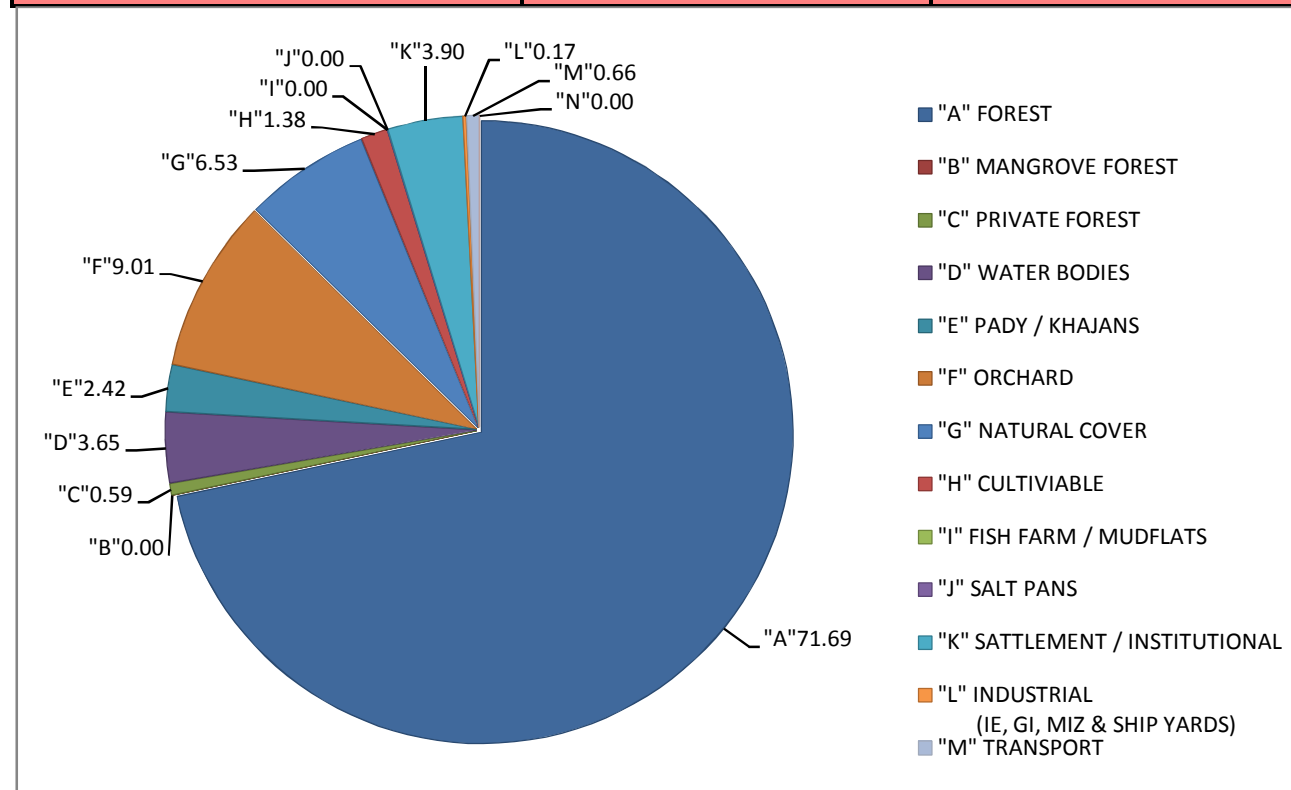
TALUKA: DHARBANDORA
PANCHAYAT WISE BROAD LANDUSE TABLE

PANCHAYAT NAMES	V.P. SANCORDEM		TALUKA TOTAL	
Area as per census (Ha)	10225		36587	
	AREA IN HECTARES	% OF TOTAL PANCHAYAT	AREA IN HECTARES	% OF TOTAL PANCHAYAT
ECO - 1				
FOREST (Protected/reserved/ national park/wild life)	8272.43	80.90	26230.10	71.69
MANGROVE FOREST	0.00	0.00	0.00	0.00
PRIVATE FOREST	0.00	0.00	215.27	0.59
WATER BODIES/ nalla/ponds	184.25	1.80	1335.44	3.65
PADDY FIELD/KHAZAN LANDS	129.03	1.26	884.04	2.42
ECO - 2				
ORCHARD	1190.00	11.64	3295.99	9.01
NATURAL COVER	27.90	0.27	2390.60	6.53
CULTIVABLE	166.19	1.63	504.72	1.38
SALT PANS	0.00	0.00	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00	0.00	0.00
SETTLEMENT	222.39	2.17	1419.79	3.88
INSTITUTIONAL	0.00	0.00	6.56	0.02
INDUSTRY	0.00	0.00	44.24	0.12
MIZ	0.00	0.00	17.27	0.05
TRANSPORTATION	33.10	0.32	243.15	0.66
MISCELLANEOUS	0.00	0.00	0.00	0.00
GRAND TOTAL	10225	100.00	36587	100.00

AREAS ARE GENERATED FROM PROPOSED SURFACE UTILISATION PLAN

BROAD LAND USES FOR DHARBANDORA TALUKA

	FINAL RPG-2021	FINAL RPG-2021
	AREA IN HECTARES	% OF TALUKA
ECO - 1		
FOREST (Protected/reserved/ national park/wild life)	26230.10	71.69
MANGROVE FOREST	0.00	0.00
PRIVATE FOREST	215.27	0.59
WATER BODIES/ nalla/ponds	1335.44	3.65
PADDY FIELD/KHAZAN LANDS	884.04	2.42
SUB TOTAL	28664.86	78.35
ECO - 2		
ORCHARD	3295.99	9.01
NATURAL COVER	2390.60	6.53
CULTIVABLE	504.72	1.38
SALT PANS	0.00	0.00
FISH FARM / MUD FLATS	0.00	0.00
SUB TOTAL	6191.31	16.92
SETTLEMENT	1419.79	3.88
INSTITUTIONAL	6.56	0.02
INDUSTRY	44.24	0.12
MIZ	17.27	0.05
TRANSPORTATION	243.15	0.66
MISCELLANEOUS	0.00	0.00
GRAND TOTAL	36587	100.00



APPENDIX XI

Taluka-Wise Provision of MIZ and Facilities based
on public inputs (Ponda, Sattari, Quepem,
Bicholim, Sanguem and Dharbandora)

APPENDIX XI: MIZ & FACILITIES PROPOSED, PONDA TALUKA

Sr.No.	VILLAGE PANCHAYAT	MIZ		D.M.S.		G.M.S.		GROUND PLAY		CREMA-TORIUM		CATTLE POUND		REHABILITATION SITE / 20 POINT PROG. SITES	WIDTH OF PROPOSED ROAD Mts.	LENGTH OF PROPOSED ROAD Mts.
	Minimum Sizes (recommended)	50000m2	No	20000m2	No	6500m2	No	As proposed by V.P.	No	6500m2	No	2000m2	No	Area in sq.mts.		
1	Bandora	√	1	----	----	√	1	√	8	√	14	----	----	----	6	162
2	Betora-Nirancal-Conxem-Codar	√	1	----	----	----	----	√	4	√	3	----	----	----	10	9228
3	Betki-Khandola	√	1	√	1	----	----	√	3	√	1	----	----	----	10	630
4	Bhoma-Adcolna	√	1	----	----	√	1	√	2	√	1	----	----	----	10	2269
5	Borim	√	1	√	1	√	3	√	3	√	7	----	----	----	15 10	1387 709
6	Cundaim	√	1	----	----	√	1	√	2	√	3	----	----	----	10	1211
7	Curti-Khandepar	----	----	----	----	√	1	√	3	√	2	----	----	----	15 10	7078 2761
8	Durbhat	√	1	√	1	----	----	√	1	√	3	----	----	----	15 10 25	2150 2527 3463
9	Marcaim	√	1	√	1	√	2	√	2	√	3	----	----	----	10 15	610 2111
10	Panchawadi	√	1	√	1	√	1	√	1	----	----	----	----	----	30 15 10	1867 1492 880
11	Querim	----	----	----	----	√	1	√	1	√	2	----	----	----	10	2146
12	Quela	√	1	----	----	√	1	√	2	√	1	----	----	----	10	4276
13	Shiroda	----	----	----	----	√	2	√	2	√	5	√	1	----	10	10018
14	Tivrem-Orgao	√	1	----	----	√	1	√	1	√	7	----	----	----	10 25	1230 704
15	Usgao-Ganjam	√	1	----	----	----	----	√	3	----	----	√	1	----	30 15 10	3541 1042 5766
16	Veling-Priol Cuncolem	----	----	----	----	√	1	√	1	√	3	√	1	----	15	3044
17	Verem-Vagurme	√	1	----	----	----	----	√	2	√	4	----	----	----	10	1207
18	Volvoi	√	1	----	----	√	1	√	1	√	2	----	----	----	----	----
19	Wadi-Talaulim	√	1	----	----	√	1	----	----	√	2	----	----	----	25 10	551 516
Total			15		5		18		42		63		3	----		74576

APPENDIX XI: MIZ & FACILITITES PROPOSED, SATTARI TALUKA

Sr.No.	VILLAGE PANCHAYAT	MIZ		D.M.S.		G.M.S.		PLAY GROUND		CREMA-TORIUM		CATTLE POUND		REHABILITATION SITE / 20 POINT PROG. SITES	WIDTH OF PROPOSED ROAD MTS.	LENGTH OF PROPOSED ROAD Mts.	HEALTH CENTRE	ECO - TOURISM SITES
	Minimum Sizes (recommended)	50000m2	No	20000m2	No	6500m2	No	As proposed by V.P.	No	6500m2	No	2000m2	No	Area in sq.mts.				
1	Birondem	√	1	---	---	√	1	√	2	√	2	√	2		10	845	---	---
2	Cotorem	√	1	---	---	---	2	√	2	√	1	√	1		10	---	---	---
3	Dongurli- Thane	---	---	---	---	√	2	√	4	√	5	---	---		10	509	1	1
4	Guleli	√	1	---	---	---	---	√	1	√	1	√	1		10	2449	---	---
5	Honda	---	---	---	---	√	1	√	1	---	2	√	1		10	2608	---	---
6	Mauxi	---	---	---	---	√	1	√	2	√	3	√	1		10	2387	---	---
7	Morlem	√	1	---	---	√	1	√	3	√	1	√	1		10	918	---	1
8	Nagargaon	√	1	---	---	√	1	---	---	√	2	√	1		10	---	---	---
9	Pissurlem	---	---	---	---	√	1	√	1	√	1	√	1		10	1837	---	1
10	Poriem	√	1	---	---	---	---	√	1	---	---	√	1		10	2769	---	---
11	Querim	√	1	---	---	√	1	√	2	√	3	√	1		10	1098	1	1
12	Sanvordem	---	---	---	---	---	---	√	1	√	1	√	1		10	285	---	---
13	Valpoi M.CL.	√	1	---	---	√	1	√	3	√	3	---	---		10	581	---	---
Total			8				12		23		25		12			16286	2	2

APPENDIX XI: MIZ & FACILITIES PROPOSED QUEPEM TALUKA

Sr.No.	VILLAGE PANCHAYAT	MIZ		D.M.S.		G.M.S.		PLAY GROUND		CREMA-TORIUM		CATTLE POUND		REHABILITATION SITE / 20 POINT PROG. SITES	WIDTH OF PROPOSED ROAD Mts.	LENGTH OF PROPOSED ROAD Mts.
	Minimum Sizes (recommended)	50000m2	No	20000m2	No	6500m2	No	As proposed by V.P.	No	6500m2	No	2000m2	No	Area in sq.mts.		
1	Ambaulim	---	---	---	---	√	1	√	1	√	2	---	---		10	637
2	Assolda	---	---	---	---	√	1	√	1	√	3	---	---		10 30	1309 1094
3	Avedem- Cotombi Chafi	---	---	---	---	√	1	√	2	√	3	---	---		---	---
4	Balli-Adnem	---	---	---	---	√	1	√	1	√	1	---	---		10 30	6771 7548
5	Barcem-Quedem	---	---	---	---	√	1	√	5	√	7	---	---		10 15	439 7096
6	Cavorem-Pirla	√	1	---	---	√	1	√	2	√	2	---	---		10	3341
7	Fatorpa, Quitol	---	---	---	---	---	---	√	1	√	1	---	---		10	3486
8	Morpila	√	1	---	---	√	1	√	1	√	4	√	1		10	5856
9	Molcornem	---	---	---	---	---	---	√	1	√	3	---	---		10	714
10	Naqueri- Betul	---	---	√	1	√	1	---	---	√	2	---	---		10	942
11	Xeldem	---	---	---	---	√	1	√	2	√	8	---	---		30 10	3744 188
12	Quepem MCI	√	1	---	---	---	---	√	6	√	4	---	---		30 10	5330 2147
13	Curchorem/Cacora MCI	---	---	---	---	√	1	√	2	√	1	---	---		10 30	353 2023
Total			3		1		10		25		41		1			53018

APPENDIX XI: MIZ & FACILITITES PROPOSED, BICHOLIM TALUKA

Sr.No.	VILLAGE PANCHAYAT	MIZ		D.M.S.		G.M.S.		PLAY GROUND		CREMA-TORIUM		CATTLE POUND		REHABILI TATION SITE / 20 POINT PROG. SITES	WIDTH OF PROPOSED ROAD Mts.	LENGTH OF PROPOSE D ROAD Mts.
	Minimum Sizes (recommended)	50000m2	No	20000m2	No	6500m2	No	As proposed by V.P.	No	6500m2	No	2000m2	No	Area in sq.mts.		
1	Advalpe	----	----	----	----	√	1	√	1	√	1	----	----	----	15 10	884 978
2	Amona	----	----	----	----	----	----	√	1	----	----	----	----	----	10	4523
3	Cudnem	----	----	----	----	√	1	√	1	----	----	----	----	----	10	1535
4	Karapur-Sarvan	√	1	----	----	----	----	√	3	----	----	----	----	----	30 10 45 25	339 13864 851 3015
5	Latambarcem	√	1	----	----	----	----	√	1	√	1	----	----	----	10	19793
6	Maem Vainguinim	√	1	----	----	----	----	√	5	----	----	----	----	----	10	4384
7	Mencurem Dhumashem	√	1	----	----	√	1	√	1	√	2	√	1	----	10	1372
8	Mulgao	----	----	----	----	√	1	√	2	√	3	----	----	----	10 15	2067 1459
9	Naroa	√	1	----	----	----	----	√	2	√	1	----	----	----	10	4155
10	Navelim	----	----	----	----	----	----	√	1	----	----	----	----	85,339	10	2557
11	Maulinguem Curchorem	√	1	----	----	√	1	√	1	√	2	√	1	----	10	9131
12	Pale-Cotombi	----	----	----	----	√	1	√	2	√	2	----	----	----	10	3486
13	Piligao	----	----	----	----	√	1	√	1	----	----	----	----	----	25 10 15	952 1241 1089
14	Salem	----	----	----	----	----	----	√	1	√	1	----	----	30,491	10	2270

Sr..No.	VILLAGE PANCHAYAT	MIZ		D.M.S.		G.M.S.		PLAY GROUND		CREMATORIUM		CATTLE POUND		REHABILI TATION SITE / 20 POINT PROG. SITES	WIDTH OF PROPOSED ROAD Mts.	LENGTH OF PROPOSE D ROAD Mts.
		50000m2	No	20000m2	No	6500m2	No	As proposed by	No	6500m2	No	2000m2	No			
15	Sanquelim	√	1	√	1	----	----	√	8	√	2	----	----	----	30 10 15	2498 7293 9030
16	Sirigao	√	1	----	----	√	1	√	1	√	1	√	1	----	15 10	1055 2255
17	Surla	√	1	----	----	√	1	√	2	√	1	----	----	----	10	6127
18	Velguem	----	----	----	----	----	----	√	1	----	----	----	----	----	10	900
19	Bicholim	√	1	√	1	√	1	√	4	√	4	----	----	----	45 10	4654 13910
Total			10		2		10		39		21		3	115830		130574

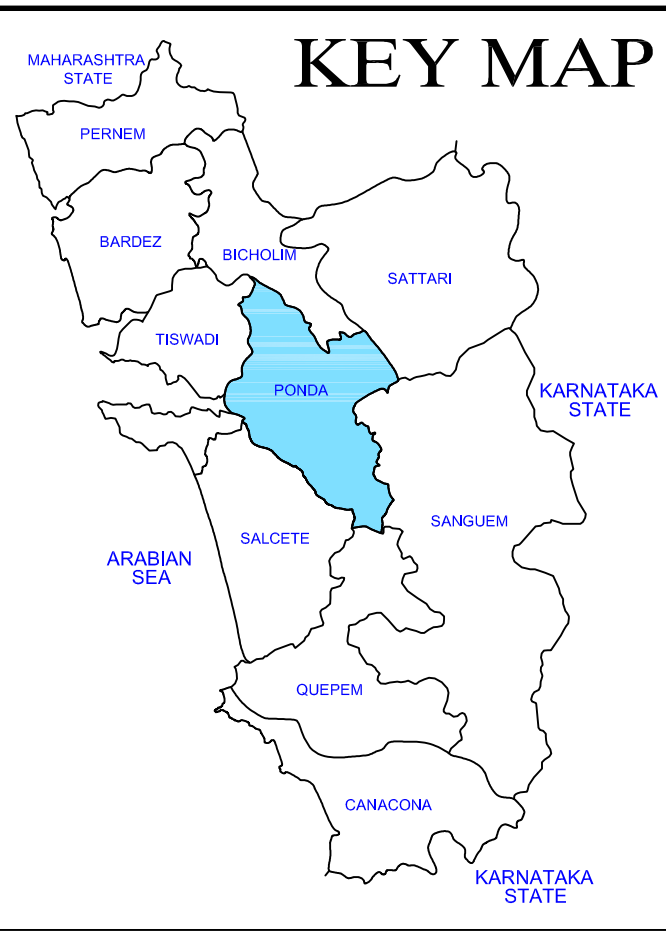
APPENDIX XI: MIZ & FACILITIES PROPOSED SANGUEM TALUKA																
Sr.No.	VILLAGE PANCHAYAT	MIZ		D.M.S.		G.M.S.		PLAY GROUND		CREMA-TORIUM		CATTLE POUND		REHABILI TATION SITE / 20 POINT PROG. SITES	WIDTH OF PROPOSE D ROAD Mts.	LENGTH OF PROPOSE D ROAD Mts.
	Minimum Sizes (recommende d)	50000m2	No	20000m2	No	6500m2	No	As proposed by V.P.	No	6500m2	No	2000m2	No	Area in sq.mts.		
1	Bhati	√	1	---	---	√	1	√	1	√	1	---	---	---	10	1014
2	Calem	√	1	---	---	√	1	√	1	√	3	---	---	---	---	---
3	Curdi	---	---	---	---	---	---	√	1	---	---	---	---	---	10	715
4	Neturlim	√	1	---	---	√	2	√	6	√	7	---	---	---	---	---
5	Rivona	√	1	---	---	---	---	---	---	---	---	---	---	---	---	---
6	Sanvordem	√	1	---	---	---	---	---	---	---	---	---	---	---	30	1976
7	Uguem	---	---	---	---	---	---	---	---	---	---	---	---	---	10	1342
8	Sanguem M.CL.	√	1	---	---	√	1	√	1	---	---	---	---	---	10	3041
Total			6				5		10		11					8088

APPENDIX XI: MIZ & FACILITIES PROPOSED DHARBANDORA TALUKA

Sr.No.	VILLAGE PANCHAYAT	MIZ		D.M.S.		G.M.S.		PLAY GROUND		CREMA- TORIUM		CATTLE POUND		REHABILITATION SITE / 20 POINT PROG. SITES	WIDTH OF PROPOSED ROAD Mts.	LENGTH OF PROPOSED ROAD Mts.
		50000m2	No	20000m2	No	6500m2	No	As proposed by V.P.	No	6500m2	No	2000m2	No	Area in sq.mts.		
1	Colem	---	---	---	---	√	1	√	4	---	---	---	---	---	10	1650
2	Dharbandora	√	1	---	---	√	1	√	1	√	2	---	---	---	10 30	784 216
3	Kirlapal Dabal	√	1	---	---	---	---	---	---	---	---	---	---	---	10 15	5685 5991
4	Molem	√	1	---	---	√	1	---	---	√	1	---	---	---	10	2822
5	Sancordem	√	1	---	---	√	1	---	---	---	---	---	---	---	10	950
Total			4				4		5		3					19657

APPENDIX XII

Ponda Surface Utilisation Plan



REGIONAL PLAN FOR GOA-2021

PONDA TALUKA

SCALE 1:25000

TISWADI
TALUKA

BICHOLIM
TALUKA

MURMUGAO
TALUKA

SANGUEM
TALUKA

- LAND USES**
- ECOLOGICALLY SENSITIVE AREAS (ECO-1)**
- PROTECTED/RESERVED FORESTS
 - PRIVATE FOREST
 - MANGROVE FORESTS
 - NO DEVELOPMENT SLOPES
 - PADDY FIELDS / KHAZANS
 - RIVERS / NALLAS / PONDS
 - MUD FLATS
- OTHER ECOLOGICALLY SENSITIVE AREAS (ECO-2)**
- CULTIVABLE LAND
 - ORCHARD
 - NATURAL COVER
 - IRRIGATION COMMAND AREAS
- INDUSTRIAL**
- INDUSTRIAL ESTATE
 - GENERAL INDUSTRY
 - MICRO INDUSTRIAL ZONE
 - SHIPYARDS / REPAIR DOCKS / MARINE INDUSTRY
- SETTLEMENTS**
- SETTLEMENT AREAS
 - INSTITUTION ZONE
- TRANSPORTATION**
- EXISTING**
- NATIONAL HAIGHWAY (45m)
 - BYE PASS ROAD (45m)
 - MINING BYE PASS (45m)
 - MAIN PANCHAYAT ROADS (15m)
 - OTHER PANCHAYAT ROADS (10m)
 - PROPOSED ROAD (30m)
 - PROPOSED ROAD (25m)
 - PROPOSED ROADS (15m)
 - PROPOSED ROADS (10m)
 - BUS TERMINAL / BUS STAND
- ADMINISTRATIVE BOUNDARIES**
- DISTRICT BOUNDARY
 - TALUKA BOUNDARY
 - PANCHAYAT BOUNDARY
 - VILLAGE BOUNDARY
 - SURVEY BOUNDARY
- OTHERS**
- CREMATORIUM
 - PLAY GROUND
 - QUARRY
 - DISASTER MANAGEMENT SITE
 - CATTLE POND
 - FILM CITY
 - GARBAGE MANAGEMENT SITE
 - PASSENGER JETTY
 - TRANSPORTATION JETTY
 - BRIDGE
 - BRIDGE
 - TOURIST PLACES

NOTE :-

- This plan showing proposed Surface Utilization of PONDA TALUKA forms part of the Regional Plan for GOA-2021 which has been approved by the T.C.P. Board in its 137th Adjourned (3rd Sitting) meeting held on 4th march 2011 & approved by Govt. vide note no. 288/TC/2010/60-217 dated _____.
- All the O.D.P's & Zoning Plans (ZP's) prepared in the past by P.D.A./T.C.P.D., as the case may be and are in force (both in P.D.A areas & non P.D.A areas) have been incorporated in to the RP-G-2021. Respective O.D.P's (Zoning Plans) shall be referred for details and development control of developable areas only as per RP-G-2021. In case of any variations, the matter shall be referred to the T.C.P. Board for its own interpretation.
- Private Forest areas indicated in this plan are subject to the final confirmation & demarcation by the competent Authorities.
- Surface Utilization Plans shall be read with the report of RP-G-2021 (Release I/Final) for interpretation.
- This Surface Utilization Plan shows broad land uses which are to be read along with guidelines for interpretation of permissible land uses.
- All past commitments/developments like sub-division approvals by competent Authorities, conversion sanad under LRC, building approvals/NOC's granted, shall be honoured for specific uses, if not reflected in this plan.
- All NOCs for Land Acquisition for specific purposes under the L.A. Act 1894 issued by TOP Dept for specific uses /activities shall be treated as conforming to the said use for which NOC was issued. The same shall not hold good, in case where acquisition proceedings are dropped by the Govt. and shall be treated as per uses indicated in the Surface Utilization Plan.
- Notwithstanding anything contained in this Plan, the developments shall be subject to the provisions of Tenancy Act, Land Use Regulation Act, Forest Conservation Act, Highways Act, Ancient Monuments and Archaeological Sites and Remains Act (State and Central) EIA notifications issued by the MOEF or any other Act/Rule as applicable.

Original or Approved Sub-Division Plots upto 350 m² will be allowed upto 80 FAR irrespective of the VP Status of Settlement Category.

PONDA TALUKA	
REGIONAL PLAN FOR GOA-2021 (RPG-21)	JUNE 2011 FINAL
REGIONAL PLAN DIVISION TOWN AND COUNTRY PLANNING DEPT. GOVT. OF GOA	

N

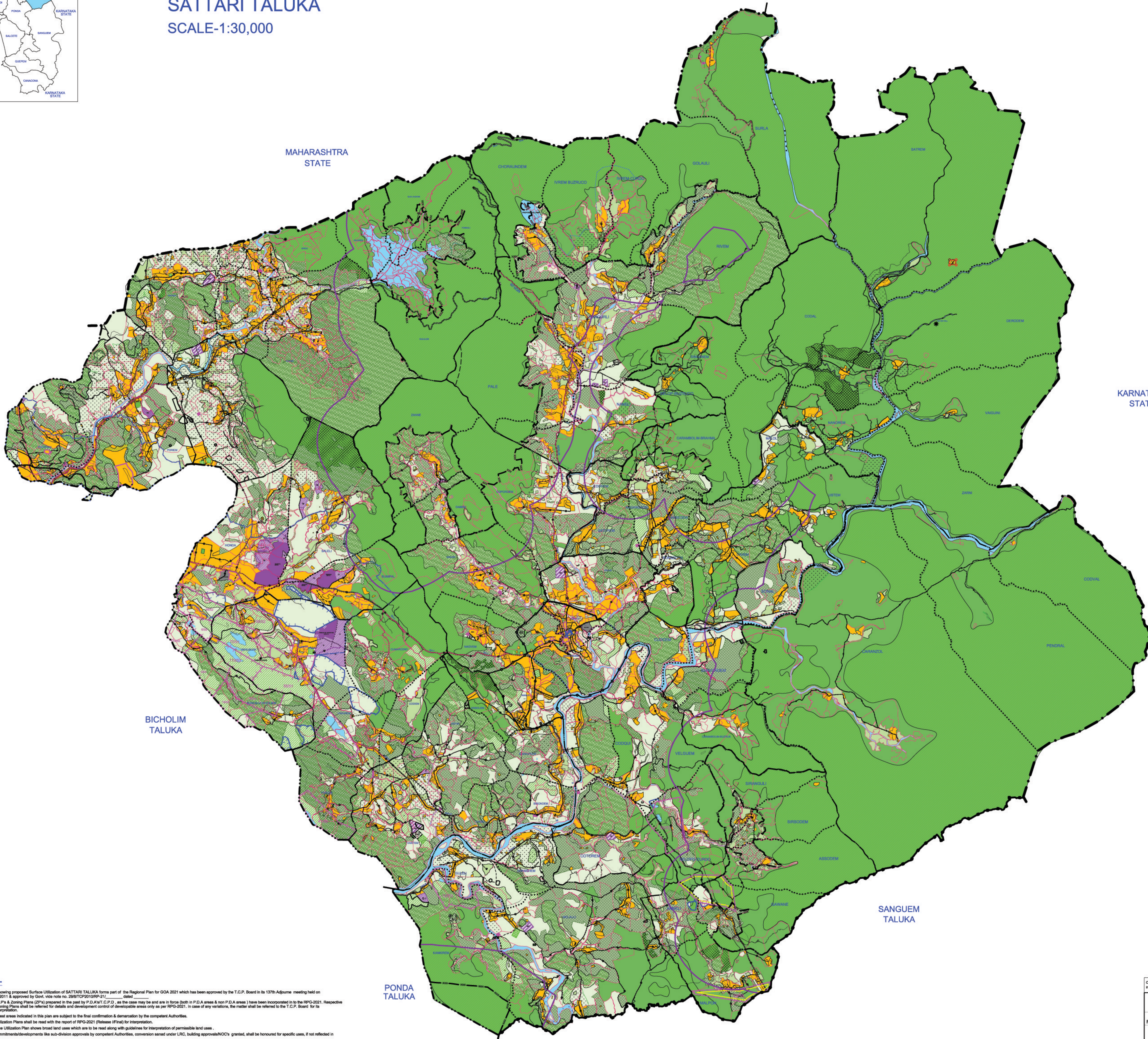
0.75 0.5 0 1 2Kms

APPENDIX XIII

Sattari Surface Utilisation Plan



REGIONAL PLAN FOR GOA - 2021
SATTARI TALUKA
SCALE-1:30,000



- LAND USES**
- ECOLOGICALLY SENSITIVE AREAS (ECO-1)**
- PROTECTED/RESERVED FORESTS
 - WILD LIFE SANCTUARY
 - 1 KM BUFFER (WL)
 - PRIVATE FOREST
 - NO DEVELOPMENT SLOPES
 - PADDY FIELDS
 - RIVERS / NALLAS
- OTHER ECOLOGICALLY SENSITIVE AREAS (ECO-2)**
- CULTIVABLE LAND
 - ORCHARD
 - NATURAL COVER
 - IRRIGATION COMMAND AREAS
- INDUSTRIAL**
- INDUSTRIAL ESTATE
 - GENERAL INDUSTRY
 - MICRO INDUSTRIAL ZONE
- SETTLEMENTS**
- SETTLEMENT AREAS
 - INSTITUTION ZONE
- TRANSPORTATION**
- EXISTING**
- STATE HAIGHWAY (30m)
 - MAIN PANCHAYAT ROADS (15m)
 - OTHER PANCHAYAT ROADS (10m)
 - PROPOSED ROAD (30m)
 - PROPOSED ROADS (15m)
 - PROPOSED ROADS (10m)
 - BUS TERMINAL / BUS STAND
- ADMINISTRATIVE BOUNDARIES**
- DISTRICT BOUNDARY
 - TALUKA BOUNDARY
 - TALUKA BOUNDARY
 - PANCHAYAT BOUNDARY
 - MUNICIPAL BOUNDARY
 - VILLAGE BOUNDARY
 - SURVEY BOUNDARY
- OTHERS**
- CREMATORIUM
 - PLAY GROUND
 - ACTIVE MINING LEASE AREAS
 - MINING ACTIVITY / DUMPS
 - OUTSIDE ACTIVE MINING AREA
 - QUARRY
 - DISASTER MANAGEMENT SITE
 - CATTLE POUND
 - GARBAGE MANAGEMENT SITE
 - FORTS
 - BRIDGE
 - BRIDGE
 - TOURIST PLACES

NOTE :-

1. This plan showing proposed Surface Utilization of SATTARI TALUKA forms part of the Regional Plan for GOA 2021 which has been approved by the T.C.P. Board in its 137th Adjourned meeting held on 18th March 2011 & approved by Govt. vide note no. 2987/CPD/1090-211 dated 18/03/2011.

2. All the O.D.P.s & Zoning Plans (Z.P.s) prepared in the past by P.D.A./T.C.P.D. in the case may be and are in force (both in P.D.A areas & non P.D.A areas) have been incorporated in the R.P.G-2021. Respective O.D.P.s/Zoning Plans shall be referred for details and development control of developable areas only as per R.P.G-2021. In case of any variations, the matter shall be referred to the T.C.P. Board for its consideration/interpretation.

3. Private Forest areas indicated in this plan are subject to the final confirmation & demarcation by the competent Authorities.

4. Surface Utilization Plans shall be read with the report of R.P.G-2021 (Release I/Final) for interpretation.

5. This Surface Utilization Plan shows broad land use which are to be read along with guidelines for interpretation of permissible land uses.

6. All past commitments/developments like sub-division approvals by competent Authorities, conversion sanad under L.R.C, building approvals/NOCs granted, shall be honoured for specific uses, if not reflected in this plan.

7. All NOCs for Land Acquisition for specific purposes under the L.A. Act 1894 issued by TCP Dept for specific uses /activities shall be treated as confirming to the said use for which NOC was issued. The same shall not hold good, in case where acquisition proceedings are dropped by the Govt. and shall be treated as per uses indicated in the Surface Utilization Plan.

8. Notwithstanding anything contained in this Plan, the developments shall be subject to the provisions of Tenancy Act, Land Use Regulation Act, Forest Conservation Act, Highways Act, Ancient Monuments and Archaeological Sites and Remains Act (State and Central) EIA notifications issued by the MOEF or any other Act/Rule as applicable.

Original or Approved: Sub-Division Plans upto 350 m² will be allowed upto 80 FAR irrespective of the VP Status of Settlement Category.

SATTARI TALUKA	
REGIONAL PLAN FOR GOA-2021 (RPG-21)	MARCH 2011 FINAL
REGIONAL PLAN DIVISION	
TOWN AND COUNTRY PLANNING DEPT. GOVT. OF GOA	

0 0.5 1 2Kms

N

APPENDIX XIV

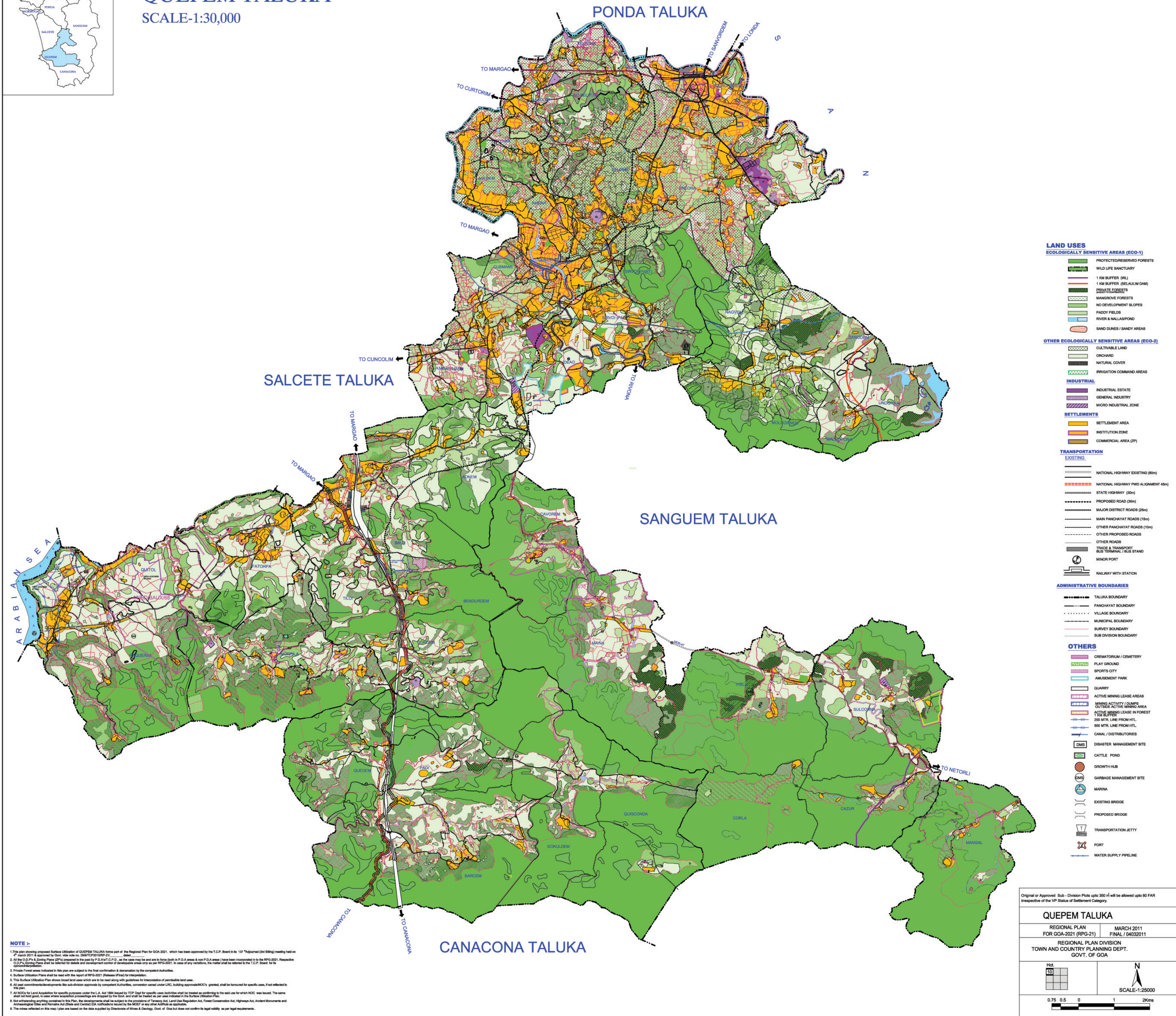
Quepem Surface Utilisation Plan



REGIONAL PLAN FOR GOA - 2021

QUEPEM TALUKA

SCALE-1:30,000



- LAND USES**
- ECOLOGICALLY SENSITIVE AREAS (ECO-1)**
- PROTECTED/RESERVED FORESTS
 - WILD LIFE SANCTUARY
 - 1 KM BUFFER (W/L)
 - 1 KM BUFFER (RELAULIM DAM)
 - COASTAL CREEPS
 - MANGROVE FORESTS
 - NO DEVELOPMENT SLOPES
 - PADDY FIELDS
 - RIVER & NALLAS/SPOND
 - SAND DUNES / SANDY AREAS
- OTHER ECOLOGICALLY SENSITIVE AREAS (ECO-2)**
- CULTIVABLE LAND
 - ORCHARD
 - NATURAL COVER
 - IRRIGATION COMMAND AREAS
- INDUSTRIAL**
- INDUSTRIAL ESTATE
 - GENERAL INDUSTRY
 - MICRO INDUSTRIAL ZONE
- SETTLEMENTS**
- SETTLEMENT AREA
 - INSTITUTION ZONE
 - COMMERCIAL AREA (ZP)
- TRANSPORTATION**
- EXISTING**
- NATIONAL HIGHWAY EXISTING (80m)
 - NATIONAL HIGHWAY PWD ALIGNMENT (45m)
 - STATE HIGHWAY (30m)
 - PROPOSED ROAD (30m)
 - MAJOR DISTRICT ROADS (25m)
 - MAIN PANCHAYAT ROADS (15m)
 - OTHER PANCHAYAT ROADS (10m)
 - OTHER PROPOSED ROADS
 - OTHER ROADS
 - TRUCK & TRANSPORT
 - BUS TERMINAL / BUS STAND
 - MINOR PORT
 - RAILWAY WITH STATION
- ADMINISTRATIVE BOUNDARIES**
- TALUKA BOUNDARY
 - PANCHAYAT BOUNDARY
 - VILLAGE BOUNDARY
 - MUNICIPAL BOUNDARY
 - SURVEY BOUNDARY
 - SUB DIVISION BOUNDARY
- OTHERS**
- CREMATORIUM / CEMETERY
 - PLAY GROUND
 - SPORTS CITY
 - AMUSEMENT PARK
 - QUARRY
 - ACTIVE MINING LEASE AREAS
 - MINING ACTIVITY (DUMPS)
 - OUTSIDE ACTIVE MINING AREA
 - ACTIVE MINING LEASE IN FOREST
 - 200 MTR. LINE FROM HTL
 - 500 MTR. LINE FROM HTL
 - CANAL / DISTRIBUTORIES
 - DISASTER MANAGEMENT SITE
 - CATTLE POND
 - GROWTH HUB
 - GARBAGE MANAGEMENT SITE
 - MARINA
 - EXISTING BRIDGE
 - PROPOSED BRIDGE
 - TRANSPORTATION JETTY
 - PORT
 - WATER SUPPLY PIPELINE

NOTE :-

1. This plan showing proposed Surface Utilization of QUEPEM TALUKA forms part of the Regional Plan for GOA 2021, which has been approved by the T.C.P. Board in its 137th Adjourned (3rd Sitting) meeting held on 27th March 2011 & approved by Govt. vide order no. 3067/CP/2010/PP-2011 dated 14.04.2011.

2. As per the T.C.P. & Zoning Plan (ZP) is prepared in the year by T.C.P. Board as per the order no. 1000/CP/2010/PP-2011 dated 14.04.2011, as the order may be and any in force shall be in force till the order no. 1000/CP/2010/PP-2011 dated 14.04.2011 is replaced by the T.C.P. Board for the Z.P. Board.

3. Private Forest areas indicated in this plan are subject to final confirmation & demarcation by the competent authorities.

4. Surface Utilization Plan shall be read with the report of RPO-2021 (Please refer to the report).

5. All land use permissions/developments like sub-division approvals by competent authorities, conversion issued under LNC, building approvals/ROCs granted, shall be bonused for specific uses, if not reflected in this plan.

6. All RPOs for land acquisition for specific purposes under the L.A. Act 1988 issued by T.C.P. Board for specific uses shall be treated as conforming to the land use for which RPOs were issued. The same shall not be used, in cases where acquisition proceedings are dropped by the Govt. and shall be treated as per area indicated in the Surface Utilization Plan.

7. Notwithstanding anything contained in this Plan, the developments shall be subject to the provisions of Town and Country Planning Act, Land Use Regulation Act, Forest Conservation Act, Highways Act, Ancient Monuments and Archaeological Sites and Remains Act (State and Central) and any other Acts as applicable.

8. The map reflected on this map is based on the data supplied by Directorate of Mines & Geology, Govt. of Goa but does not conform to legal validity as per legal requirements.

Original or Approved Sub - Division Plots upto 350 sq. ft. will be allowed upto 80 FAR irrespective of the VP Status of Settlement Category.

QUEPEM TALUKA

REGIONAL PLAN FOR GOA-2021 (RPO-21) MARCH 2011 FINAL / 04032011

REGIONAL PLAN DIVISION TOWN AND COUNTRY PLANNING DEPT. GOVT. OF GOA

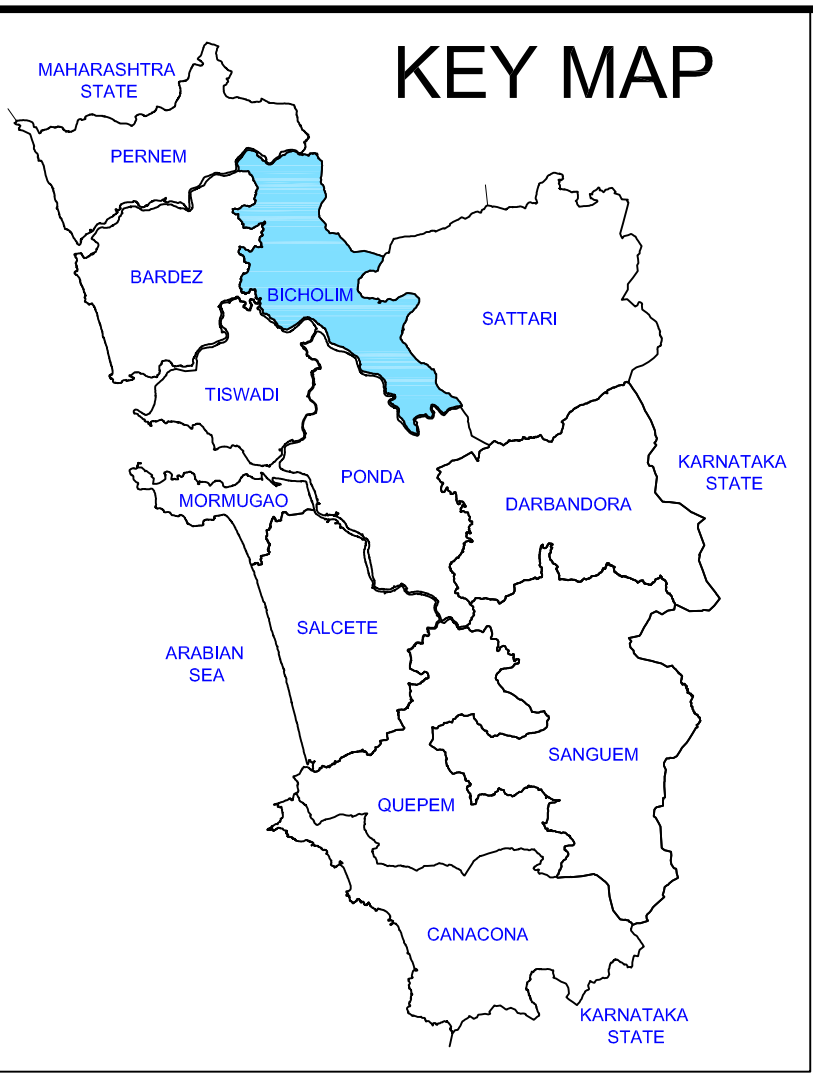
Hot 10

0.75 0.5 0 1 2Kms

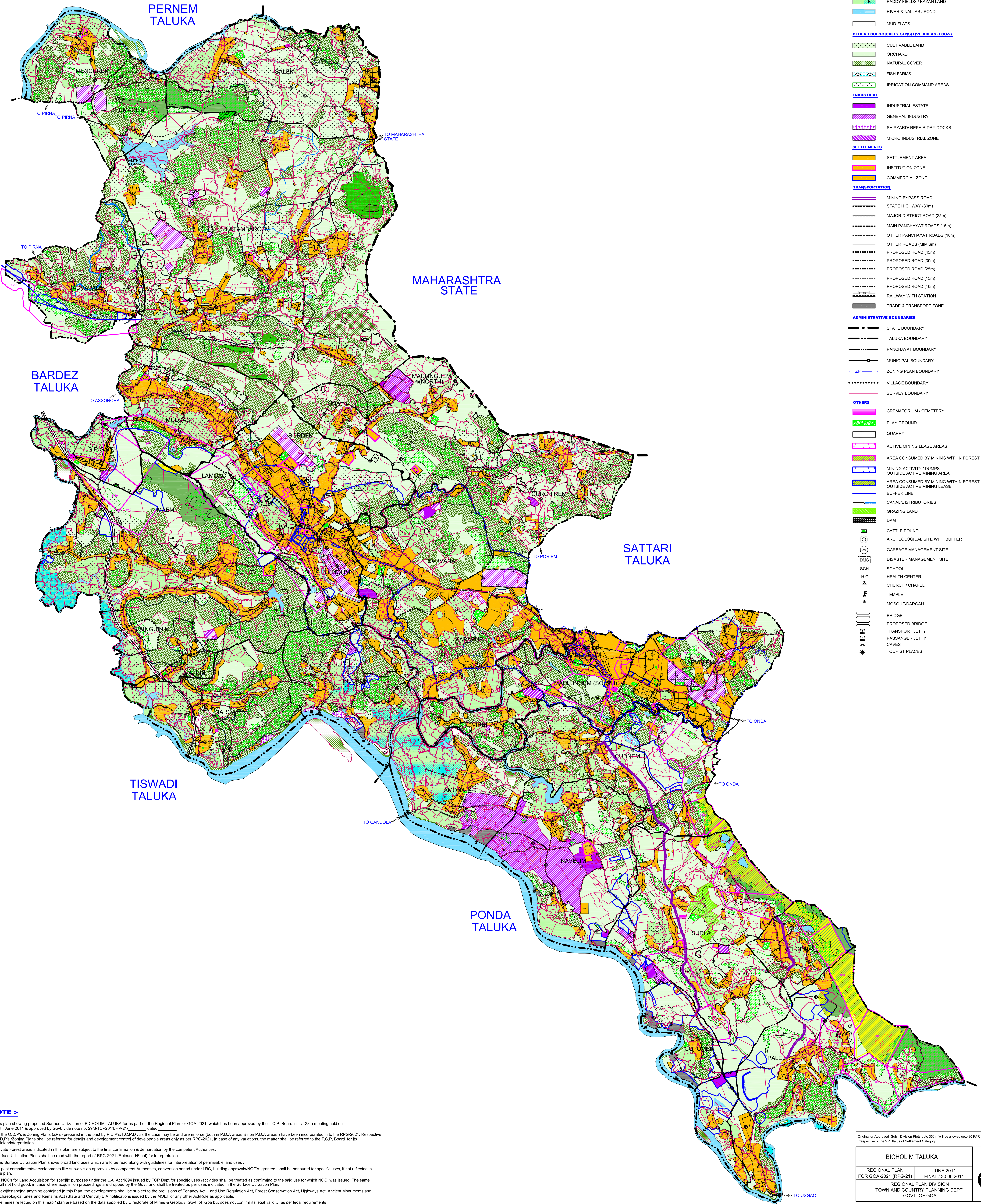
SCALE-1:25000

APPENDIX XV

Bicholim Surface Utilisation Plan



REGIONAL PLAN FOR GOA-2021
BICHOLIM TALUKA
SCALE 1:25,000



- LAND USES**
- ECOLOGICALLY SENSITIVE AREAS (ECO-1)**
- PROTECTED/RESERVED FORESTS
 - MANGROVE
 - NO DEVELOPMENT SLOPES
 - PADDY FIELDS / KAZAN LAND
 - RIVER & NALLAS / POND
 - MUD FLATS
- OTHER ECOLOGICALLY SENSITIVE AREAS (ECO-2)**
- CULTIVABLE LAND
 - ORCHARD
 - NATURAL COVER
 - FISH FARMS
 - IRRIGATION COMMAND AREAS
- INDUSTRIAL**
- INDUSTRIAL ESTATE
 - GENERAL INDUSTRY
 - SHIPYARD/ REPAIR DRY DOCKS
 - MICRO INDUSTRIAL ZONE
- SETTLEMENTS**
- SETTLEMENT AREA
 - INSTITUTION ZONE
 - COMMERCIAL ZONE
- TRANSPORTATION**
- MINING BYPASS ROAD
 - STATE HIGHWAY (30m)
 - MAJOR DISTRICT ROAD (25m)
 - MAIN PANCHAYAT ROADS (15m)
 - OTHER PANCHAYAT ROADS (10m)
 - OTHER ROADS (MM 6m)
 - PROPOSED ROAD (45m)
 - PROPOSED ROAD (30m)
 - PROPOSED ROAD (25m)
 - PROPOSED ROAD (15m)
 - PROPOSED ROAD (10m)
 - RAILWAY WITH STATION
 - TRADE & TRANSPORT ZONE
- ADMINISTRATIVE BOUNDARIES**
- STATE BOUNDARY
 - TALUKA BOUNDARY
 - PANCHAYAT BOUNDARY
 - MUNICIPAL BOUNDARY
 - ZP
 - VILLAGE BOUNDARY
 - SURVEY BOUNDARY
- OTHERS**
- CREMATORIUM / CEMETERY
 - PLAY GROUND
 - QUARRY
 - ACTIVE MINING LEASE AREAS
 - AREA CONSUMED BY MINING WITHIN FOREST
 - MINING ACTIVITY / DUMPS OUTSIDE ACTIVE MINING AREA
 - AREA CONSUMED BY MINING WITHIN FOREST OUTSIDE ACTIVE MINING LEASE
 - BUFFER LINE
 - CANAL/DISTRIBUTORIES
 - GRAZING LAND
 - DAM
 - CATTLE POUND
 - ARCHEOLOGICAL SITE WITH BUFFER
 - GARBAGE MANAGEMENT SITE
 - DISASTER MANAGEMENT SITE
 - SCH
 - H.C
 - CHURCH / CHAPEL
 - TEMPLE
 - MOSQUE/DARGAH
 - BRIDGE
 - PROPOSED BRIDGE
 - TRANSPORT JETTY
 - PASSANGER JETTY
 - CAVES
 - TOURIST PLACES

NOTE :-

- This plan showing proposed Surface Utilization of BICHOLIM TALUKA forms part of the Regional Plan for GOA 2021 which has been approved by the T.C.P. Board in its 138th meeting held on 30th June 2011 & approved by Govt. vide note no. 29/8/TCP/2011/RP-21/, dated _____.
- All the O.D.P.s & Zoning Plans (ZPs) prepared in the past by P.D.A./T.C.P.D., as the case may be and are in force (both in P.D.A areas & non P.D.A areas) have been incorporated in to the RPG-2021. Respective O.D.P.s (Zoning Plans) shall be referred for details and development control of developable areas only as per RPG-2021. In case of any variations, the matter shall be referred to the T.C.P. Board for its opinion/interpretation.
- Private Forest areas indicated in this plan are subject to the final confirmation & demarcation by the competent Authorities.
- Surface Utilization Plans shall be read with the report of RPG-2021 (Release I/Final) for interpretation.
- This Surface Utilization Plan shows broad land uses which are to be read along with guidelines for interpretation of permissible land uses .
- All past commitments/developments like sub-division approvals by competent Authorities, conversion sanad under LRC, building approvals/NOC's granted, shall be honoured for specific uses, if not reflected in this plan.
- All NOCs for Land Acquisition for specific purposes under the L.A. Act 1894 issued by TCP Dept for specific uses (activities) shall be treated as confirming to the said use for which NOC was issued. The same shall not hold good, in case where acquisition proceedings are dropped by the Govt. and shall be treated as per uses indicated in the Surface Utilization Plan.
- Notwithstanding anything contained in this Plan, the developments shall be subject to the provisions of Tenancy Act, Land Use Regulation Act, Forest Conservation Act, Highways Act, Ancient Monuments and Archaeological Sites and Remains Act (State and Central) EIA notifications issued by the MOEF or any other Act/Rule as applicable.
- The mines reflected on this map / plan are based on the data supplied by Directorate of Mines & Geology, Govt. of Goa but does not confirm its legal validity as per legal requirements .

Original or Approved Sub- Division Plans upto 150 m² shall be allowed upto 80 FAR irrespective of the VP Status of Settlement Category.

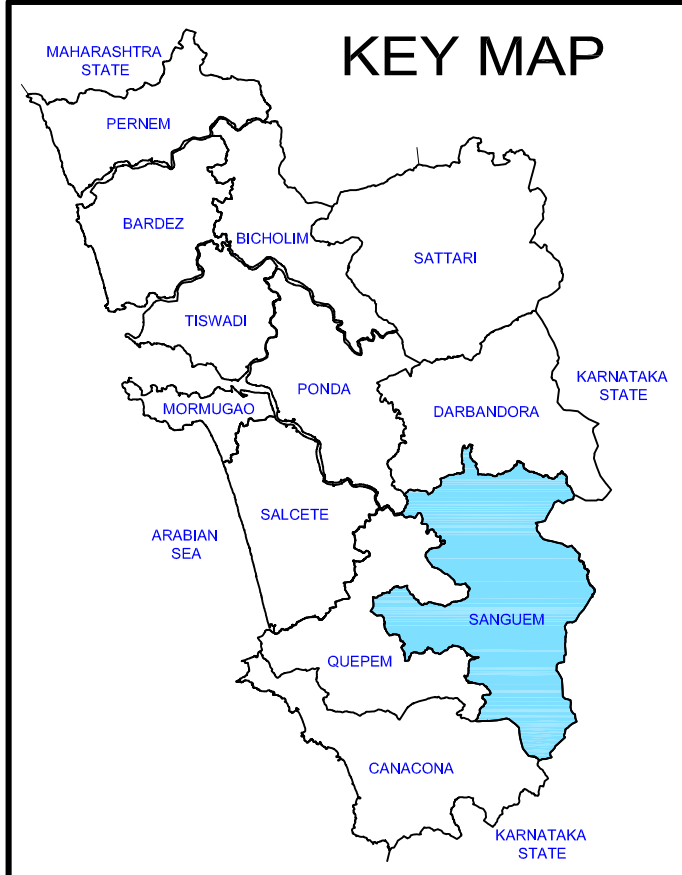
BICHOLIM TALUKA	
REGIONAL PLAN FOR GOA-2021 (RPG-21)	JUNE 2011 FINAL / 30.06.2011
REGIONAL PLAN DIVISION TOWN AND COUNTRY PLANNING DEPT. GOVT. OF GOA	

0.75 0.5 0 1 2Kms

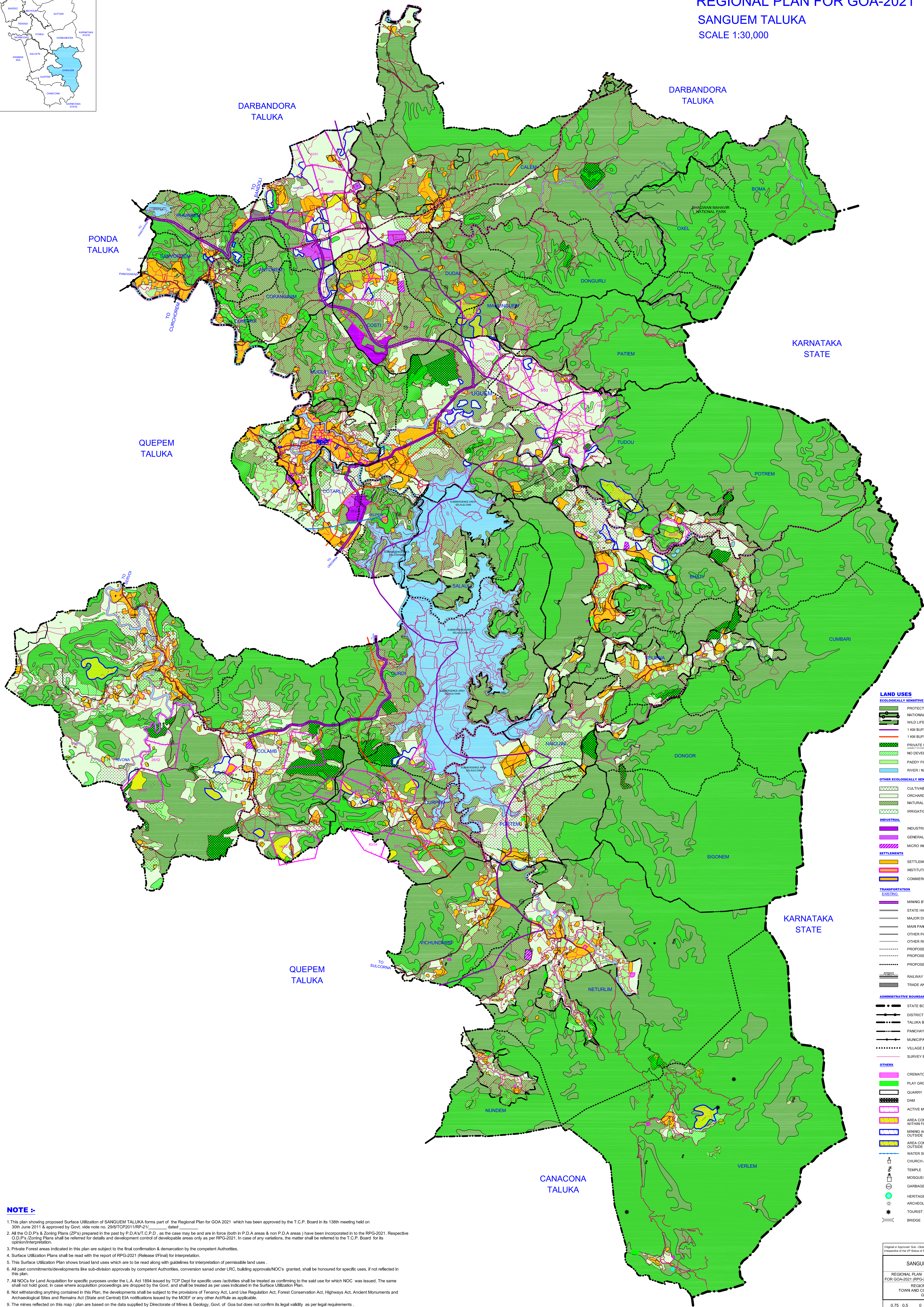
N

APPENDIX XVI

Sanguem Surface Utilisation Plan



REGIONAL PLAN FOR GOA-2021
SANGUEM TALUKA
SCALE 1:30,000



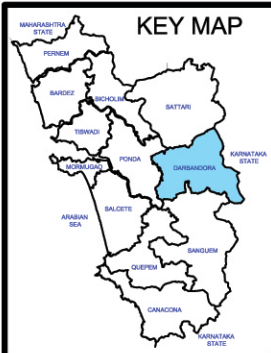
- LAND USES**
- ECOLOGICALLY SENSITIVE AREAS (ECO-1)**
- PROTECTED/RESERVED FORESTS
 - NATIONAL PARK
 - WILD LIFE SANCTUARY
 - 1 KM BUFFER (WL)
 - 1 KM BUFFER (SELAULIM DAM)
 - PRIVATE FORESTS
 - NO DEVELOPMENT SLOPES
 - PADDY FIELDS
 - RIVER / NALLAS / POND
- OTHER ECOLOGICALLY SENSITIVE AREAS (ECO-2)**
- CULTIVABLE LAND
 - ORCHARD
 - NATURAL COVER
 - IRRIGATION COMMAND AREAS
- INDUSTRIAL**
- INDUSTRIAL ESTATE
 - GENERAL INDUSTRY
 - MICRO INDUSTRIAL ZONE
- SETTLEMENTS**
- SETTLEMENT AREA
 - INSTITUTION ZONE
 - COMMERCIAL
- TRANSPORTATION**
- EXISTING**
- MINING BYPASS ROAD (45m)
 - STATE HIGHWAY (30m)
 - MAJOR DISTRICT ROAD (25m)
 - MAIN PANCHAYAT ROADS (15m)
 - OTHER PANCHAYAT ROADS (10m)
 - OTHER ROADS
 - PROPOSED ROADS (15m)
 - PROPOSED ROADS (10m)
 - PROPOSED ROADS (30m)
 - RAILWAY WITH STATION
 - TRADE AND TRANSPORT
- ADMINISTRATIVE BOUNDARIES**
- STATE BOUNDARY
 - DISTRICT BOUNDARY
 - TALUKA BOUNDARY
 - PANCHAYAT BOUNDARY
 - MUNICIPAL BOUNDARY
 - VILLAGE BOUNDARY
 - SURVEY BOUNDARY
- OTHERS**
- CREMATORIUM / CEMETERY
 - PLAY GROUND
 - QUARRY
 - DAM
 - ACTIVE MINING LEASE
 - AREA CONSUMED BY MINING WITHIN FOREST
 - MINING ACTIVITY / DUMPS OUTSIDE ACTIVE MINING LEASE
 - AREA CONSUMED BY MINING WITHIN FOREST OUTSIDE ACTIVE MINING LEASE
 - WATER SUPPLY PIPELINE
 - CHURCH / CHAPEL
 - TEMPLE
 - MOSQUE/DARGAH
 - GARBAGE MANAGEMENT SITE
 - HERITAGE SITE
 - ARCHAEOLOGICAL SITE WITH BUFFER
 - TOURIST PLACES
 - BRIDGE

NOTE :-

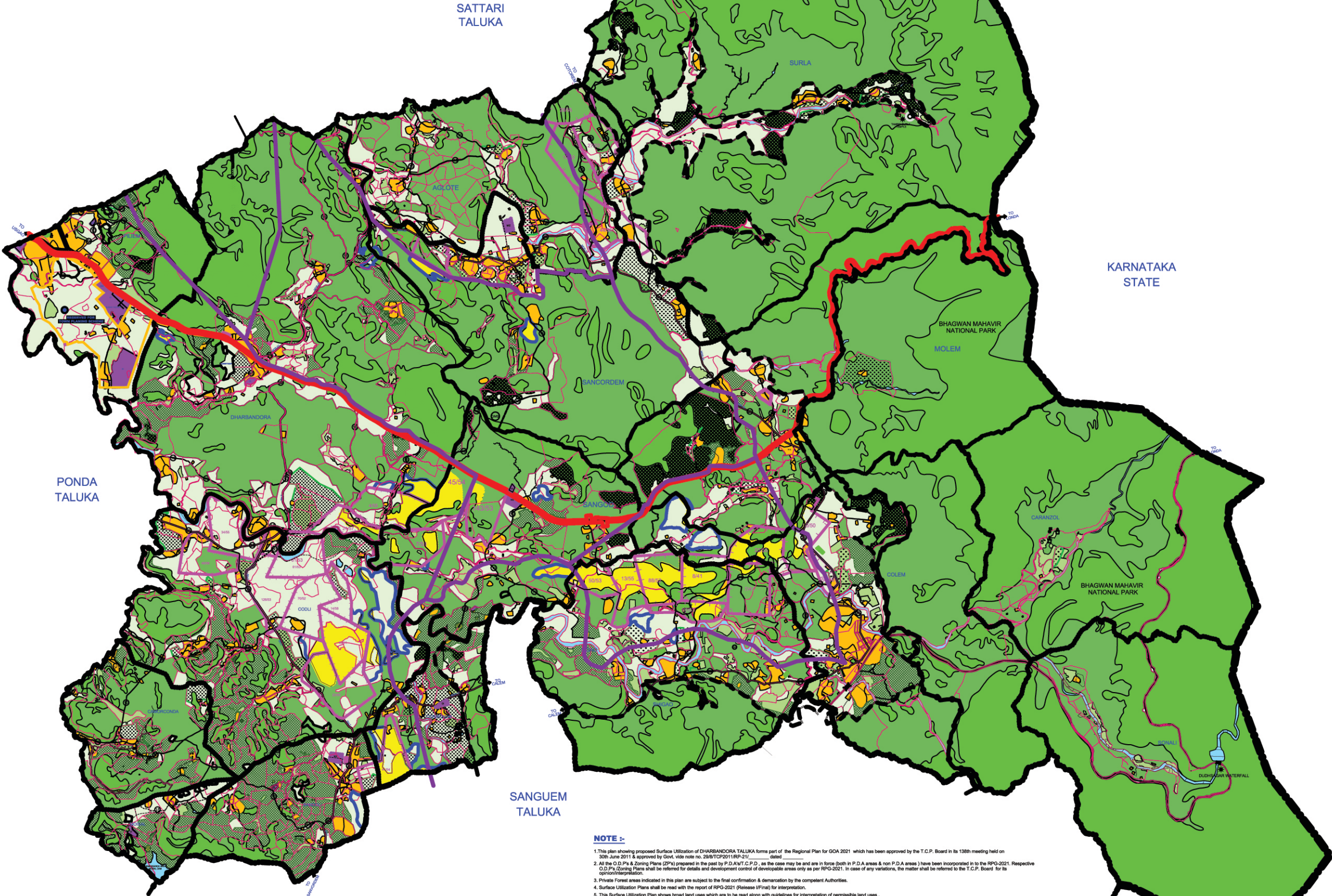
- This plan showing proposed Surface Utilization of SANGUEM TALUKA forms part of the Regional Plan for GOA 2021 which has been approved by the T.C.P. Board in its 138th meeting held on 30th June 2011 & approved by Govt. vide note no. 29/8/TCP/2011/RP-21/ dated _____.
- All the O.D.P.s & Zoning Plans (ZPs) prepared in the past by P.D.A's/T.C.P.D. as the case may be and are in force (both in P.D.A areas & non P.D.A areas) have been incorporated in to the RP-2021. Respective O.D.P.s/Zoning Plans shall be referred for details and development control of developable areas only as per RP-2021. In case of any variations, the matter shall be referred to the T.C.P. Board for its opinion/interpretation.
- Private Forest areas indicated in this plan are subject to the final confirmation & demarcation by the competent Authorities.
- Surface Utilization Plans shall be read with the report of RP-2021 (Release I/Final) for interpretation.
- This Surface Utilization Plan shows broad land uses which are to be read along with guidelines for interpretation of permissible land uses.
- All past commitments/developments like sub-division approvals by competent Authorities, conversion sanad under LRC, building approvals/NOC's granted, shall be honoured for specific uses, if not reflected in this plan.
- All NOCs for Land Acquisition for specific purposes under the L.A. Act 1894 issued by TCP Dept for specific uses /activities shall be treated as confirming to the said use for which NOC was issued. The same shall not hold good. In case where acquisition proceedings are dropped by the Govt. and shall be treated as per uses indicated in the Surface Utilization Plan.
- Notwithstanding anything contained in this Plan, the developments shall be subject to the provisions of Tenancy Act, Land Use Regulation Act, Forest Conservation Act, Highways Act, Ancient Monuments and Archaeological Sites and Remains Act (State and Central) EIA notifications issued by the MOEF or any other Act/Rule as applicable.
- The mines reflected on this map / plan are based on the data supplied by Directorate of Mines & Geology, Govt. of Goa but does not confirm its legal validity as per legal requirements.

APPENDIX XVII

Dharbandora Surface Utilisation Plan



REGIONAL PLAN FOR GOA-2021
DHARBANDORA TALUKA
SCALE 1:25000



- LAND USES**
- ECOLOGICALLY SENSITIVE AREAS (ECO-1)**
- PROTECTED/RESERVED FORESTS
 - NATIONAL PARK
 - WILD LIFE SANCTUARY
 - 1 KM BUFFER (WL)
 - PRIVATE FORESTS
 - NO DEVELOPMENT SLOPES
 - PADDY FIELDS
 - RIVER / NALLAS
- OTHER ECOLOGICALLY SENSITIVE AREAS (ECO-2)**
- CULTIVABLE LAND
 - ORCHARD
 - NATURAL COVER
 - IRRIGATION COMMAND AREAS
- INDUSTRIAL**
- GENERAL INDUSTRY
 - MICRO INDUSTRIAL ZONE
- SETTLEMENTS**
- SETTLEMENT AREA
 - INSTITUTION ZONE
- TRANSPORTATION**
- EXISTING**
- NATIONAL HIGHWAY PWD ALIGNMENT
 - NATIONAL HIGHWAY 4A (45m)
 - STATE HIGHWAY (30m)
 - MAJOR DISTRICT ROAD (25m)
 - MAIN PANCHAYAT ROADS (15m)
 - OTHER PANCHAYAT ROADS (10m)
 - OTHER ROADS
 - PROPOSED ROAD (30m)
 - PROPOSED ROAD (15m)
 - PROPOSED ROAD (10m)
 - RAILWAY WITH STATION
- ADMINISTRATIVE BOUNDARIES**
- STATE BOUNDARY
 - DISTRICT BOUNDARY
 - TALUKA BOUNDARY
 - PANCHAYAT BOUNDARY
 - VILLAGE BOUNDARY
 - SURVEY BOUNDARY
- OTHERS**
- CREMATORIUM / CEMETERY
 - PLAY GROUND
 - QUARRY
 - ACTIVE MINING LEASE
 - AREA CONSUMED BY MINING WITHIN FOREST
 - MINING ACTIVITY / DUMPS OUTSIDE ACTIVE MINING LEASE
 - AREA CONSUMED BY MINING WITHIN FOREST OUTSIDE ACTIVE MINING LEASE
 - CHURCH / CHAPEL
 - TEMPLE
 - MOSQUE/DARGAH
 - GARBAGE MANAGEMENT SITE
 - GROWTH HUB
 - ARCHEOLOGICAL SITE WITH BUFFER
 - TOURIST PLACES
 - BRIDGE
 - PROPOSED BRIDGE

NOTE :-

- This plan showing proposed Surface Utilization of DHARBANDORA TALUKA forms part of the Regional Plan for GOA 2021 which has been approved by the T.C.P. Board in its 138th meeting held on 30th June 2011 & approved by Govt. vide note no. 298/TCP2011/RP-21/ dated _____.
- All the O.D.P.s & Zoning Plans (ZPs) prepared in the past by P.D.A./T.C.P.D., as the case may be and are in force (both in P.D.A areas & non P.D.A areas) have been incorporated in to the RP-G-2021. Respective O.D.P.s/Zoning Plans shall be referred for details and development control of developable areas only as per RP-G-2021. In case of any variations, the matter shall be referred to the T.C.P. Board for its opinion/interpretation.
- Private Forest areas indicated in this plan are subject to the final confirmation & demarcation by the competent Authorities.
- Surface Utilization Plans shall be read with the report of RP-G-2021 (Release (V)Final) for interpretation.
- This Surface Utilization Plan shows broad land uses which are to be read along with guidelines for interpretation of permissible land uses.
- All past commitments/developments like sub-division approvals by competent Authorities, conversion sanad under LRC, building approvals/NOCs granted, shall be honoured for specific uses, if not reflected in this plan.
- All NOCs for Land Acquisition for specific purposes under the L.A. Act 1894 issued by TCP Dept for specific uses/activities shall be treated as confirming to the said use for which NOC was issued. The same shall not hold good, in case where acquisition proceedings are dropped by the Govt. and shall be treated as per uses indicated in the Surface Utilization Plan.
- Notwithstanding anything contained in this Plan, the developments shall be subject to the provisions of Tenancy Act, Land Use Regulation Act, Forest Conservation Act, Highways Act, Ancient Monuments and Archaeological Sites and Remains Act (State and Central) (IA notifications issued by the MOEF or any other Act/Rule as applicable).
- The mines reflected on this map / plan are based on the data supplied by Directorate of Mines & Geology, Govt. of Goa but does not confirm its legal validity as per legal requirements.

Original or Approved Sub- Division Photo sets 300 m² will be allowed upto 80 FSR irrespective of the VP Status of Settlement Category.

DHARBANDORA TALUKA	
REGIONAL PLAN FOR GOA-2021 (RP-G-21)	JUNE 2011 FINAL / 30.06.2011
REGIONAL PLAN DIVISION	
TOWN AND COUNTRY PLANNING DEPT. GOVT. OF GOA	

0.75 0.5 0 1 2Kms

N

APPENDIX XVIII

Taluka-wise Scheduled Tribe Population in Goa

APPENDIX XVIII: TALUKA-WISE SCHEDULED TRIBE POPULATION IN GOA

1. Taluka:- Sanguem

Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
VILLAGES HAVING POPULATION 50% or MORE AS PER SURVEY 2003				
1.	Dhrbandora	3093	1913	61.85
2.	Maulinguem	231	208	90.04
3.	Muguli	509	312	61.30
4.	Cumbari	224	153	68.30
5.	Viliena	538	275	51.12
6.	Dongor	37	24	64.86
7.	Porteem	2226	1219	54.76
8.	Nundem	503	503	100
9.	Verlem	820	535	65.24
VILLAGES HAVING POPULATION BETWEEN 30% AND 49%				
1.	Cormonem	776	300	39.16
2.	Codli	3684	1457	39.55
3.	Potrem	157	69	43.95
4.	Naiquinim	230	105	45.65
5.	Colomba	1920	869	45.26
6.	Vichundrem	744	359	48.25
7.	Netorlim	1741	836	48.02
8.	Camarconda	776	269	34.66
9.	Bandoli	1268	454	35.80
10.	Dudal	519	157	30.25
11.	Curpem	755	272	36.03

2. Taluka:- Canacona

VILLAGES HAVING POPULATION 50% or MORE

Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
VILLAGES HAVING POPULATION 50% or MORE AS PER SURVEY 2003				
1.	Cola	5009	2758	55.06
2.	Canacona	4208	2169	51.54
3.	Gaondongrim	4839	4170	86.17
4.	Cotigao	3075	2271	73.85

3. Taluka:- SALCETE

VILLAGES HAVING POPULATION BETWEEN 50%				
Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
1.	Quelosim	2556	1976	77.31
2.	Cuelim	1672	922	55.14
3.	Rachol	1712	1222	71.38
4.	Paroda	938	778	82.94
VILLAGES HAVING POPULATION BETWEEN 30% AND 49%				
1.	Verna	6000	2511	41.85
2.	Loutolim	5644	2213	39.21
3.	Cortalim	6970	2270	32.57
4.	Nuvm	8162	3760	46.07
5.	Raia	8837	3233	36.58
6.	Dicarpale	1964	744	37.88
7.	Velim	6215	2362	38.00
8.	Ambelim	2893	961	33.22

4. Taluka:- QUEPEM

Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
1.	Molcopona	423	395	93.58
2.	Naquerim	764		100
3.	Morpiria	2511	2273	90.52
4.	Tiloi	521	339	65.07
5.	Bendordem	575	571	99.30
6.	Cavorem	777	699	89.96
7.	Padi	463		100
8.	Quedem	379		100
9.	Barcem	2079	1628	78.31
10.	Gocoldem	471		100
11.	Quisconda	440	438	99.55
12.	Cazur	462		100
13.	Mangall	313	251	80.19
VILLAGES HAVING POPULATION BETWEEN 30% AND 49%				
1.	Assolda	1668	572	34.29
2.	Cotombi	1196	424	35.45
3.	Avedem	1639	803	48.99
4.	Sirvoi	785	380	48.41
5.	Nagvem	783	381	48.66
6.	Undorna	208	103	49.52
7.	Molcornem	1529	573	37.48
8.	Fatorpa	2232	845	37.86
9.	Corla	184	82	44.57

5. Taluka:- PONDA

Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
1.	Betqui	1546	949	57.65
2.	Querim	3465	2016	58.18
VILLAGES HAVING POPULATION BETWEEN 30% AND 49%				
1.	Cucoliem	1463	720	49.21
2.	Khandepar	3446	1565	45.41
3.	Priol	7576	3047	40.22
4.	Velinga	1930	724	37.51
5.	Marcaim	6208	2393	38.55
6.	Vadi	493	196	39.76
7.	Betora	3326	1257	37.79
8.	Adcolna	1477	448	30.33
9.	Boma	2745	829	30.20

6. Taluka:- SATTARI

Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
1.	Pissurlem	1910	1359	71.15
2.	Guleli	447		100
3.	Bhirondem	407	265	65.11
VILLAGES HAVING POPULATION BETWEEN 30% AND 49%				
1.	Vante	1462	704	48.15
2.	Padeli	564	263	46.63

7. Taluka:- MORMUGAO

Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
1.	Quelossim	2556	1976	77.31
2.	Cuelim	1672	922	55.14
3.				
VILLAGES HAVING POPULATION BETWEEN 30% AND 49%				
1.	Cortalim	6970	2270	32.57
2.	Chincholna	1903	463	24.33

8. Taluka:- Bicholim

Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
1.				
2.				
3.				
VILLAGES HAVING POPULATION BETWEEN 30% AND 49%				
1.	Cudnem	3243	287	36.51
2.	Surla	4943	1362	27.55

9.Taluka:- BARDEZ

Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
1.				
2.				
3.				
VILLAGES HAVING POPULATION BETWEEN 30% AND 49%				
1.				
2.				

10.Taluka:-PERNEM

Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
1.				
2.				
3.				
VILLAGES HAVING POPULATION BETWEEN 30% AND 49%				
1.				
2.				

11. Taluka: - TISWADI

Sr. No.	Name of the Village	Total population of the Village	ST Population	Percentage of ST Persons.
1.	Carambolim	4948	2815	56.89
2.	Curca	2106	1169	55.51
3.	Renovadi (MCI) Wd. No. 19	591	340	57.53
VILLAGES HAVING POPULATION BETWEEN 30% AND 49%				
1.	Narora	452	159	35.18
2.	Talauli	705	325	46.10
3.	Siridao	2872	1333	46.41

APPENDIX XIX

Scheduled Tribes Population Clusters in Goa

APPENDIX XIX: Scheduled Tribes Population Clusters in Goa

Cluster	Name of the Village	Taluka	Population
1	Candepar	Ponda	1565
	Usgao	Ponda	2250
	Curti	Ponda	746
	Nirankal	Ponda	452
	Codar	Ponda	159
	Dharbandora	Sanguem	1913
	Codli	Sanguem	1457
			8542
2.	Cuncolim	Ponda	720
	Veling	Ponda	724
	Querim	Ponda	2016
	Priol	Ponda	3047
			6507
3.	Cundaim	Ponda	1016
	Bandora	Ponda	1759
	Marcaim	Ponda	2393
			5168
4.	Panchwadi	Ponda	898
	Shiroda	Ponda	3862
	Borim	Ponda	1532
	Betora	Ponda	1257
			7549
5.	Nuvem	Salcete	3760
	Loutolim	Salcete	2213
	Verna	Salcete	2511
			8484
6.	Rachol	Salcete	1222
	Curtorim	Salcete	2494
	Raia	Salcete	3233
			6949
7.	Davorlim	Salcete	1654
	Sao Jose De Areal	Salcete	2682
	Margao	Salcete	5558
	Aquem	Salcete	958
			10852
8.	Ambelim	Salcete	961
	Velim	Salcete	2362
	Chinchinim	Salcete	1096
	Cuncolim	Salcete	1103
			5522

Cluster	Name of the Village	Taluka	Population
9.	Portem	Sanguem	1219
	Colomba	Sanguem	869
	Sancordem	Sanguem	207
	Rivona	Sanguem	1044
	Vichundrem	Sanguem	359
	Verlem	Sanguem	535
	Neturlim	Sanguem	836
	Nundem	Sanguem	504
	Cola	Canacona	2758
			8331
10.	Cotigao	Canacona	2271
	Gaondongrim	Canacona	4170
	Canacona	Canacona	2214
			8655

APPENDIX XX & XXI

Railway Mining Link

