

## **Additional Documents Attaching**

- 1. Fee Challan**
- 2. Form 1M**
- 3. Form 1**
- 4. CER Proposal**
- 5. Hazard Zonation Map**
- 6. Biodiversity Report**
- 7. Nearest Wildlife Sanctuary**
- 8. District Survey Report**
- 9. Possession Certificate**
- 10. Demarcation & Non-assignment Certificate**
- 11. Project Cost Details**
- 12. Cluster Certificate**
- 13. Village Sketch**
- 14. Tree Cutting Details**

കേരള സർക്കാർ

അസ്സൽ

ചലാൻ

ഫാറം നമ്പർ: 12

[ചട്ടം 102 (സി), 124 എന്നിവ കാണുക]

ജില്ല (S-ഷറി/സബ്-ട്രഷറി/അക്വയർഡ് സ്റ്റോക്ക്

മന്ത്രിയുടെ (സബം)-ൽ പണം ഒടുക്കുന്നതിനുള്ള ചലാൻ

കമ്പ്യൂട്ടർ ക്രമനമ്പർ: തീയതി: 28 2021

ശീർഷകം: 1425 00 501 99

മാറ്റം സബ് റെന്തർ സബ് ഡിവിഡൻഡ് റെന്തർ സബ് റെന്തർ

ഡി.ഡി.ഒ. കോഡ് (വകുപ്പ്): ഡി.ഡി.ഒ.

എസ്.ഡി.ഒ. കോഡ്:

| പണമൊടുക്കുന്ന ആളിന്റെ പേരും അതിന്റെ വിലാസവും                                  | പണമൊടുക്കുന്നതിന്റെ ഉദ്ദേശ്യവും അതിന്റെ വിവരവും           | തുക രൂപയിൽ      | ബാങ്കിനുള്ള ഉത്തരവി                           |
|---|---|-----------------|---|
| <p>① Ummur bin Muzayoor Ibrahim P.O. I.T.O</p>                                | <p>State Environment Impaired Assessment P.H.O.T. Htg</p> | <p>100000/-</p> | <p>(ശരി)</p> <p>പണം സമീകരിച്ച കസീത് നൽകുക</p> |
| <p>പണം ഒടുക്കുന്നതിൽ മേലൊപ്പ് വരുന്ന വകുപ്പുകൾ/സംസ്ഥാനങ്ങളുടെ ഉദ്ദേശ്യവും</p> | <p>ആകെ</p>  | <p>100000/-</p> | <p>(ട്രഷറി ഓഫീസർ)</p>                         |

അക്കൗണ്ടുകളുടെ അക്കൗണ്ടുകളിൽ: Ome Lakes Resony

ഒടുക്കുന്നയാളിന്റെ ഒപ്പ്:

തുക: 100000/- രൂപ മാത്രം നൽകിയിട്ടുണ്ട്.

തീയതി: (മുദ്ര)

ട്രഷറി/ക്യാഷ്യർ ഒപ്പ്: (ട്രഷറി ഓഫീസർ/ബാങ്ക് മാനേജർ)

- 1. പണം സമീകരിച്ചിട്ടുള്ള (ട്രഷറി)യുടെയോ ബാങ്കിന്റെയോ മുദ്ര പതിപ്പിടിക്കണം.
- 2. ഔദ്യോഗിക നിലയിൽ ഉള്ള ഒപ്പ് മേലൊപ്പുകളിൽ നിർദ്ദേശിച്ചിരിക്കുന്ന കോളത്തിൽ എസ്.ഡി.ഒ. ഡി.ഡി.ഒ. കോഡ് രേഖപ്പെടുത്തണം.
- 3. എസ്.ഡി.ഒ.-മാരുടെ നായക നിർദ്ദേശവാരണത്തിൽ ഉദ്ദേശ്യ കോളത്തിൽ അവനകളുടെ എണ്ണം രേഖപ്പെടുത്തണം.

16606953152202122M

APPENDIX VIII

(See paragraph 6)

**FORM 1 M**

APPLICATION FOR MINING OF MINERALS UNDER  
CATEGORY 'B2' FOR LESS THAN AND EQUAL TO  
FIVE HECTARES.

**1. Basic Information**

| <b>I</b>        | <b>Name of the Mining Lease Site</b>   | <b>“Granite Building Stone Quarry of M/s Morayoor Granites Pvt Ltd”</b>  |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
|-----------------|--|--|-----------------|----------|-----------|------|---------------|--------------|------|---------------|--------------|------|---------------|--------------|------|---------------|--------------|------|---------------|--------------|------|---------------|--------------|------|---------------|--------------|-----|---------------|--------------|-----|---------------|--------------|------|---------------|--------------|------|---------------|--------------|------|---------------|--------------|
| <b>II</b>       | <b>Location/Site (GPS Co-ordinate)</b> | <p><b>Re Survey No. 152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4, Re Survey Block No. 56 Morayur Village, Kondotty Taluk, Malappuram District, Kerala State</b></p> <table border="1"> <thead> <tr> <th align="center">Boundary Pillar</th> <th align="center">Latitude</th> <th align="center">Longitude</th> </tr> </thead> <tbody> <tr><td align="center">BP 1</td><td align="center">11°06'40.96"N</td><td align="center">76°0'40.59"E</td></tr> <tr><td align="center">BP 2</td><td align="center">11°06'38.08"N</td><td align="center">76°0'43.68"E</td></tr> <tr><td align="center">BP 3</td><td align="center">11°06'36.72"N</td><td align="center">76°0'42.02"E</td></tr> <tr><td align="center">BP 4</td><td align="center">11°06'34.96"N</td><td align="center">76°0'43.90"E</td></tr> <tr><td align="center">BP 5</td><td align="center">11°06'34.43"N</td><td align="center">76°0'42.91"E</td></tr> <tr><td align="center">BP 6</td><td align="center">11°06'32.91"N</td><td align="center">76°0'42.82"E</td></tr> <tr><td align="center">BP 7</td><td align="center">11°06'25.96"N</td><td align="center">76°0'43.75"E</td></tr> <tr><td align="center">BP8</td><td align="center">11°06'25.44"N</td><td align="center">76°0'40.63"E</td></tr> <tr><td align="center">BP9</td><td align="center">11°06'31.07"N</td><td align="center">76°0'39.87"E</td></tr> <tr><td align="center">BP10</td><td align="center">11°06'33.28"N</td><td align="center">76°0'38.30"E</td></tr> <tr><td align="center">BP11</td><td align="center">11°06'34.63"N</td><td align="center">76°0'36.26"E</td></tr> <tr><td align="center">BP12</td><td align="center">11°06'35.75"N</td><td align="center">76°0'37.59"E</td></tr> </tbody> </table> | Boundary Pillar | Latitude | Longitude | BP 1 | 11°06'40.96"N | 76°0'40.59"E | BP 2 | 11°06'38.08"N | 76°0'43.68"E | BP 3 | 11°06'36.72"N | 76°0'42.02"E | BP 4 | 11°06'34.96"N | 76°0'43.90"E | BP 5 | 11°06'34.43"N | 76°0'42.91"E | BP 6 | 11°06'32.91"N | 76°0'42.82"E | BP 7 | 11°06'25.96"N | 76°0'43.75"E | BP8 | 11°06'25.44"N | 76°0'40.63"E | BP9 | 11°06'31.07"N | 76°0'39.87"E | BP10 | 11°06'33.28"N | 76°0'38.30"E | BP11 | 11°06'34.63"N | 76°0'36.26"E | BP12 | 11°06'35.75"N | 76°0'37.59"E |
| Boundary Pillar | Latitude                               | Longitude  |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP 1            | 11°06'40.96"N                          | 76°0'40.59"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP 2            | 11°06'38.08"N                          | 76°0'43.68"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP 3            | 11°06'36.72"N                          | 76°0'42.02"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP 4            | 11°06'34.96"N                          | 76°0'43.90"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP 5            | 11°06'34.43"N                          | 76°0'42.91"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP 6            | 11°06'32.91"N                          | 76°0'42.82"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP 7            | 11°06'25.96"N                          | 76°0'43.75"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP8             | 11°06'25.44"N                          | 76°0'40.63"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP9             | 11°06'31.07"N                          | 76°0'39.87"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP10            | 11°06'33.28"N                          | 76°0'38.30"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP11            | 11°06'34.63"N                          | 76°0'36.26"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| BP12            | 11°06'35.75"N                          | 76°0'37.59"E   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| <b>III</b>      | <b>Size of the Mining Lease</b>        | <b>4.9797 hectares</b>   |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| <b>IV</b>       | <b>Capacity of Mining Lease</b>        | <b>1576694 MT</b>  |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| <b>V</b>        | <b>Period of Mining Lease</b>          | <b>10 years</b>  |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |
| <b>VI</b>       | <b>Expected Cost of Project</b>        | <b>Rs. 3.5 Crores</b>  |                 |          |           |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |      |               |              |     |               |              |     |               |              |      |               |              |      |               |              |      |               |              |

|            |                            |                 |   |
|------------|----------------------------|-----------------|---|
| <b>VII</b> | <b>Contact Information</b> | <b>Name</b>     | <b>Ummer Kutty K,</b>   |
|            |                            | <b>Address</b>  | <b>Ummer Kutty K,<br/>Director of Morayoor Granites<br/>Pvt Ltd Mucheth House, Elambra<br/>Nellikuzhy, Ernakulam-686691</b> |
|            |                            | <b>Mob</b>      | <b>8089085335</b>   |
|            |                            | <b>Email ID</b> | <b>morayoorec01@gmail.com</b>   |

## **2. Environment Sensitivity**

| <b>Sl.No.</b> | <b>Areas</b>   | <b>Distance (KM)</b>  |
|---------------|--|---|
| <b>1</b>      | Distance of project site from Rail, Road Bridge over the concerned River, Rivulet, Nallah etc.   | Kakkad Bridge-10.4 km-SW  |
| <b>2</b>      | Distance from infrastructural facilities   |   |
|               | Railway Line   | Vallikunnu railway station -17.5 km - W   |
|               | National Highway   | NH 966 (Kozhikode)-2km N  |
|               | State Highway  | SH 72 (Vengara)-5.3km-S   |
|               | Major District Road  | Arimbramala Road -0.570 km-S  |
|               | Other Road   | Arimbra Village Road-460m-E   |
|               | Electrical Transmission Line or Pole   | Arimbra -958m-E   |
|               | Canal/Check Dam/Reservoirs/Lake/Pond   | Chamakayam Dam, Panakkad-7.76km- S<br>Cholakkad Mini Dam – 9.81km – E<br>Kunnath Dam – 10.3km - W                                   |
|               | In-take for drinking water/pump house  | Kadalundy (Karathode) -5.8-S  |
|               | In-take for Irrigation canal pumps   | Karathode - 5.8km-S   |
| <b>3</b>      | Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or others related value.  | None within 1KM from project site   |
| <b>4</b>      | Areas which are important or sensitive for ecological reasons – Wetlands, watercourses or other water bodies, coastal zone, biospheres, mountains. | Vellarimala Reserve Forest Range – 17km – NE<br>Amarambalam Wildlife Sanctuary – 38km – NE<br>Silent Valley National Park -37km - E |



|    |   |   |
|----|---|---|
| 5  | Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, over Wintering, migration   | None within 1KM from project site   |
| 6  | Inland, coastal, marine or underground Waters   | Chamakayam Dam, Panakkad-7.76km- S<br>Cholakkad Mini Dam – 9.81km – E<br>Kunnath Dam – 10.3km – W<br>Kadalundy (Karathode) -5.8-S   |
| 7  | State, National boundaries  | None within the study area<br>Kerala-Tamilnadu Border-47.5km-E  |
| 8  | Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas  | NH 966 (Kozhikode)-2km N<br>SH 72 (Vengara)-5.3km-S   |
| 9  | Defense installations   | None within 1KM from project site   |
| 10 | Densely populated or built-up area, distance from nearest human habitation  | Arimbra-0.5 km-E<br>Nearest human habitation-210.3m-NE  |
| 11 | Areas occupied by sensitive man-made land uses (Hospitals, schools, places of worship, community facilities)  | <b>Hospital:</b> - Kunnumpuram Govt Hospital -6.7 km-SW<br><b>Airport:</b> - Calicut International Airport-7.2 km-NW<br><b>School:</b> - GVHSS Arimbra -1.0km-NE<br><b>Church:</b> - The Christ King Church, naduvakkad -2.2km-S<br><b>Mosque:</b> - Manangatta Juma Masjid-0.630 km-NE<br><b>Temple:</b> - Sri Malamuthappan Bagavathy Subryamanya Kshetram - 0.290km-SW |
| 12 | Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)   | Vellarimala Reserve Forest Range – 17km – NE<br>Amarambalam Wildlife Sanctuary – 38km – NE<br>Silent Valley National Park -37km -E  |
| 13 | Areas already subjected to pollution or environmental damage, (those where existing legal environmental standards are exceeded)   | No  |
| 14 | Areas susceptible to natural hazard which Could cause the project to present environmental problems (earthquake, subsidence, landslides, erosion, flooding, or extreme or adverse climate conditions) is proposed mining site located over or near fissure/fracture for ground water recharge | No  |

|    |  |                         |
|----|--|-------------------------|
|    | Whether the proposed involves approval or clearance under the following Regulations or Acts namely: -                  |                         |
| 15 | (i) The Forest (Conservation) Act, 1980;   | No                      |
|    | (ii) The wildlife (Protection) Act,1972;   | No                      |
|    | (iii) The Coastal Regulation Zone Notification, 2011   | No                      |
|    | If yes, details of the same and their status to be given.  |                         |
| 16 | Forest land involved (hectares)  | No forest land involved |
| 17 | Whether there is any litigation pending against the project and/or land in which The project is proposed to be set up? | No                      |
|    | (i) Name of the Court  |                         |
|    | (ii) Cash No.  |                         |
|    | (iii) Orders or directions of the court, if any and its relevance with the proposed project                            |                         |

“I hereby give undertaking that the data and information given in the application and enclosure are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance given, if any to the project will be revoked at our risk and cost.”

**Place: Malappuram**

**Date: 24/08/2021**

**RQP:**

**MAHESH. S**

TC31/580, Navadeepam,

S N Nager, Pettah (p.o),

Trivandrum – 695024

**Applicant: \_**

**Ummerkutty K**

Director

M/s Morayoor Granites Pvt Ltd

# FORM -1

| Basic Information |  |   |
|-------------------|--|---|
| S. No             | ITEM   | DETAILS   |
| 1.                | Name of the Project  | : <b>Granite Building Stone Quarry of M/s Morayoor Granites Pvt Ltd</b>   |
| 2.                | S. No. in the schedule   | : 1(A) As per O. M. No. L-11011/47/2011-IA.II (M) dated 18.05.2012.   |
| 3.                | Proposed capacity/ area/ length/tonnage to be handled /command area/ lease area /number of wells to be drilled | : Proposed Capacity : 157669.4 MTA<br>Area : 4.9797 Ha<br>Mineable reserve : <b>1576694 MT</b><br>Life of Mine : 10 years   |
| 4.                | New/ Expansion / Modernization   | : New Quarry Project  |
| 5.                | Existing capacity/ Area etc.   | : NA  |
| 6.                | Category of project i.e. 'A' or 'B'  | : B2  |
| 7.                | Does it attract the general condition? If yes, Please specify.   | : No  |
| 8.                | Does it attract the specific condition? If yes, Please specify.  | : No  |
| 9.                | Name of Applicant  | Mr. Ummerkutty K  |
| 10.               | Address of the applicant   | Mr. Ummerkutty K<br>Director of Morayoor granites Pvt Ltd<br>Mucheth House, Elambra<br>Nellikuzhy<br>Ernakulam-686691<br>Ph: <b>8089085335</b><br><b>Email: morayoorec01@gmail.com</b>                          |
| 11.               | Location   | : The geographical location of the mine with respect to the pillar boundary area is given below: -<br><b>Latitude (N): 11°06'25.44"N to 11°06'40.96"N</b><br><b>Longitude (E): 76°0'36.26"E to 76°0'43.68"E</b> |

|     |  |   |  |                                 |   |
|-----|--|---|--|---------------------------------|---|
|     | Survey No.   | : | Re Survey No. : 152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4  |                                 |   |
|     | Area   | : | Land status: Private consented land (4.9797Ha)   |                                 |   |
|     | Village  | : | Morayur  |                                 |   |
|     | Tehsil   | : | Kondotty   |                                 |   |
|     | District   | : | Malappuram   |                                 |   |
|     | State  | : | Kerala   |                                 |   |
| 12. | Nearest Railway station/ Airport along with distance in km.  | : |  |                                 |   |
|     |  |   | <b>Particulars</b>   | <b>Name</b>                     | <b>Distance from the lease boundary</b> |
|     |  |   | Railway Station  | Vallikunnu railway station      | 17.5 km - W                             |
|     |  |   | Airport  | Kozhikode International Airport | 7.2km-NW                                |
| 13. | Nearest Town, City, District Headquarters along with distance in km.   | : |  |                                 |   |
|     |  |   | <b>Particulars</b>   | <b>Name</b>                     | <b>Distance from the lease boundary</b> |
|     |  |   | Nearest Town   | Arimbra                         | 0.5 Km - E                              |
| 14. | Village Panchayat, Zilla Parishad, Municipal Corporation, Local body (Complete postal address with telephone no. to be given). | : | <p><b>Village Office address :-</b><br/>Village Office Morayur<br/>Morayur, Kerala 673642</p> <p><b>Panchayat Office address :-</b><br/>Grama Panchayath Office Morayur<br/>Kozhikode - Palakkad Hwy,<br/>Morayur, Kerala 673642</p> |                                 |   |
| 15. | Details of alternative sites examined, if any. Location of these sites should be shown on a Toposheet.                         | : | The proposal is for the mineral specific hence no alternate site was examined.   |                                 |   |
| 16. | Interlinked projects   | : | Nil  |                                 |   |
| 17. | Whether separate application of interlinked project has been submitted?  | : | Not applicable   |                                 |   |
| 18. | If yes, date of submission   | : | Not applicable   |                                 |   |

|     |   |   |  |
|-----|---|---|--|
| 19. | If no, reason   | : | Not applicable   |
| 20. | <p>Whether the proposal involves approval / Clearance under: if yes, details of the same and their status to be given.</p> <ol style="list-style-type: none"> <li>1. The Forest (Conservation) Act, (1980)?</li> <li>2. The Wildlife (Protection) Act, 1972?</li> <li>3. The C.R.Z. Notification, 1991?</li> </ol>          |   | <p>Not Applicable</p> <p>Not Applicable</p> <p>Not Applicable</p>  |
| 21. | Whether there is any Government Order / Policy relevant / relating to the site:   |   | <p>The following Govt. Orders / Policies are to be followed: -</p> <ul style="list-style-type: none"> <li>• Kerala Minor Mineral Concession Rules, 2015</li> <li>• Mines Act,1952</li> <li>• Explosive Rules,2008</li> <li>• Kerala Panchayat Raj Act,1994</li> <li>• Central Ground Water Authority</li> <li>• Water Pollution (Prevention &amp; Control) Act, 1974</li> <li>• Air Pollution (Prevention &amp; Control) Act,1981</li> <li>• Environment Protection Act,1986</li> <li>• EIA Notification, 2006 /2009</li> <li>• The Kerala Promotion of Tree Growth in Non- Forest Areas (Amendment) Act, 2007.</li> </ul> |
| 22. | Forest land involved (hectare)  | : | No   |
| 23. | <p>Whether there is any litigation pending against the project and/or land in which the project is proposed to be set up?</p> <ol style="list-style-type: none"> <li>a) Name of the Court</li> <li>b) Case No.</li> <li>c) Orders / directions of the court, if any and its relevance with the proposed project.</li> </ol> |   | <p>No litigation is pending against the permit area/ applicant of the proposed permit area in any court of law.</p>  |
| 24. | Expected cost of the project  | : | Rs. 350 lakhs  |

*\*Capacity corresponding to sectoral activity (such as production capacity for manufacturing, mining permit area and production capacity for mineral production, area for mineral exploration, length for linear transport infrastructure, generation capacity for power generation etc.,)*

**Activity**

**II Construction, operation or decommissioning of the Project involving actions, which will cause physical changes in the locality (topography, land use, changes in water bodies etc.)**

| Sl No. | Information/Checklist confirmation  | Yes /No | Details thereof (with approximate quantities/ rates, wherever possible) with source of information data   |
|--------|---|---------|---|
| 1.1    | Permanent or temporary change on land use, land cover or topography including increase in intensity of land use (with respect to local land use plan) | Yes     | <b>Land use:</b> - Topographically lease area and its surrounding is an elevated terrain with quarry land covered with native trees, shrubs, herbs, grass, climbers, bushes etc. The highest elevation of the lease area is 310 m MSL and lowest is 190 m MSL. As the proposed area is hillock, the drainage of the lease area is towards North East. No habitans are located in the lease area. Exposed rocks in the lease area are marked on geological plan. |
| 1.2    | Clearance of existing land, vegetation and buildings?   | Yes     | The proposed lease area & surrounding area is having moderate vegetation, only rubber plantations about 420nos.   |
| 1.3    | Creation of new land uses?  | Yes     | The present land use as per the revenue record is private owned land. The new land use pattern will be as follows as per post operational use: -<br>1. Excavated Pit : 4.3602 ha.<br>2. Green belt : 0.6195 ha.   |
| 1.4    | Pre-construction investigations e.g. bore holes, soil testing?  | No      | Not applicable  |
| 1.5    | Construction works?   | Yes     | Facilities like site office, labour quarters and magazine area will be developed.   |
| 1.6    | Demolition works?   | No      | Not applicable  |
| 1.7    | Temporary sites used for construction works or housing of construction workers?   | No      | Not applicable  |
| 1.8    | Above ground buildings, structures or earthworks including linear structures, cut and fill or excavations.  | Yes     | The proposed project activity involves about 75% of the pit area for exploiting the building stone up to the conceptual phase. The production will have in 4.3002 ha area as pit at the conceptual stage. The extent of impact will however be confined to permit area only.  |

|      |  |     |   |
|------|--|-----|---|
| 1.9  | Underground works including mining or tunneling?                         | No  | There will be no underground mining activities. The mining will be done by open cast semi mechanized method of mining.  |
| 1.10 | Reclamation works?   | Yes | At the end of life of mine, the total excavated area will be 4.3602ha and the same will be reclaimed by plantation with a water body.   |
| 1.11 | Dredging?  | No  | Not Applicable  |
| 1.12 | Offshore structures?   | No  | Not Applicable  |
| 1.13 | Production and manufacturing processes?                                  | Yes | <ul style="list-style-type: none"> <li>• The mining will be done by semi – mechanized opencast method as per approved Mining Plan. It includes blasting, loading, transport and excavation activities.</li> <li>• The working will be done by forming benches of 5.0m (average) height.</li> <li>• Mining will be started from the first year with systematic working.</li> <li>• The height &amp; width of the bench will not be kept more than 5 m to 6 m respectively.</li> <li>• The mining will be done with the help of tools such as drills, jack – hammer, compressors, picks, excavators etc.</li> <li>• The impact on physical environment will be significant and confined to permit area. There will be change in land cover, topography &amp; vegetal cover as depicted in point no. 1.3.</li> </ul> |
| 1.14 | Facilities for storage of goods or materials?                            | Yes | <p>Facilities will be developed for: -</p> <ul style="list-style-type: none"> <li>• Mineral will be transported to designated place.</li> <li>• Top soil and OB shall be stored in designated area and shall be used for earth filling of the site itself at the end of the excavation and plantation shall be done over that.</li> </ul>   |
| 1.15 | Facilities for treatment or disposal of solid waste or liquid effluents? | Yes | <p><b><u>Solid Waste</u></b><br/>The topsoil is estimated about 20701 cum. The same will be stacked separately and it will be used for plantation purpose.<br/>About 24841.2 cum waste will be generating during the life of the quarry. This will be stacked in the site for the purpose and same will be used for maintenance of internal &amp; external roads and also for other civil construction works, as and when required. If the entire material is not used for maintenance, then the balance material will be used for backfilling the worked-out quarry pit.</p> <p><b><u>Liquid Effluent</u></b><br/>The sewage to a tune of 0.80 KLD generated, from the mine office will be diverted to the septic tank followed by soak pit.</p>   |



|      |   |     |   |
|------|---|-----|---|
| 1.16 | Facilities for long term housing of operational workers?  | Yes | Majority of the labours are from the surrounding areas. Minimum number of labour quarters will be provided within the complex but outside the proposed mining area.   |
| 1.17 | New road, rail or sea traffic during construction or operation?   | Yes | For the purposes of mining activities, existing roads are sufficient. However, haul road will be suitably developed within the proposed area.   |
| 1.18 | New road, rail, air waterborne or other transport infrastructure including new or altered routes and stations, ports, airports etc? | Yes | For the purposes of mining activities, existing roads are sufficient. However, haul road will be suitably developed within the proposed area.   |
| 1.19 | Closure or diversion of existing transport routes or infrastructure leading to changes in traffic movements?                        | No  | Not Applicable  |
| 1.20 | New or diverted transmission lines or pipelines?  | No  | Not Applicable  |
| 1.21 | Impoundment, damming, culverting, realignment or other changes to the hydrology of water courses or aquifers?                       | Yes | The run-off from the permit area will be suitably collected through channels and will be stored in storm water pond for further utilization in Mine/Crusher units. However, all measures will be taken to not to disturb the natural drainage system of the surrounding area.   |
| 1.22 | Stream crossings?   | No  | Not applicable  |
| 1.23 | Abstraction or transfers of water from ground or surface waters?  | Yes | The water requirement for the mining operation is about 6 KLD comprising 1 KLD for Domestic Sanitary needs and 3 KLD for Dust Suppression and 2KLD for Greenbelt requirement. The source of water for domestic sanitary water requirement will be met from well water and storage pond.   |
| 1.24 | Change in water bodies or the land surface affecting drainage or run - off?   | No  | There will be no change in water bodies. The change in the land surface due to mining will not affect the surface drainage or run off.  |
| 1.25 | Transport of personnel or materials for construction, operation or decommissioning?   | Yes | Subsequent to the Drilling and Blasting, the material so fragmented / loosens from the rock mass, the boulders so generated subsequent to the blasting, will be crushed or broken with the help of the rock breakers, and this will be loaded into trucks / tippers of 10tonnes capacity with the help of the excavator. The loaded material is transported to the crushing and screening unit for further process. |
| 1.26 | Long-term dismantling or decommissioning or restoration works?  | No  | Not Applicable  |

|            |   |                 |  |
|------------|---|-----------------|--|
| 1.27       | Ongoing activity during decommissioning which could have an impact on the environment?  | No              | Not Applicable   |
| 1.28       | Influx of people to an area in either temporarily or permanently?   | Yes             | Due to the mining activity and due to the attached ancillary unit, there will be workers attracted to the project area. It is proposed to employ 11 persons in the project.  |
| 1.29       | Introduction of alien species?  | No              | Not applicable   |
| 1.30       | Loss of native species or genetic diversity?  | Yes             | Due to the mining activities, there will be loss of some native species and vegetation. However, some of these species will be planted at the end of the mine life.  |
| 1.31       | Any other actions?  | No              | Nil  |
| <b>2.0</b> | <b>Use of Natural resources for construction or operation of the Project (such as land, water, materials or energy, especially any resources which are nonrenewable or in short supply):-</b> |                 |  |
|            | <b>Information / checklist confirmation</b>   | <b>Yes / No</b> | <b>Details thereof (with approximate quantities / rates, wherever possible) with source of information data</b>  |
| 2.1        | Land especially undeveloped or agricultural land (ha)   | Yes             | The permit area consists of 4.9797 hectares which is private land and present land use is rocky land and rubber plantation.  |
| 2.2        | Water (expected source & competing users) unit: KLD   | Yes             | The water requirement for the mining operation is about 6.0 KLD comprising 1 KLD for Domestic Sanitary needs and 3 KLD for Dust Suppression and 2KLD for Greenbelt requirement. The source of water for domestic sanitary water requirement will be met from well water and storage pit. |
| 2.3        | Minerals (MT)   | Yes             | It is a mining project for excavation of building stone. Production will be about <b>157669.4</b> MTA. This product is available in abundance in Kerala and some other states and is being used in construction of roads and buildings.  |
| 2.4        | Construction material – stone, aggregates, sand / soil (expected source – MT)   | Yes             | The small-scale infrastructure facilities like mine office, labour shed, canteen, etc. available within own property.  |
| 2.5        | Forests and timber (source – MT)  | No              | Not applicable   |

|                |   |                |   |
|----------------|---|----------------|---|
| 2.6            | Energy including electricity and fuels (source, competing users)<br>Unit: fuel (MT), energy (MW)  | Yes            | <b>Electricity:-</b><br>The total power requirement will be 75 kW, which will be drawn from diesel engine.<br>Fuel Quantity – 16 to 20 lt/ hr.  |
| 2.7            | Any other natural resources (use appropriate standard units)  | Yes            | Use of solar energy for external lightings.   |
| <b>3.0</b>     | <b>Use, storage, transport, handling or production of substances or materials, which could be harmful to human health or the environment or raise concerns about actual or perceived risks to human health.</b> |                |   |
| <b>Sl. No.</b> | <b>Information/Checklist confirmation</b>   | <b>Yes /No</b> | <b>Details thereof (with approximate quantities / rates, wherever possible) with source of information data</b>   |
| 3.1            | Use of substances or materials, which are hazardous (as per MSIHC rules) to human health or the environment (flora, fauna, and water supplies)  | Yes            | Nitrate mixture which is an explosive substance and is hazardous. Also, the detonators used for blasting is a hazardous chemical. However, a limited quantity in compliance with Explosives Act will be stored in the magazine for safety of the workers.                 |
| 3.2            | Changes in occurrence of disease or affect disease vectors (e.g. insect or water borne diseases)  | No             | Not applicable  |
| 3.3            | Affect the welfare of people e.g. by changing living conditions?  | Yes            | The present project will directly / indirectly develop the area by providing employment opportunities. With the proposed development in and around the area there will be many supporting facilities / infrastructures eventually leading to the development of the area. |
| 3.4            | Vulnerable groups of people who could be affected by the project e.g. hospital patients, children, the elderly etc.,  | Yes            | Nearest habitation is at 210.3 m towards NE side; all necessary measures will be taken to operate the mine in compliance with air, water, noise and vibration standards from time to time.  |
| 3.5            | Any other causes  | No             | Not applicable  |
| <b>4.0</b>     | <b>Production of solid wastes during construction or operation or decommissioning (MT/month)</b>  |                |   |
| <b>Sl. No.</b> | <b>Information/Checklist confirmation</b>   | <b>Yes /No</b> | <b>Details thereof (with approximate quantities / rates, wherever possible) with source of information data</b>   |
| 4.1            | Soil, overburden or mine wastes   | Yes            | About <b>20701cum</b> quantity of top soil and about <b>24841.2cum</b> overburden will be generated from the proposed mine.   |
| 4.2            | Municipal waste (domestic and or commercial wastes)   | Yes            | The municipal solid waste generated from the labour quarter will be suitably disposed along with reclamation or back filling.   |

|                |   |                |  |
|----------------|---|----------------|--|
| 4.3            | Hazardous wastes (as per Hazardous Waste Management Rules)                                | Yes            | Negligible in quantity, like used oil which will be disposed to the local recyclers.   |
| 4.4            | Other industrial process wastes.  | No             | Not applicable   |
| 4.5            | Surplus product.  | No             | Not applicable   |
| 4.6            | Sewage sludge or other sludge from effluent treatment.                                    | Yes            | The sludge generated from the septic tank on a periodical basis will be dried and will be used as manure in plantation.  |
| 4.7            | Construction or demolition wastes.  | No             | Not applicable   |
| 4.8            | Redundant machinery or equipment.   | No             | Not applicable   |
| 4.9            | Contaminated soils or other materials.  | No             | Not applicable   |
| 4.10           | Agricultural wastes.  | No             | Not applicable   |
| 4.11           | Other solid wastes.   | No             | Not applicable   |
| <b>5.0</b>     | <b>Release of pollutants or any hazardous, toxic or noxious substances to air (Kg/hr)</b> |                |  |
| <b>Sl. No.</b> | <b>Information/ Checklist confirmation</b>  | <b>Yes /No</b> | <b>Details thereof (with approximate quantities / rates, wherever possible) with source of information data</b>  |
| 5.1            | Emissions stationary from combustion of fossil fuels from or mobile sources.              | Yes            | <p>Diesel engine emissions rates (Unit - g/KWhr) are given below:<br/> PM - 0.3; NO<sub>x</sub> - 9.2; CO - 3.5; HC - 1.3</p> <p>Transportation: Movement of vehicles will generate dust. The transportation activities on unpaved area results in fugitive emissions to the tune (Unit kg/Veh.mT) of 1.261 for PM10 and 0.126 for PM2.5 (USEPA-AP42 series).</p> <p>Gaseous Emission rate (Unit - g/KWh) due to transportation: CO - 5.45; HC - 0.78; NO<sub>x</sub> - 5.0</p> <p>All measures will be taken to restrict the emission within CPCB norms.</p>  |
| 5.2            | Emissions from production processes.  | Yes            | <p>The proposed production will be <b>157669.4</b> MTA. Dust is the main pollutant, which will be generated mainly from mining activities (drilling, blasting &amp; excavation) and vehicle movement.</p> <p>The different measures taken to control dust emissions are given below: -</p> <ul style="list-style-type: none"> <li>• Water sprinkling on haul roads</li> <li>• Wet drilling</li> <li>• Limiting the speed of the vehicles</li> <li>• Regular maintenance of vehicles/ equipments</li> <li>• Loaded Trucks will be covered with tarpaulin sheets during transportation</li> <li>• Greenbelt development</li> </ul> |

|                |  |                |  |
|----------------|--|----------------|--|
| 5.3            | Emissions from materials handling including storage or transport.                            | Yes            | There will be fugitive emissions generated during material handling, transportation, loading and unloading etc. Regular water sprinkling on haul road will suppress the dust particles and prevent them from getting air- borne.<br><b><u>Transportation</u></b><br>Movement of vehicles like dumpers, trucks, tankers etc. will also generate dust. The transportation activities on unpaved area results in fugitive emissions to the tune of 1.261 kg /VkmT for PM10 and 0.126 kg/VkmT for PM2.5.   |
| 5.4            | Emissions from construction activities including plant and equipment                         | No             | Not applicable   |
| 5.5            | Dust or odors from handling of materials including construction materials, sewage and waste. | Yes            | Yes. There is no odor from handling of material. Only dust will be generated from transportation & handling materials. The dust emission will be controlled by adopting suitable measures viz. water sprinkling, plantation, making enclosures & maintaining roads. Personnel Protective Equipment (PPE's) will be provided to the workers. Periodical medical examination will be arranged to the employees at intervals of not more than 5 years.  |
| 5.6            | Emissions from incineration of waste   | No             | Not applicable   |
| 5.7            | Emissions from burning of waste in open air (e.g. slash materials, construction debris)      | No             | Not applicable   |
| 5.8            | Emissions from any other sources   | No             | Not applicable   |
| <b>6.0</b>     | <b>Generation of Noise and Vibration, and Emissions of Light and Heat</b>                    |                |  |
| <b>Sl. No.</b> | <b>Information/ Checklist confirmation</b>   | <b>Yes /No</b> | <b>Details thereof (with approximate quantities/ rates, wherever possible) with source of information data</b>   |
| 6.1            | From operation of equipment e.g. engines, ventilation plant, crushers                        | Yes            | Mining operation is being carried out by semi mechanized method. However, based on production capacity mining equipments configuration with expected noise levels (in dB(A)) will be as under: - <ul style="list-style-type: none"> <li>• Excavator:95 - 100</li> <li>• Compressor:81</li> <li>• Tippers/ Trucks:84 - 86</li> <li>• Mobile Crane:83</li> </ul> Mitigation Measures: - <ul style="list-style-type: none"> <li>• Maintenance of machinery</li> <li>• Enclosed cabins in excavator</li> <li>• Earmuff &amp; earplug</li> <li>• Periodical medical checkup</li> <li>• Noise level maintained to 85dB(A)</li> </ul> |

|                |  |                |  |
|----------------|--|----------------|--|
| 6.2            | From industrial or similar processes   | No             | Not applicable   |
| 6.3            | From construction or demolition  | No             | Not applicable   |
| 6.4            | From blasting or piling  | Yes            | Controlled Blasting (Milli second electric) technique will be adopted to restrict PPV levels well below DGMS standards of <15 mm/ sec at all times. The blasting will be done at designated hours i.e. 01:00 pm & 05:00 pm   |
| 6.5            | From construction or operational traffic   | Yes            | Due to vehicular traffic and material transportation within the permit area, noise will be generated. However, the expected noise levels will be well maintained within the DGMS and CPCB norms.   |
| 6.6            | From lighting or cooling systems   | No             | Not applicable   |
| 6.7            | From any other sources   | No             | Not applicable   |
| <b>7.0</b>     | <b>Risks of contamination of land or water from releases of pollutants into the ground or into sewers, surface waters, groundwater, coastal waters or the sea: -</b> |                |  |
| <b>Sl. No.</b> | <b>Information / Checklist confirmation</b>  | <b>Yes /No</b> | <b>Details thereof (with approximate quantities / rates, wherever possible) with source of information data</b>  |
| 7.1            | From handling, storage, use or spillage of hazardous materials   | No             | NFO Mixture is proposed to be used for blasting purpose. Due care will be taken to avoid risk during handling, storage, use or spillage of explosives.   |
| 7.2            | From discharge of sewage or other effluents to water or the land (expected mode and place of discharge)  | No             | There is no risk of contamination of land and water due to discharge of untreated waste water. However, no untreated sewage will be is charged in the open land causing the contamination to ground water. The wastewater generated will be channelized in the septic tank followed by soak pit. |
| 7.3            | By deposition of pollutants emitted to air into the land or into water   | No             | During operation phase there will be mainly dust emissions from excavation, loading, unloading, mineral handling, transportation and mobile sources. Measures like controlled blasting, water sprinkling; green belt development etc. will be adopted to minimize the same.                      |
| 7.4            | From any other sources   | No             | There will not be any other sources, which will contaminate land and water resources.  |
| 7.5            | Is there a risk of long-term buildup of pollutants in the environment from these sources?  | No             | Nothing will be significant  |

| <b>8.0 Risk of accidents during construction or operation of the project, which could affect human health or the environment.</b>   |   |                |   |
|---|---|----------------|---|
| <b>Sl. No.</b>  | <b>Information/Checklist confirmation</b>   | <b>Yes /No</b> | <b>Details thereof (with approximate quantities / rates, wherever possible) with source of information data</b>   |
| 8.1   | From explosions, spillages, fires etc. from storage, handling, use or production of hazardous substances  | Yes            | The stone quarry mine will result in increase in frequency of blasting for mining the mineral. However, controlled blasting with optimum charge of holes will be carried out to loosen the rock. Explosion hazards are envisaged due to mishandling of explosives. Explosives will be handled with utmost care in compliance of conditions imposed by Chief Controller of Explosive & Metalliferous Mines Regulation, 1961. NFO mixture, slurry explosive, safety fuse, and detonators will be used for blasting. |
| 8.2   | From any other causes   | Yes            | The risks of accidents are envisaged due to the operation of equipment, failure of mine pit etc. Pit slope will be kept at 45°. Face slope will be kept at 70°. No loose stone will be allowed near the edges of excavation and along the sites of haul road. However, good safety practices will be adopted at the site. All precautionary measures will be adopted and use of protective equipment will be mandatory. However, for minor accidents first aid measures will be provided at site.                 |
| 8.3   | Could the project be affected by natural disasters causing environmental damage (e.g Floods, earthquakes, landslides, cloudburst etc)?  | No             | No  |
| <b>9 Factors which should be considered (such as consequential development) which could lead to environmental effects or the potential for cumulative impacts with other existing or planned activities in the locality</b> |   |                |   |
| <b>Sl. No.</b>  | <b>Information/ Checklist confirmation</b>  | <b>Yes /No</b> | <b>Details thereof (with approximate quantities / rates, wherever possible) with source of information data</b>   |
| 9.1   | Lead to development of supporting cities, ancillary development or development stimulated by the project which could have impact on the environment e.g. Supporting infrastructure (roads, power supply, waste or wastewater treatment, etc.) <ul style="list-style-type: none"> <li>• Housing development</li> <li>• Extractive industries</li> <li>• Supply industries other</li> </ul> | Yes            | The proposed project will directly / indirectly develop the area by providing employment opportunities. With the proposed development in and around the area there will be many supporting facilities/ infrastructures eventually leading to the development of the area.   |



|     |  |     |   |
|-----|--|-----|---|
| 9.2 | Land to after use of the site, which could have an impact on environment.                            | Yes | The land used will be fully reclaimed and rehabilitated by backfilling the pits by plantation and water body. Plantation and afforestation will add to the improvement in environment and aesthetic beauty of the area. |
| 9.3 | Set a precedent for later developments.  | Yes | There will be other ancillary developments which spring up due to the coming of the project, resulting in setting a precedent for later development.  |
| 9.4 | Have cumulative effects due to proximity to other existing or planned projects with similar effects. | No  | Not Applicable  |

### Environmental Sensitivity

| Sl. No. | Areas   |     | Aerial distance (within 15 km) from the proposed project location boundary   |
|---------|---|-----|--|
| 1       | Areas protected under international conventions, national or local legislation for their ecological, landscape, cultural or other related value   | Yes | Silent Valley National Park -37km - E  |
| 2       | Areas which are important or sensitive for ecological reasons - Wetlands, watercourses or other water bodies,   | Yes | Vellarimala Reserve Forest-17km-N  |
| 3.      | Coastal zone, biospheres, mountains, forests Areas used by protected, important or sensitive species of flora or fauna for breeding, nesting, foraging, resting, overwintering, migration | No  | None within the study area   |
| 4.      | Inland, coastal, marine or underground waters   | Yes | Chamakayam Dam, Panakkad-7.76km- S<br>Cholakkad Mini Dam – 9.81km – E<br>Kadalundy (Karathode) -5.8-S  |
| 5.      | State, National boundaries  | No  | None within the study area<br>Kerala-Tamilnadu Border-47.5km-E   |
| 6.      | Routes or facilities used by the public for access to recreation or other tourist, pilgrim areas  | Yes | NH 966 (Kozhikode)-2km N<br>SH 72 (Vengara)-5.3km-S  |
| 7.      | Defense installations   | No  | None within the study area   |
| 8.      | Densely populated or built-up area  | Yes | Arimbra-0.5 km-E<br>Nearest human habitation-210.3m-NE   |
| 9.      | Areas occupied by sensitive man-made land uses (hospitals, schools, places of worship, community facilities)  | Yes | <b>Hospital:</b> - Kunnumpuram Govt Hospital<br>-6.7 km-SW<br><b>Airport:</b> - Calicut International Airport-<br>7.2 km-NW<br><b>School:</b> - GVHSS Arimbra -1.0km-NE<br><b>Church:</b> - The Christ King Church,<br>naduvakkad -2.2km-S |

|     |  |     |   |
|-----|--|-----|---|
|     |  |     | <p><b>Mosque:</b> - Manangatta Juma Masjid- 0.630 km-NE</p> <p><b>Temple:</b> - Sri Malamuthappan Bagavathy Subryamanya Kshetram - 0.290km-SW</p> |
| 10. | Areas containing important, high quality or scarce resources (ground water resources, surface resources, forestry, agriculture, fisheries, tourism, minerals)  | Yes | Vellarimala Reserve Forest Range – 17km – NE<br>Amarambalam Wildlife Sanctuary – 38km – NE<br>Silent Valley National Park -37km - E               |
| 11  | Areas already subjected to pollution or environmental damage. (those where existing legal environmental standards are exceeded)  | No  | None Within The study area  |
| 12  | Areas susceptible to natural hazard which could cause the project to present environmental problems (earthquakes, subsidence, landslides, erosion, Flooding or extreme or adverse climatic conditions) | No  | None Within The study area  |

“I hereby given undertaking that the data and information given in the application and enclosures are true to the best of my knowledge and belief and I am aware that if any part of the data and information submitted is found to be false or misleading at any stage, the project will be rejected and clearance give, if any to the project will be revoked at our risk and cost.”

**Place: Malappuram**

**Date: 24/08/2021**

**RQP:**



**MAHESH. S**

TC31/580, Navadeepam,

S N Nager, Pettah (p.o),

Trivandrum – 695024

**Applicant:**



**Ummerkutty K**

Director

M/s Morayoor Granites Pvt Ltd

**Building Stone Quarry Owned By  
M/s Morayoor Granites Pvt Ltd**

**CER PROPOSAL**

**SITUATED AT**

**Survey Number : 152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4,**

**Re Survey Block No. 56**

**Morayur Village, Kondotty Taluk**

**Malappuram District, Kerala**

**Area – 4.9797 Ha**

Prepared by  
PRIME TECHNOLOGY SERVICES  
Planet Resource Management Experts  
Reg Office: 4D, Kalpaka Fort Palace  
Changampuzha Park, Edappally  
Cochin-24, Kerala, India

## **PREFACE**

Mr. Ummerkutty K, Director of M/s Morayoor Granites Pvt Ltd, proposed a Granite Building Stone Quarry which is situated at Re Survey No.152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4, Re Survey Block No. 56 of Morayur Village, Kondotty Taluk, Malappuram District, Kerala for an area of 4.9797 hectares, under B2 category. As part of the CER (Corporate Environmental Responsibility) lessee had made a meeting with Local Social welfare working group as follows:

1. Panchayath President, Morayur Panchayath
2. Ward Member, Morayur Panchayath

With reference to the critical aspects of panchayath and sensitive settlements in the region we had prepared a CER proposal as follows:

Place: Malappuram

Date: 24/08/2021



**Mr. UmmerKutty K**

**Director of M/s Morayoor Granites Pvt Ltd**

## **Introduction to the Project**

The proposed Mining Project, which is situated at Re Survey No.152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4, Re Survey Block No. 56 of Morayur Village, Kondotty Taluk, Malappuram District, Kerala for an area of 4.9797 hectares in favor of Mr. Ummer Kutty K, Director of Morayoor Granites Pvt Ltd.

## **General information**

| 1.1.1 | <b>Lessee</b>                                     |   |
|-------|---|---|
| a     | Name of the Proponent                             | Ummer Kutty K   |
|       | Residential Address of the Proponent              | Ummer Kutty K,<br>Director of Morayoor Granites Pvt Ltd<br>Mucheth House, Elambra<br>Nellikuzhy, Ernakulam-686691<br>Mob: 8089085335<br>Email: morayoorec01@gmail.com                           |
| b.    | Status of the Applicant                           | Director  |
| c.    | Area of the proposed Project                      | 4.9797 Ha   |
| d.    | Survey No. District/Taluk/ and Villageetc.        | Re Survey No. 152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4,<br>Re Survey Block No. 56<br>Morayur Village, Kondotty Taluk,<br>Malappuram District, Kerala State |
| e.    | Category/Sub Category and Schedule                | B2  |
| f     | Status of the Proposed Area                       | Fresh quarry  |
| g     | Mineral which are Occurring in the area and which | Granite (Building Stone) - (Minor Minerals)   |

|   |   |              |
|---|---|--------------|
|   | the Lessee intends to mine                        |              |
| h | Period for which the Quarry operation is proposed | 10 years     |
| i | Total Movable Reserve                             | 1576694 MT   |
| j | Average Production of Stone                       | 157669.4 MTA |

The geographical location of the mine with respect to the pillar boundary of the proposed area is given below:-

| <b>Boundary Pillar</b> | <b>Latitude</b> | <b>Longitude</b> |
|------------------------|-----------------|------------------|
| BP 1                   | 11°06'40.96"N   | 76°0'40.59"E     |
| BP 2                   | 11°06'38.08"N   | 76°0'43.68"E     |
| BP 3                   | 11°06'36.72"N   | 76°0'42.02"E     |
| BP 4                   | 11°06'34.96"N   | 76°0'43.90"E     |
| BP 5                   | 11°06'34.43"N   | 76°0'42.91"E     |
| BP 6                   | 11°06'32.91"N   | 76°0'42.82"E     |
| BP 7                   | 11°06'25.96"N   | 76°0'43.75"E     |
| BP8                    | 11°06'25.44"N   | 76°0'40.63"E     |
| BP9                    | 11°06'31.07"N   | 76°0'39.87"E     |
| BP10                   | 11°06'33.28"N   | 76°0'38.30"E     |
| BP11                   | 11°06'34.63"N   | 76°0'36.26"E     |
| BP12                   | 11°06'35.75"N   | 76°0'37.59"E     |

## Morayur Village

**(Source: Census of India 2011)**

| Sl.No         | Details   | Number/Area                |         |     |
|---------------|---|----------------------------|---------|-----|
| 1             | Area  | 2453Ha                     |         |     |
| 2             | Number of Households  | 6501                       |         |     |
| 3             | Total population (including institutional and houseless population) | Persons                    | 33960   |     |
|               |   | Males                      | 16299   |     |
|               |   | Females                    | 17661   |     |
| 4             | Scheduled Castes population   | Persons                    | 2313    |     |
|               |   | Males                      | 1143    |     |
|               |   | Females                    | 1170    |     |
| 5             | Scheduled Tribes population   | Persons                    | 45      |     |
|               |   | Males                      | 22      |     |
|               |   | Females                    | 23      |     |
| 6             | Literates   | Persons                    | 27392   |     |
|               |   | Males                      | 13316   |     |
|               |   | Females                    | 14076   |     |
| 7             | Illiterates   | Persons                    | 6568    |     |
|               |   | Males                      | 2983    |     |
|               |   | Females                    | 3585    |     |
| 8             | Total workers   | Persons                    | 8096    |     |
|               |   | Males                      | 7123    |     |
|               |   | Females                    | 973     |     |
| 9             | Main workers  | Persons                    | 6200    |     |
|               |   | Males                      | 5686    |     |
|               |   | Females                    | 514     |     |
| 10            | Industrial category of main workers                                 | Cultivators                | Persons | 421 |
|               |   |                            | Males   | 401 |
|               |   |                            | Females | 20  |
|               |   | Agricultural labourers     | Persons | 539 |
|               |   |                            | Males   | 500 |
|               |   |                            | Females | 39  |
|               |   | Household industry workers | Persons | 109 |
|               |   |                            | Males   | 96  |
|               |   |                            | Females | 13  |
| Other workers | Persons   | 5131                       |         |     |
|               | Males   | 4689                       |         |     |
|               | Females   | 442                        |         |     |



## COMMUNITY ACTIVITIES PROPOSED

This proposed CER report was prepared in accord with the latest Memo regarding Corporate Environment Responsibility (F.No.22-65/2017-1A.III). And the funding allocated for the community activities is more than 2% of the capital investment.

### 1. PROMOTION OF EDUCATION

#### **A. The project will support financially the Economically Backward students of Govt.VHHS School, Arimbra for education facilities like TV, Mobile and Books in association with PTA**

The Kerala Infrastructure and Technology for Education (KITE), formerly IT@School, has transformed 33,775 classrooms in the state into hi-tech ones. Under the programme, KITE aims to provide Information and Communication Technology (ICT) facilities in Classes VIII to XII of government and aided schools.

Under this programme, all classrooms would be equipped with Digital Interactive Textbooks, Digital Content Collection for easy learning of all subjects, Resource portal which would ensure a round-a clock learning atmosphere to all, E-learning / M-Learning / Learning Management system, evaluation mechanisms in addition to Computers, Multimedia Projector, Sound System and High Speed internet connection which every student and teacher could make use of. Each school would feature offline servers hosting educational contents, which would be connected to classrooms, library and labs. This system would enable a secure and easy access of contents for the students and teachers. KITE has also developed Samagra Resource Portal with syllabus based educational contents, to be used in the high-tech classrooms.

Govt. VHS School, Arimbra is managed by the Department of Education. It is located in rural area. This mining project will support the schools to provide the basic facilities for setting up classrooms and computer labs to be made Hi-Tech. And also help to ensure that each classroom and lab has tiled flooring, a secure ceiling in case of tiled roof, locker facilities, shelves and racks for keeping the equipments, painted clean walls and a secure electrical connection with enough plug-points.

A need base analysis was done at Govt. VHS School, Arimbra we propose to provide Tv, Mobile for students for their online mode of education. The funding is required for the following works:

| <b>Work</b>                                    | <b>Calculation</b>     | <b>Amount</b>   |
|--|------------------------|-----------------|
| Tv for 10 Economically backward family         | 10 x 10000 sq. ft area | 1,00,000        |
| Provide 10 Mobiles                             | 10 x 10000             | 1,00,000        |
| Renovation of School Building/Classroom tiling | 5 x 40,000             | 2,00,000        |
| Total  |                        | <b>4,00,000</b> |

## **2. HEALTH CARE**

**A. A need base analysis for CER conducted and discussed with LSGD and project will provide financial support to the Covid/Others patients from economically backward families of , Morayur grama panchayath.**

Project will provide 2 Stainless Steel Commercial RO Water Dispenser with Purifier for the Primary Health Centre, Morayur. The purifier has a productivity of 100L/Hr.It has an option to provide warm, cold and hot purified water outlets.

| <b>Particulars</b>                | <b>Calculation</b> | <b>Total Amount</b> | <b>Type of Expense</b> |
|-----------------------------------|--------------------|---------------------|------------------------|
| RO Water Dispenser with Purifier  | 2 x 1,50,000       | 3,00,000            | Non-Recurring          |
| Financial support for 20 patients | 10,000 X 20        | 2,00,000            | Non-Recurring          |
| <b>TOTAL</b>                      |                    | <b>5,00,000</b>     |                        |

## **3. SOCIAL ASPECTS**

**A. Project will help in the Installation of Solar Street Light in Morayur Panchayth**

Nowadays schools are preparing a plan to implement solar power production to meet the rising electricity demand and decrease the amount spent on paying the electricity bill. This project will help in the Installation of Solar streetlights unit for the Morayur panchayath roads.

| <b>Particulars</b>   | <b>Total Amount</b> | <b>Type of Expense</b> |
|--|---------------------|------------------------|
| Installation of Solar Streetlight unit for the Morayur Village | 20 X 10,000         | Non-Recurring          |
| <b>TOTAL</b>   | <b>2,00,000</b>     |                        |

**B. Providing Waste bins for rural areas in association with Morayur Panchayath.**

Waste bins will be provided in the residential areas and segregation will be done at the initial stage itself by giving color coded bins.

| <b>Particulars</b>        | <b>Total Amount</b> | <b>Type of Expense</b> |
|---------------------------|---------------------|------------------------|
| Wastebins for rural areas | 20 x 50,000         | Non Recurring          |
| <b>TOTAL</b>              | <b>1,00,000</b>     |                        |

**C. Providing support for residential renovation for economically backward families in Morayur Panchayath.**

| <b>Particulars</b> | <b>Total Amount</b> | <b>Type of Expense</b> |
|--------------------|---------------------|------------------------|
| House Renovation   | 5 x 1,00,000        | Non Recurring          |
| <b>TOTAL</b>       | <b>5,00,000</b>     |                        |

**SUMMARY OF CER ACTIVITIES PROPOSED**

| <b>Sl No</b> | <b>Activity</b>                                    |          | <b>Expense</b>   |
|--------------|--|----------|------------------|
| 1            | Promotion of education                             | 4,00,000 | <b>4,00,000</b>  |
| 2            | Promotion of Health Care.                          | 5,00,000 | <b>5,00,000</b>  |
| 3            | Financial support for Economically Backward family | 5,00,000 | <b>5,00,000</b>  |
| 4            | Street lights & Waste Bin for Morayur panchayth    | 3,00,000 | <b>3,00,000</b>  |
|              |  |          | <b>17,00,000</b> |

The consent form the beneficiary for above mentioned activities is obtained and it will be done during the first 2 years of validity period of the EC and the remaining validity period will be used to ensure that the maintenance of the interventions are undertaken. The proponent allocated Rs 17 Lakhs for the CER activities and an extra Rs. 1.0Lakh for the maintenance purposes.

**The total funds allocated for the CER activities=Rs 18 Lakhs**

**BUILDING STONE QUARRY OWNED BY  
M/s Morayoor Granites Pvt Ltd**

**HAZARD ZONATION MAP**

**Situated At**

**Survey Number : 152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1,  
160/1-2, 160/1-3, 160/1-4,  
Re Survey Block No. 56  
Morayur Village, Kondotty Taluk & Malappuram District, Kerala**

**SUBMITTED BY**

**Ummer Kutty K,  
Director of Morayoor Granites Pvt Ltd  
Mucheth House, Elambra  
Nellikuzhy  
Ernakulam-686691**

## HAZARD ZONE MAP

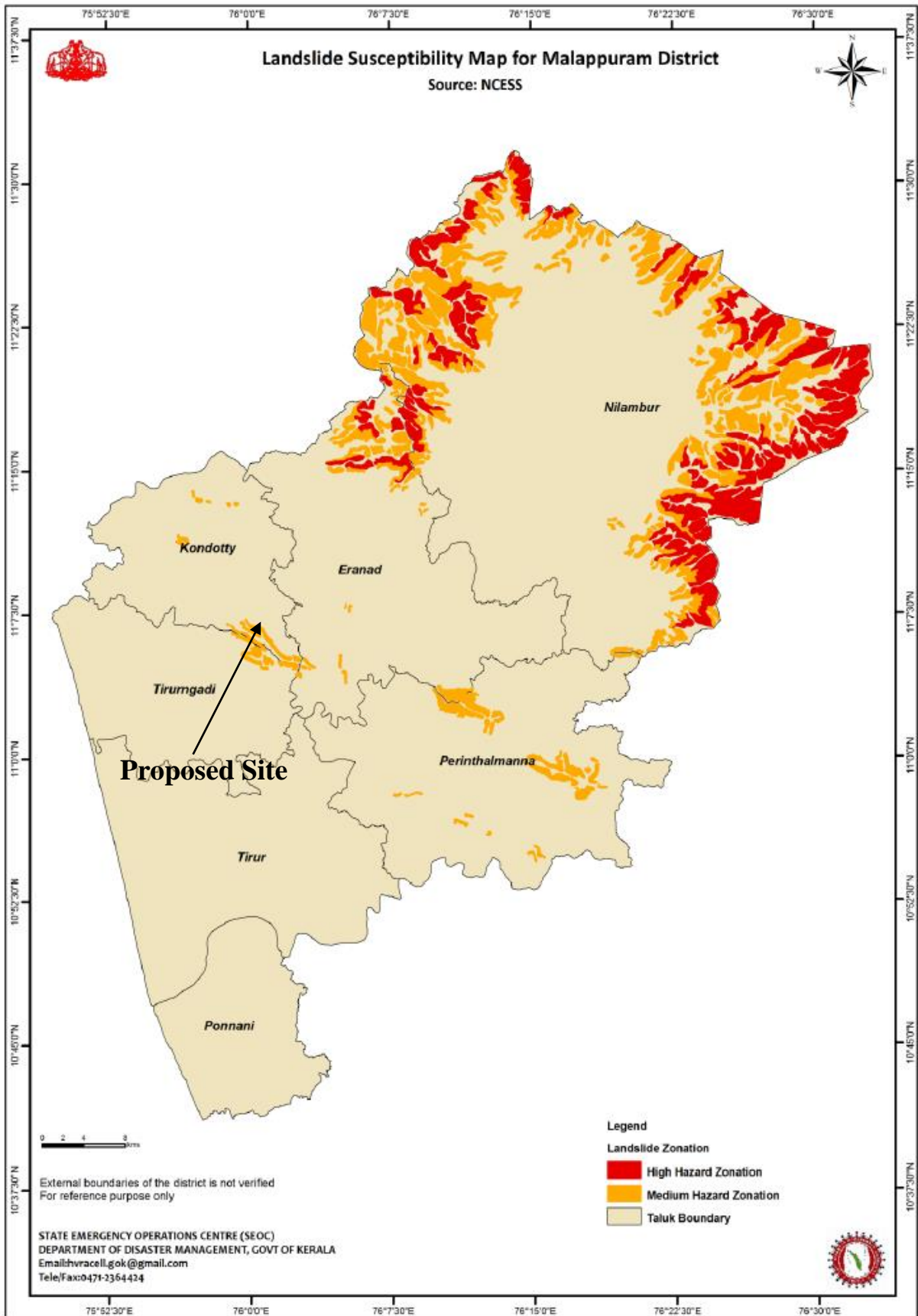
Due to steep slopes, a large part of the district is prone to landslides, especially during the rainy season but our proposed site does not belong in the landslide prone area. The Malappuram district falls under seismic zone III of ISI Classification. The Map for Hazards like Landslide, Flood, Drought and earthquake is shown below. From the below maps it is evident that our proposed site (Kondotty Taluk) does not belong in any hazard zone.

## LANDSLIDE MAP

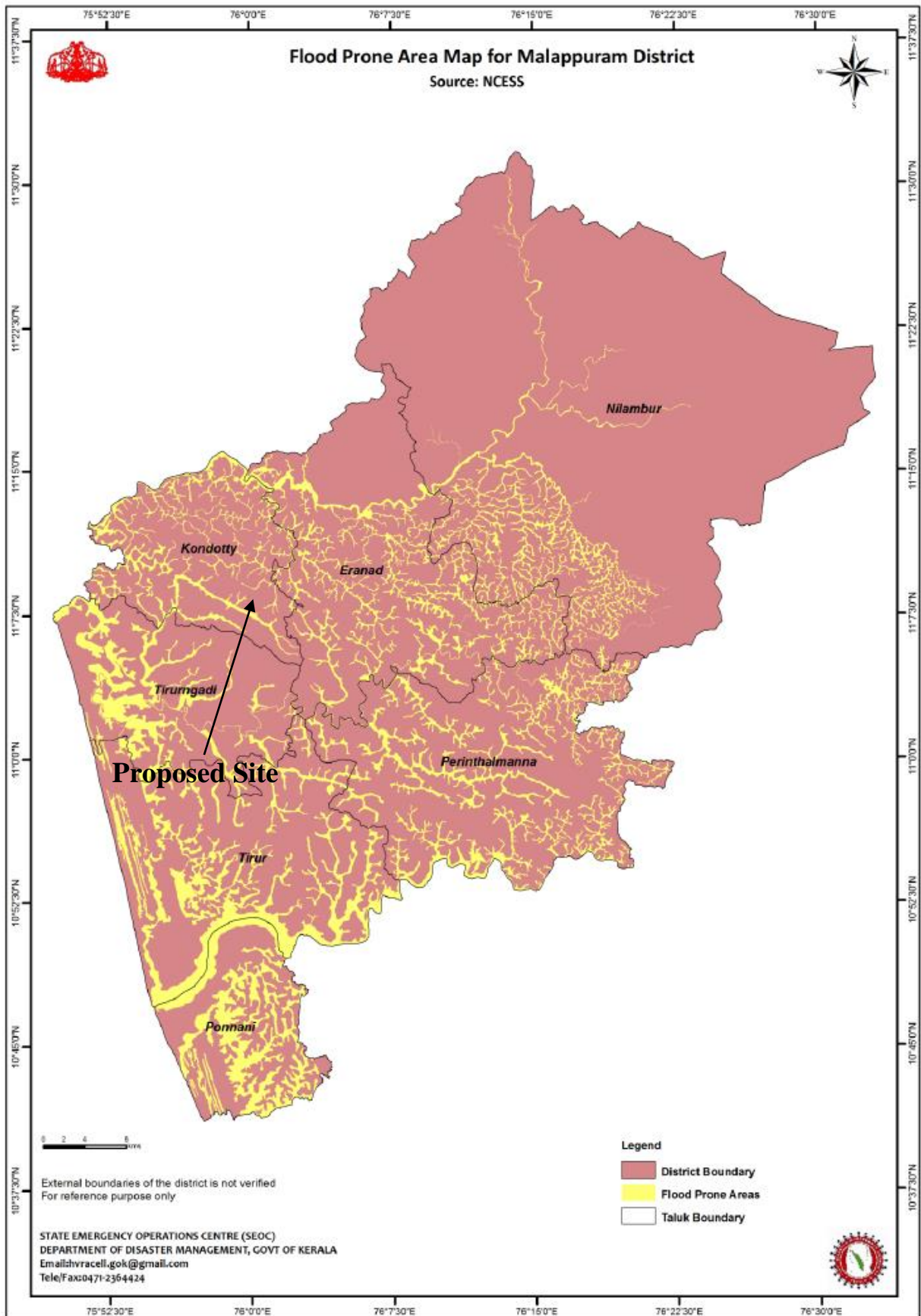


Small portion of proposed area is in medium hazard landslide prone area



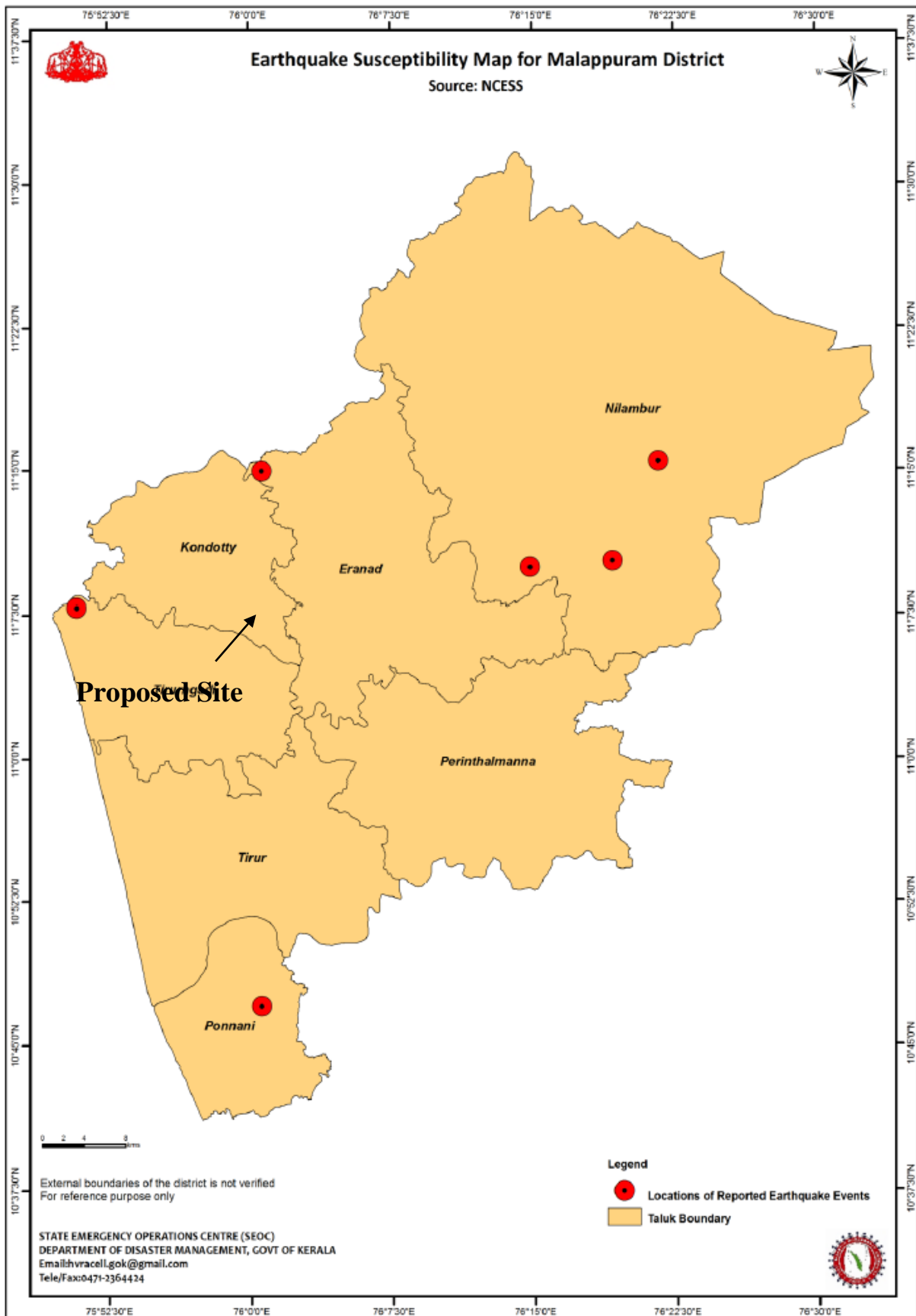


(Source: District Disaster Management Plan 2015, Malappuram, Prepared by District Disaster Management Authority, Kozhikode)

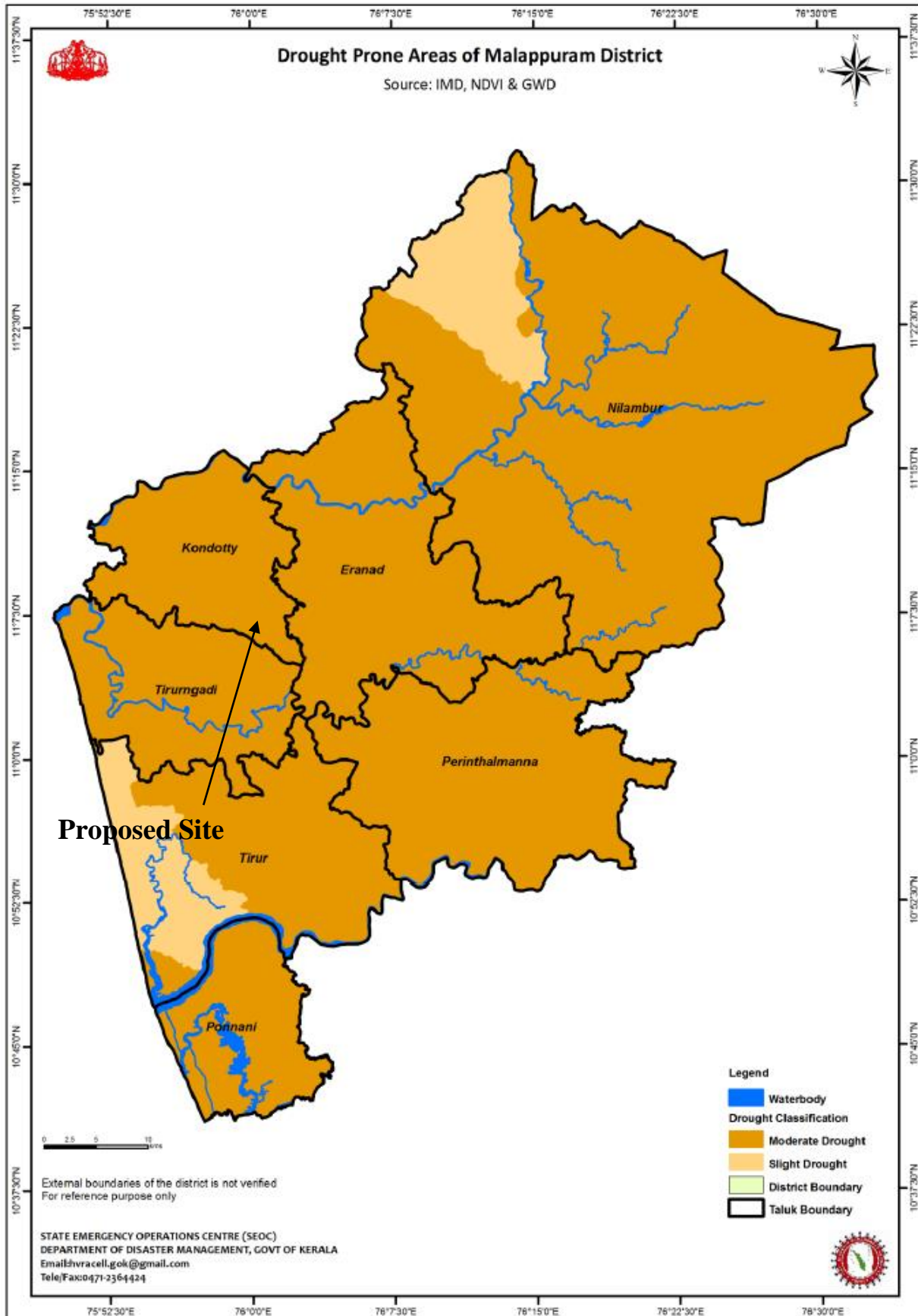


*(Source: District Disaster Management Plan 2015, Malappuram, Prepared by District Disaster Management Authority, Kozhikode)*





(Source: District Disaster Management Plan 2015, Malappuram, Prepared by District Disaster Management Authority, Kozhikode)



(Source: District Disaster Management Plan 2015, Malappuram, Prepared by District Disaster Management Authority, Kozhikode)

# **BIODIVERSITY ASSESMENT REPORT**

FOR

**GRANITE BULDING STONE QUARRY**

**OWNED BY**

**M/s MORAYOOR GRANITES PVT LTD**

**EXTENT : 4.9797 Ha,**

**RE SURVEY NO. 152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1,  
160/1-2, 160/1-3, 160/1-4,**

**Re Survey Block No. 56 of Morayur Village, Kondotty Taluk,  
Malappuram District, Kerala**

# Biodiversity Assessment Report


## Declaration of experts contributed to Biodiversity Assessment Report

We prepared this Biodiversity Assessment Report for the Granite Building Stone quarry for M/s Morayoor Granites, Proposed building stone quarry, in Re Survey No.152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4, Re Survey Block No. 56 of Morayur Village, Kondotty Taluk, Malappuram District, Kerala for an area of 4.9797 hectares in favor of Mr. Ummer Kutty K, Director of Morayoor Granites Pvt Ltd. Observations from the field visit and Fact analysis reproduced in this report.

**Place: Kozhikode**

**Date: 24/08/2021**

For Prime Technology Services

  
Technical Manager



**Mr. Arun Kumar R**  
**Technical Manager**

# PROJECT SITE DESCRIPTION

The building stone quarry (Minor Mineral) project of M/s Morayoor Granites is situated at Re Survey No.152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4, Re Survey Block No. 56 of Morayur Village, Kondotty Taluk, Malappuram District, Kerala for an area of 4.9797 hectares.

The site is mainly covered by rubber plantation with exposed rocks in some part of the area

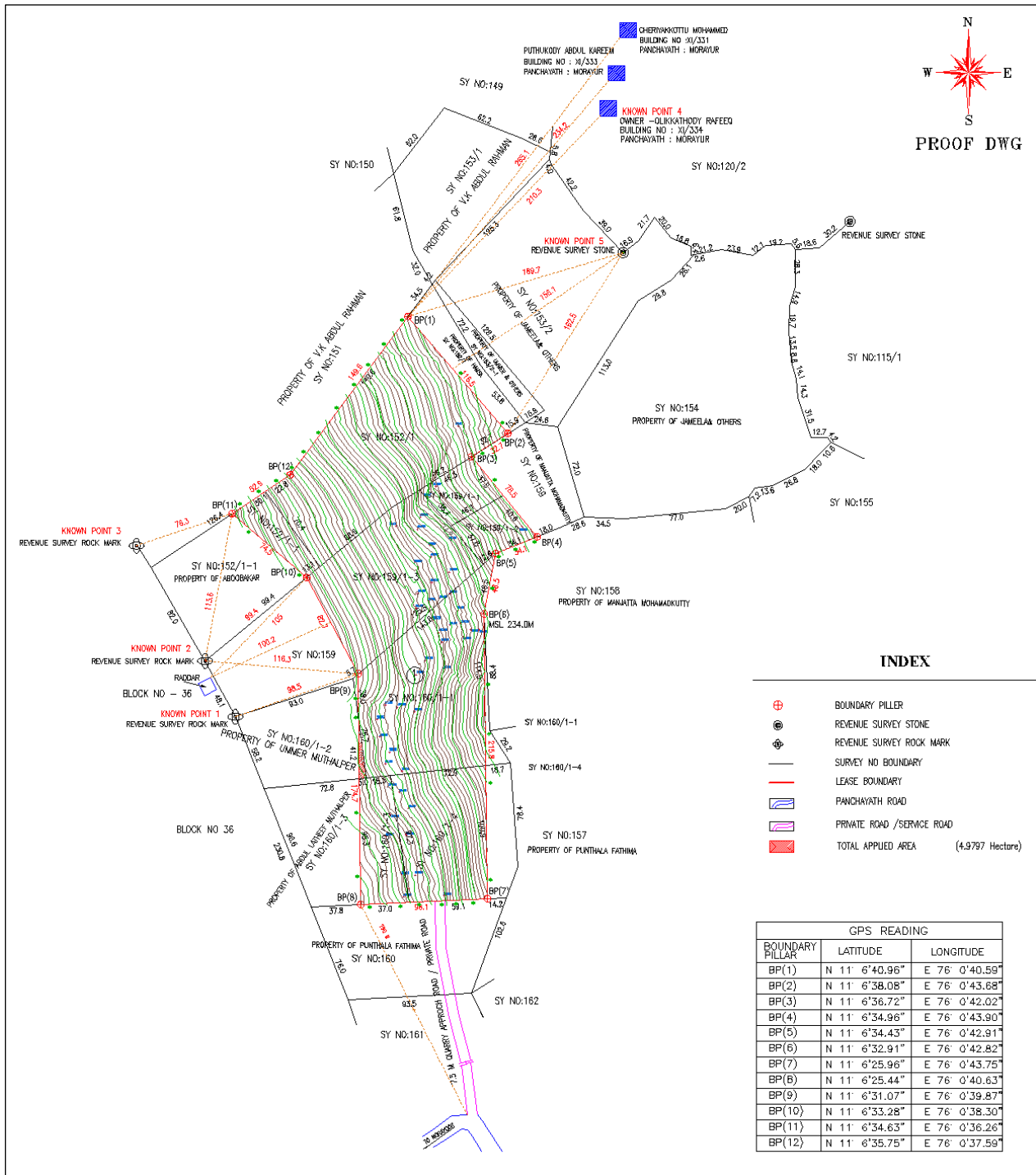


Figure 1. Survey Map of Area

## **BIODIVERSITY SURVEY METHODS EMPLOYED PLANT**

Within the proposed project site, sample plots of 10 m x 10 m were laid along altitudinal gradient. Within each sample plot all woody species (trees, shrubs) were recorded. Herbaceous and graminoid species were recorded in a 1 m x 1 m subplot laid within the larger plot. Some of the plant species were identified on site. Plant specimens were collected for those which were difficult to identify for later identification.

### **Mammals**

For Mammals assessment, both direct and indirect faunal survey methodologies were employed. By direct observation, rapid survey of the wildlife resource of the area has been assessed by selecting representative vantage points in five observations zones. Walking along transects lines was also applied. In case of indirect observation, main emphasis has been given for identifying mammals' sign, like analyzing the animals foot print, burrows, skeleton, fecal materials, hairs, horn etc. and visiting the dens, caves. Since most mammals are secretive or nocturnal, they are seldom seen by the casual observer. But their presence is often revealed by tracks, burrows, nests, evidence of feeding and its residues, foot prints, tail markings, fecal material or scats. In addition to the field survey, discussions were conducted with the local people.

### **Birds**

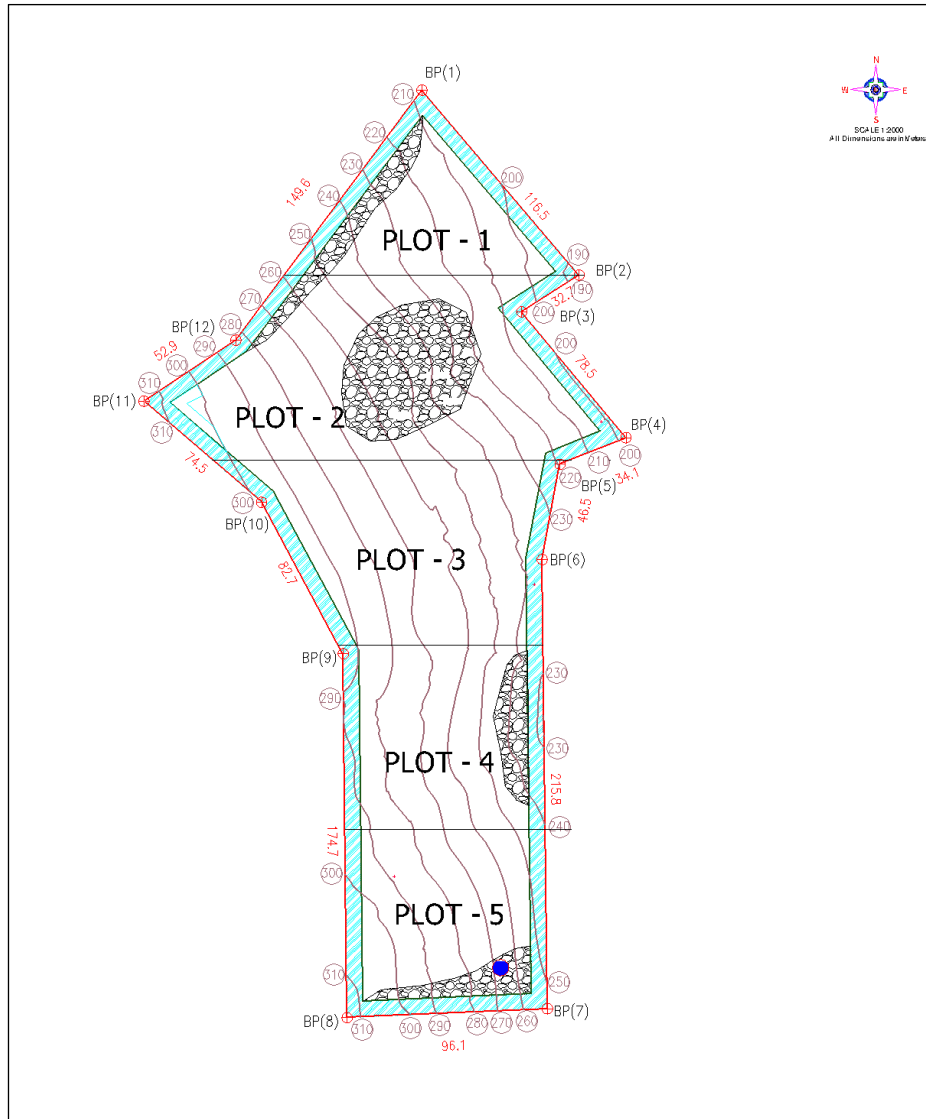
Birds were recorded along six line transects measuring 500m–1 km, systematically selected. All bird species seen or heard were recorded as present, irrespective of their distance from transects. As the primary objective of the study was to record the species present in the area, quantitative data, such as the number of individuals or the frequency of occurrence along each transect, were not collected. Birds were identified using binoculars and a field guide (Redman et al. 2011).

### **Butterflies**

The transect method suggested by Ishii (1993) and Pollard (1977) were followed for the survey and counted while walking along the selected transect route of in the habitat.

### **Herpeto fauna (Reptiles and Amphibians)**

The survey on the herpeto fauna was conducted at different micro-habitats during the day and in the evening. GPS records were taken to outline the area covered during the field survey, and to show specific points where specimens were encountered. Photos were taken using digital camera.



**Figure 2. Schematic Diagram with Sample Plots**

Baseline data were collected for flora and fauna during the field visit and presented in the report. Each plot selected randomly for sampling. Data not extrapolated to get the number of trees to be cut. We have surveyed the entire area to get the total number of trees to be removed for the proposed quarrying activity.

**Brief Summary of Rapid Biodiversity Assessment**

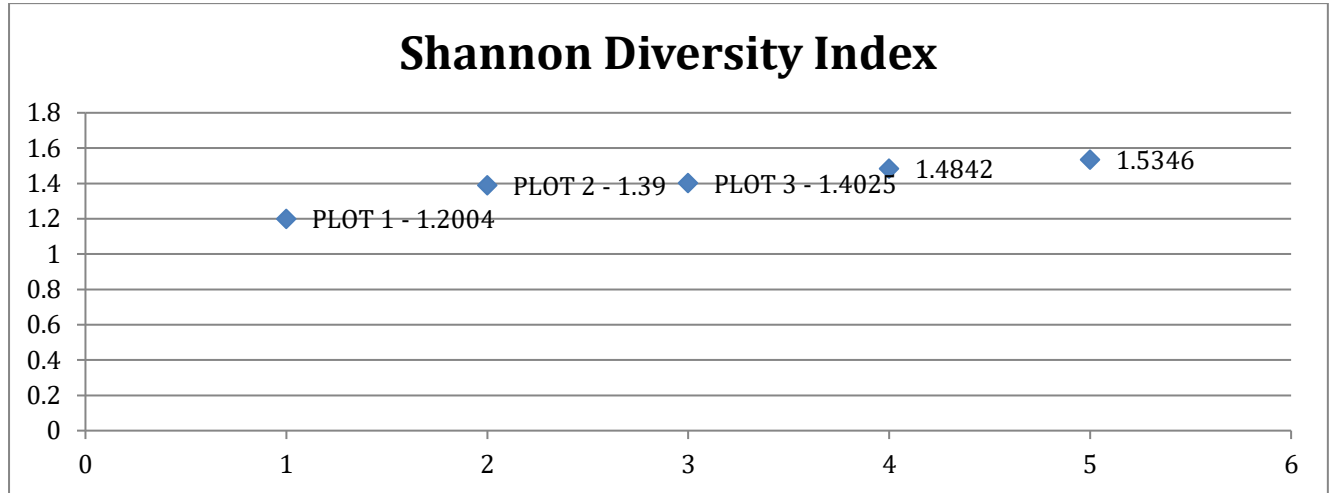
|    | Species   | Plot 1        |              | Plot 2        |              | Plot 3        |              | Plot 4        |              | Plot 5        |              | Total      |
|----|---|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|---------------|--------------|------------|
|    |   | Core Zone     | Barrier Zone | Core Zone     | Barrier Zone | Core Zone     | Barrier Zone | Core Zone     | Barrier Zone | Core Zone     | Barrier Zone |            |
| 1  | <i>Hevea bresiliensis</i>                       | 42            | 36           | 48            | 37           | 54            | 41           | 43            | 37           | 46            | 36           | 420        |
| 2  | <i>Artocarpus heterophyllus</i> Lam.            | 1             | 0            | 0             | 1            | 1             | 1            | 0             | 1            | 1             | 0            | 6          |
| 3  | <i>Bombax ceiba</i> L.                          | 1             | 1            | 1             | 0            | 0             | 1            | 1             | 1            | 1             | 1            | 8          |
| 4  | <i>Caryota urens</i> L.                         | 1             | 2            | 1             | 1            | 1             | 1            | 1             | 1            | 2             | 1            | 12         |
| 5  | <i>Cocos nucifera</i> L.                        | 1             | 1            | 1             | 2            | 3             | 1            | 1             | 0            | 2             | 1            | 13         |
| 6  | <i>Dillenia pentagyna</i> Roxb.                 | 0             | 1            | 0             | 1            | 0             | 0            | 0             | 1            | 1             | 0            | 4          |
| 7  | <i>Ficus hispida</i> L. f.                      | 1             | 2            | 2             | 2            | 3             | 2            | 3             | 2            | 3             | 3            | 23         |
| 8  | <i>Gliricidia sepium</i> (Jacq.) Kunth ex Walp. | 2             | 4            | 4             | 3            | 4             | 5            | 6             | 4            | 9             | 7            | 48         |
| 9  | <i>Macaranga peltata</i> (Roxb.) Muell.-Arg.    | 2             | 2            | 5             | 3            | 8             | 4            | 10            | 6            | 7             | 4            | 51         |
| 10 | <i>Mangifera indica</i> L.                      | 0             | 0            | 0             | 0            | 1             | 0            | 1             | 0            | 1             | 0            | 3          |
| 11 | <i>Sapindus trifoliatus</i> L.                  | 2             | 0            | 1             | 1            | 1             | 1            | 1             | 1            | 1             | 1            | 10         |
| 12 | <i>Swietenia macrophylla</i> King               | 1             | 2            | 3             | 3            | 4             | 3            | 5             | 7            | 2             | 4            | 34         |
| 13 | <i>Tectona grandis</i> L. f.                    | 1             | 1            | 2             | 4            | 3             | 1            | 1             | 1            | 2             | 1            | 17         |
| 14 | <i>Trema orientalis</i> (L.) Blume              | 0             | 0            | 1             | 1            | 2             | 1            | 1             | 0            | 1             | 1            | 8          |
|    | <i>Total</i>                                    | <b>55</b>     | <b>52</b>    | <b>69</b>     | <b>59</b>    | <b>85</b>     | <b>62</b>    | <b>74</b>     | <b>62</b>    | <b>79</b>     | <b>60</b>    | <b>657</b> |
|    | <i>Shannon diversity index</i>                  | <b>1.2004</b> |              | <b>1.3900</b> |              | <b>1.4025</b> |              | <b>1.4842</b> |              | <b>1.5346</b> |              |            |



No of tree within mining area (Core zone)– 362 nos

No of trees within Greenbelt barrier zone – 295 nos

The trees within the core zone has to be removed for excavation, and the trees within the barrier zone will be maintained as greenbelt barrier.



A total of 61 species of plants were record, of which 14 are trees, 21 are herbs, 17 are shrubs and 9 are climbers.

#### List of Trees

| Sl No. | Scientific Name                                 | Vernacular / English name | Family        | Approx. Number of Trees | IUCN Status |
|--------|---|---------------------------|---------------|-------------------------|-------------|
| 1.     | <i>Hevea bresiliensis</i>                       | Euphorbiaceae             | Rubber        | 420                     |             |
| 2.     | <i>Artocarpus heterophyllus</i> Lam.            | Moraceae                  | Plavu         | 6                       | LC          |
| 3.     | <i>Bombax ceiba</i> L.                          | Bombaceae                 | Poola         | 8                       | LC          |
| 4.     | <i>Caryota urens</i> L.                         | Arecaceae                 | Aanapana      | 12                      | LC          |
| 5.     | <i>Cocos nucifera</i> L.                        | Arecaceae                 | Thenga        | 13                      | LC          |
| 6.     | <i>Dillenia pentagyna</i> Roxb.                 | Dilleniaceae              | Kattupunnakai | 4                       | LC          |
| 7.     | <i>Ficus hispida</i> L. f.                      | Moraceae                  | Thondi        | 23                      | LC          |
| 8.     | <i>Gliricidia sepium</i> (Jacq.) Kunth ex Walp. | Fabaceae                  | Cheema konna  | 48                      | LC          |
| 9      | <i>Macaranga peltata</i> (Roxb.) Muell.-Arg.    | Euphorbiaceae             | Vatta         | 51                      | LC          |

|    |                                       |               |           |    |    |
|----|---------------------------------------|---------------|-----------|----|----|
| 10 | <i>Mangifera indica</i> L.            | Anacardiaceae | Mavu      | 3  | LC |
| 11 | <i>Sapindus trifolius</i> L.          | Sapindaceae   | Urulungi  | 10 | LC |
| 12 | <i>Swietenia macrophylla</i><br>King  | Meliaceae     | Mahogani  | 34 | LC |
| 13 | <i>Tectona grandis</i> L. f.          | Lamiaceae     | Thekku    | 17 | LC |
| 14 | <i>Trema orientalis</i> (L.)<br>Blume | Ulmaceae      | Aamathali | 8  | LC |

### List of Shrubs

| Sl No. | Scientific Name   | Vernacular/ English name | Local Name          |
|--------|---|--------------------------|---------------------|
| 1.     | <i>Acalypha fruticosa</i> Forssk.                       | Euphorbiaceae            | Balamunja           |
| 2.     | <i>Ageratina adenophora</i><br>(Spreng.) King & Robins. | Asteraceae               | Neelagiri           |
| 3.     | <i>Allophylus cobbe</i> (L.)<br>Raeusch.                | Sapindaceae              | Mukkannanpezhu      |
| 4.     | <i>Bambusa bambos</i> (L.) Voss                         | Poaceae                  | Karmmaram           |
| 5      | <i>Breynia retusa</i> (Dennst.)<br>Alston               | Euphorbiaceae            | Aattacherukola      |
| 6      | <i>Callicarpa tomentosa</i> (L.)<br>L. in Murr.         | Verbenaceae              | Cheruthekkku        |
| 7      | <i>Calotropis gigantea</i> (L.) R.<br>Br.               | Asclepiadaceae           | Erikku              |
| 8      | <i>Chromolaena odorata</i> (L.)<br>King & Robins.       | Asteraceae               | Communist-<br>pacha |
| 9      | <i>Clerodendrum infortunatum</i><br>L.                  | Verbenaceae              | Peruku              |
| 10     | <i>Crotalaria pallida</i> Dryand.                       | Fabaceae                 | Kilukilikki         |
| 11     | <i>Cycas circinalis</i> L.                              | Cycadaceae               | Eenth               |
| 12     | <i>Ficus hispida</i> L. f.                              | Moraceae                 | Thondi              |
| 13     | <i>Flueggea leucopyrus</i> Willd.                       | Euphorbiaceae            | Mulpulanji          |

|    |  |               |                        |
|----|--|---------------|------------------------|
| 14 | <i>Grewia nervosa</i> (Lour.)<br>Panigrahi | Tiliaceae     | Cherikkotta            |
| 15 | <i>Helicteres isora</i> L.                 | Sterculiaceae | Edampiri-<br>Valampiri |
| 16 | <i>Hibiscus hispidissimus</i><br>Griff.    | Malvaceae     | Anicham                |
| 17 | <i>Hyptis suaveolens</i> (L.) Poit.        | Lamiaceae     | Nattapoochedi          |

### List of Herbs

| Sl No. | Scientific name   | Vernacular/<br>name | English | Local Name        |
|--------|---|---------------------|---------|-------------------|
| 1.     | <i>Chrysopogon aciculatus</i> (Retz.)<br>Trin.            | Poaceae             |         | Asthrapullu       |
| 2.     | <i>Cleome burmannii</i> Wight &<br>Arn.                   | Capparaceae         |         | Kattukadugu       |
| 3.     | <i>Cleome viscosa</i> L.                                  | Capparaceae         |         | Vaikadugu         |
| 4.     | <i>Coldenia procumbens</i> L.                             | Boraginaceae        |         | Nilamparanda      |
| 5      | <i>Colocasia esculenta</i> (L.) Schott                    | Araceae             |         | Kaattuchembu      |
| 6      | <i>Commelina benghalensis</i> L.                          | Commelinaceae       |         | Adukkavettila     |
| 7      | <i>Costus speciosus</i> (Koenig) J.E.<br>Smith            | Costaceae           |         | Aanakoova         |
| 8      | <i>Curcuma longa</i> L.                                   | Zingiberaceae       |         | Manjal            |
| 9      | <i>Cyanotis cristata</i> (L.) D. Don                      | Commelinaceae       |         | Nabhali           |
| 10     | <i>Cyathula prostrata</i> (L.) Blume                      | Amaranthaceae       |         | Cherukadaladi     |
| 11     | <i>Cyperus iria</i> L.                                    | Cyperaceae          |         | Iria flatsedge    |
| 12     | <i>Cyperus rotundus</i> L.                                | Cyperaceae          |         | Karimuttan        |
| 13     | <i>Desmodium triflorum</i> (L.) DC.                       | Fabaceae            |         | Cherupulladi      |
| 14     | <i>Digitaria ciliaris</i> (Retz.) Koeler                  | Fabaceae            |         | Henry's crabgrass |
| 15     | <i>Drymaria cordata</i> (L.) Willd.<br>ex Roem. & Schult. | Caryophyllaceae     |         | Pipili            |
| 16     | <i>Elephantopus scaber</i> L.                             | Asteraceae          |         | Aanayadiyan       |
| 17     | <i>Emilia sonchifolia</i> (L.) DC.                        | Asteraceae          |         | Muyalchevian      |
| 18     | <i>Eragrostis unioloides</i> (Retz.)<br>Nees ex Steud.    | Poaceae             |         | Karayampullu      |
| 19     | <i>Galinsoga parviflora</i> Cav.                          | Asteraceae          |         | Mukuthipoovu      |

|    |   |               |               |
|----|---|---------------|---------------|
| 20 | <i>Gomphrena celosioides</i> Mart.      | Amaranthaceae | Nirvadamalli  |
| 21 | <i>Ischaemum indicum</i> (Houtt.) Merr. | Poaceae       | Chenkodipullu |

### List of Climbers

| Sl No. | Scientific name                                | Vernacular/ English name | Local name     |
|--------|--|--------------------------|----------------|
| 1      | <i>Centrosema molle</i> Benth.                 | Fabaceae                 | Aaral          |
| 2      | <i>Cryptolepis buchananii</i> Roem. & Schult.  | Periplocaceae            | Kattupalvalli  |
| 3      | <i>Dioscorea esculenta</i> (Lour.) Burkill     | Dioscoreaceae            | Cherukizhangu  |
| 4      | <i>Diplocyclos palmatus</i> (L.) Jeffrey       | Cucurbitaceae            | Iyiviralikkova |
| 5      | <i>Hemidesmus indicus</i> (L.) R. Br.          | Periplocaceae            | Nannari        |
| 6      | <i>Ipomoea cairica</i> (L.) Sweet              | Convolvulaceae           | Kolambipoo     |
| 7      | <i>Luffa cylindrica</i> (L.) Roem.             | Cucurbitaceae            | Peechinga      |
| 8      | <i>Merremia umbellata</i> (L.) Hall. f.        | Convolvulaceae           | Kolavaravalli  |
| 9      | <i>Mikania micrantha</i> Kunth                 | Asteraceae               | Vayara         |
| 10     | <i>Mimosa diplotricha</i> C. Wight ex Sanvalle | Fabaceae                 | Aanathottavadi |
| 11     | <i>Mucuna pruriens</i> (L.) DC.                | Fabaceae                 | Naikurana      |

### FAUNAL DIVERSITY

Total 43 species of fauna observed in the site in which, Bird Species – 14, Butterflies Species – 15, Odonates -3, Vertebrates – 4, Reptiles -7

### List of Birds

| Sl No. | Scientific Name             | Vernacular/ English name     |
|--------|-----------------------------|------------------------------|
| 1.     | <i>Dicrurus paradiseus</i>  | Greater Racket-tailed Drongo |
| 2.     | <i>Dicrurus macrocercus</i> | Black Drongo                 |

|     |                               |                            |
|-----|-------------------------------|----------------------------|
| 3.  | <i>Muscicapadauurica</i>      | Asian Brown Flycatcher     |
| 4.  | <i>Centropussinensis</i>      | Greater Coucal             |
| 5.  | <i>Megalaimaviridis</i>       | White-cheeked Barbet       |
| 6.  | <i>Eudynamysscolopaceus</i>   | Asian Koel                 |
| 7.  | <i>Argyastriata</i>           | Jungle Babbler             |
| 8.  | <i>Oriolusxanthornus</i>      | Black hooded Oriole        |
| 9.  | <i>Dicaeumerythrorhynchos</i> | Pale billed Flower pecker  |
| 10. | <i>Terpsiphoneparadisi</i>    | Indian paradise flycatcher |
| 11. | <i>Haliasturindus</i>         | Brahmini Kite              |
| 12. | <i>Acridotherestrictis</i>    | Common Myna                |
| 13. | <i>Milvusmigrans</i>          | Black Kite                 |
| 14. | <i>Corvussplendens</i>        | Crow                       |

#### List of Butterflies

| SI No. | Scientific Name                   | Vernacular/ English name |
|--------|-----------------------------------|--------------------------|
| 1.     | <i>Graphium Agamemnon</i>         | Tailed Jay               |
| 2.     | <i>Pachlioptaaristolochiae</i>    | Common Rose              |
| 3.     | <i>Danauschrysippuschrysippus</i> | Plain Tiger              |
| 4.     | <i>Ariadne merionemerione</i>     | Common Castor            |
| 5.     | <i>Catopsilia Pomona</i>          | Common Emigrant          |
| 6.     | <i>Papiliopolytesromulus</i>      | Indian Common Mormon     |
| 7.     | <i>Talica danyseus</i>            | Red Pierrot              |
| 8.     | <i>Hypolimnasmisippus</i>         | Danaid Eggfly            |
| 9.     | <i>Euploea core</i>               | Common Crow              |
| 10.    | <i>Melanitis leda</i>             | Common Evening Brown     |
| 11.    | <i>Junonia atlites</i>            | Oriental Grey Pansy      |
| 12.    | <i>Zizeeria karsandra</i>         | Dark Grass Blue          |

|     |                       |                   |
|-----|-----------------------|-------------------|
| 13. | <i>Suastusgremius</i> | Indian Palm Bob   |
| 14. | <i>Jamidesceleno</i>  | Common Cerulean   |
| 15. | <i>Troidesminos</i>   | Southern Birdwing |

#### List of Odonates

| SI No. | Scientific Name                            | Vernacular/ English name     |
|--------|--|------------------------------|
| 1.     | <i>Ischnurarubilio</i>                     | Western Golden Marsh Dartlet |
| 2.     | <i>Ceriagrioncoromandelianum Fabricius</i> | Corromandel Marsh Dart       |
| 3.     | <i>Bradinopygageminata</i>                 | Granite Ghost                |

#### List of Vertebrates

| SI No. | Scientific Name             | Vernacular/ English name |
|--------|-----------------------------|--------------------------|
| 1.     | <i>Lycodontravancoricus</i> | Travancore Wolf Snake    |
| 2.     | <i>Dendrelaphistristis</i>  | Bronze Backed Tree Snake |
| 3.     | <i>Calotesversicolor</i>    | Garden Lizard            |
| 4.     | <i>Eutropiscarinata</i>     | Common Keeled Skink      |

#### List of Reptiles

| Sl. No | Scientific Name                        | Vernacular Name          |
|--------|--|--------------------------|
| 1      | <i>Calotes versicolor</i> Daudin       | Garden lizard            |
| 2      | <i>Ahaetulla nasuta</i> Lacepede       | Common Vine Snake        |
| 4      | <i>Indotyphlops braminus</i><br>Daudin | Brahminy blind snake     |
| 6      | <i>Scolopendra morsitans</i> L         | Red-headed centipede     |
| 7      | <i>Harpaphe haydeniana</i> W.          | Yellow-spotted millipede |

#### Records of threatened species in the area

No threatened species were observed

#### Endangered Species as per Wildlife (Protection) Act:

No Endangered fauna was recorded in the project area.

#### Endemic Species of the Project areas:

No endemic species were observed in the project area.

**Migratory species of the Project areas:**

No migratory fauna observed in project area.

**Migratory corridors and Flight paths:**

No migratory corridors and Flight paths were observed in project area.

**Breeding and spawning grounds:**

No breeding and spawning grounds were earmarked for the wildlife fauna in project area.

**Plant composition**

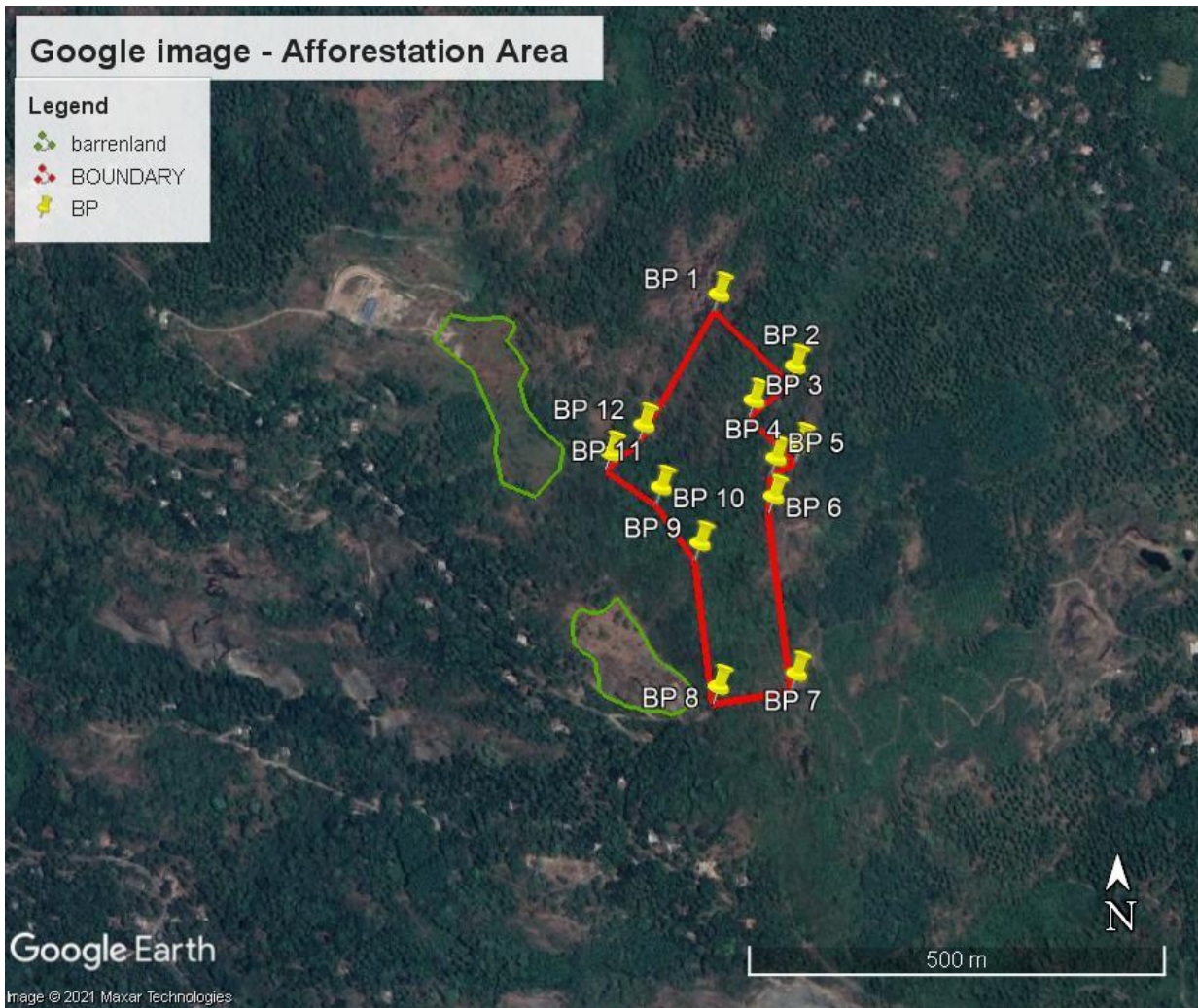
The vegetation of the study area was subdivided into 10×10 m plots for the analysis of tree composition, with a subdivision of this area into 1m ×1 m for analysis of shrub and herb composition as per the standard methodology. Totally 61 species of plants identified from the study area and the representation of these species composition indicates that, this vegetation belongs to moist deciduous type vegetation. Out of these nine were species of trees, nine were species of shrubs, six were species of climbers and four species of herbs were noted.

**CONCLUSION**

As discussed above area was found with least concerned species, where as it is a thick vegetation. We proposed here that active reforestation program has to be implemented with the recommended species at the nearby owned area and buffer zone.

**Afforestation Plan**

The total number of trees within the mine lease area is 657 in which 295 trees are in the barrier zone and 362 trees are in mining core area. The trees within the mining core area has to be removed for the mining activities. To compensate the loss of 362 trees, here by suggesting an afforestation of 750 trees in the nearby barren land. And also the greenbelt barrier zone will be maintained with more plantations.



Google image location

**List of species recommended for greenbelt and afforestation**

| Sl.No. | Scientific name                   | Common name     |
|--------|-----------------------------------|-----------------|
| 1      | <i>Anogeissus latifolia</i>       | Mazhukanjiram   |
| 2      | <i>Terminalia arjuna</i>          | Neermaruthu     |
| 3      | <i>Dalbergia latifolia</i>        | Eeti            |
| 4      | <i>Sterculia villosa</i>          | Para Vakka      |
| 5      | <i>Butea monosperma</i>           | Chamatha        |
| 6      | <i>Bombax ceiba</i>               | Elavu           |
| 7      | <i>Dillenia pentagyna</i>         | Pattipunna      |
| 9      | <i>Grewia tiliifolia</i>          | Unnam, Chadachi |
| 10     | <i>Alstonia scholaris</i>         | Eazhilam pala   |
| 11     | <i>Holarrhena antidysenterica</i> | Kudakapala      |
| 12     | <i>Wrightia tinctoria</i>         | Danthapala      |

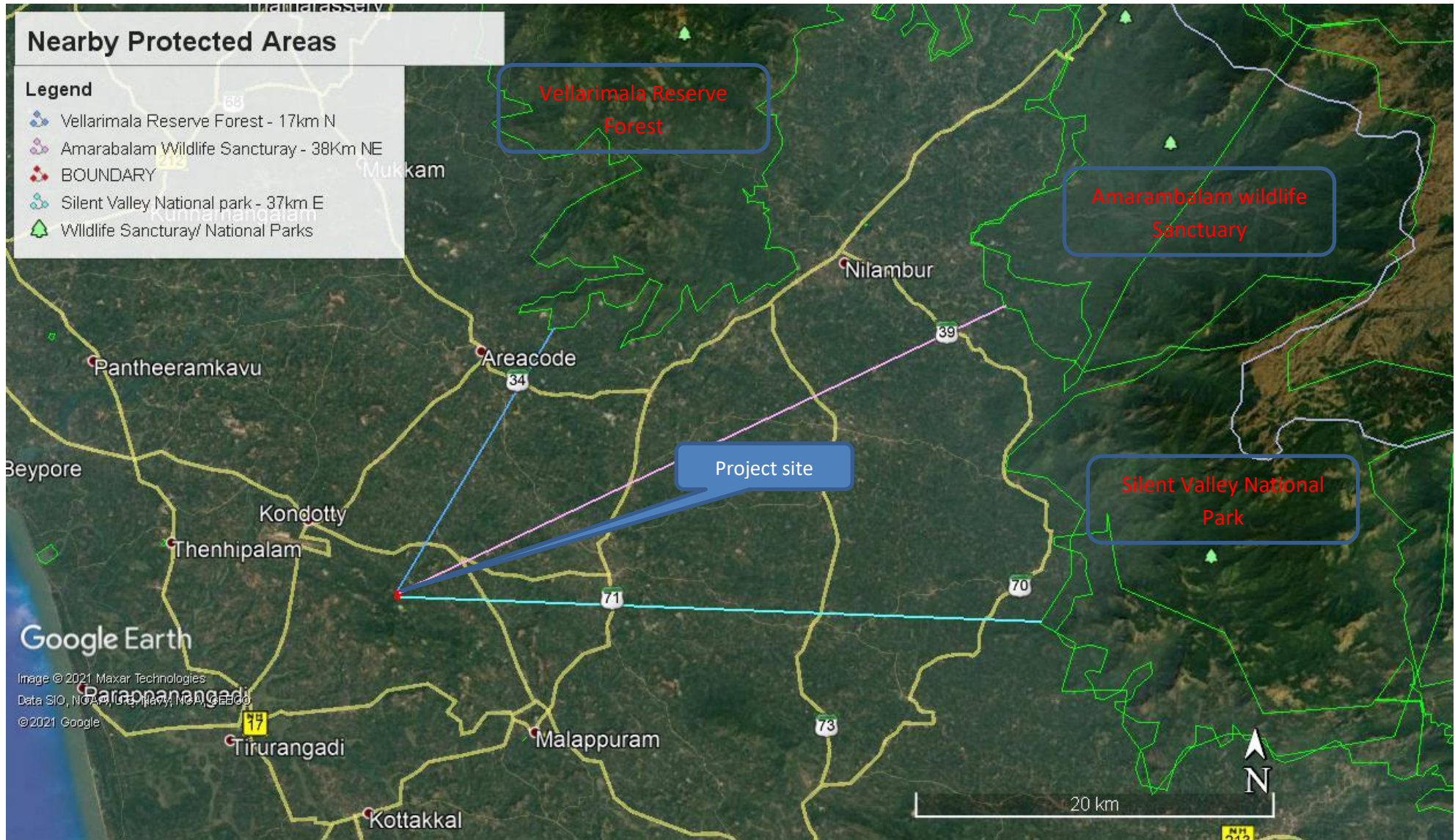


|    |                          |             |
|----|--------------------------|-------------|
| 13 | Tabernaemontana heyneana | Koonanpala  |
| 14 | Mimusops elengi          | Elanji      |
| 15 | Mimusops sp              | Mala Elanji |
| 16 | Schleichera oleosa       | Poovam      |
| 17 | Litsea coriacea          | Vettithali  |
| 18 | Chionanthus mala-elengi  | Elanji      |
| 19 | Tamarindus indica        | Puli        |
| 20 | Wrightia sp              | Kambi Pala  |
| 21 | Ficus benghalensis       | Aal         |
| 22 | Ficus mysorensis         | Aal         |
| 23 | Ficus callosa            | Aal         |
| 24 | Polyanthia longifolia    | Arana maram |

\*\*\*\*\*

## Distance from Nearest Wildlife Sanctuary/Protected Area

Silent Valley National Park – 37 km SE of the proposed quarry





**GOVERNMENT OF KERALA**

# **DISTRICT SURVEY REPORT OF MINOR MINERALS (EXCEPT RIVER SAND)**

## **MALAPPURAM DISTRICT**

**Prepared as per  
Environment Impact Assessment (EIA) Notification, 2006 issued  
under Environment (Protection) Act 1986  
by**

**DEPARTMENT OF MINING AND GEOLOGY  
[www.dmg.kerala.gov.in](http://www.dmg.kerala.gov.in)**

**November, 2016  
Thiruvananthapuram**

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Annexure 1. Geology of Kerala



# DISTRICT SURVEY REPORT OF MINOR MINERALS

## MALAPPURAM DISTRICT

(This report is to be submitted along with application for Environmental Clearance (EC) for mining of all minor minerals except river sand)

### 1 Introduction

Malappuram district forms part of Malabar region of Kerala, which is predominantly a land of hills and valleys. Malappuram literally means an elevated place on the top of hills. The district has a unique place in the geological history in view of the fact that Laterite, first identified in the area near Angadippuram by Francis Buchanan is the type area of Laterite. The district lies between North latitudes 10° 40' and 11° 32' and East longitude 75° 50' and 76° 36'.

The *Nilgiris* of Tamil Nadu in the east and Lakshadweep Sea in the west provide natural boundaries. In the north it is bounded by Kozhikode and Wayanad districts and in the south by Palakkad and Trichur districts. The district has a geographical area of 3550 sq.km, which is 9.13 % of the total area of the State.

In 2011, Malappuram had population of 4,110,956 of which male and female were 1,961,014 and 2,149,942 respectively. There was an increase of 13.39 percent in the population compared to population as per 2001. The initial provisional data suggest a density of 1,158 in 2011 compared to 1,021 of 2001. Malappuram ranks 3<sup>rd</sup> in the area and first in the population of the State. Out of the total population 55.81% (2,294,473) is in the rural area and the rest (1,816,483) is in the urban area. Malappuram contributes 12.31% of the total population of the state.

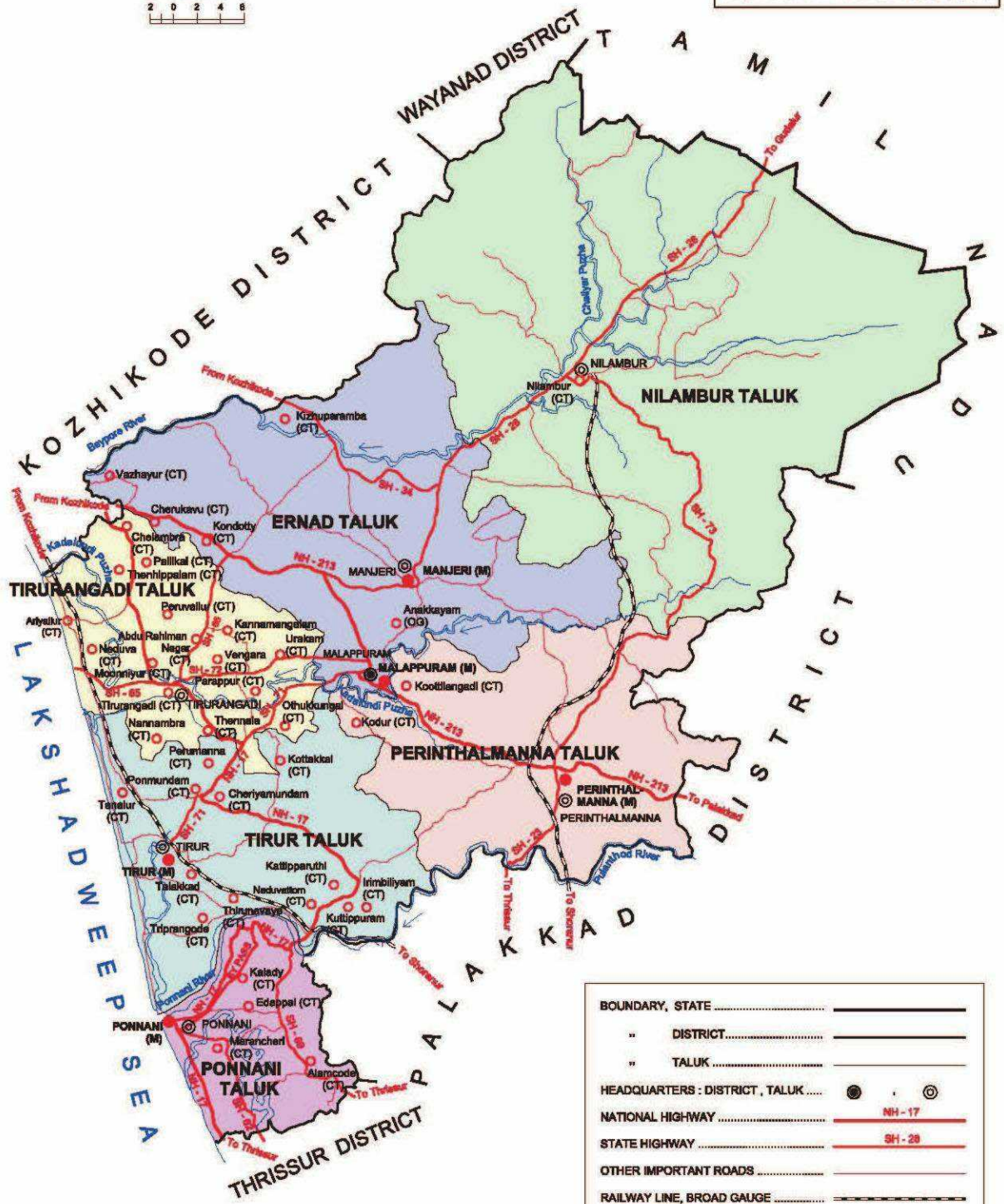
The district is accessible by air, rail and road. The Kozhikode airport is situated near Kondotty in the district. The Kanyakumari-Mangalore-Mumbai broad gauge railway line passes through the western parts of the district. There is another branch rail line to Nilambur from Shornur (Palakkad district). The NH 17 which connects Cochin and Mangalore passes through the western portion of the district.

The Headquarters of the district is at Malappuram. The district has two Revenue Divisions with Headquarters at Perinthalmanna and Tirur. There are 6 taluks namely Ernad (Headquarters at Manjeri), Perinthalmanna, Tirur, Ponnani, Nilambur and Tirurangadi (Headquarters at Parappanangadi), 15 blocks, 100 panchayats and 150 villages. There are 7 Municipalities namely Malappuram, Kottakkal, Ponnani, Perinthalmanna, Tirur, Manjeri and Nilambur.

INDIA  
KERALA  
**MALAPPURAM DISTRICT**



|                            |                |
|----------------------------|----------------|
| NUMBER OF TALUKS.....      | : 8            |
| STATUTORY TOWNS            | : 5            |
| CENSUS TOWNS               | : 39           |
| OUT GROWTHS                | : 1            |
| VILLAGES                   | : 83           |
| TOTAL AREA OF THE DISTRICT | : 3560 Sq. Km. |



|   |         |
|---|---------|
| BOUNDARY, STATE .....                           | —————   |
| " DISTRICT .....                                | —————   |
| " TALUK .....                                   | —————   |
| HEADQUARTERS : DISTRICT , TALUK ....            | ●     ○ |
| NATIONAL HIGHWAY .....                          | NH - 17 |
| STATE HIGHWAY .....                             | SH - 29 |
| OTHER IMPORTANT ROADS .....                     | —————   |
| RAILWAY LINE, BROAD GAUGE .....                 | —————   |
| RIVER AND STREAM.....                           | ~~~~~   |
| STATUTORY TOWN / CENSUS TOWN & OUT GROWTH ..... | ●     ○ |

## 2 Drainage and Irrigation

Malappuram district is mainly drained by the *Kadalundi River*, *Chaliyar River* and *Bharathapuzha* (locally known as Ponnani River). Of these rivers, only *Chaliyar* and *Bharathapuzha* are perennial and all others get dried up in summer and hence

Malappuram district is drought prone. The *Kadalundi River* is formed by the confluence of its two main tributaries viz; the *Olipuzha* and the *Veliyar*. The *Olipuzha* takes its origin from 'the *Cherakkobban Mala*' (1160 m amsl) and the *Veliyar* originates from the forest of the '*Erattakomban Mala*' (1190 m amsl). The *Kadalundi River* is 130 km long with a drainage area of 1274 sq. km. The river joins the Lakshadweep Sea at about 5 km south of the Chaliyar river mouth.

The *Chaliyar River*, one of the major rivers of the State, originates from the Ilambalari Hills in Nilgiri district of Tamil Nadu (2066 m amsl). The river flows along the northern boundary of Malappuram district through Nilambur, Mambad, Edavanna, Areakode and Feroke. It joins the Lakshadweep Sea near Beypore. The river is 169 km long with a drainage area of 2535 sq. km in Kerala State.

The *Bharathapuzha* or the Ponnani River is the second longest river of Kerala, originating from the Anamalai Hills (1964 m amsl) in the Western Ghats. The river below the confluence of Bharathapuzha and Gayathripuzha is called the Ponnani River. It flows through the districts of Palakkad, Malappuram and Trichur and drains into the Lakshadweep Sea near Ponnani town in Malappuram district.

The drainage pattern of the three rivers in the district is generally dendritic. Tidal effects are experienced in places such as Vallikkunnu and Tirurangadi, which are 6 to 8 km away from the coast. Analysis of the drainage characteristics of the two basins reveals that Kadalundi river is a fourth order stream, the Ponnani river is fifth order stream and the Chaliyar river is a seventh order stream.

## 3 Rainfall and climate

The district has more or less the same climatic conditions prevalent elsewhere in the State viz. dry season from December to February and hot season from March to May, the South-West monsoon from June to September and the North-East monsoon from October to December. The normal rainfall of the district is 2793.3 mm. Out of this, major rainfall contribution is from SW monsoon followed by the NE monsoon. The South West monsoon is usually very heavy and nearly 73.5% of the rainfall is received during this season. NE monsoon contributes nearly 16.4% and March to May summer rain contributes nearly 9.9% and the balance 0.2% is accounted for during January and February months.



## 4 Meteorological parameters

### 4.1 Temperature

The climate is generally hot and humid. March and April months are the hottest and January and February months are the coldest. The maximum temperatures ranges from 28.9 to 36.2°C and the minimum temperatures range from 17.0 to 23.4°C. The temperature starts rising from January and reaches the peak in the month of March and April and then decreases during the monsoon month and again rising from September onwards.

### 4.2 Wind

The wind is predominant from east as well as west during morning and evening hours. The wind speed is more during December to February months. It ranges from 2.9 to 7.2 km per hour.

### 4.3 Humidity

The relative humidity ranges from 84 to 94 % during morning hours. The humidity is more during the peak monsoon months from June to September.

### 4.4 Geology

From the exposure pattern of the rock types, the district can be divided into two geological belts: (i) Charnockite group of rocks covering a major part and (ii) Migmatite Complex towards the east. Wayanad group is represented by small bodies of meta-ultramafites (tal-tremolite schist, talc-pyroxene-garnet schist, banded magnetite quartzite) and high-grade schist and gneiss (hornblende-biotite schist and gneiss+garnet with amphibolite band) which extends into Tamil Nadu where it is known as Sathyamangalam Group. The rocks of Peninsular Gneissic Complex, represented by granite gneiss and hornblende-biotite gneiss, form the next younger sequence. They have a very limited distribution near the eastern boundary. They have a very limited distribution near the eastern boundary, extending into the adjacent district where they are known as Bhawani Group. A linear band of granite gneiss NE of Perinthalmanna and a large body of hornblende-biotite gneiss east of Manjeri are prominent units. Charnockit Group includes charnockite/charnockite gneiss, having the largest areal distribution, followed in decreasing order of abundance by banded magnetite quartzite, pyroxene granulite, amphibolite/hornblende granulite and pyroxenite, which occur as concordant as well as discordant bands, lenses, layers and enclaves both within charnockite as well as within gneisses of Migmatite Complex. The Migmatite Complex is represented by biotite-hornblende gneiss (or hornblende-biotite gneiss) and quartzo-feldspathic

gneiss/garnet-biotite gneiss with enclaves of garnet-sillimanite gneiss+graphite distributed mostly in the central and northeastern part. Pegmatite and quartz veins constitute the acid intrusives, whereas gabbro and dolerite are basic intrusives. Near the coast, isolated cappings of Neogene Warkalli sediments comprising grit and clay beds are noticed. Lateritisation is widespread, at places attaining a thickness of more than 10m. Extensive plateaus with laterite ‘mesas’ are common in the area. Angadipuram (west of Perinthalmanna), the type locality of laterite falls in this district. Quaternary unconsolidated sediments are restricted to the coastal plain. They have been classified into different morpho-stratigraphic units based on their lithic content and environment of formation. Guruvayur Formation (palaeo-marine), Periyar Formation (fluvial), Viyyam Formation (fluvio-marine) and Kadappuram Formation (marine) (*Figure 1*). The geology of the district given above may be read with the “Geology of Kerala” which is given as Annexure 1 for better understanding of geological succession and stratigraphic sequence.



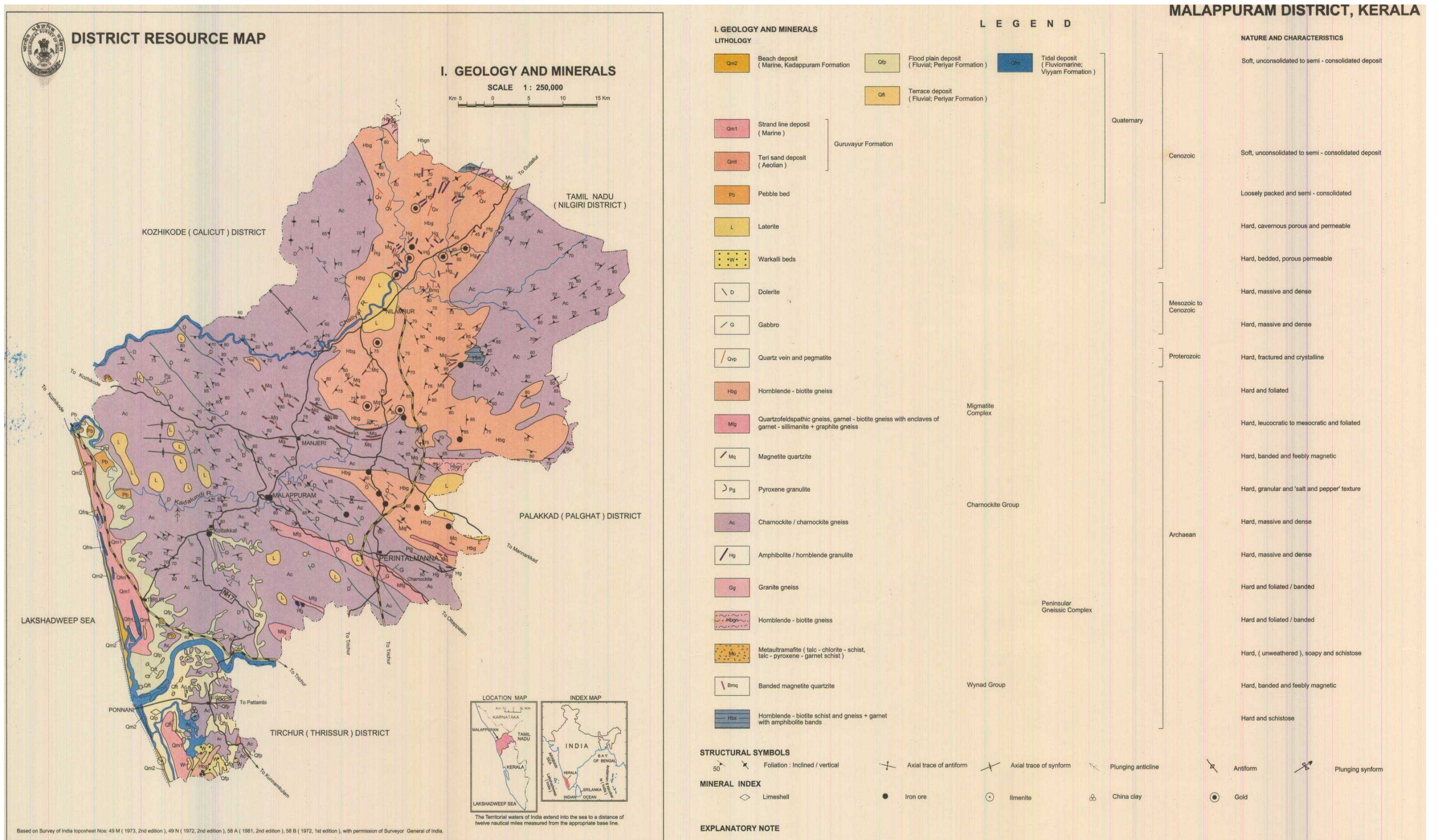


Figure 1: Geology and mineral resources of Malappuram. (Source: District Resource map, Malappuram district, Geological Survey of India)



## 5 Geomorphology

Geomorphologically the district can be divided into three physiographic units from west to east viz. coastal plain (less than 7.5 m amsl), mid land (7.5 – 75 m amsl) and highland (above 75 m amsl) or hilly terrain. The coastal plains extend as a narrow stretch of land lying along the coast from Kadalundi Nagaram in the north to Ponnani in the south. It exhibits depositional landforms of marine, fluvial and fluvio-marine origin. Palaeo-beach ridges suggestive of marine regression in the Quaternary period are well developed in the coastal tract. It becomes very narrow towards north of Tirur and the maximum width is seen along Chauravallam - Tirurangadi area. The area lying between the coastal plain in the west and the high ranges in the east is occupied by midlands. This is the most prominent physiographic unit of the district. The midland region is relatively wide with elevations ranging between 200 and 300m. It is a denudational terrain characterised by flat-topped laterite capped flats, mesas, interfluves, hills, mounds and spurs interspersed by narrow valleys as well as wide alluvial valleys and flood plain. Geomorphological studies in this region have brought out remnants of four palaeoplanation surfaces. Around 550m, 350-400m, 150-230m and 45-130m above msl. Of these the first two surfaces only have accordance of summits with relicts of laterite, whereas the latter two have extensive and plateau-type remnants with thick laterite profile. The hilly region in the east is more than 600m high. The terrain is characterised by hills and narrow incised valleys representing structural cum denudational landforms. This is characterized by flat topped hillock with steep 'U' shaped valleys and ridges. The valley forms potential area for agriculture including paddy, arecanut, vegetable, banana and coconut. The hill tops are generally barren and covered by thick and compact laterite. The eastern parts of the district are characterized by steep hills, gorges and escarpments. The elevation of the hill ranges goes up to 1127 m amsl. Most of the high lands are occupied by forests. Chaliyar puzha is the major river draining the northern part, Kadalundi puzha drains the central part, while the lower reaches of Ponnani puzha drain the coastal tract in the south (*Figure 2*).

## 6 Land Use

Broadly, four types of landuse can be seen in the district. A large part of the area, especially the coastal tract and the midland areas come under arable land, used for cultivation of different crops, both irrigated and non-irrigated. The coastal tracts are densely inhabited. Forests are seen along the east and north, forming part of tropical evergreen forest supporting a variety of plant and animal life. Cashew and rubber are the main commercial crops of the area. The thick laterite 'duricrust' capping the hillocks generally does not support any vegetation, hence such areas are demarcated as wasteland (*Figure 3*).

## 7 Soil types

On the basis of morphological and physico-chemical properties, the Soil Survey Division of Department of Agriculture, Govt. of Kerala has classified the soils of the district into the following types

### *Soils of the low lands (Alluvial soil)*

Those are mainly seen along the coastal plains and valleys. The soils range from exclusively drained to moderately/well drained sand to sandy clay in nature.

### *Soils of Mid/Up lands (Lateritic soil)*

These are mostly lateritic soil, and is seen along the mid land portion of the district. These are deep to very deep, well drained, and gravelly to clayey.

### *Soils of Central Sahyadri (Hydromorphic soil)*

These are deep moderate, well drained and clayey soils with high gravel content. Erosion is moderate to severe. Hard laterites with rock out crops are present.

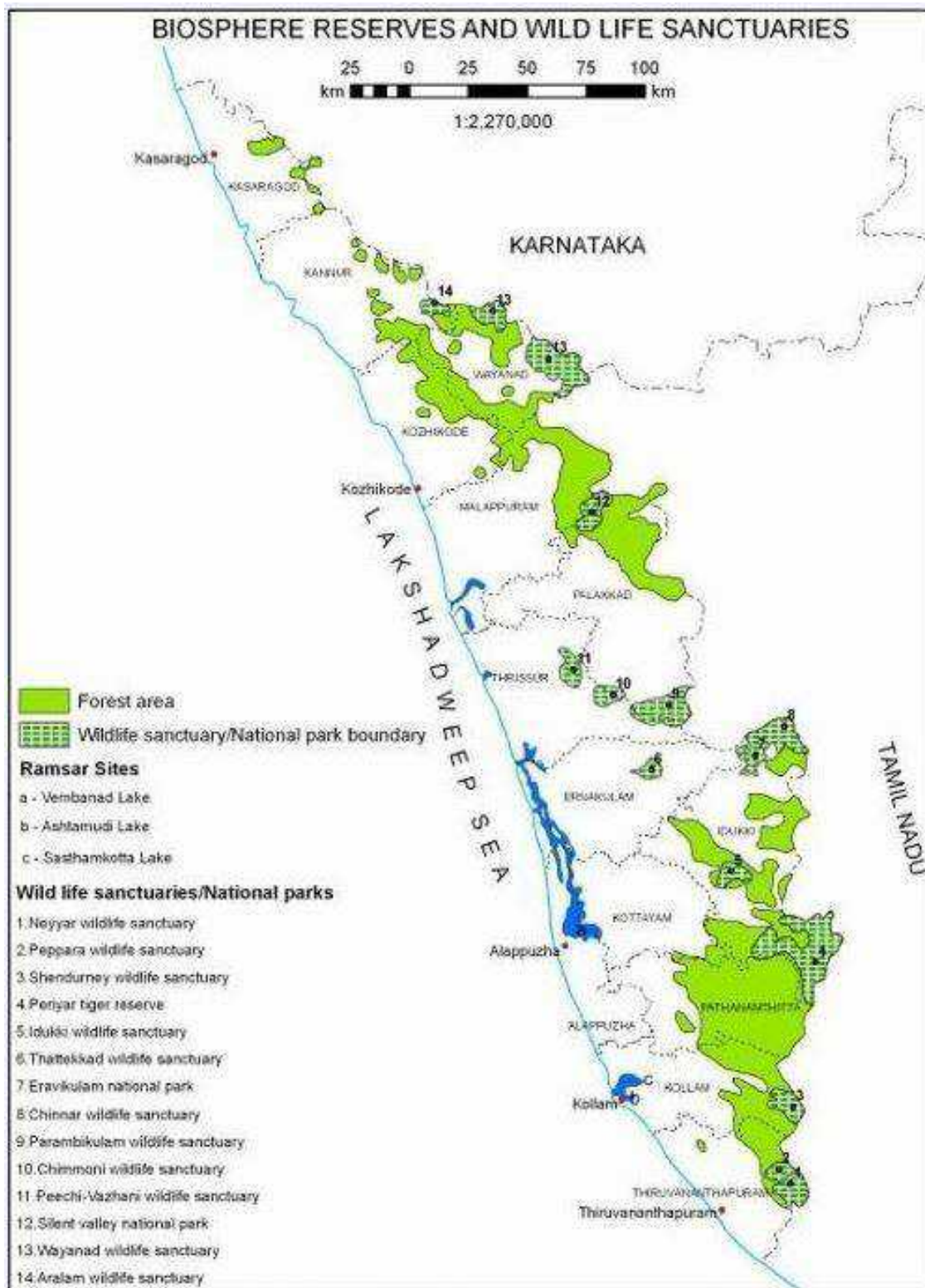
### *Soils of eastern part of Malappuram (Forest loamy soil)*

These soils are deep or very deep and well drained with loamy to clayey textures and having fairly high gravel content.

## 8 Forest

The district has a total forest area of 1,03,417 hectares, i.e., 28.47% of total geographical area. The major forest area is concentrated in Nilambur and Wandoor blocks and Melattur in the Western Ghats. Of the forests, 80% is deciduous and the rest is evergreen. Teak, rosewood, venteak, choropin, mahogoni, etc. are the important trees. Other varieties like kulamavu and villapine are used in the plywood industry. Bamboo is extensively grown in all parts of the forest. The district has also several man made plantations, mainly of teak. A mammoth effort under the Nilgiri Biosphere Project is underway to protect and regenerate the natural forests. Afforestation is also being done under the Wasteland Development Programme.

Elephants, deers, tigers, blue monkeys, dears, boars, rabbits etc. are found in the forests along with a variety of birds and reptiles. Forests are the main source of raw material for a number of wood-based industrial units. Besides timber, firewood and green manure, forest produces like honey, medicinal herbs, spices etc. are collected. Minor forest produces are collected by the tribals. A Girijan Society functions for ensuring fair prices for collected items and for arranging supply of essential commodities to the tribal families. Bamboo for pulp factories is mainly supplied from Nilambur forests. The forests are protected by two forest divisions- Nilambur North and Nilambur South. The social forestry division promotes planting of trees outside forest lands, for protecting the forests.



Source : Department of Forests, Govt. of Kerala, 2010.

## 9 Groundwater scenario

The coastal plain with alluvial soil and high precipitation is a potential aquifer, suitable for filter point and tube wells. In the midland area with thick laterite cover open dug wells are ideal for tapping water for domestic needs. However, the valleys with alluvial deposit are highly potential for groundwater development. In the foothills of the mountains characterised by undulating topography, only valleys yield good groundwater. Some of the fracture zones or lineaments are also potential, but bore wells are site specific. The mountainous terrain in the east is generally unsuitable for groundwater development (*Figure 4*).

Hydrogeologically, the aquifer system in the district can be broadly divided into Crystalline aquifers (fractured basement rock aquifers), Laterite aquifers, Lateralized sedimentary (Tertiary) aquifers and Alluvial aquifers. Crystalline and Laterite aquifers constitute major part (85%) of the district.

## 10 Natural hazards

The area comes under zone III and indicates moderate seismicity (*Figure 5*).



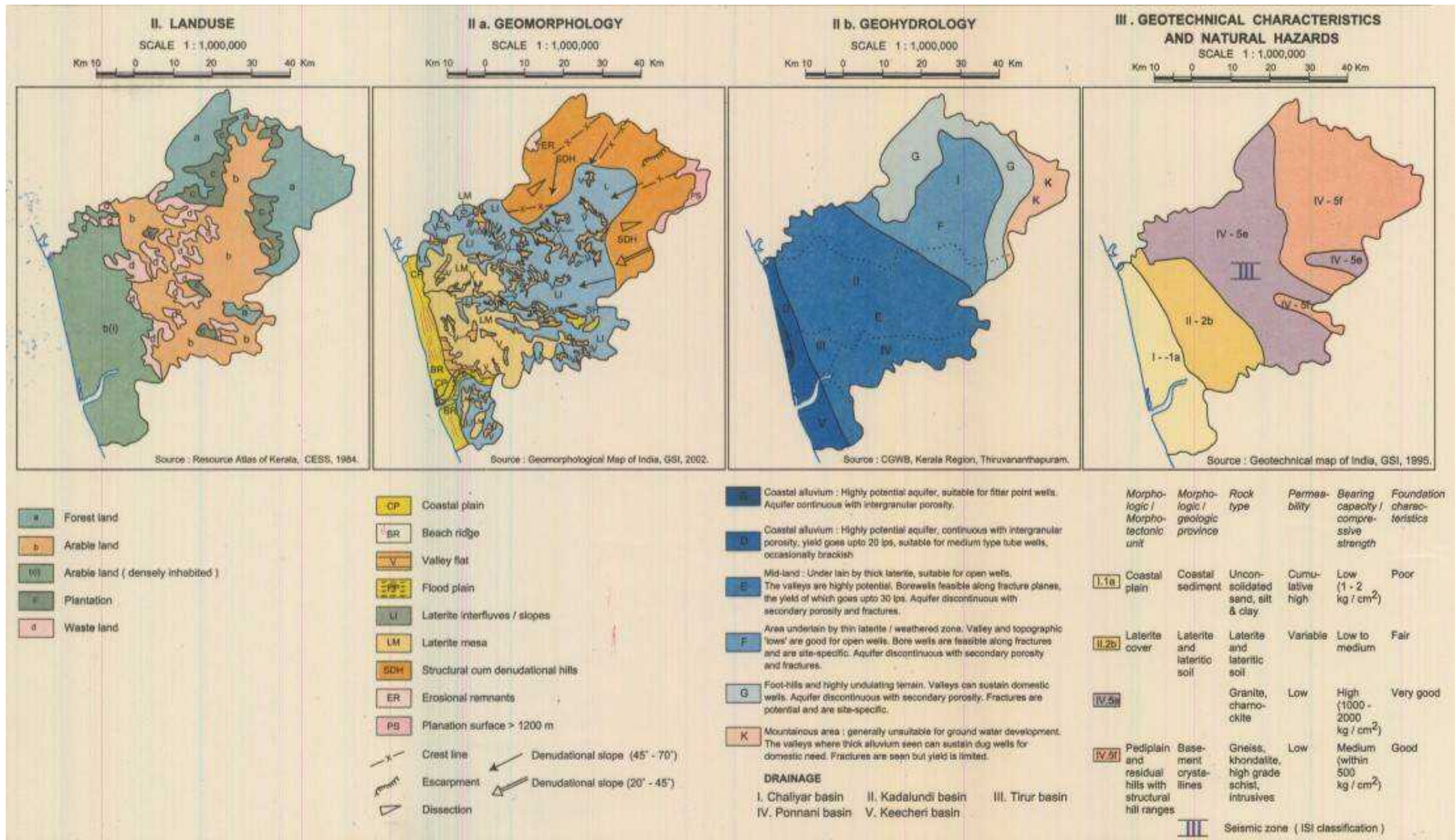


Figure 3: Landuse of Malappuram. (Source: District Resource map, Malappuram district, Geological Survey of India)

Figure 2: Geomorphology of Malappuram. (Source: District Resource map, Malappuram district, Geological Survey of India)

Figure 4: Geohydrology of Malappuram. (Source: District Resource map, Malappuram district, Geological Survey of India)

Figure 5: Geotechnical characteristics and natural hazards map of Malappuram. (Source: District Resource map, Malappuram district, Geological Survey of India)



## **11 Mineral Resources**

### **11.1 Major minerals**

The economic minerals reported from the district are iron ore, gold, clay limeshell etc. Good deposits of iron ore (magnetite) occur at Korattimala. Both primary and secondary (placer) gold are reported from the district. Kappil, Mankada, Kadannamanna, Valambuur and Maruda areas are known for occurrence of primary gold associated with quartz veins traversing the Archaean metamorphic rocks. Placer gold (gravels) is reported from Nilambur valley along the channels and traces of Chaliyar puzha, Punnapuzha, Pandi puzha, Karakkod puzha and Maradi puzha. Both china clay and tile clay deposits occur in the district. China clay formed by insitu weathering of gneiss and charnockite and also sedimentary origin associated with the Warkalli Beds are present. These clay deposits are seen along the flood plains. The alluvium near Ponnani is rich in lime shell. The beach sands south of Ponnani show high content of ilmenite.

### **11.2 Minor Minerals**

#### **11.2.1 Ordinary Earth**

Ordinary earth is the common name used for the soils. Soil is made up of three main components – minerals that come from rocks below or nearby, organic matter which is the remains of plants and animals that use the soil, and the living organisms that reside in the soil. The proportion of each of these is important in determining the type of soil that is present. But other factors such as climate, vegetation, time, the surrounding terrain, and even human activities (eg. farming, grazing, gardening, landscaping, etc.), are also important in influencing how soil is formed and the types of soil that occur in a particular landscape. The formation of soils can be seen as a combination of the products of weathering, structural development of the soil, differentiation of that structure into horizons or layers, and lastly, of its movement or translocation. In fact, there are many ways in which soil may be transported away from the location where it was first formed. Soils represent one of the most complex and dynamic natural systems and are one of the three major natural resources, other than air and water. Knowledge of their chemical, physical and biological properties is a prerequisite both for sustaining the productivity of the land, e.g. agriculture, and for conservation purposes. Soil is an integral part of a terrestrial ecosystem and fulfills numerous functions including the capacity to generate biomass and the filtering or buffering activities between the atmosphere and the groundwater in the biosphere. Soils have many important functions. Perhaps the best appreciated is the function to support the growth of agricultural and

horticultural crops. Soil is the mainstay of agriculture and horticulture, forming as it does the medium in which growth and ultimately the yield of food producing crops occurs. Farmers and gardeners have worked with their soils over many centuries to produce increasing amounts of food to keep pace with the needs of a burgeoning world population. The soil's natural cycles go a long way in ensuring that the soil can provide an adequate physical, chemical and biological medium for crop growth. As well as being essential to agriculture, horticulture, forestry and natural and semi-natural systems, soil also plays an important role for our fauna. The soil itself contains millions of organisms, the exact nature and role of which we are still trying to determine. Undoubtedly, the soil flora and fauna play a vital role in cycles which are fundamental to the ability of the soil to support natural and semi-natural vegetation without additions of fertilizer and other support mechanisms. They breakdown plant debris, take in components from the atmosphere, aerate the soil together with many other functions that make the soil such an important medium.

#### ***Classification of soils (ordinary earth) commonly found in the district***

The topo-lithosequence along with variation in rainfall, temperature and alternate wet and dry conditions particularly from the western coast to high ranges in the east and swift flowing rivers lead to the development of different types of natural vegetation and soil. The soils can be broadly grouped into coastal alluvium, mixed alluvium, acid saline, kari, laterite, red, hill, black cotton and forest soils. Soil map given below may be referred to find out its occurrences.

#### ***Coastal Alluvium***

These soils of marine origin are identified along the coastal plains and basin lands as a narrow strip. The elevation of the coastal area is generally below 5m MSL. The area has high water table and in some areas reaches above the surface during rainy season. The soils of the coastal plains are very deep with sandy texture. The texture generally ranges from sand to loamy sand with greyish brown to reddish brown and yellowish red colour. Sand content ranges from 80% and clay up to 15%. Even though these soils have high water table, the water holding capacity is poor due to the predominance of sand. Coconut is the major crop in the area. Cashew and other fruit trees are also grown.

#### ***Mixed Alluvium***

These soils are developed from fluvial sediments of marine, lacustrine and riverine sediments or its combinations. They occur below 20m MSL in the lowland plains, basins, valleys and along the banks of major rivers. The mixed alluvium is mainly noticed close to coastal alluvium, Kuttanad and adjacent area and kole lands of Thrissur district. The soils are frequently flooded and submerged. The soils of depressions and broad valleys are subject to occasional flooding and stagnation. The ground water table of these soils is generally high and it reaches above the surface

during rainy season. A wide variation in texture is noticed in these soils. Sandy clay loam to clay is the predominant texture. Sandy loam soils are also met with. Light grey to very dark brown is the common colour of the soil. Paddy, other annuals and seasonal crops like banana, tapioca and vegetables are grown here.

#### ***Laterite soil***

Laterite and laterite soil are the weathering products of rock in which several course of weathering and mineral transformations take place. This involves removal of bases and substantial loss of combined silica of primary minerals. In laterite and laterite soils, over acidic rocks, induration and zonation are more pronounced. This induration is greater if the iron content is higher. These soils mainly occur in the midlands and part of lowlands at an elevation of 10 to 100m above MSL as a strip between the coastal belt and hilly mid-upland. The area comprises of mounds and low hills with gentle to steep slopes. Laterite soils are generally suitable for most of the dry land crops. It is mainly cultivated with coconut, arecanut, banana, tapioca, vegetables, yams, pepper, pineapple, fruit trees etc. The percentage of gravel content in the soil and reduced soil depth limits the choice of crops. In laterite outcropped area with shallow soils, only cashew can be grown with vegetables.

#### ***Hill Soil***

The hill soils mostly occur above an elevation of 80m MSL. The area is hilly and has highly dissected denudational hills, elongated ridges, rocky cliffs and narrow valleys. The general slope range is above 10%. The texture of these soils generally ranges from loam to clay loam with average gravel content of 10 to 50%. In addition, stones and boulders are noticed in the subsoil. These soils have reddish brown to yellowish red/strong brown colour. Generally, increase in clay content is noticed down the profile. The depth of the soil varies considerably from 60 to 200 cm depending on erodability of soil and past erosion. These soils are mostly friable and subject to heavy soil erosion. The area is suitable for all dry land crops like rubber, coconut, arecanut and fruit trees based on the topography. Crops such as banana, pepper, pineapple, vegetables can be grown in foot slopes.

#### ***Forest Soil***

These soils are developed from crystalline rocks of Archaean age under forest cover. They occur along the eastern part of the State, generally above an elevation of 300m above MSL. The area is hilly and mountainous with steep slopes, escarpments, elongated rocky summits and narrow 'V' shaped valleys. The depth of the soil varies considerably depending on erosion and vegetative cover. The soils are generally immature due to slow weathering process. Rocky outcrops and stones are noticed on the surface. Gneissic boulders under different stages of weathering are

noticed in the subsoil. The texture of the soil ranges from sandy clay loam to clay with reddish brown to very dark brown colour. Forest trees, shrubs and grasses are grown here.

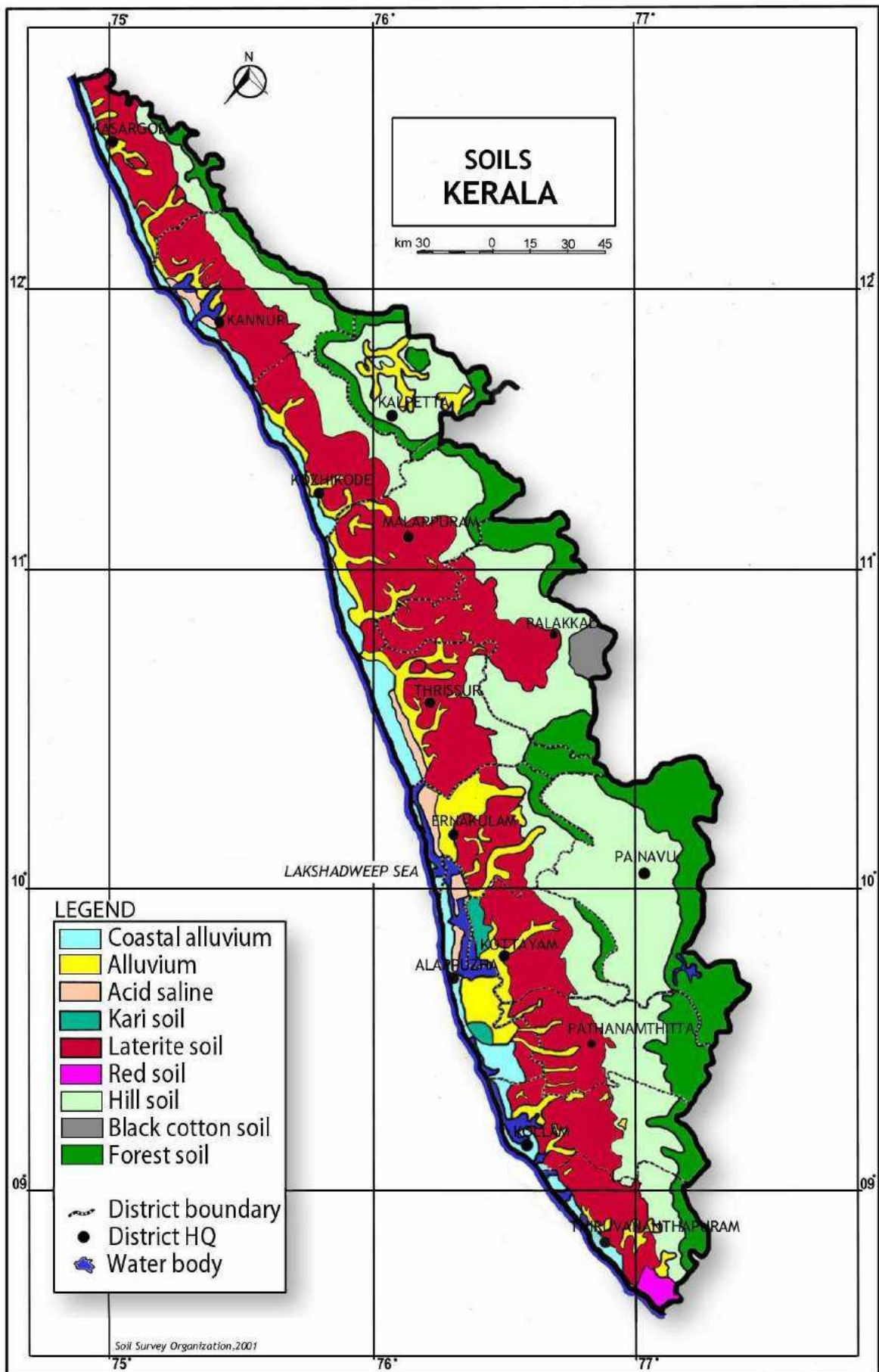


Figure 5: Soils of Kerala

### ***Mining of ordinary earth***

Usually ordinary earth is mined for levelling of ground for construction of buildings. Since ordinary earth is very important to mankind, it is not wise to mine ordinary earth for filling purposes alone. However, for the construction of roads and other infrastructure, ordinary earth is mined after obtaining quarrying permit from the Department of Mining and Geology. Mining and transporting ordinary earth/soil without the permission of Department of Mining and Geology is an offence. Department issues pass for transport of ordinary earth. Dealer's license is not issued for ordinary earth as it is not considered as a mineral mined for commercial purposes.

#### **11.2.2 Ordinary Clay (tile/brick clay)**

Clays and clay minerals occur under a fairly limited range of geological conditions and are produced by weathering of silicate minerals containing calcium, magnesium, sodium, or potassium reacting with carbonic acid, carbonates, and bicarbonates. These soluble products are removed by ground water, while the remaining elements, aluminium, silicon, and oxygen combine with water to produce stable clay minerals. The environment of formation include soil horizons, continental and marine sediments, geothermal fields, volcanic deposits, and weathering rock formations. Extensive alteration of rocks to clay minerals can produce relatively pure clay deposits that are of economic interest. Clay formed at the site of the parent rock is known as primary or residual clay; the one carried away or transported and deposited elsewhere is known as secondary clay. For obvious reasons, the former is purer with less impurity (5%–15%), while the latter may contain mica, quartz, and iron oxide as impurities. Geological factors such as conditions at the time of deposition and post-depositional changes have an important influence on the properties of sediment.

Buildings and utensils made of clay date back to the earliest periods of man's civilized development, and the use of clay is intimately associated with his history. Tile and brick kilns are closely associated with Kerala's culture and traditional architecture, which is continued in modern buildings as well.

In Kerala, tile/brick clay occurs in the wetlands/paddy fields in the lowlands and midlands. The clay extracted is used for a variety of purposes such as manufacture of roofing, flooring, and decorative tiles, wire cut (mechanically made) and ordinary bricks (manually made), and pottery wares. Studies carried out in clay mining areas of Kerala have proved that unprecedented increase in the development needs of the state and the subsequent increase in the resource extraction scenarios, especially that of clay mining, have led to rapid degradation of the wetlands (paddy fields), which is significantly reflected in the declining agricultural productivity of the state.

Mining of clays several meters below the prescribed levels, water draining from the unaffected paddy lands into the adjacent mine pits, and subsequent pumping of water for further mining impose severe problems on the hydrological regime, lowering the water table and creating severe water shortage problems in the mining areas. The additional expenditure incurred to meet the freshwater requirements of the people living in areas adjacent to mining sites is increasing year after year, which undermines the short-term economic benefits of resource extraction.

Tile and brick clay mining and its processing provide employment opportunities to a considerable section of the people in the midland and lowland areas of Kerala. Adding to this, thousands of labourers in the construction industry also indirectly depend on the products manufactured from these clays. Under these circumstances and also with respect to the demand incurred, complete restriction of extraction activities does not prove to be viable.

In the study report published by National Center for Earth Science Studies on the impact of clay mining, following recommendations were given with respect to tile/brick clay mining:

“It is of imminent importance to regulate random mining from the paddy fields/wetlands of Kerala by allowing only location-specific resource extraction under well-conceived guidelines. It is also crucial to limit the extraction of tile and brick clays to meet indigenous and local demand only. This is to save the prime agricultural land and also to increase the rice production in the area. The depth of mining should be demarcated so as to regulate mining with respect to the water table condition in the summer season. Also, adequate measures are to be taken to regenerate the natural ground water table using the stored water in the clay mine pits for irrigating the agricultural crops of the hinterland areas. This will enhance the net agricultural productivity of the area in addition to saturating the aquifer systems in the hinterlands. Awareness creation among the public about the adversities of clay mining and as well as the economic benefits of using clay bricks for construction purposes will serve in the protection of our wetlands/paddy fields. Recycling of building materials should also be considered in order to reduce mining of tile and brick clays. The abandoned clay mine areas left behind as fallow lands or water logged areas can be used for productive purposes such as fish farm ponds or irrigation ponds that promise some utility to the society. Also, suitable guidelines should be framed to streamline the tile and brick clay mining activities of the state on an eco-friendly basis.”

The Kerala Conservation of Paddy Land and Wetland Act, 2008 and Rules made thereunder which was enacted for conservation of paddy land and wetlands of Kerala imposes restrictions in mining of tile/brick clays in such areas. The said Act and Rules are implemented by Revenue Department. In addition, Government have setup District Expert Committee to monitor and control the mining activities of ordinary clay. In Kerala Minor Mineral Concession Rules 2015, it is mandated that



No Objection Certificate from the District Collector concerned, based on the recommendation of the District Expert Committee constituted by the Government in this regard, is to be produced by the applicant in the case of application for extraction of ordinary clay. In addition, Bank guarantee from any Nationalized or Scheduled Bank at the rate of Rs. 300/- (Rupees three hundred only) per cubic metre for the purpose of reclamation of pits that will be formed after quarrying in the area permitted, in respect of application for extraction of ordinary clay. Based on the request of the entrepreneurs working in tile/brick clay based industry, Government have instructed the Department of Mining and Geology to carry out survey to identify the mineable tile/brick clay deposits of Kerala and the work in this respect is progressing.

### **11.2.3 Ordinary Sand**

In Kerala Minor Mineral Concession Rules, 2015, the ordinary sand is defined as sand used for non-industrial purpose. This includes both river sand and sand excavated from inland areas like palaeo-channels. Since a separate Act has been enacted by Government of Kerala namely, The Kerala Protection of River Banks and Regulation of Removal of Sand Act, 2001 (hereafter referred to as Sand Act, 2001) and since the mining of river sand is controlled by Revenue Department by virtue of the powers conferred by the said Act and the Rules made thereunder, the Department of Mining and Geology now regulates the mining of sand which do not comes under the purview of Sand Act, 2001.

The ordinary sand (other than river sand) occurs in the palaeo-channels. The word palaeo-channel is formed from the words “palaeo” or “old,” and channel; i.e., a palaeo-channel is an old channel. Palaeo-channels are deposits of unconsolidated sediments or semi-consolidated sedimentary rocks deposited in ancient, currently inactive river and stream channel systems. These are typical riverine geomorphic features in a location representing drainage streams, rivers, rivulets which were flowing either ephemeral or perennial during the past time and now stands either buried or lost or shifted due to tectonic, geomorphologic, anthropogenic process/activities, as well as climatic changes. When a channel ceases to be part of an active river system, it becomes a palaeo-channel. In order to tap the ordinary sand occurring in palaeo-channels, the Department entrusted the study of identification of palaeo-channels in major river basins of Kerala to Geological Survey of India (GSI). GSI resorted to remote sensing studies using satellite imageries and delineated some of the palaeo-channels. However, since such deposits falls in paddy land/wetlands of Kerala, it is difficult to extract such sand on account of restrictions imposed by various Acts and Rules.

The Kerala Conservation of Paddy Land and Wetland Act, 2008 and Rules made thereunder which was enacted for conservation of paddy land and wetlands of Kerala imposes restrictions in mining



of ordinary sands occurring in wetlands and paddy fields. The said Act and Rules are implemented by Revenue Department. In addition, Government have setup District Expert Committee to monitor and control the mining activities of ordinary sand. In Kerala Minor Mineral Concession Rules 2015, it is mandated that No Objection Certificate from the District Collector concerned, based on the recommendation of the District Expert Committee constituted by the Government in this regard, is to be produced by the applicant in the case of application for extraction of ordinary sand. In addition, Bank guarantee from any Nationalized or Scheduled Bank at the rate of Rs. 300 (Rupees three hundred only) per cubic metre for the purpose of reclamation of pits that will be formed after quarrying in the area permitted, in respect of application for extraction of ordinary sand.

The mining of ordinary sand from palaeo-channels also cause some environmental concerns. Since sand is a good aquifer, the mining of aquifer system poses threat to ground water availability in surrounding areas. However in certain cases, the mining of such sand from paddy lands increase the productivity of paddy as excess sand in the paddy lands are not good for paddy.

In Kerala, due to shortage of river sand and ordinary sand occurring in palaeo-channels, the construction industry now uses manufactured sand obtained by crushing of crystalline rocks.

**It may be noted that since the Revenue Department is taking care of all types of mining activities related to river sand and since sand auditing and other studies are carried out under the aegis of the Revenue Department, this report shall not be used for the purpose of obtaining prior environmental clearance for mining of river sand.**

#### **11.2.4 Laterite**

Laterite is a soil and rock type rich in iron and aluminium, and is commonly considered to have formed in hot and wet tropical areas. Nearly all laterites are of rusty-red coloration, because of high iron oxide content. They develop by intensive and long-lasting weathering of the underlying parent rock. Tropical weathering is a prolonged process of chemical weathering which produces a wide variety in the thickness, grade, chemistry and ore mineralogy of the resulting soils. The majority of the land area containing laterites is between the tropics of Cancer and Capricorn.

Angadipuram Laterite is a National Geological Monument identified in Angadipuram town in Malappuram district. The special significance of Angadipuram to laterites is that it was here that Dr. Francis Buchanan-Hamilton, a professional surgeon, gave the first account of this rock type, in his report of 1807, as "indurated clay", ideally suited for building construction. This formation falls outside the general classification of rocks namely, the igneous, metamorphic, or sedimentary rocks but is an exclusively "sedimentary residual product". It has a generally pitted and porous

appearance. The name laterite was first coined in India, by Buchanan and its etymology is traced to the Latin word "letritis" that means bricks. This exceptional formation is found above parent rock types of various composition namely, charnockite, leptynite, anorthosite and gabbro in Kerala. The laterite profiles in different types of rocks vary depending on the composition of parent rock. For example in Charnockites, the thickness of the profile ranges from 2 m to 10 m with humus zone on the top with thin pebbly zone (with ferruginous pellets in clayey matrix), underlain by vermicular laterite with tubular cavities of various shapes and size filled with kaolinitic clay. This is followed by thin layer of lithomarge. Further below completely weathered, partly weathered or fresh parent rock occur. In some places one can see hard duricrust at the top.

The mineralogical study of laterites reveals that all the silicate minerals have been transformed to a mixture of goethite, hematite and kaolinite in laterite samples developed over charnockite. Further studies revealed that pyroxenes have been altered to goethite while feldspars gave rise to kaolinite. Quartz is cracked, eroded and disintegrated. Monazite and Zircons are found as accessory minerals.

Laterite and bauxite show a tendency to occur together. Aluminous laterites and ferruginous bauxites are quite common. The most common impurity in both is silica. Laterite gradually passes into bauxite with decrease in iron oxide and increase in aluminium oxide. The laterite deposits may be described on the basis of the dominant extractable minerals in it: (i) aluminous laterite (bauxite), (ii) ferruginous laterite (iron ore), (iii) manganiferous laterite (manganese ore), (iv) nickeliferous laterite (nickel ore) and (v) chromiferous laterite (chrome ore). Laterite with  $Fe_2O_3:Al_2O_3$  ratio more than one, and  $SiO_2:Fe_2O_3$  ratio less than 1.33 is termed as ferruginous laterite, while that having  $Fe_2O_3:Al_2O_3$  ratio less than one and  $SiO_2:Al_2O_3$  ratio less than 1.33 is termed as aluminous laterite. Laterite can be considered as poly-metallic ore as it is not only the essential repository for aluminium, but also a source of iron, manganese, nickel and chromium. Furthermore, it is the home for several trace elements like gallium and vanadium which can be extracted as by-products.

In Kerala laterites are extracted as building stones which are used for construction of building. Laterite as a building stone possesses one advantage that it is soft when quarried and can be easily cut and dressed into blocks and bricks which on exposure to air become hard. In addition, laterite (aluminous laterite) is extracted for industrial purposes (for eg. Cement industry). In addition to aluminous laterite, bauxites are also mined in Kerala. Hence, while granting mineral concession for laterite it is necessary to carry out the chemical analysis to establish whether the mineral is bauxite or aluminous laterite.

### **11.2.5 Granite Dimension Stone and Granite (building stone)**

For administrative purpose the hard crystalline rocks which do not have any economic minerals are classified as granite dimension stones and granite (building stones). The definition given in the Kerala Minor Mineral Concession Rules 2015 is as follows:-

‘Granite dimension stones include all types of granites, dolerite, charnockite, leptynite and other crystalline rocks of Acid, Intermediate, basic and ultra basic groups of igneous and metamorphic origin which are suitable for cutting to pre-determined sizes, polishing, carving and amenable for making value-added products in decorative monumental and ornamental fields of industry as a high-value item. Granite (building stone) include all those group of rocks specified above which are not suitable for using as dimension stones as specified therein, but can be used as ordinary building stones, road metal, rubble and ballasts after breaking into irregular pieces by blasting or otherwise as low value item. The Rules insists that the rocks having the quality of granite dimension stone shall not be quarried for granite building stone as these two types of rocks have different values/royalties’.

The major granite dimension stone occurrence in the district forms part of Charnockite-Khondalite belt and has colour ranging from pale green with mottled red, bluish green with cordierite, deep dark green, greyish white. Charnockite is largely used as a building stone.

All Archaean and Proterozoic rocks of Kerala (refer section on Geology of Kerala) which are not listed above as granite dimension stone falls under the category of granite (building stone) and are found below ordinary earth/laterites/and other sedimentary rocks. In some cases such rocks are exposed as hillocks without any overburden.

## **12 Details of minor mineral concessions**

Permission for mining will be granted on case to case basis on ascertaining the availability at the site and only if conditions stipulated in the KMMC Rules 2015 are satisfied (The reader may refer the KMMC Rules 2015 available in the website [www.dmg.kerala.gov.in](http://www.dmg.kerala.gov.in) for more details in this regard). The concession will be granted only if other statutory licenses like Environmental Clearance, Explosive Licence, consent to operate issued by State Pollution Control Board, NOC issued by Revenue Department (as the case may be), Dangerous and Offensive Trade Licence issued by Local Self Government Institutions, NOC related to Coastal Regulation Zone (as the case may be), NOC issued by Forest (as the case may be) etc. The mineral concession will not be granted in the ecologically sensitive areas, ecological fragile zones etc.

**Table1: Details of revenue collection for the period 2013-'14, 2014-'15 and 2015-'16**

| Royalty ABSTRACT 13-14 |              |               |             |              |                |              |              |                |                |                |                |               |                   |          |               |                |                |             |             |           |            |                |                |                 |
|------------------------|--------------|---------------|-------------|--------------|----------------|--------------|--------------|----------------|----------------|----------------|----------------|---------------|-------------------|----------|---------------|----------------|----------------|-------------|-------------|-----------|------------|----------------|----------------|-----------------|
|                        | Apl Fee      |               |             |              | D L            |              |              | RMCU           | CRPS           |                | Arr. Rty.      |               | Royalty Shedule 1 |          |               |                |                | S R         |             |           |            |                | TOTAL          |                 |
| Month                  | Granite      | Laterite      | Clay        | OE           | DL GBS.        | D L Clay     | D/L Sand     | RMCU           | Granite        | Laterite       | Granite.       | Laterite      | Granite           | LAT majr | Rty Clay      | R Sand         | O E            | GR.         | Laterite    | clay      | O E        | Comp           | O D            |                 |
| April                  | 4800         | 11600         | 1000        | 2000         | 593000         |              | 80000        | 0              | 1175000        | 760000         | 138200         | 0             | 25600             | 0        | 107130        | 686480         | 147350         | 530         | 660         | 50        | 120        | 408264         | 0              | <b>4141784</b>  |
| May                    | 4200         | 9200          | 0           | 1200         | 76000          |              | 16000        | 0              | 970000         | 575000         | 14070          | 0             | 17664             | 0        |               | 5220           | 257100         | 410         | 510         |           | 40         | 266800         | 0              | <b>2213414</b>  |
| June                   | 4400         | 11000         | 0           | 1200         | 66000          | 22000        | 0            |                | 1140000        | 790000         |                | 145000        | 43500             | 0        |               | 652620         | 307604         | 400         | 680         |           | 60         | 190000         | 31001          | <b>3405465</b>  |
| July                   | 2000         | 3000          |             | 200          | 55000          | 0            | 0            | 0              | 550000         | 170000         | 11392          | 0             | 33800             | 0        | 0             | 42400          | 2000           | 360         | 150         | 0         | 10         | 281000         | 3270500        | <b>4421812</b>  |
| August                 | 3400         | 7400          | 0           | 400          | 15000          | 0            | 0            | 0              | 450000         | 545000         | 6750           | 0             | 8000              | 0        | 0             | 391520         | 27240          | 250         | 490         | 0         | 10         | 379650         | 0              | <b>1835110</b>  |
| September              | 3400         | 10800         | 0           | 400          | 6000           | 0            | 0            |                | 625000         | 750000         | 0              | 35000         | 24205             | 0        | 55000         | 480600         | 42200          | 210         | 490         | 0         | 30         | 215000         |                | <b>2248335</b>  |
| October                | 1200         | 11000         | 0           | 600          | 22000          | 0            | 0            | 0              | 375000         | 730000         | 206750         | 0             | 49452             | 0        | 0             | 928040         | 26800          | 250         | 600         | 0         | 30         | 510000         | 1260           | <b>2862982</b>  |
| November               | 1800         | 14800         | 0           | 1000         | 11000          | 0            | 0            | 0              | 385000         | 984000         | 12210          | 0             | 12800             | 0        | 0             | 1250           | 93200          | 190         | 850         | 0         | 60         | 557200         | 2117           | <b>2077477</b>  |
| December               | 600          | 2000          |             | 200          | 0              | 0            | 0            | 0              | 225000         | 110000         | 1163400        | 0             | 82000             | 0        | 0             | 0              | 125000         | 90          | 100         | 0         | 10         | 300000         |                | <b>2008400</b>  |
| January                | 5600         | 12600         | 0           | 1200         | 40000          | 0            | 0            | 0              | 1325000        | 815000         | 13000          | 0             | 31008             | 0        | 0             | 0              | 75060          | 540         | 750         | 0         | 40         | 170000         | 875            | <b>2490673</b>  |
| February               | 4200         | 8200          | 0           | 3000         | 0              | 0            | 0            | 0              | 1305000        | 525000         | 875            | 0             | 16000             | 0        | 0             | 0              | 173800         | 470         | 490         | 0         | 50         | 318000         |                | <b>2355085</b>  |
| March                  | 6000         | 18000         | 0           | 800          | 476000         | 6000         | 0            | 5600000        | 1275000        | 1060000        | 0              | 0             | 42800             | 0        | 2200          | 0              | 72800          | 460         | 1000        | 0         | 0          | 230000         |                | <b>8791060</b>  |
| Others                 |              |               |             |              |                |              |              | 1000           |                |                |                |               |                   |          |               |                |                |             |             |           |            |                |                | <b>1000</b>     |
| <b>TOTAL</b>           | <b>41600</b> | <b>119600</b> | <b>1000</b> | <b>12200</b> | <b>1360000</b> | <b>28000</b> | <b>96000</b> | <b>5601000</b> | <b>9800000</b> | <b>7814000</b> | <b>1566647</b> | <b>180000</b> | <b>386829</b>     | <b>0</b> | <b>164330</b> | <b>3188130</b> | <b>1350154</b> | <b>4160</b> | <b>6770</b> | <b>50</b> | <b>460</b> | <b>3825914</b> | <b>3305753</b> | <b>38852597</b> |

| Royalty ABSTRACT 14-15 |              |              |             |            |              |              |                |                 |                |                |               |               |                   |                |               |                |             |             |           |           |                |                |                 |  |
|------------------------|--------------|--------------|-------------|------------|--------------|--------------|----------------|-----------------|----------------|----------------|---------------|---------------|-------------------|----------------|---------------|----------------|-------------|-------------|-----------|-----------|----------------|----------------|-----------------|--|
|                        | Apl Fee      |              |             |            | D L          |              |                | rmcu            | CRPS           |                | Arr. Rty.     |               | Royalty Shedule 1 |                |               |                |             | S R         |           |           |                |                | TOTAL           |  |
| Month                  | Granite      | Laterite     | Clay        | OE         | Reg.Fee      | DL Apl.      | D/L Fee        | RMCU            | Granite        | Laterite       | Granite.      | Laterite      | Granite           | LAT majr       | Rty Clay      | O E            | GR.         | Laterite    | clay      | O E       | Comp           | O D            |                 |  |
| April                  | 7800         | 7400         | 0           | 0          | 0            | 0            | 490000         | 150000          | 2000000        | 410000         | 23230         | 0             | 16000             | 0              | 0             | 360000         | 650         | 380         | 0         | 0         | 212430         | 0              | <b>3677890</b>  |  |
| May                    | 9600         | 7600         | 200         | 0          | 0            | 0            | 322400         | 0               | 2030000        | 435000         | 0             | 0             | 30944             | 0              | 16000         | 0              | 820         | 400         | 10        | 0         | 533700         | 0              | <b>3386674</b>  |  |
| June                   | 5400         | 12600        | 0           | 0          | 0            | 0            | 95000          | 0               | 1440000        | 865000         | 1750          | 0             | 58000             | 19883          | 0             | 0              | 720         | 760         | 0         | 0         | 421600         | 0              | <b>2920713</b>  |  |
| July                   | 200          | 1000         | 0           | 0          | 0            | 0            | 97000          | 0               | 330000         | 170000         | 2827          | 197000        | 14592             | 63288          | 122220        | 69000          | 140         | 150         | 0         | 0         | 280000         | 630400         | <b>1977817</b>  |  |
| August                 | 0            | 0            | 0           | 0          | 0            | 0            | 27000          | 0               | 0              | 0              | 43000         | 0             | 73600             | 101012         | 178020        | 0              | 0           | 0           | 0         | 0         | 104980         | 0              | <b>527612</b>   |  |
| September              | 3200         | 3000         | 600         | 0          | 0            | 0            | 18000          | 0               | 160000         | 125000         | 41992         | 0             | 51500             | 132791         | 16000         | 11320          | 50          | 100         | 0         | 0         | 101600         | 0              | <b>665153</b>   |  |
| October                | 3000         | 10400        | 200         | 0          | 0            | 0            | 8000           | 0               | 830000         | 730000         | 3672          | 0             | 35200             | 0              | 26000         | 0              | 564         | 660         | 0         | 0         | 540920         | 0              | <b>2188616</b>  |  |
| November               | 1800         | 13400        | 200         | 0          | 0            | 0            | 31000          | 0               | 345000         | 980000         | 2408          | 0             | 24000             | 35840          | 23300         | 46850          | 150         | 870         | 0         | 10        | 468792         | 0              | <b>1973620</b>  |  |
| December               | 1200         | 4200         | 0           | 200        | 0            | 0            | 25000          | 0               | 290000         | 415000         | 165292        | 140780        | 113600            | 224000         |               | 63130          | 270         | 300         | 0         | 0         | 452312         | 0              | <b>1895284</b>  |  |
| January                | 1000         | 0            | 0           | 200        | 0            | 0            | 67000          | 0               | 0              | 95000          | 33264         | 0             | 125800            | 268800         | 0             | 156560         | 427         | 0           | 0         | 10        | 162800         | 1042060        | <b>1952921</b>  |  |
| February               | 0            | 0            | 0           | 0          |              |              | 162500         | 600000          | 300000         | 0              | 0             | 0             | 100000            | 110992         | 48000         | 669758         | 40          | 0           | 0         | 0         | 150600         |                | <b>2141890</b>  |  |
| March                  | 0            | 1000         | 0           | 0          | 36000        | 16000        | 358000         | 11800000        | 0              | 0              | 209386        | 0             | 501200            | 537600         | 92560         | 670370         | 0           | 0           | 0         | 0         | 181720         | 2413480        | <b>16817316</b> |  |
| Others                 |              |              |             |            |              |              | 18000          |                 |                |                |               |               |                   |                |               |                |             |             |           |           |                | 2000           | <b>20000</b>    |  |
| <b>TOTAL</b>           | <b>33200</b> | <b>60600</b> | <b>1200</b> | <b>400</b> | <b>36000</b> | <b>16000</b> | <b>1718900</b> | <b>12550000</b> | <b>7725000</b> | <b>4225000</b> | <b>526821</b> | <b>337780</b> | <b>1144436</b>    | <b>1494206</b> | <b>522100</b> | <b>2046988</b> | <b>3831</b> | <b>3620</b> | <b>10</b> | <b>20</b> | <b>3611454</b> | <b>4087940</b> | <b>40145506</b> |  |

**Royalty ABSTRACT 15-16**

| Month        | Apl Fee       |               |             |             | D L          |              |                | rmcu            | CRPS            |                 | Arr. Rty.      |                | Royalty Shedule 1 |                |               |                | S R         |              |          |           | DR/LT-DL       |                        |
|--------------|---------------|---------------|-------------|-------------|--------------|--------------|----------------|-----------------|-----------------|-----------------|----------------|----------------|-------------------|----------------|---------------|----------------|-------------|--------------|----------|-----------|----------------|------------------------|
|              | Granite       | Laterite      | Clay        | OE          | Reg.Fee      | DL Apl.      | D/L Fee        | RMCU            | Granite         | Laterite        | Granite.       | Laterite       | Granite           | LAT majr       | Rty Clay      | O E            | GR.         | Laterite     | clay     | O E       |                |                        |
| April        | 6000          | 44000         |             |             | 12000        | 12000        | 710000         | 100000          | 415600          | 4223040         | 41886          |                | 37500             | 179760         |               | 32640          |             | 210          |          |           | 80240          | 5894876                |
| May          | 50000         | 107000        | 2000        |             | 17000        | 10500        | 456000         |                 | 4425000         | 9675000         | 3883151        | 832880         | 333600            | 360080         | 64000         | 406438         | 500         | 1200         |          | 10        | 512865         | 21137224               |
| June         | 26000         | 43000         |             |             | 11000        | 4000         | 168000         | 4050000         | 2225000         | 3610000         | 570938         |                | 24000             | 358400         |               | 841112         | 620         | 450          |          |           | 131000         | 12063520               |
| July         | 13000         | 41000         |             |             | 3000         | 2500         | 152000         | 500000          | 1620000         | 3600000         | 824511         | 113860         | 110400            | 179200         |               | 123655         | 150         | 490          |          |           | 407600         | 7691366                |
| August       | 1000          | 3000          |             |             | 3000         | 1500         | 88000          |                 |                 | 315000          | 351486         |                | 24000             | 358400         |               | 25706          |             | 40           |          |           | 896852         | 2067984                |
| September    |               | 49000         |             |             | 6000         | 1500         | 126000         | 4150000         | 75000           | 4470000         | 300000         | 543560         | 260000            | 654380         |               | 504895         | 110         | 560          |          |           | 267710         | 11408715               |
| October      | 12000         | 43000         |             |             | 2000         | 3000         | 166000         | 100000          | 1625000         | 3685000         | 283223         | 75600          | 662400            | 798336         | 21760         | 182023         | 130         | 450          |          |           | 1084800        | 8744722                |
| November     | 20000         | 51000         |             |             | 7000         | 2500         | 97600          | 200000          | 1625000         | 4790000         | 350308         | 101250         | 0                 | 231616         |               | 183028         | 430         | 1165         |          |           | 1492400        | 23081 9176378          |
| December     | 17000         | 51000         |             |             | 7000         | 3500         | 92000          | 3450000         | 4775000         | 5025000         | 793027         | 110700         | 164400            | 441440         | 40000         | 455262         | 1550        | 3050         |          |           | 1402900        | 16832829               |
| January      | 18000         |               |             |             | 1000         | 2000         | 88000          |                 | 1125000         | 1575000         | 896536         | 27000          | 36000             |                | 40000         | 387304         | 750         | 1050         |          | 50        | 681800         | 26000 4905490          |
| February     | 15000         | 37000         |             | 1000        | 3000         | 3500         | 120000         | 1000000         | 780000          | 3075000         | 663484         | 346500         | 602400            | 433900         | 248120        | 484556         | 1450        | 1700         |          |           | 696600         | 8513210                |
| March        | 13000         | 40000         |             |             | 10000        | 9500         | 516000         | 3950000         | 2235000         | 2775000         | 256350         | 75600          | 104000            | 577632         |               | 395395         | 700         | 1700         |          |           | 1467100        | 12426977               |
| Others       |               |               |             |             |              |              |                |                 |                 |                 |                |                |                   |                |               |                |             |              |          |           |                | 0                      |
| <b>TOTAL</b> | <b>191000</b> | <b>509000</b> | <b>2000</b> | <b>1000</b> | <b>82000</b> | <b>56000</b> | <b>2779600</b> | <b>17500000</b> | <b>20925600</b> | <b>46818040</b> | <b>9214900</b> | <b>2226950</b> | <b>2358700</b>    | <b>4573144</b> | <b>413880</b> | <b>4022014</b> | <b>6390</b> | <b>12065</b> | <b>0</b> | <b>60</b> | <b>9121867</b> | <b>49081 120863291</b> |

**Table 2b: List of Quarrying Lease granted for Granite building stone**

| Sl no | Concession holder's name and address   | Concession no.                          | Mineral                | Survey no              | Village              | Thaluk         | District   | Area(ha)               | Valid from | Valid to   | Whether attached to RMCU | Remarks              |
|-------|--|---|------------------------|------------------------|----------------------|----------------|------------|------------------------|------------|------------|--------------------------|----------------------|
| 1     | M/s Poabson Granites Products p(Ltd),Thelakkad(po),Perinthalmanna,Malappuram | 576/2002-03/711/M3/2001 dtd 14/2/03     | Granite Building Stone | 59/2                   | Kariavattom          | Perinthalmanna | Malappuram | 11.07 Acres(4.4800 hr) |            | 01/05/2015 | Yes                      | Expired on 1/5/2015  |
| 2     | M/s Poabson Granites Products p(Ltd),Thelakkad(po),Perinthalmanna,Malappuram | 575/2002-03/710/M3/2003 dtd 14/2/2013   | Granite Building Stone | 59/2                   | Kariavattom          | Perinthalmanna | Malappuram | 4.67 Acres(1.8898 hr)  | 02/05/2003 | 01/05/2015 | Yes                      | Expired on 1/05/2015 |
| 3     | M/s Malabar Aggrigates p(Ltd),Ozhukkur(po),Malappuram                        | 510/2004-05/8253/M3/2004 dtd 17/11/2004 | Granite Building Stone | 36/4 & 36/1            | Morayur              | Eranad         | Malappuram | 0.7452 hr              | 29/11/04   | 28/11/2014 | no                       | Expired on 28/11/14  |
| 4     | M/s Othayi Granites p(Ltd),Perakamanna(po),Othayi                            | 570/2004-05/8954/M3/2004 dtd 9/12/2004  | Granite Building Stone | 193/1,193/2,173        | Edavanna             | Eranad         | Malappuram | 6.50 Acres(2.6305 hr)  | 29/12/04   | 28/12/2016 | Yes                      |                      |
| 5     | M/s AL Madeena Granites Metals & Crescent Industries,Pannippara(po)          | 813/2004-05/1618/M3/2006 dtd 10/3/2005  | Granite Building Stone | 218pt                  | Edavanna             | Eranad         | Malappuram | 5.3480 hr              | 18/3/05    | 17/3/2015  |                          | Expired on 17/3/2015 |
| 6     | A.Jamal Mohammed,Mg:partner,Aranchikkal Granites unit,Pathapiriyam(po)       | 668/2005-06/1618/M3/2006 dtd 22/2/2006  | Granite Building Stone | 111/1pt,113/1pt,217    | Edavanna Perakamanna | Eranad         | Malappuram | 14.425 hr              | 08/03/2006 | 07/03/2018 | Yes                      |                      |
| 7     | Mg:partner,Thomarappara Bricka & Metals,Panambilav                           | 126/2007-08/3739/M3/2007 dtd 30/5/2007  | Granite Building Stone | 6,1                    | Vettilappara         | Eranad         | Malappuram | 1.6188 hr              | 13/6/07    | 12/06/2017 | Yes                      |                      |
| 8     | M.C.Mayin Haji,Mg :Director Calicut Granites(Pvt)(Ltd),Kannamvettikav(po)    | 100/2007-08/3483/M3/2008 dtd 17/5/2007  | Granite Building Stone | 266/1,2(243/1,2,242/1) | Cherukav             | Eranad         | Malappuram | 2.63 hr                | 28/5/07    | 27/5/2017  | Yes                      |                      |
| 9     | K.A.Abraham,M/s Poabson Granites Products Ltd,Thelakkad(po),Perinthalmanna   | 65//2007-08/2310/M3/2013 dtd 14/2/2003  | Granite Building Stone | 59/2                   | Kariavattom          | Perinthalmanna | Malappuram | 5.0263 hr              | 06-06-2007 | 05/06/2017 | Yes                      |                      |
| 10    | P.M.Alavi Haji,PWD Contractor,Melmury,Malappuram                             | 321/2007-08/6371/M3/2007 dtd 17/8/2007  | Granite Building Stone | 221                    | Melmuri              | Eranad         | Malappuram | 1.2221 hr              | 31/8/07    | 30/8/2017  | no                       |                      |
| 11    | A.M.Muhammed Ali,Mg:partner,Mubarak Granites,Chathallo or(po)                | 268/2007-08/6021/M3/2007 dtd 20/7/2007  | Granite Building Stone | 96pt,94pt              | Perakamanna          | Eranad         | Malappuram | 1.9953 hr              | 09-05-2007 | 08/05/2017 | Yes                      |                      |
| 12    | V.Moideen Mg:partner,VKH Hollow Bricks,Muthuvalloor(po),Kondotty             | 454/2007-08/8239/M3/2007 dtd 17/10/2007 | Granite Building Stone | 158/2 Block8           | Pulikkal             | Eranad         | Malappuram | 0.5970 hr              | 26/10/07   | 25/10/2017 | no                       |                      |

|    |   |   |                        |                                      |                              |                     |            |            |            |            |     |  |
|----|---|---|------------------------|--------------------------------------|------------------------------|---------------------|------------|------------|------------|------------|-----|--|
| 13 | VKM Stone Crusher   | 837/2007-08/824/M3/2007 dtd 18/2/2008       | Granite Building Stone | 81                                   | Kannamangalam                | Thirurangadi        | Malappuram | 01.5 hr    | 23/2/08    | 22/2/2018  | no  |  |
| 14 | K.Kunhimoyin,Mg:partner,Friends Crusher,Valillapuzha(po)                                    | 631/2007-08/8745/M3/2007 dtd 27/11/2008     | Granite Building Stone | 49/2 Block 21/3                      | Keezhuparamba                | Eranad              | Malappuram | 0.8200 hr  | 19/12/07   | 18/12/2017 | yes |  |
| 15 | Eranad Granites pvt,Ltd,Vellila(po)   | 15/2008-09/3505/M3/2008 dtd 4/4/2010        | Granite Building Stone | 3,3                                  | Mankada                      | Perinthalmanna      | Malappuram | 0.8094 hr  | 25/4/08    | 24/4/2018  | No  |  |
| 16 | V.Abdurahiman,Mg:partner,Bismi Granites Industries,Chathallur(po)                           | 175/2008-09/5826/M3/2008 dtd 17/6/2008      | Granite Building Stone | 354/1pt&354/1-1                      | Perakamanna                  | Eranad              | Malappuram | 2.80894 hr | 07-04-2008 | 06/04/2018 | Yes |  |
| 17 | M.M.Azad,Mg:partner,M/s Malabar Bricks metals,Poovathikkal(po),Areacode                     | 176/2008-09/5828/M3/2008 dtd 17/6/08        | Granite Building Stone | 53/2                                 | Urgattiri                    | Eranad              | Malappuram | 2.9600 hr  | 07-04-2008 | 06/04/2018 | yes |  |
| 18 | Nasli Muhammed,S/o Marakkari Haji,Mg:partner,Majestic Granites,Kallarattikal(po),Malappuram | 204/2010-11/6864/M32010 dtd 28/6/2010       | Granite Building Stone | 8,2                                  | Vetilappara                  | Eranad              | Malappuram | 1.6188 hr  | 13/6/07    | 12/06/2017 | No  |  |
| 19 | V.M.Kunhali,Mg:partner,Chaliyar stone crusher,Pullippadam,Mambad                            | 204/10-11/3196/M3/201 dtd 28/6/10           | Granite Building Stone | 93/pt                                | Pullippadam                  | Nilambur            | Malappuram | 1.2500 hr  | 21/7/2010  | 20/7/2020  | No  |  |
| 20 | V.P.Thrimathi,Mg:partner,M/s Associate Engg: & cemikals,Thavanoor,Kuzhimanana               | 590/10-11/6864/10 dtd 7/12/10               | Granite Building Stone | 221/1                                | Muthuvallur                  | Eranad              | Malappuram | 8.9180 hr  | 10/12/2010 | 09/12/2020 | No  |  |
| 21 | O.Muhammed Shareef,Mg:Director,M/s portland Granites p(Ltd),Pulikkal(po)                    | 548/10-11/9135/M3/2010 dtd 26/11/10         | Granite Building Stone | 169/1,2,3,4,168/2,3,13,171/3 &171/8  | Pulikkal                     | Eranad              | Malappuram | 5.8528 hr  | 06/12/2010 | 05/12/2020 | Yes |  |
| 22 | P.P.Veeran,Mg:partner,Cherupara,Granites,Vetilappara,Areacode                               | 55/11-12/3270/M3/11 dtd 3/5/11              | Granite Building Stone | 8,2                                  | Vetilappara                  | Eranad              | Malappuram | 1.2141 hr  | 16/5/11    | 15/5/2021  | No  |  |
| 23 | P.K.Muhammed Asharaf,Mg:partner,Hi-Tec metals,Naduvakkad,Oorakkam, Melmuri                  | 439/11-12/7485/M3/2011 dtd 12/10/11         | Granite Building Stone | 1/1(BI.37),278/pt(BI.36)165/2(BI.56) | Oorakkam,Nedi yiripp,Morayur | Thirurangadi,Eranad | Malappuram | 6.166 hr   | 17/10/11   | 16/10/2023 | yes |  |
| 24 | V.M.Suresh kumar,Soorya shoba Engg:   | 559/11-12/7875/M3/2011 dtd 22/11/11         | Granite Building Stone | 266/2,266/3                          | Cherukav                     | Eranad              | Malappuram | 2.71 hr    | 12-06-2011 | 12-05-2021 | No  |  |
| 25 | Jose.MP,Mg:partner,Thazhekkode Stands,Madathikkuzhi(h),Kinginimattam,Kolancheri             | 775/2011-12/133/M3/2012 dtd 8/2/12          | Granite Building Stone | 1,2                                  | Thazhekkode                  | Perinthalmanna      | Malappuram | 2.5 hr     | 18/2/12    | 17/2/2022  | No  |  |
| 26 | PMR Granites India p(Ltd),3/322,PM Arcade,Melmuri(po)(PM.Abdul Shukkur Puliyil madasseri,h) | 38/2014-15/2875/M3/2014 dtd 29/4/14         | Granite Building Stone | Bl.27,200/1,202/1,2,3,4,5            | Urgattiri                    | Eranad              | Malappuram | 5.5373 hr  | 12/05/2014 | 11/05/2026 | No  |  |
| 27 | M/s Areecode Granites Private Limited,K P /100c,Vakkallur P O Malappuram,673644             | 579/2014-15/8727/M3/2014 Dtd Tvm.20/11/2014 | Granite Building Stone | 213 214 215                          | Kavanoor                     | Ernad               | Malappuram | 4.2695 h   | 03/12/2014 | 02/12/2024 | yes |  |



|    |  |   |                        |                                 |                      |                |            |                                   |            |            |     |   |
|----|--|---|------------------------|---------------------------------|----------------------|----------------|------------|-----------------------------------|------------|------------|-----|---|
| 28 | N Abdul Rasheed,Mg Partner,Nalakath Granites,Valambur P O,Pattikkad via,679325   | 588/2014-15/10110/M3/2014 Dtd 25/11/2014  | Granite Building Stone | 13/1<br>1/1                     | Kariavattam Valambur | Perinthalmanna | Malappuram | 1.9 h<br>0.6398 h Total 2.54<br>H | 03/12/2014 | 02/12/2024 | yes | n |
| 29 | T S Jaleel Managing Partner m/s Malabar Granite ,Kannamvettikavu Pulikkal-673637 Malappuram                            | 688/2014-15/11442/M3/2014 Dtd 01 /01/2015 | Granite Building Stone | 266/2                           | Cherukav             | Kondotty       | Malappuram | 04.3297 H                         | 02-02-2015 | 17/12/2022 | No  |   |
| 30 | K Muhammed Akbar M/s Oorgam Metals(LTD) Diya Mahal Pookkottur  | 924/15-16 3186/M3/15 dt 26/3/15           | Granite Building Stone | 34/2,30/2/2<br>30/2/3,20/7,20/1 | Oorakkam             | Thirurangadi   | Malappuram | 5.3527 H                          | 14/05/2015 | 13/05/2025 | no  |   |
| 31 | Abdul Nazeer M/s Pullippadam Metal And Metal Sands Pvt Ltd.Karukamannil House West Kodur XVIII/62 Kodu P.o Malappuram, | 95/15-16/4611/M3/2015 dt 8/5/2015         | Granite Building Stone | 1/pt                            | Pulippadam           | Nilambur       | Malappuram | 4.74 Hect                         | 25/05/2015 | 24/05/2027 | no  |   |
| 32 | K M Ameer,Kilinakkod Rock Products,Cheroor P O ,Malappuram DT.   | 261/2015-16/5950/m3/2015 dtd8/7/2015      | Granite Building Stone | 25/pt                           | Ooragam              | Thirurangadi   | Malappuram | 3.5412 Hectar                     | 13-Jul-15  | 12-Jul-25  | no  |   |
| 33 | M/s Poabson Granite Products Pvt. Ltd., Thelakkad,Perinthalmanna   | 369/2015-16/M3/2015 Dtd.07/08/2015        | Granite Building Stone | 59/2                            | Kariavattam          | Perinthalmanna | Malappuram | 4.4696 Hect                       | 24-Aug-15  | 23-Aug-20  | yes |   |



**Table 2c: List of Quarrying Permit granted under CRPS for Granite building stone**

| Sl no. | Concession holder's name and address                                       | Concession no.                                       | Mineral  | Survey no. | Village       | Taluk         | District   | Area(ha)             | Valid from | Valid to   | Consolidated royalty(Rs) | Lease no(if applicable) |
|--------|--|--|----------|------------|---------------|---------------|------------|----------------------|------------|------------|--------------------------|-------------------------|
| 1      | V P Abdulla<br>Elite Granite And Hollow<br>Brikcks<br>K V Kav Malappuram   | 1/2015-16<br>/Gr/Dom/m-<br>810/15<br>dtd8/5/2015     | Granites | 180/6      | Pulikkal      | Kondotty      | Malappuram | 14.56 Ares           | 05-08-2015 | 05-07-2016 | 150000                   | NA                      |
| 2      | M Kunhamutti<br>M D .Chaliyar Granite<br>PVT ltd<br>Kayalam Kozhikkode     | 2/2015-<br>16/Gr/Dom/m/<br>933/15 dtd<br>11/5/2015   | Granites | 177/7      | Pulikkal      | Kondotty      | Malappuram | 15 Ares              | 05-11-2015 | 05-10-2016 | 150000                   | NA                      |
| 3      | Ahammed Harshad<br>Chakkeeri House<br>Cheroor P.O                          | 3/2015-<br>16/Gr/Dom/m/<br>785/15 dtd<br>11/5/2015   | Granites | 425        | Kannamangalam | Thirurangadi  | Malappuram | 20 Ares              | 05-11-2015 | 05-10-2016 | 150000                   | NA                      |
| 4      | P Abdul Nazar<br>S/o Abdurahiman<br>Poovathikkal House<br>Pattikkad        | 4/2015-<br>16/Gr/Dom/m/<br>955/15 dtd<br>13/5/2015   | Granites | 137/10     | Valambur      | perinthelmana | Malappuram | 10 Ares              | 13/5/2015  | 05-12-2016 | 75000                    | NA                      |
| 5      | K V Anwar<br>MG .Director<br>Modern Distropolis<br>Anakkayam               | 5/2015-<br>16/Gr/Dom/m/<br>774/15 dtd<br>15/5/2015   | Granites | 171/1      | Anakkayam     | Eranad        | Malappuram | 21.6 Cents           | 15/5/2015  | 14/05/2016 | 18000                    | NA                      |
| 6      | Binu Cheriyan<br>Thakkirikkal House<br>Chelad Kothamangalam                | 6/2015-<br>16/Gr/Dom/m/<br>824/15 dtd<br>15/5/2015   | Granites | 101/6      | Edayur        | Tirur         | Malappuram | 1 Acre<br>40.46 ares | 15/5/2015  | 14/5/2016  | 70000                    | NA                      |
| 7      | M E Mohanan<br>Hi -Grip Graniyes<br>Vazhayur                               | 7/2015-<br>16/Gr/Dom/m/<br>784/15 dtd<br>15/5/2015   | Granites | 155/3      | Vazhayoor     | Kondotty      | Malappuram | 1.25 Acre            | 15/5/2015  | 14/10/2015 | 240000                   | NA                      |
| 8      | N Muhammedali<br>S/o Hamza<br>Naramthodi House<br>Pattikkad                | 8/2015-<br>16/Gr/Dom/m/<br>1093/15 dtd<br>18/5/2015  | Granites | 34/1A      | Karivattam    | perinthelmana | Malappuram | 10 Ares              | 18/5/2015  | 17/5/2016  | 75000                    | NA                      |
| 9      | V Moideen<br>S/o Kunhalan Haji<br>Veerasan House<br>Chullippara Valakkulam | 9/2015-<br>16/Gr/Dom/m/<br>786/15 dtd<br>20/5/2015   | Granites | 172/1      | Pulikkal      | Kondotty      | Malappuram | 15 Ares              | 20/5/2015  | 19/5/2016  | 150000                   | NA                      |
| 10     | V Moideen<br>VKH Stone Crusher<br>Muthuvallur<br>Kondotty                  | 10/2015-<br>16/Gr/Dom/m/<br>787/15 dtd<br>20/5/2015  | Granites | 158/1      | Pulikkal      | Kondotty      | Malappuram | 10 Ares              | 20/5/2015  | 19/5/2016  | 75000                    | NA                      |
| 11     | K V Muhammadali<br>Ernad Granite Industries<br>Pandallur P.o               | 11/2015-<br>16/Gr/Dom/m/<br>1076/15 dtd<br>20/5/2015 | Granites | 387/1      | Pandallur     | Eranad        | Malappuram | 15 Ares              | 20/5/2015  | 19/5/2016  | 150000                   | NA                      |

|    |   |   |          |                 |                |                 |            |               |            |            |        |      |
|----|---|---|----------|-----------------|----------------|-----------------|------------|---------------|------------|------------|--------|------|
| 12 | Kalodi Muhammed<br>Kalodi House<br>Kallar Mangalam P O<br>Malappuram              | 12/2015-<br>16/Gr/<br>Dom/m-<br>908/15<br>dt 22/5/15  | Granites | 282<br>BL no.45 | Anakkayam      | Eranad          | Malappuram | 20.24<br>Ares | 22/5/2015  | 21/5/2016  | 300000 | NA   |
| 13 | Jailabuddine<br>S/o Muhammed Haneefa<br>VMR Jamsheena Manzil<br>Puthanangadi      | 13/2015-<br>16/Gr/<br>Dom/m-<br>1117/15<br>dt 25/5/15 | Granites | 215/1A          | Perinthalmanna | Thazhekkode     | Malappuram | 10 Ares       | 25/5/2015  | 24/5/2016  | 75000  | NA   |
| 14 | P R Ashokan<br>MG.Partner<br>Manjeri Granite Manjeri                              | 14/2015-<br>16/Gr/<br>Dom/m-<br>1187/15<br>dt 25/5/15 | Granites | 31/1            | Anakkayam      | Eranad          | Malappuram | 40.47 Ares    | 25/5/2015  | 24/5/2016  | 700000 | NA   |
| 15 | N Abdul Nazar<br>Nettakal House<br>Perumanna Kozhikkode                           | 15/2015-<br>16/Gr/<br>Dom/m-<br>1131/15<br>dt 27/5/15 | Granites | 180/1/2         | Pulikkal       | Kondotty        | Malappuram | 15 Ares       | 27/5/2015  | 26/5/2016  | 150000 | NA   |
| 16 | N Abdul Nazar<br>Nettakal House<br>Perumanna Kozhikkode                           | 16/2015-<br>16/Gr/<br>Dom/m-<br>927/15<br>dt 27/5/15  | Granites | 29/3,29/4       | Pulikkal       | Kondotty        | Malappuram | 15 Ares       | 27/5/2015  | 26/5/2016  | 150000 | NA   |
| 17 | Pullancheri Granite<br>Industries<br>Pullancheri Manjeri P.O                      | 17/2015-<br>16/Gr/<br>Dom/m-<br>770/15<br>dt 27/5/15  | Granites | 168/B4,5        | Anakkayam      | Eranad          | Malappuram | 40.47 Ares    | 27/5/2015  | 26/5/2016  | 700000 | NA   |
| 18 | Sakeer P<br>S/o Moideen<br>Palliyil Pallikkuth House<br>Memuri P.O                | 18/2015-<br>16/Gr/<br>Dom/m-<br>943/15<br>dt 27/5/15  | Granites | 32/1            | Payyanad       | Eranad          | Malappuram | 10 Ares       | 27/5/2015  | 26/5/2016  | 75000  | NA   |
| 19 | P K Abdulla Koya<br>Mg.Director<br>Beeta Granites Pvt.Ltd                         | 19/2015-<br>16/Gr/<br>Dom/m-<br>813/15<br>dt 29/5/15  | Granites | 266/2<br>B No.  | Cherukavu      | Kondotty        | Malappuram | 14 Ares       | 29/5/2015  | 28/5/2016  | 150000 | NA   |
| 20 | V P Shareef<br>Pallikkara House<br>Payyanad ,Manjeri                              | 20/2015-<br>16/Gr/<br>Dom/m-<br>826/15<br>dt 29/5/15  | Granites | 413/4A          | Payyanad       | Eranad          | Malappuram | 13 Ares       | 29/5/20015 | 28/5/2016  | 150020 | NA   |
| 21 | Anwar T P<br>S/o Moyin kutti<br>Thacha Paramban House<br>Mundengara               | 21/2015-<br>16/Gr/<br>Dom/m-<br>1159/15<br>dt 29/5/15 | Granites | 96/3,4          | Edvanna        | Eranad          | Malappuram | 15 Ares       | 29/5/2015  | 28/5/2016  | 150000 | NA   |
| 22 | A.C.Abdurahiman S/o<br>Aboobacker Haji, Mattil<br>House, Peruvallur,<br>Kondotty. | 103/2015-16/<br>Gr/DOM/M-<br>2774/15<br>dtd.21/12/15  | Granites | 269/1 pt        | Nediyiruppu    | Kondotty        | Malappuram | 9.72 Ares     | 21/12/2015 | 20/12/2016 | 75000  | N.A. |
| 23 | Aboobacker<br>S/o Hamza<br>Ambalaparamban House<br>Parambur ,Pattikkad            | 23/2015-<br>16/Gr/<br>Dom/m-<br>970/15<br>dt 01/06/15 | Granites | 42/1            | Keeahattur     | perinthelmannna | Malappuram | 10 Ares       | 06-01-2015 | 31/5/2016  | 75000  | NA   |

|    |   |  |          |                    |               |               |            |            |            |            |        |    |
|----|---|--|----------|--------------------|---------------|---------------|------------|------------|------------|------------|--------|----|
| 24 | Muhammadali<br>S/o Moideen<br>Palathingal House<br>Keezhattoor                | 24/2015-<br>16/Gr/<br>Dom/m-<br>1024/15<br>dt 01/06/15 | Granites | 55/6               | Keeahattur    | perinthelmana | Malappuram | 15 Ares    | 06-01-2015 | 31/5/2016  | 150000 | NA |
| 25 | K M Ali Kutty<br>Malattippara House<br>Valiyaparamb P.O                       | 25/2015-<br>16/Gr/<br>Dom/m-<br>1086/15<br>dt 01/06/15 | Granites | 181/1B<br>BL No.8  | Pulikkal      | Kondotty      | Malappuram | 15 Ares    | 06-01-2015 | 31/5/2016  | 150000 | NA |
| 26 | T P Abdul Hameed<br>Thoomath Puthur<br>Peediyekkal House<br>Kannamangalam     | 26/2015-<br>16/Gr/<br>Dom/m-<br>1097/15<br>dt 03/06/15 | Granites | 105                | Kannamangalam | Thirurangadi  | Malappuram | 15 Ares    | 06-03-2015 | 06-02-2016 | 150000 | NA |
| 27 | Usman V K<br>S/o Alavi<br>Velliyam Kallan House<br>Koottilangadi              | 27/2015-<br>16/Gr/<br>Dom/m-<br>819/15<br>dt 03/06/15  | Granites | 1                  | Narukara      | Eranad        | Malappuram | 15 Ares    | 06-03-2015 | 06-02-2016 | 150000 | NA |
| 28 | A .M Muhammedali<br>Mubaraq Granites<br>West Chathallur                       | 28/2015-<br>16/Gr/<br>Dom/m-<br>1386/15<br>dt 05/06/15 | Granites | 95/PT<br>Bl No. 70 | Perakamanna   | Eranad        | Malappuram | 80.97 Ares | 06-05-2015 | 06-04-2016 | 700000 | NA |
| 29 | Abdul Nazar N<br>Nettakal House<br>Perumanna Kozhikkode                       | 29/2015-<br>16/Gr/<br>Dom/m-<br>1405/15<br>dt 05/06/15 | Granites | 30/3<br>BL No.8    | Pulikkal      | Kondotty      | Malappuram | 10 Ares    | 06-05-2015 | 06-04-2016 | 75000  | NA |
| 30 | P Abdulla<br>Palliyalil House<br>Vellila, mankada                             | 30/2015-<br>16/Gr/<br>Dom/m-<br>855/15<br>dt 06/06/15  | Granites | 93/1               | Vadakkangara  | perinthelmana | Malappuram | 15 Ares    | 06-06-2015 | 06-05-2016 | 150000 | NA |
| 31 | KP Aboobacker<br>Kangattu Puthanveettil<br>House<br>Vadakkangara P.O          | 31/2015-<br>16/Gr/<br>Dom/m-<br>707/15<br>dt 06/06/15  | Granites | 126/6,65           | Mankada       | perinthelmana | Malappuram | 14.2 Ares  | 06-06-2015 | 06-05-2016 | 150000 | NA |
| 32 | M K Najeeb<br>S/o Hassainar<br>Mannengal Kannemthodi<br>House<br>Pulamanthole | 32/2015-<br>16/Gr/<br>Dom/m-<br>1289/15<br>dt 22/06/15 | Granites | 85                 | Pulamanthole  | perinthelmana | Malappuram | 10 Ares    | 22/6/2015  | 21/06/2016 | 750000 | NA |
| 33 | Kuttiman Haji<br>Payambrott House<br>Pulikkal P.O Malappuram                  | 33/2015-<br>16/Gr/<br>Dom/m-<br>928/15<br>dt 22/06/15  | Granites | 177/8              | Pulikkal      | Kondotty      | Malappuram | 10 Ares    | 22/6/2015  | 21/6/2016  | 75000  | NA |
| 34 | K P Abbas Ali<br>S/o alavikutty Haji<br>Karimbin thodi House<br>Valiyaparam   | 34/2015-<br>16/Gr/<br>Dom/m-<br>1246/15<br>dt 22/06/15 | Granites | 130/1,2,<br>320/Pt | Pulikkal      | Kondotty      | Malappuram | 10 Ares    | 22/6/2015  | 21/6/2016  | 700000 | NA |
| 35 | K P Abbas Ali<br>S/o alavikutty Haji<br>Karimbin thodi House<br>Valiyaparam   | 35/2015-<br>16/Gr/<br>Dom/m-                           | Granites | 320/pt             | Pulikkal      | Kondotty      | Malappuram | 15 Ares    | 22/6/2015  | 21/6/2016  | 150000 | NA |

|    |   |  |          |                |              |                |            |            |            |            |        |      |
|----|---|--|----------|----------------|--------------|----------------|------------|------------|------------|------------|--------|------|
|    |   | 1271/15<br>dt 22/06/15                                 |          |                |              |                |            |            |            |            |        |      |
| 36 | K.Sakeer Hussain S/o<br>Kuttimoideen Haji, Kudalil<br>House, Parammalangadi.                                      | 36/2015-<br>16/Gr/<br>Dom/m-<br>1992/15<br>dt 03/07/15 | Granites | 1/1 A          | Pulamanthole | Perinthalmanna | Malappuram | 10 Ares    | 07-03-2015 | 07-02-2016 | 75000  | NA   |
| 37 | Muhammed Haneefa S/o<br>Muhammed Kutti Haji,<br>Kari House, Chirayil.P.O.   | 114/2015-16/<br>Gr/DOM/M-<br>1606/15<br>dtd.22/1/16    | Granites | 269/1          | Nediyiruppu  | Kondotty       | Malappuram | 13.75 Ares | 22/1/2016  | 20/1/2017  | 150000 | N.A. |
| 38 | Muhammed Haneefa S/o<br>Muhammed Kutti Haji,<br>Kari House, Chirayil.P.O.   | 115/2015-16/<br>Gr/DOM/M-<br>1607/15<br>dtd.22/1/16    | Granites | 270/1          | Nediyiruppu  | Kondotty       | Malappuram | 9.71 Ares  | 22/1/2016  | 20/1/2017  | 75000  | N.A. |
| 39 | P.V.Ajesh, S/o<br>Velayudhan, Dwaraka,<br>Cherooppa, Kozhikode  | 39/2015-<br>16/Gr/<br>Dom/m-<br>1135/15<br>dt 08/07/15 | Granites | 186/1          | Pulikkal     | Kondotty       | Malappuram | 15 Ares    | 07-08-2015 | 07-07-2016 | 150000 | NA   |
| 40 | P.V.Ajesh, S/o<br>Velayudhan, Dwaraka,<br>Cherooppa, Kozhikode  | 40/2015-<br>16/Gr/<br>Dom/m-<br>1363/15<br>dt 08/07/15 | Granites | 187/pt         | Pulikkal     | Kondotty       | Malappuram | 10 Ares    | 07-08-2015 | 07-07-2016 | 75000  | NA   |
| 41 | P.T.Ashraf Mg.Partner, Al<br>Jouf Granite Metals,<br>Poovathikkal   | 41/2015-<br>16/Gr/<br>Dom/m-<br>844/15<br>dt 08/07/15  | Granites | Bl.27- 184/    | Urangattiri  | Ernad          | Malappuram | 40.47Ares  | 07-08-2015 | 07-07-2016 | 700000 | NA   |
| 42 | K.V.Moideenkoya,<br>Mg.Partner, New<br>Pannipara Bricks&Metals.<br>P.O.Pannipara.                                 | 42/2015-<br>16/Gr/<br>Dom/m-<br>1420/15<br>dt 10/07/15 | Granites | 12/1/1,1/2,1/3 | Perakamanna  | Ernad          | Malappuram | 60.7 Ares  | 07-10-2015 | 25/6/2016  | 700000 | NA   |
| 43 | K.M.Alikutty, Malattippara<br>House, Valiyaparamb,<br>Pulikkal.   | 43/2015-<br>16/Gr/<br>Dom/m-<br>1087/15<br>dt 10/07/15 | Granites | 317/3          | Pulikkal     | Kondotty       | Malappuram | 10 Ares    | 07-10-2015 | 25/6/2016  | 75000  | NA   |
| 44 | K.C.Janardhana Raja S/o<br>Parameswaran<br>Bhattathiripad,<br>Kadannamanna<br>Kovilakam,<br>Kadannamanna, Mankada | 44/2015-<br>16/Gr/<br>Dom/m-<br>861/15<br>dt 13/07/15  | Granites | 96/1 A         | Mankada      | Perinthalmanna | Malappuram | 9.72 Ares  | 13/7/2015  | 06-12-2016 | 75000  | NA   |
| 45 | P.Abbas S/o muhammed<br>Haji Verilakattil,<br>Muthuparamb.  | 45/2015-<br>16/Gr/<br>Dom/m-<br>1385/15<br>dt 13/07/15 | Granites | 96/1 A         | Mankada      | Perinthalmanna | Malappuram | 9.72 Ares  | 13/7/2015  | 06-12-2016 | 75000  | NA   |

|    |   |  |          |                |             |                |            |            |            |            |        |      |
|----|---|--|----------|----------------|-------------|----------------|------------|------------|------------|------------|--------|------|
| 46 | T.P.Abdul Hameed, Thumbath Puthen Peediyekkal House, Kannamangalam.                 | 131/2015-16/Gr/DOM/M-1496/15 dtd.14/3/16 | Granites | 250/pt, 151/pt | Nediyiruppu | Kondotty       | Malappuram | 48.60 Ares | 14/3/2016  | 13/3/2017  | 700000 | N.A. |
| 47 | Sivasankaran.M.P.S/o Navu, Mampatta Palliyalil House, Kadannamanna.                 | 47/2015-16/Gr/Dom/m-862/15 dt 4/9/15     | Granites | 65, 126/6      | Mankada     | Perinthalmanna | Malappuram | 10 Ares    | 23/9/2015  | 22/9/2016  | 75000  | NA   |
| 48 | M.E.Mohanan High Grip Granite, Vazhayoor.   | 54/2015-16/Gr/Dom/m-784/15 dt 14/10/15   | Granites | 155/3          | Vazhayoor   | Kondotty       | Malappuram | 50 Ares    | 14/10/2015 | 13/08/2016 | 480000 | NA   |
| 49 | M.K.Moosakutty, Mg.Partner, Rahmath Granite Crusher, Pannipara.                     | 64/2015-16/Gr/Dom/m-783/15 dt 14/10/15   | Granites | 7/3 pt, 4/1    | Karakunnu   | Ernad          | Malappuram | 40.47 Ares | 19/10/2015 | 18/10/2016 | 700000 |      |
| 50 | P.C.Abdurahiman, Kalpakavadi House, Valavannur.P.O.                                 | 66/2015-16/Gr/Dom/M-2370/15 dt 21/10/15  | Granites | 160            | Valavannur  | Tirur          | Malappuram | 9.71 Ares  | 21/10/2015 | 20/10/2016 | 75000  | NA   |
| 51 | P.K.Abdurahiman S/o Aboobacker, Poolakunnan House, Narukara.                        | 67/2015-16/Gr/Dom/M-1428/15 dt 21/10/15  | Granites | 168            | Anakkayam   | Ernad          | Malappuram | 14.58 Ares | 21/10/2015 | 20/10/2016 | 150000 | NA   |
| 52 | P.P.Abdurahman, Mg.Partner, Palliparamban House, (Karakamanna Metals) Keezhuparamb. | 76/2015-16/Gr/DOM/M-939/15 dtd.28/10/15  | Granites | 130/pt         | Pullipadam  | Nilambur       | Malappuram | 48.67 Ares | 28/10/2015 | 27/10/2016 | 700000 | NA   |
| 53 | Muhammed Ibrahim,S/o Moideenkutti Haji, Palakkan House, Pookkottur.                 | 82/2015-16/Gr/DOM/M-842/15 dtd.12/11/15  | Granites | Q2-1065/pt     | Melmuri     | Ernad          | Malappuram | 9.71 Ares  | 11-12-2015 | 11-11-2016 | 75000  | NA   |
| 54 | K.M.Koyamu, Managing Partner, Chirayil Granites, Kondotty, Chirayil.                | 133/2015-16/Gr/DOM/M-108/16 dtd.18/3/16  | Granites | 178/15         | Nediyiruppu | Kondotty       | Malappuram | 30 cents   | 18/3/2016  | 17/3/2017  | 150000 | N.A. |
| 55 | K.P.Muhammed S/o Alavi Haji, Kanniparambil House, Munniyoor.                        | 85/2015-16/Gr/DOM/M-2593/15 dtd.18/11/15 | Granites | 332            | Karakunnu   | Ernad          | Malappuram | 9.71 Ares  | 18/11/2015 | 17/11/2016 | 75000  | NA   |
| 56 | Kunhumammed Haji, S/o Kunhippu Haji, Vazhathodi House, Cherukara.                   | 86/2015-16/Gr/DOM/M-2442/15 dtd.25/11/15 | Granites | 7/7            | Elamkulam   | Perinthalmanna | Malappuram | 19.61 Ares | 25/11/2015 | 24/11/2016 | 150000 | NA   |
| 57 | K.Jayaprakash S/o Mavunni, Kottarathil House, Kannamvettikavu.                      | 87/2015-16/Gr/DOM/M-2357/15 dtd.27/11/15 | Granites | 266/2 pt       | Cherukavu   | Kondotty       | Malappuram | 46.53 Ares | 27/11/2015 | 26/11/2016 | 700000 | NA   |

|    |  |   |          |               |                 |                |            |            |            |            |        |      |
|----|--|---|----------|---------------|-----------------|----------------|------------|------------|------------|------------|--------|------|
| 58 | N P Abdul Azeez,<br>Managing Director,<br>Manjeri Bricks & Metals,<br>Pullancheri. | 88/2015-16/<br>Gr/DOM/M-<br>2658/15<br>dtd.30/11/15   | Granites | 281/2         | Anakkayam       | Ernad          | Malappuram | 40.47 Ares | 30/11/2015 | 29/11/2016 | 700000 | NA   |
| 59 | K.P.Muhammed Basher,<br>Kolamkadavath House,<br>Mattathur.                         | 37/2015-<br>16/Gr/<br>Dom/m-<br>839/15<br>dt 06/07/15 | Granites | B.37-251/1    | Ooragam         | Thirurangadi   | Malappuram | 10 Ares    | 07-06-2015 | 07-05-2016 | 75000  | NA   |
| 60 | K.Malathy, D/o<br>Velayudhan, Kottarathil<br>House, Kannamvettikavu.               | 91/2015-16/<br>Gr/DOM/M-<br>1719/15<br>dtd.2/12/15    | Granites | 266/2         | Kannamvettikavu | Thirurangadi   | Malappuram | 40.47 Ares | 12-02-2015 | 12-01-2016 | 700000 | N.A. |
| 61 | E.K.Khader Babu S/o<br>Moideen Haji, Suhara<br>Manzoil, Kannamangalam.             | 92/2015-16/<br>Gr/DOM/M-<br>1772/15<br>dtd.2/12/15    | Granites | 104/2 A       | Kannamangalam   | Thirurangadi   | Malappuram | 40.51 Ares | 12-02-2015 | 12-01-2016 | 700000 | N.A. |
| 62 | N.Abdurahiman,<br>Mg.Partner, Al-Madeena<br>Hollow Bricks, Payyanad.               | 94/2015-16/<br>Gr/DOM/M-<br>2656/15<br>dtd.4/12/15    | Granites | 359           | Payyanad        | Ernad          | Malappuram | 9.71 Ares  | 12-04-2015 | 12-03-2016 | 75000  | N.A. |
| 63 | Chakkeeri Shaik Abdulla<br>S/o Ahammed Kutti,<br>Chakkeeri House, Cheroor.         | 95/2015-16/<br>Gr/DOM/M-<br>2377/15<br>dtd.9/12/15    | Granites | 425           | Kannamangalam   | Thirurangadi   | Malappuram | 9.72 Ares  | 12-09-2015 | 12-08-2016 | 75000  | N.A. |
| 64 | T.P.Abdul Hameed,<br>Thumbath Puthen<br>Peediyekkal House,<br>Kannamangalam.       | 96/2015-16/<br>Gr/DOM/M-<br>2874/15<br>dtd.16/12/15   | Granites | 104/2 B       | Kannamangalam   | Thirurangadi   | Malappuram | 36 Cents   | 16/12/2015 | 15/12/2016 | 150000 | N.A. |
| 65 | P.Abbas S /o Muhammed<br>Haji, Verilakkatu House,<br>Valiyaparamb.                 | 97/2015-16/<br>Gr/DOM/M-<br>1098/15<br>dtd.16/12/15   | Granites | 180/7         | Pulikkal        | Kondotty       | Malappuram | 36 Cents   | 16/12/2015 | 15/12/2016 | 150000 | N.A. |
| 66 | P.Sivasankaran, S/o<br>Kunhiraman Nair,<br>Pothalakkal House,<br>Naduvath.P.O.     | 98/2015-16/<br>Gr/DOM/M-<br>1599/15<br>dtd.18/12/15   | Granites | 319/ pt       | Thiruvalli      | Nilambur       | Malappuram | 6.67 Ares  | 18/12/2015 | 17/12/2016 | 75000  | N.A. |
| 67 | E.K.Abdul Azeez,<br>E.K.C.Granite<br>Kannamangalam.                                | 101/2015-16/<br>Gr/DOM/M-<br>1276/15<br>dtd.21/12/15  | Granites | 1/-           | Kannamangalam   | Thirurangadi   | Malappuram | 36 Cents   | 21/12/2015 | 20/12/2016 | 150000 | N.A. |
| 68 | K.P.Aboobacker S/o Abu<br>Haji, Kangattu Puthen<br>Veettil House,<br>Vadakkangara. | 102/2015-16/<br>Gr/DOM/M-<br>2435/15<br>dtd.21/12/15  | Granites | 65            | Mankada         | Perinthalmanna | Malappuram | 9.71 Ares  | 21/12/2015 | 20/12/2016 | 75000  | N.A. |
| 69 | K.P.Muhammed Basher,<br>Kolamkadavath House,<br>Mattathur.                         | 38/2015-<br>16/Gr/<br>Dom/m-<br>870/15<br>dt 06/07/15 | Granites | 276/1         | Ooragam         | Thirurangadi   | Malappuram | 14.5 Ares  | 07-06-2015 | 07-05-2016 | 150000 | NA   |
| 70 | Abdul Azeez S/o<br>Kunhipokker, Palakkan<br>House, Melmuri.                        | 104/2015-16/<br>Gr/DOM/M-<br>1530/15<br>dtd.23/12/15  | Granites | Bl.8- 1562/pt | Melmuri         | Ernad          | Malappuram | 14.57 Ares | 23/12/2015 | 22/12/2016 | 150000 | N.A. |



|    |  |   |          |             |            |                |            |                      |            |            |        |      |
|----|--|---|----------|-------------|------------|----------------|------------|----------------------|------------|------------|--------|------|
| 71 | Muhammed Shareef S/o Moideen, Kuttikkadan House, Athavanad.          | 105/2015-16/Gr/DOM/M-1842/15 dtd.28/12/15 | Granites | 371/2       | Athavanad  | Tirur          | Malappuram | 19.42 Ares           | 28/12/2015 | 27/12/2016 | 150000 | N.A. |
| 72 | C.P.KuttuS/o Saithalu, Chakkali Parambil House, Thirunavaya.         | 106/2015-16/Gr/DOM/M-1604/15 dtd.28/12/15 | Granites | 371/1       | Athavanad  | Tirur          | Malappuram | 48 Cents             | 28/12/2015 | 27/12/2016 | 150000 | N.A. |
| 73 | Abdul Majeed.P., Mg.Partner, Manjeri Blue Metals, Amayoor.           | 108/2015-16/Gr/DOM/M-812/15 dtd.30/12/15  | Granites | Bl.67 110/1 | Karakunnu  | Ernad          | Malappuram | 40.47 Ares           | 30/12/2015 | 29/12/2016 | 700000 | N.A. |
| 74 | P.Abdul Azeez, Aal Ameen Crusher, Melmuri.                           | 109/2015-16/Gr/DOM/M-1580/15 dtd.1/1/16   | Granites | Q2-1065     | Melmuri    | Ernad          | Malappuram | 40.47 Ares           | 01-01-2016 | 31/12/2016 | 700000 | N.A. |
| 75 | Abdulsalam.K.T., Shamil Granites, Irivetti, Thottilangadi.P.O.       | 110/2015-16/Gr/DOM/M-863/15 dtd.1/1/16    | Granites | 524/2       | Kavanoor   | Ernad          | Malappuram | 9.72 Ares            | 01-01-2016 | 31/12/2016 | 75000  | N.A. |
| 76 | Saidalavi.C.S/o Muhammed, Chemmala House, Pulpatta.                  | 111/2015-16/Gr/DOM/M-1500/15 dtd.11/1/16  | Granites | 355         | Pulpatta   | Ernad          | Malappuram | 9.72 Ares            | 01-11-2016 | 01-10-2017 | 75000  | N.A. |
| 77 | Kunhamad.K.Kilinakkod Rock Products Pvt. Ltd, Cheror                 | 46/2015-16/Gr/Dom/m-1871/15 dt 4/9/15     | Granites | 24/3        | Ooragam    | Thirurangadi   | Malappuram | 0.9586 Hectares      | 09-04-2015 | 09-03-2016 | 240000 | NA   |
| 78 | K.Liyakkathali, Karuthedath House, Chathangottupuram.                | 113/2015-16/Gr/DOM/M-1259/15 dtd.22/1/16  | Granites | 323/1       | Thiruvalli | Nilambur       | Malappuram | 9.71 Ares            | 22/1/2016  | 20/1/2017  | 75000  | N.A. |
| 79 | P.Muhammadali S/o Ahammed, Parancheri House, Aravankara, Pookkottur. | 83/2015-16/Gr/DOM/M-1478/15 dtd.13/11/15  | Granites | 55          | Ooragam    | Thirurangadi   | Malappuram | 19.42 Ares           | 13/11/2015 | 11-12-2016 | 150000 | NA   |
| 80 | Basil Paul, Mg.Partner, Popular Sand & Metals, Ooragam, Melmuri.     | 90/2015-16/Gr/DOM/M-1115/15 dtd.2/12/15   | Granites | 42/2        | Ooragam    | Thirurangadi   | Malappuram | 1 Acre ( 40.46 Ares) | 12-02-2015 | 12-01-2016 | 700000 | N.A. |
| 81 | P.Abbas S/o muhammed Haji Verilakattil, Muthuparamb.                 | 116/2015-16/Gr/DOM/M-806/15 dtd.25/1/16   | Granites | 31/3        | Pulikkal   | Kondotty       | Malappuram | 9.71 Ares            | 25/1/2016  | 24/1/2017  | 75000  | N.A. |
| 82 | Kunnummal Ali S/o Muhammed, Kunnummal House, Iringallur.P.O.         | 117/2015-16/Gr/DOM/M-2420/15 dtd.29/1/16  | Granites | 20/         | Panakkad   | Kondotty       | Malappuram | 9.71 Ares            | 29/1/2016  | 28/1/2017  | 75000  | N.A. |
| 83 | Veeran S/o Muhammed haji, Kalathil House, Odamala, Cherukara.P.O.    | 118/2015-16/Gr/DOM/M-1331/15 dtd.29/1/16  | Granites | 1/          | Anamangad  | Perinthalmanna | Malappuram | 24 cents             | 29/1/2016  | 28/1/2017  | 75000  | N.A. |

|    |  |  |          |              |               |                |            |             |            |            |        |      |
|----|--|--|----------|--------------|---------------|----------------|------------|-------------|------------|------------|--------|------|
| 84 | Mubasheer.V.K., S/o Muhammadali Vaithalakkuzhi House, Cherooppa.             | 118/2015-16/Gr/DOM/M-1331/15 dtd.29/1/16 | Granites | 180/ 3       | Pulikkal      | Kondotty       | Malappuram | 9.60 Ares   | 29/1/2016  | 28/1/2017  | 75000  | N.A. |
| 85 | K.P.Abbassali, S/o Alavikutty, Karimbithodi House, Valiyaparamb.P.O.         | 120/2015-16/Gr/DOM/M-1401/15 dtd.1/2/16  | Granites | 180/1, 2     | Pulikkal      | Kondotty       | Malappuram | 9.6 Cents   | 02-01-2016 | 31/1/2017  | 75000  | N.A. |
| 86 | K.Ganeshan S/o Kandaswami, Kanichangottil House, Pannippara.P.O.             | 121/2015-16/Gr/DOM/M-1321/15 dtd.3/2/16  | Granites | Bl.68- 222/2 | Perakamanna   | Ernad          | Malappuram | 14.57 Ares  | 02-03-2016 | 02-02-2017 | 150000 | N.A. |
| 87 | O.P.Narayanan, S/o Kuttikoru, Ottuppara House, Pannippara                    | 122/2015-16/Gr/DOM/M-1322/15 dtd.3/2/16  | Granites | 105/1        | Edavanna      | Ernad          | Malappuram | 9.72 Ares   | 02-03-2016 | 02-02-2017 | 75000  | N.A. |
| 88 | Jose Kutti, S/o Joseph, Kochangadiyil House, Koorad.                         | 123/2015-16/Gr/DOM/M-2950/15 dtd.8/2/16  | Granites | 517/pt       | Wandoor       | Nilambur       | Malappuram | 9.71 Ares   | 02-08-2016 | 02-07-2017 | 75000  | N.A. |
| 89 | K.Abdul Harshad S/o Ahammedkutti, Kunnekkadan House, Chirayil.               | 124/2015-16/Gr/DOM/M-1507/15 dtd.10/2/16 | Granites | 105          | Kannamangalam | Thirurangadi   | Malappuram | 9.71 Ares   | 02-10-2016 | 02-09-2017 | 75000  | N.A. |
| 90 | M.K.Najeeb S/o Hassainar, Mannengal Kannamthodi, Pulamanthole                | 125/2015-16/Gr/DOM/M-2777/15 dtd.17/2/16 | Granites | 1/1 B        | Pulamanthole  | Perinthalmanna | Malappuram | 24 Cents    | 17/2/2016  | 16/2/2017  | 75000  | N.A. |
| 91 | Veerankutti Poothanari, S/o Andirahiman Haji, Pulpatta.                      | 126/2015-16/Gr/DOM/M-1523/15 dtd.17/2/16 | Granites | 307/3        | Pulpatta      | Pulpatta       | Malappuram | 14.56 Ares  | 17/2/2016  | 16/2/2017  | 150000 | N.A. |
| 92 | V.T.Abdurahiman, S/o Muhammed, Valiyathodi House, Ooragam Melmuri.           | 112/2015-16/Gr/DOM/M-1660/15 dtd.11/1/16 | Granites | 57/5         | Ooragam       | Thirurangadi   | Malappuram | 24 Cents    | 01-11-2016 | 01-10-2017 | 75000  | N.A. |
| 93 | P.Abbas S/o muhammed Haji Verilakattil, Muthuparamb.                         | 128/2015-16/Gr/DOM/M-1472/15 dtd.4/3/16  | Granites | 317/1, 2     | Pulikkal      | Kondotty       | Malappuram | 14.56 Ares  | 03-04-2016 | 03-03-2017 | 150000 | N.A. |
| 94 | A.P.Siddique S/o Muhammed Haji, Aparambil House, Parammalangadi.             | 129/2015-16/Gr/DOM/M-1467/15 dtd.14/3/16 | Granites | 104/1        | Kuruva        | Perinthalmanna | Malappuram | 9.71 Ares   | 14/3/2016  | 13/3/2017  | 75000  | N.A. |
| 95 | M.Musthafa S/o Hydru, Murikkumkadan House, Padinhattumuri.                   | 130/2015-16/Gr/DOM/M-2393/15 dtd.14/3/16 | Granites | 379/1        | Elamkur       | Ernad          | Malappuram | 9.72 Ares   | 14/3/2016  | 13/3/2017  | 75000  | N.A. |
| 96 | Kunhahammedkutti Director, Kilinakkod Rock Products Kilinakkod, Cheroor.P.O. | 127/2015-16/Gr/DOM/M-270/15 dtd.17/2/16  | Granites | B.37-24-3    | Ooragam       | Thirurangadi   | Malappuram | 0.95 Hector | 17/2/2016  | 16/2/2017  | 480000 | N.A. |



|     |  |  |          |          |               |                |            |            |           |           |        |      |
|-----|--|--|----------|----------|---------------|----------------|------------|------------|-----------|-----------|--------|------|
| 97  | Muhammed Nazar, S/o Muhammed, Kangattuparakkal House, Vadakkangara.  | 132/2015-16/Gr/DOM/M-2523/15 dtd.18/3/16 | Granites | 1 /-     | Mankada       | Perinthalmanna | Malappuram | 24 cents   | 18/3/2016 | 17/3/2017 | 75000  | N.A. |
| 98  | Abdurahiman Chelamadathil House Chathangottuppuram                   | 22/2015-16/Gr/Dom/m-1208/15 dt 29/5/15   | Granites | 145/13PT | Porur         | Nilambur       | Malappuram | 14.57 Ares | 29/5/2015 | 28/5/2016 | 150000 | NA   |
| 99  | K.Ayoobkhan, S/o Muhammed, Kizhisseri House, Velliancheri.P.O.       | 134/2015-16/Gr/DOM/M-213/16 dtd.21/3/16  | Granites | 40       | Edapatta      | Ernad          | Malappuram | 10 Ares    | 21/3/2016 | 20/3/2017 | 75000  | N.A. |
| 100 | M.M.Said Anwar S/o Muhammed Haji, Parakkulangara House, Muthuvallur. | 135/2015-16/Gr/DOM/M-2778/15 dtd.23/3/16 | Granites | 1/-      | Kannamangalam | Thirurangadi   | Malappuram | 1.2 Ares   | 23/3/2016 | 22/3/2017 | 700000 | N.A. |
| 101 | E.K.Abdul Azeez, E.K.C.Granite Kannamangalam.                        | 136/2015-16/Gr/DOM/M-1277/15 dtd.28/3/16 | Granites | 1/-      | Kannamangalam | Thirurangadi   | Malappuram | 9.71 Ares  | 23/3/2016 | 22/3/2017 | 75000  | N.A. |

**Table 2d: List of Quarrying Permit granted under CRPS for Laterite Building Stone**

| SI no. | Concession holder's name and address  | Concession no.                                 | Mineral  | Survey no. | Village      | Taluk          | District   | Area(ha)  | Valid from | Valid to   | Consolidated royalty(Rs) |
|--------|---|--|----------|------------|--------------|----------------|------------|-----------|------------|------------|--------------------------|
| 1      | Faisal A c<br>Akayi Cholakkal House<br>Pang South P.O   | 01/2015-16/Lt/Dom/m-815/15 Dt<br>20/04/2015    | Laterite | 157/7      | Kuruva       | Perinthalmanna | Malappuram | 10 Ares   | 20/04/2015 | 19/04/2016 | 75000                    |
| 2      | V K Ibrahim<br>Velladath Kurukayil house<br>Edayur North P.O  | 02/2015-16/Lt/Dom/m/794/15 dt<br>20/04/2015    | Laterite | 21         | Kuruvambalam | Perinthalmanna | Malappuram | 10 Ares   | 20/04/2016 | 19/04/2016 | 75000                    |
| 3      | P Mujeeb<br>S/o Veeran kutty<br>Areppara House<br>Puthur Pallikkal P.O                                | 03/2015-16/Lt/Dom/M<br>859/15 dt<br>22/04/2015 | Laterite | 416/1      | Pallikkal    | Kondotty       | Malappuram | 10 Ares   | 22/04/2015 | 21/04/2016 | 75000                    |
| 4      | Achuthan Nair<br>Ambalakkatt House<br>Edayur North P.o  | 4/2015-16 Dom/M/<br>843/15<br>dtd22/04/2015    | Laterite | 162/3      | Irimbiliyam  | Tirur          | Malappuram | 10 Ares   | 22/04/2015 | 21/04/2016 | 75000                    |
| 5      | Ajmal Thaha<br>S/o Ali<br>Kakkattu Chakkumthodi<br>House<br>Cheruvayoor P.O                           | 05/2015-16/Lt/Dom/m-838/15 dtd<br>22/04/2015   | Laterite | 226/1      | Vazhakkad    | Kondotty       | Malappuram | 10 Ares   | 22/04/2015 | 21/04/2016 | 75000                    |
| 6      | Hassan Kutty<br>Pezhungattil House<br>Cheekode P.O  | 06/2015-16/Lt/Dom/m-831/15 dtd<br>22/04/2015   | Laterite | 167/18     | Cheekode     | Kondotty       | Malappuram | 10 Ares   | 22/04/2016 | 21/04/2017 | 75000                    |
| 7      | Muhammed T<br>S/o Veeran haji<br>Thayyil Melathra House<br>Makkarapparamb P.O                         | 07/2015-16/Lt/Dom/m-835/15 dtd<br>23/04/2015   | Laterite | 51/5       | Vadakkangara | Perinthalmanna | Malappuram | 9.72 Ares | 23/04/2015 | 22/04/2016 | 75000                    |
| 8      | Abdurahiman K<br>S/o Ahammed<br>Ambalapparambil House<br>Chembrakkattur P .O<br>Areacode , Pin:673639 | 08/2015-16/Lt/Dom/m-836/15 dtd<br>23/04/2015   | Laterite | 50/4       | Kuzhimanna   | Kondotty       | Malappuram | 9.72 Ares | 23/04/2015 | 22/04/2016 | 75000                    |
| 9      | Shihabudheen K<br>S/o Ummer<br>Manjikkal House<br>Chembrakkattur Areacode                             | 09/2015-16/Lt/Dom/m-837/15 dtd<br>23/04/2015   | Laterite | 88/18      | Kuzhimanna   | Kondotty       | Malappuram | 9.71 Ares | 23/04/2015 | 22/04/2016 | 75000                    |

|    |   |  |          |                    |               |                |            |         |            |            |        |
|----|---|--|----------|--------------------|---------------|----------------|------------|---------|------------|------------|--------|
| 10 | V C Muhammed Kutty<br>Vadake Cholakkal House<br>Ullanam North P.O<br>Pin:676303 | 10/2015-<br>16/Lt/Dom/m-<br>868/15 dtd<br>27/04/2016 | Laterite | 101                | Peruvallur    | Kondotty       | Malappuram | 10 Ares | 27/04/2015 | 26/04/2016 | 75000  |
| 11 | K P Sreedharan<br>S/o Velukutti<br>Sree Nilayam Palikkal                        | 11/2015-<br>16/Lt/Dom/m-<br>903/15 dtd<br>27/04/2015 | Laterite | 322/1              | Cheekode      | Kondotty       | Malappuram | 10 Ares | 27/04/2015 | 26/04/2016 | 75000  |
| 12 | M C Ibrahim<br>Palekkattu Kundil House<br>Olamathil P.O                         | 12/2015-<br>16/Lt/Dom/m-<br>935/15 dtd<br>27/04/2015 | Laterite | 72/6               | Vettikkattiri | Eranad         | Malappuram | 10 Ares | 27/04/2015 | 26/04/2016 | 75000  |
| 13 | P . Muhammed<br>Thadathil House<br>Ugraparam P.O                                | 13/2015-<br>16/Lt/Dom/m-<br>823/15 dtd<br>27/04/2015 | Laterite | 32/B1<br>Sy No.1/1 | Areacode      | Eranad         | Malappuram | 10 Ares | 27/04/2015 | 26/04/2016 | 75000  |
| 14 | Mujeeb Rahman<br>Koradan House<br>Chengottur P.o                                | 14/2015-<br>16/Lt/Dom/m-<br>866/15 dtd<br>27/04/2015 | Laterite | 496/3,4            | Kuruva        | Perinthalmanna | Malappuram | 20 Ares | 27/04/2015 | 26/04/2016 | 150000 |
| 15 | Chekkutty<br>Vellakkanakath House<br>Karekkad P.O                               | 15/2015-<br>16/Lt/Dom/m-<br>945/15 dtd<br>27/04/2015 | Laterite | 251/9              | Kuruva        | Perinthalmanna | Malappuram | 20 Ares | 27/04/2015 | 26/04/2016 | 150000 |
| 16 | Ismail<br>Chalakkathodi House<br>Mongam P.O                                     | 16/2015-<br>16/Lt/Dom/m-<br>886/15 dtd<br>27/04/2015 | Laterite | 59/A               | Morayur       | Kondotty       | Malappuram | 10 Ares | 27/04/2015 | 26/04/2016 | 75000  |
| 17 | Hussain V K<br>Valakkundil House<br>Kadambode P.O Pandallur<br>pin:676521       | 17/2015-<br>16/Lt/Dom/m-<br>262/15 dtd<br>27/04/2015 | Laterite | 83/3               | Pandallur     | Eranad         | Malappuram | 10 Ares | 27/04/2015 | 26/04/2016 | 75000  |
| 18 | Baiju K S<br>S/o Bani K V<br>Kalan Paramabath House<br>Kundur P O               | 18/2015-<br>16/Lt/Dom/m-<br>929/15 dtd<br>29/04/2015 | Laterite | 102/1              | Kuruva        | Perinthalmanna | Malappuram | 20 Ares | 29/04/2015 | 28/04/2016 | 150000 |
| 19 | Muhammed Kutty<br>Veshnam Para House<br>Edayur P.O                              | 19/2015-<br>16/Lt/Dom/m-<br>934/15 dtd<br>29/04/2015 | Laterite | 251/9              | Kuruva        | Perinthalmanna | Malappuram | 10 Ares | 29/04/2015 | 28/04/2016 | 75000  |

|    |   |   |          |          |               |                |            |         |            |            |       |
|----|---|---|----------|----------|---------------|----------------|------------|---------|------------|------------|-------|
| 20 | Abu Thahir<br>S/o Kunhali kutty<br>Pandikkadavath House<br>Oorakam Melmuri        | 20/2015-<br>16/Lt/Dom/m-<br>988/15 dtd<br>29/04/2015  | Laterite | Q18/1158 | Melmuri       | Eranad         | Malappuram | 10 Ares | 29/04/2015 | 28/04/2016 | 75000 |
| 21 | Abu Thahir<br>S/o Kunhali kutty<br>Pandikkadavath House<br>Oorakam Melmuri        | 21/2015-<br>16/Lt/Dom/m-<br>911/15 dtd<br>29/04/2015  | Laterite | 138/7    | Koottilangadi | Perinthalmanna | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000 |
| 22 | K Muhammed<br>Kaithara House<br>Kavanoor  | 22/2015-<br>16/Lt/Dom/m-<br>1022/15<br>dtd04/05/2015  | Laterite | 109/1,2  | Payyanad      | Eranad         | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000 |
| 23 | Sirajuddin E K<br>Eriyakkalam House<br>Pookkottur P.O                             | 23/2015-<br>16/Lt/Dom/m-<br>865/15 dtd<br>04/05/2015  | Laterite | 5/2      | Mankada       | Perinthalmanna | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000 |
| 24 | Muhammed Basheer<br>Varikkodan House<br>Randathani P.o                            | 24/2015-<br>16/Lt/Dom/m-<br>910/15 dtd<br>04/05/2015  | Laterite | 1        | Edayur        | Tirur          | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000 |
| 25 | Abdul Rafeeque<br>S/o Muhammed<br>Cheriyambadan Kudukkil<br>House<br>Valiyaparamb | 25/2015-<br>16/Lt/Dom/m-<br>1013/15 dtd<br>04/05/2015 | Laterite | 25/1     | Muthuvallur   | Kondotty       | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000 |
| 26 | Alavi<br>Oorakkottil House<br>Vellila P.o   | 26/2015-<br>16/Lt/Dom/m-<br>851/15 dtd<br>04/05/2015  | Laterite | 5/2      | Mankada       | Perinthalmanna | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000 |
| 27 | Sulaiman<br>Muduvatta House<br>Palikkal P.O                                       | 27/2015-<br>16/Lt/Dom/m-<br>869/15 dtd<br>04/05/2015  | Laterite | 5/1      | Mankada       | Perinthalmanna | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000 |
| 28 | Aboobacker T V<br>Thottupadath Valappil House<br>Alangode P.O                     | 28/2015-<br>16/Lt/Dom/m-<br>957/15 dtd<br>04/05/2015  | Laterite | 332/1B   | Naduvattam    | Tirur          | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000 |
| 29 | Ali Mammad P<br>S/o Moideen<br>Akkara House<br>Valluvambram                       | 29/2015-<br>16/Lt/Dom/m-<br>985/15 dtd<br>04/05/2015  | Laterite | 268/1pt  | Morayur       | Kondotty       | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000 |

|    |  |   |          |           |               |                |            |         |            |            |        |
|----|--|---|----------|-----------|---------------|----------------|------------|---------|------------|------------|--------|
| 30 | K M Saidalavi<br>S/o Kunhappukutty Haji<br>Manayil House<br>Mundakkal          | 30/2015-<br>16/Lt/Dom/m-<br>976/15 dtd<br>04/05/2015  | Laterite | 17/1      | Muthuvallur   | Kondotty       | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000  |
| 31 | T A Aboobacker<br>Thazhe Ayyangal House<br>Mundakkal                           | 31/2015-<br>16/Lt/Dom/m-<br>976/15 dtd<br>04/05/2015  | Laterite | 23/2      | Muthuvallur   | Kondotty       | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000  |
| 32 | P Basheer<br>S/o Muhammed<br>Vellaram Parakkal House<br>Olamathil P.O          | 32/2015-<br>16/Lt/Dom/m-<br>904/15 dtd<br>04/05/2015  | Laterite | Q17-1022  | Melmuri       | Eranad         | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000  |
| 33 | Chandrababu<br>Mannavakkal House<br>Olamathil P.o                              | 33/2015-<br>16/Lt/Dom/m-<br>857/15 dtd<br>04/05/2015  | Laterite | Q17- 1024 | Melmuri       | Eranad         | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000  |
| 34 | P V Unnimoyin<br>S/o Ahammed Kutty<br>Pattakkal Vadakkayil House<br>Vilayil PO | 34/2015-<br>16/Lt/Dom/m-<br>902/15 dtd<br>04/05/2015  | Laterite | 298/4     | Cheekode      | Kondotty       | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000  |
| 35 | Shihabudheen<br>S/o Beeran<br>Cholayil House Vilayil P.o                       | 35/2015-<br>16/Lt/Dom/m-<br>913/15 dtd<br>04/05/2015  | Laterite | 320/10    | Cheekode      | Kondotty       | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000  |
| 36 | Ubaid K<br>S/o Mammu<br>Kuriyedath House<br>Kadampuzha P.o                     | 36/2015-<br>16/Lt/Dom/m-<br>1077/15 dtd<br>04/05/2015 | Laterite | 458/3     | Ponmala       | Tirur          | Malappuram | 20 Ares | 05-04-2015 | 05-03-2016 | 150000 |
| 37 | P Abdu rahman<br>Palisseri house<br>Ernad P.O                                  | 37/2015-<br>16/Lt/Dom/m-<br>848/15 dtd<br>04/05/2015  | Laterite | 5/2,4/3   | Mankada       | Perinthalmanna | Malappuram | 10 Ares | 05-04-2015 | 05-03-2016 | 75000  |
| 38 | Sainudheen<br>S/o Koyakutti<br>Ponnet House Cheror P.O                         | 37/2015-<br>16/Lt/Dom/m-<br>971/15 dtd<br>06/05/2015  | Laterite | 152/1     | Kannamangalam | Thirurangadi   | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |
| 39 | V P Siddiqueu haji<br>S/o Moideen<br>Valaparamban House<br>Karulayi            | 39/2015-<br>16/Lt/Dom/m-<br>1030/15 dtd<br>06/05/2015 | Laterite | 66/8pt    | Wandoor       | Nilamabur      | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |

|    |  |   |          |           |             |                |            |         |            |            |        |
|----|--|---|----------|-----------|-------------|----------------|------------|---------|------------|------------|--------|
| 40 | Muhammed P<br>Palapra House<br>Pandallur P.o   | 40/2015-<br>16/Lt/Dom/m-<br>853/15 dtd<br>06/05/2015  | Laterite | 4/3,5/1,2 | Mankada     | Perinthalmanna | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |
| 41 | Muhammed Abdul Liyakkath<br>S/o Chekku Haji<br>Koorimannil<br>Kazhukkunnummal House<br>Kadambode P.o | 41/2015-<br>16/Lt/Dom/m-<br>804/15 dtd<br>06/05/2015  | Laterite | 168/pt    | Anakkayam   | Eranad         | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |
| 42 | M Chandran<br>Mandalath House<br>Oorakam Melmuri   | 42/2015-<br>16/Lt/Dom/m-<br>854/15 dtd<br>06/05/2015  | Laterite | 132/pt    | Oorakam     | Thirurangadi   | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |
| 43 | Muhammed Nazar M K<br>S/o Moosa<br>Mathari Kunnath House<br>Kadambode P.o 676521                     | 43/2015-<br>16/Lt/Dom/m-<br>1036/15 dtd<br>06/05/2015 | Laterite | 77/1      | Pandallur   | Eranad         | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |
| 44 | Ibrahim Kutti<br>Kuruvambra House<br>Pulpatt   | 44/2015-<br>16/Lt/Dom/m-<br>860/15 dtd<br>06/05/2015  | Laterite | 4/3       | Mankada     | Perinthalmanna | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |
| 45 | Haneefa P K<br>S/o Alavikutti<br>Poodamkuttiyil House<br>Peruvallur                                  | 45/2015-<br>16/Lt/Dom/m-<br>1073/15 dtd<br>06/05/2015 | Laterite | 62/4      | Peruvallur  | Thirurangadi   | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |
| 46 | Abdul Hakkim<br>Panampuzha<br>Mannamthodi House<br>Melmuri P.o                                       | 46/2015-<br>16/Lt/Dom/m-<br>1009/15 dtd<br>06/05/2015 | Laterite | 35        | Panakkad    | Eranad         | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |
| 47 | Abdul Rasheed<br>S/o Kunhimammed<br>Parakadavath House<br>Kottakkal                                  | 47/2015-<br>16/Lt/Dom/m-<br>901/15 dtd<br>06/05/2015  | Laterite | 166/3     | Irimbiliyam | Tirur          | Malappuram | 20 Ares | 05-06-2015 | 05-05-2016 | 150000 |
| 48 | P Musthafa<br>S/o Abdul Khadar<br>Puthukulangara padi House<br>Mannoor P.O Kadalundi via             | 48/2015-<br>16/Lt/Dom/m-<br>847/15 dtd<br>06/05/2015  | Laterite | 28/5      | Kondotty    | Kondotty       | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |



|    |  |   |          |          |               |                |            |         |            |            |        |
|----|--|---|----------|----------|---------------|----------------|------------|---------|------------|------------|--------|
| 49 | Kunhimammed K<br>S/o Moideen Kutti<br>Kanneth House Cheroor P.o              | 49/2015-<br>16/Lt/Dom/m-<br>997/15 dtd<br>06/05/2015  | Laterite | 389      | Kannamangalam | Thirurangadi   | Malappuram | 10 Ares | 05-06-2015 | 05-05-2016 | 75000  |
| 50 | Choyikkutti Alias Manu<br>kkuttan<br>Edam veed<br>Pallikkal                  | 50/2015-<br>16/Lt/Dom/m-<br>993/15 dtd<br>06/05/2015  | Laterite | 240/5    | Chelambra     | Kondotty       | Malappuram | 10 Ares | 05-06-2015 | 05-05-5016 | 75000  |
| 51 | Alavi Haji<br>S/o Muhammed Haji<br>Mathari Meleveetil Hosue<br>Kadambode P.o | 51/2015-<br>16/Lt/Dom/m-<br>954/15 dtd<br>08/05/2015  | Laterite | 77/1     | Pandallur     | Eranad         | Malappuram | 10 Ares | 05-08-2015 | 05-07-2016 | 75000  |
| 52 | Abdul Noufal<br>S/o Veeran<br>Eriyakkalam House<br>Pookkottur P.o            | 52/2015-<br>16/Lt/Dom/m-<br>922/15 dtd<br>08/05/2015  | Laterite | Q19-1550 | Melmuri       | Eranad         | Malappuram | 10 Ares | 8/5//2015  | 05-07-2016 | 75000  |
| 53 | Noorudheen<br>S/o Musthafa<br>Madakkal House<br>Valavannur                   | 53/2015-<br>16/Lt/Dom/m-<br>1077/15 dtd<br>08/05/2015 | Laterite | 458/3    | Ponmala       | Tirur          | Malappuram | 10 Ares | 05-08-2015 | 05-07-2016 | 75000  |
| 54 | Shaji K<br>S/o Kunhi Moideen<br>Kaliyath House<br>Irimbiliyam                | 54/2015-<br>16/Lt/Dom/m-<br>1099/15 dtd<br>08/05/2015 | Laterite | 4/3      | Mankada       | Perinthalmanna | Malappuram | 10 Ares | 05-08-2015 | 05-07-2016 | 75000  |
| 55 | K Abdul Salam<br>S/o Hydros<br>keyath Hosue<br>Pookkottur P.O                | 55/2015-<br>16/Lt/Dom/m-<br>969/15 dtd<br>08/05/2015  | Laterite | 553/1A1B | Malappuram    | Eranad         | Malappuram | 10 Ares | 05-08-2015 | 05-07-2016 | 75000  |
| 56 | P P Abdul Jaleel<br>Palliyali peediyekkal House<br>Melmuri P.O               | 56/2015-<br>16/Lt/Dom/m-<br>1047/15 dtd<br>11/05/2015 | Laterite | 395      | Pookkottur    | Eranad         | Malappuram | 10 Ares | 05-11-2015 | 05-10-2016 | 75000  |
| 57 | K P Nasheed<br>S/o Hamza<br>Kangattu Parakkal<br>Vadakkangara                | 57/2015-<br>16/Lt/Dom/m-<br>1121/15 dtd<br>11/05/2015 | Laterite | 138/1    | Koottilangadi | Perinthalmanna | Malappuram | 10 Ares | 05-11-2015 | 05-10-2016 | 75000  |
| 58 | P N Faisal<br>S/o Moosa<br>Palempadiyan House<br>Koottilangadi P.o           | 58/2015-<br>16/Lt/Dom/m-<br>1120/15 dtd<br>11/05/2015 | Laterite | 138/1    | Koottilangadi | Perinthalmanna | Malappuram | 20 Ares | 05-11-2015 | 05-10-2016 | 150000 |

|    |   |   |          |          |               |                |            |         |            |            |        |
|----|---|---|----------|----------|---------------|----------------|------------|---------|------------|------------|--------|
| 59 | Abdul Hakheem<br>S/o Moosa Haji<br>Panampuzha Mannamthodi H<br>Melmuri                | 59/2015-<br>16/Lt/Dom/m-<br>1075/15 dtd<br>11/05/2015 | Laterite | 5/2      | Mankada       | Perinthalmanna | Malappuram | 20 Ares | 05-11-2015 | 05-10-2016 | 150000 |
| 60 | Mammad M<br>S/o Moosa<br>Moyikkal House<br>Mariyad P.O                                | 60/2015-<br>16/Lt/Dom/m-<br>1074/15 dtd<br>11/05/2015 | Laterite | Q17-1024 | Melmuri       | Eranad         | Malappuram | 10 Ares | 08-11-2015 | 05-10-2016 | 75000  |
| 61 | Muhammed Sulaiman<br>Alangadan House<br>Choonur Chengottur P.O                        | 61/2015-<br>16/Lt/Dom/m-<br>912/15 dtd<br>11/05/2015  | Laterite | 341/1B2  | Kuruva        | Perinthalmanna | Malappuram | 20 Ares | 05-11-2015 | 05-10-2016 | 150000 |
| 62 | Abdul Nazar C M<br>S/o Moideen Kutti<br>Cholakkal Melethil House<br>Athipatta Edaayur | 62/2015-<br>16/Lt/Dom/m-<br>923/15 dtd<br>13/05/2015  | Laterite | 411/4    | Edayur        | Tirur          | Malappuram | 10 Ares | 13/5/2015  | 05-12-2016 | 75000  |
| 63 | Moideen Kutty<br>S/o Kunhi kammu<br>Maliyekkal House<br>Edayur P.o                    | 63/2015-<br>16/Lt/Dom/m-<br>856/15 dtd<br>13/05/2015  | Laterite | 290      | Edayur        | Tirur          | Malappuram | 10 Ares | 13/5/2015  | 05-12-2016 | 75000  |
| 64 | Abdul Samad<br>S/o Komu Haji<br>Panakkath House<br>Kannamangalam P.O                  | 64/2015-<br>16/Lt/Dom/m-<br>1025/15 dtd<br>13/05/2015 | Laterite | 154/2B   | Kannamangalam | Thirurangadi   | Malappuram | 10 Ares | 13/5/2015  | 05-12-2016 | 75000  |
| 65 | K Babu<br>S/o Krishnana nair<br>Kandiyil House<br>kayalam Kozhikkode                  | 65/2015-<br>16/Lt/Dom/m-<br>980/15 dtd<br>13/05/2015  | Laterite | 464/1    | Vazhakkad     | Kondotty       | Malappuram | 10 Ares | 13/5/2015  | 05-12-2016 | 75000  |
| 66 | Kunhimammed<br>Vathukattil House<br>Edayur North P.o                                  | 66/2015-<br>16/Lt/Dom/m-<br>840/15 dtd<br>13/05/2015  | Laterite | 241/1    | Moorkanad     | Perinthalmanna | Malappuram | 10 Ares | 13/5/2015  | 05-12-2016 | 75000  |
| 67 | K V Abdul Rasak<br>Kalluvalappil House<br>Edayur P.O                                  | 67/2015-<br>16/Lt/Dom/m-<br>839/15 dtd<br>13/05/2015  | Laterite | 110/1    | Edayur        | Tirur          | Malappuram | 10 Ares | 13/5/2015  | 05-12-2016 | 75000  |
| 68 | Shihabudheen<br>S/o Alavi<br>Poozhithara House<br>Pang South                          | 68/2015-<br>16/Lt/Dom/m-<br>1139/15 dtd<br>13/05/2015 | Laterite | 240/A    | Moorkanad     | Perinthalmanna | Malappuram | 20 Ares | 13/5/2015  | 05-12-2016 | 75000  |
| 69 | Abdul Hakkim<br>S/o Muhammed Haji<br>Ennakkod House<br>Pulpatta                       | 69/2015-<br>16/Lt/Dom/m-<br>892/15 dtd<br>13/05/2015  | Laterite | 1024     | Melmuri       | Eranad         | Malappuram | 10 Ares | 13/5/2015  | 05-12-2016 | 75000  |

|    |   |   |          |                |               |                |            |         |           |           |        |
|----|---|---|----------|----------------|---------------|----------------|------------|---------|-----------|-----------|--------|
| 70 | Abdul Abdul Rasak M P<br>S/o Muhammed<br>Pallikkuthi chalil House<br>Kavanoor P.o | 70/2015-<br>16/Lt/Dom/m-<br>1043/15 dtd<br>15/05/2015 | Laterite | BL 58<br>355/7 | Pulpatta      | Eranad         | Malappuram | 10 Ares | 15/5/2015 | 14/5/2016 | 75000  |
| 71 | Arumughan<br>Cholakkal House<br>Kolathur P.o                                      | 71/2015-<br>16/Lt/Dom/m-<br>867/15 dtd<br>15/05/2015  | Laterite | 290/9          | Moorkanad     | Perinthalmanna | Malappuram | 10 Ares | 15/5/2015 | 14/5/2016 | 75000  |
| 72 | Noorul Hassan<br>S/o Abdurahiman<br>Mundakapparambil House<br>Irivetti            | 72/2015-<br>16/Lt/Dom/m-<br>1134/15 dtd<br>15/05/2015 | Laterite | 56/2           | Kavanoor      | Eranad         | Malappuram | 10 Ares | 15/5/2015 | 14/5/2016 | 75000  |
| 73 | A P Saidalavi<br>S/o Athraman Kutty<br>Adangan Paravan House<br>Kavanoor          | 73/2015-<br>16/Lt/Dom/m-<br>1023/15 dtd<br>15/05/2015 | Laterite | 144/pt         | Kavanoor      | Eranad         | Malappuram | 10 Ares | 15/5/2015 | 14/5/2016 | 75000  |
| 74 | Haridasan Pallikkara<br>S/o Imbichi<br>Pallikkara House<br>Parambil Peedika       | 74/2015-<br>16/Lt/Dom/m-<br>972/15 dtd<br>15/05/2015  | Laterite | 154/2A         | Kannamangalam | Thirurangadi   | Malappuram | 20 Ares | 15/5/2015 | 14/5/2016 | 150000 |
| 75 | Abdul Salam<br>S/o Kammu kutti<br>Palakkal House<br>Karippur                      | 75/2015-<br>16/Lt/Dom/m-<br>1049/15 dtd<br>15/05/2015 | Laterite | 151/1A1        | Peruvallur    | Thirurangadi   | Malappuram | 10 Ares | 15/5/2015 | 14/5/2016 | 75000  |
| 76 | P Muhammed<br>S/o Kunhalan<br>Pathunr House<br>Pookkottur                         | 76/2015-<br>16/Lt/Dom/m-<br>1116/15 dtd<br>15/05/2015 | Laterite | BL 59<br>229   | Pulpatta      | Eranad         | Malappuram | 10 Ares | 15/5/2015 | 14/5/2016 | 75000  |
| 77 | Kunhi Muhammed<br>S/o Abu<br>Thulunadan House<br>Kurumbathur                      | 77/2015-<br>16/Lt/Dom/m-<br>1125/15 dtd<br>15/05/2015 | Laterite | 292/2B         | Kuttippuram   | Tirur          | Malappuram | 10 Ares | 15/5/2015 | 14/5/2016 | 75000  |
| 78 | K k Shoukath Ali<br>S/o Kunhu Muhammed<br>Karuvakunnan House<br>Oorangattiri      | 78/2015-<br>16/Lt/Dom/m-<br>1129/15 dtd<br>15/05/2015 | Laterite | BL 21<br>113/2 | Kizhuparamb   | Eranad         | Malappuram | 10 Ares | 15/5/2015 | 14/5/2016 | 75000  |
| 79 | Kunhammed K M<br>s/o Abdulla kutti<br>Karaparamban House<br>Pang P.O              | 79/2015-<br>16/Lt/Dom/m-<br>1127/15 dtd<br>15/05/2015 | Laterite | 251/6A         | Kuruva        | Perinthalmanna | Malappuram | 14 Cent | 15/5/2015 | 14/5/2016 | 75000  |

|    |   |  |                 |                 |               |                |            |          |           |           |        |
|----|---|--|-----------------|-----------------|---------------|----------------|------------|----------|-----------|-----------|--------|
| 80 | KunhiMuhammad<br>S/o Mammutti<br>Cheladan Chalu Valappil H<br>Karekkad          | 80/2015-<br>16/Lt/Dom/m-<br>1130/15 dtd<br>15/05/2015          | Laterite        | 495/7,8,9       | Kuruva        | Perinthalmanna | Malappuram | 9.1 Ares | 15/5/2015 | 14/5/2016 | 75000  |
| 81 | Noufal<br>S/o Hameed<br>Vadake chalil House<br>Thottada                         | 81/2015-<br>16/Lt/Dom/m-<br>1041/15 dtd<br>15/05/2015          | Laterite        | 208             | Kannamangalam | Thirurangadi   | Malappuram | 20 Ares  | 15/5/2015 | 14/5/2016 | 150000 |
| 82 | Musthafa K<br>S/o Muhammed<br>Kizhakkethil House<br>Indianoor                   | 82/2015-<br>16/Lt/Dom/m-<br>1042/15 dtd<br>15/05/2015          | Laterite        | 93/2            | Ponmala       | Tirur          | Malappuram | 10 Ares  | 15/5/2015 | 14/5/2016 | 75000  |
| 83 | M Hamsz haji<br>S/o Muhammed Haji<br>Mulanhippulan House<br>Indianoor           | 83/2015-<br>16/Lt/Dom/m-<br>982/15 dtd<br>15/05/2015           | Laterite        | BL 41<br>413/3  | Ponmala       | Tirur          | Malappuram | 10 Ares  | 15/5/2015 | 14/5/2016 | 75000  |
| 84 | T K Ahammed Kutti<br>Thirunnavaya Kalathil house<br>Pazhoor Kuttippuram         | 84/2015-<br>16/Lt/Dom/m-<br>897/15 dtd<br>15/05/2015           | Laterite        | 364/1,2         | Naduvattam    | Tirur          | Malappuram | 10 Ares  | 15/5/2015 | 14/5/2016 | 75000  |
| 85 | Shihabudheen<br>S/o Muhammed<br>Puthukkudi House<br>A R Nagar P.O               | <b>85/2015-<br/>16/Lt/Dom/m-<br/>982/15 dtd<br/>18/05/2015</b> | <b>Laterite</b> | 413/3<br>BL 41  | Ponmala       | Tirur          | Malappuram | 20 Ares  | 18/5/2015 | 17/5/2016 | 150000 |
| 86 | Jafar Sadiqe<br>S/o Moideen kutti Haji<br>Karippa Palliyali House<br>Kuzhimanna | 86/2015-<br>16/Lt/Dom/m-<br>1034/15 dtd<br>18/05/2015          | Laterite        | BL 30<br>29/3   | Kavanoor      | Eranad         | Malappuram | 10 Ares  | 18/5/2015 | 17/5/2016 | 75000  |
| 87 | 2   | 87/2015-<br>16/Lt/Dom/m-<br>1221/15 dtd<br>18/05/2015          | Laterite        | 152/2A          | Kannamangalam | Thirurangadi   | Malappuram | 10 Ares  | 18/5/2015 | 17/5/2016 | 75000  |
| 88 | C Salim<br>S/o Aboobacker<br>Choorakkuth House<br>Keezhattor                    | 88/2015-<br>16/Lt/Dom/m-<br>977/15 dtd<br>18/05/2015           | Laterite        | 149/1A1         | melattur      | Perinthalmanna | Malappuram | 10 Ares  | 18/5/2015 | 17/5/2016 | 75000  |
| 89 | V K Basheer<br>S/o Abu<br>Vettekkodan House<br>Poonthavanam                     | 89/2015-<br>16/Lt/Dom/m-<br>906/15 dtd<br>18/05/2015           | Laterite        | 13/8            | Valambur      | Perinthalmanna | Malappuram | 10 Ares  | 18/5/2015 | 17/5/2016 | 75000  |
| 90 | N Narayanan<br>S/o Ayyappan<br>Naduvakkad House<br>Elayur                       | 90/2015-<br>16/Lt/Dom/m-<br>1128/15 dtd<br>18/05/2015          | Laterite        | BL 29<br>56/2pt | Kavanoor      | Eranad         | Malappuram | 10 Ares  | 18/5/2015 | 17/5/2016 | 75000  |

|     |  |  |          |                |              |                |            |            |           |           |        |
|-----|--|--|----------|----------------|--------------|----------------|------------|------------|-----------|-----------|--------|
| 91  | M P Suhair<br>S/o Ahammed Kutti<br>Palliyalil House<br>Puthur Pallikkal House                      | 91/2015-<br>16/Lt/Dom/m-<br>1239/15 dtd<br>18/05/2015  | Laterite | BL 9<br>212/2  | Pulikkal     | Kondotty       | Malappuram | 10 Ares    | 18/5/2015 | 17/5/2016 | 75000  |
| 92  | Ashraf K M<br>Kiliyamannil House<br>Pang South P.O Malappuram                                      | 92/2015-<br>16/Lt/Dom/m-<br>984/15 dtd<br>18/05/2015   | Laterite | 73             | Edayur       | Tirur          | Malappuram | 10 Ares    | 18/5/2015 | 17/5/2016 | 75000  |
| 93  | Unnikrishnan P P<br>S/o Velayudhan<br>Pandarapparambil House<br>Kadampuzha                         | 93/2015-<br>16/Lt/Dom/m-<br>1008/15 dtd<br>18/05/2015  | Laterite | 210/1A         | Kuruvambalam | Perinthalmanna | Malappuram | 10 Ares    | 18/5/2015 | 17/5/2016 | 75000  |
| 94  | K V Siddique<br>S/o Moidutty<br>Kaliyar Vattath House<br>Valiyakunnu                               | 94/2015-<br>16/Lt/Dom/m-<br>905/15 dtd<br>18/05/2015   | Laterite | 210/1A         | Irimbiliyam  | Tirur          | Malappuram | 10 Ares    | 18/5/2015 | 17/5/2016 | 75000  |
| 95  | E Pradeesh<br>S/o Subrahmanian<br>Itteppadan House<br>Pang Malappuram                              | 95/2015-<br>16/Lt/Dom/m-<br>974/15 dtd<br>18/05/2015   | Laterite | 100/1          | Kuruva       | Perinthalmanna | Malappuram | 10 Ares    | 18/5/2015 | 17/5/2016 | 75000  |
| 96  | Fayis Thaikadan<br>S/o Haneefa Thaikadan<br>Thaikadan House<br>Indianoor Pin: 676503<br>Malappuram | 96/2015-<br>16/Lt/Dom/m-<br>1011/15 dtd<br>20/05/2015  | Laterite | BL 42<br>92/1  | Ponmala      | Tirur          | Malappuram | 15.37 Ares | 20/5/2015 | 19/5/2016 | 150000 |
| 97  | Muhammed Rafeeqe<br>Chungath House<br>Thirurkkad P.O<br>Pin:679321 Malappuram                      | 97/2015-<br>16/Lt/Dom/m-<br>936/15 dtd<br>20/05/2015   | Laterite | 106/7          | Vadakkangara | Perinthalmanna | Malappuram | 10 Ares    | 20/5/2015 | 19/5/2016 | 75000  |
| 98  | C k Mirshad<br>S/o Aboobacker<br>Choorali kunnath House<br>Valillapuzha                            | 98/2015-<br>16/Lt/Dom/m-<br>1037/15 dtd<br>20/05/2015  | Laterite | 204/1          | Oorngattiri  | Eranad         | Malappuram | 10 Ares    | 20/5/2015 | 19/5/2016 | 75000  |
| 99  | M Najumudheen<br>S/o Soopy<br>Narangatt House<br>Karipoor  | 99/2015-<br>16/Lt/Dom/m-<br>1180/15 dtd<br>20/05/2015  | Laterite | BL 11<br>238/2 | Pallikkal    | Kondotty       | Malappuram | 10 Ares    | 20/5/2015 | 19/5/2016 | 75000  |
| 100 | Theyyambattil Musthafa<br>S/o Moideen Kutty<br>Theyyambattil House<br>Punnathala                   | 100/2015-<br>16/Lt/Dom/m-<br>1085/15 dtd<br>20/05/2015 | Laterite | 194/1          | Athavanad    | Tirur          | Malappuram | 20 Ares    | 20/5/2015 | 19/5/2016 | 150000 |

|     |   |  |          |         |               |              |            |         |           |           |       |
|-----|---|--|----------|---------|---------------|--------------|------------|---------|-----------|-----------|-------|
| 101 | Majeed<br>S/o Kunhu Muhammed<br>Kambran House<br>Kuttoor North P.o      | 101/2015-<br>16/Lt/Dom/m-<br>1145/15 dtd<br>20/05/2015 | Laterite | 45      | Kannamangalam | Thirurangadi | Malappuram | 10 Ares | 20/5/2015 | 19/5/2016 | 75000 |
| 102 | C K Assanar<br>S/o Kunhimammed Haji<br>Chevidikkunna House<br>Pandikkad | 102/2015-<br>16/Lt/Dom/m-<br>983/15 dtd<br>20/05/2015  | Laterite | 379/1   | Vettikkattiri | Eranad       | Malappuram | 10 Ares | 20/5/2015 | 19/5/2016 | 75000 |
| 103 | Abdul Hameed P<br>S/o Alavi<br>Puthalath House<br>Olakara P.O           | 103/2015-<br>16/Lt/Dom/m-<br>1178/15 dtd<br>20/05/2015 | Laterite | 152/1   | Kannamangalam | Thirurangadi | Malappuram | 10 Ares | 20/5/2015 | 19/5/2016 | 75000 |
| 104 | Paleri Sajid<br>S/o Kunhu Muhammed<br>Paleri House<br>Oorakam Melmuri   | 104/2015-<br>16/Lt/Dom/m-<br>1260/15 dtd<br>20/05/2015 | Laterite | 387/1A  | Kannamangalam | Thirurangadi | Malappuram | 10 Ares | 20/5/2015 | 19/5/2016 | 75000 |
| 105 | Abdul Majeed<br>S/o Kunhalavi<br>Kambrath House<br>Kadampuzha           | 105/2015-<br>16/Lt/Dom/m-<br>1124/15 dtd<br>20/05/2015 | Laterite | 80/1A   | Melmuri       | Tirur        | Malappuram | 10 Ares | 20/5/2015 | 19/5/2016 | 75000 |
| 106 | Yahiya<br>Kaliyar Vattath House<br>Valiyakunnu Valancheri               | 106/2015-<br>16/Lt/Dom/m-<br>849/15 dtd<br>20/05/2015  | Laterite | 1       | Edayur        | Tirur        | Malappuram | 10 Ares | 20/5/2015 | 19/5/2016 | 75000 |
| 107 | K V Ishak<br>S/o Muhammed<br>Kanniyath Vellamkath House<br>Pulpatta     | 107/2015-<br>16/Lt/Dom/m-<br>1237/15 dtd<br>22/05/2015 | Laterite | 517/1/4 | Oorangattiri  | Eranad       | Malappuram | 10 Ares | 22/5/2015 | 21/5/2016 | 75000 |
| 108 | Abdul Gafoor P t<br>S/o Asees<br>Peerakkathodi House<br>Perassannur     | 108/2015-<br>16/Lt/Dom/m-<br>1001/15 dtd<br>22/05/2015 | Laterite | 534     | Kuttippuram   | Tirur        | Malappuram | 10 Ares | 22/5/2015 | 21/5/2016 | 75000 |
| 109 | Habeeb Rahman<br>S/o Aliamu<br>Kundipparuthi House<br>Perassannur       | 109/2015-<br>16/Lt/Dom/m-<br>1000/15 dtd<br>22/05/2015 | Laterite | 533/1   | Kuttippuram   | Tirur        | Malappuram | 10 Ares | 22/5/2015 | 21/5/2016 | 75000 |
| 110 | E .Siddique<br>S/o Chekkutti<br>Eleyedath House<br>Vettam, Pallippuram  | 110/2015-<br>16/Lt/Dom/m-<br>996/15 dtd<br>22/05/2015  | Laterite | 533/1   | Kuttippuram   | Tirur        | Malappuram | 10 Ares | 22/5/2015 | 21/5/2016 | 75000 |

|     |   |  |          |                |               |              |            |           |           |           |       |
|-----|---|--|----------|----------------|---------------|--------------|------------|-----------|-----------|-----------|-------|
| 111 | Mammu M<br>S/o Kunhimammed<br>Machincheri House<br>Edayur North P.O                     | 111/2015-<br>16/Lt/Dom/m-<br>1205/15 dtd<br>22/05/2015 | Laterite | 237/1          | Edayur        | Tirur        | Malappuram | 10 Ares   | 22/5/2015 | 21/5/2016 | 75000 |
| 112 | E. Ahammed<br>S/o Saithalavi<br>Edathatt House<br>Pallikkal                             | 112/2015-<br>16/Lt/Dom/m-<br>2215/15 dtd<br>22/05/2015 | Laterite | 208            | Kannamangalam | Thirurangadi | Malappuram | 10 Ares   | 22/5/2015 | 21/5/2016 | 75000 |
| 113 | Shoukthali<br>S/o Hyder<br>Kalleppuram House<br>Pallikkal                               | 113/2015-<br>16/Lt/Dom/m-<br>1254/15 dtd<br>22/05/2015 | Laterite | 208            | Kannamangalam | Thirurangadi | Malappuram | 10 Ares   | 22/5/2015 | 21/5/2016 | 75000 |
| 114 | Khaleefa<br>S/o Alavi kutty<br>Paravakkal House<br>Oorakam Memluri                      | 114/2015-<br>16/Lt/Dom/m-<br>1018/15 dtd<br>22/05/2015 | Laterite | 1147 Q 18      | Melmuri       | Eranad       | Malappuram | 10 Ares   | 22/5/2015 | 21/5/2016 | 75000 |
| 115 | Muhammed Akbar P P<br>S/o Muhammed Haji<br>Parappurath House<br>Omachapuzha             | 115/2015-<br>16/Lt/Dom/m-<br>1255/15 dtd<br>22/05/2015 | Laterite | 50/2           | Ozhur         | Tirur        | Malappuram | 9 Ares    | 22/5/2015 | 21/5/2016 | 75000 |
| 116 | Ajayakumar K V<br>Kaippuda Malayil House<br>Parambil Peedika                            | 116/2015-<br>16/Lt/Dom/m-<br>1254/15 dtd<br>22/05/2015 | Laterite | 229/1          | Pallikkal     | Tirur        | Malappuram | 10 Ares   | 22/5/2015 | 21/5/2016 | 75000 |
| 117 | Muhammed Asharf K P<br>S/o Moideen Koya<br>Kalianathop paramb House<br>Puthur Pallikkal | 117/2015-<br>16/Lt/Dom/m-<br>1282/15 dtd<br>22/05/2015 | Laterite | 199/1A         | Kannamangalam | Thirurangadi | Malappuram | 10 Ares   | 22/5/2015 | 21/5/2016 | 75000 |
| 118 | P Moideen Koya<br>S/o Ali<br>Paloth House<br>P.O Pallikkal                              | 118/2015-<br>16/Lt/Dom/m-<br>/15 dtd 22/05/2015        | Laterite | 101            | Peruvallur    | Thirurangadi | Malappuram | 8.09 Ares | 22/5/2015 | 21/5/2016 | 75000 |
| 119 | Sudheesh P<br>S/o Sathyapalan<br>Panathil House<br>Cheroor                              | 119/2015-<br>16/Lt/Dom/m-<br>1294/15 dtd<br>25/05/2015 | Laterite | 380/1          | Kannamangalam | Thirurangadi | Malappuram | 5 Ares    | 25/5/2015 | 24/5/2016 | 75000 |
| 120 | Siddique P T<br>Panathodi House<br>Valamcheri   | 120/2015-<br>16/Lt/Dom/m-<br>325/15 dtd<br>25/05/2015  | Laterite | 1              | Irimbiliyam   | Tirur        | Malappuram | 10 Ares   | 25/5/2015 | 24/5/2016 | 75000 |
| 121 | K M Mammad Kutty<br>S/o Hassan Kutti<br>Kuttikavil House<br>Valiyaparamb                | 121/2015-<br>16/Lt/Dom/m-<br>1236/15 dtd<br>25/05/2015 | Laterite | 141/5 BI No. 9 | Pulikkal      | Kondotty     | Malappuram | 10 Ares   | 25/5/2015 | 24/5/2016 | 75000 |



|     |  |   |          |                    |               |              |            |            |           |           |        |
|-----|--|---|----------|--------------------|---------------|--------------|------------|------------|-----------|-----------|--------|
| 122 | Sharafudeen<br>S/o Muhammed<br>Kazhakkunnummal House<br>Pullancheri, Manjeri | 122/2015-<br>16/Lt/Dom/m-<br>1295/15 dtd<br>25/05/2015    | Laterite | 112/1<br>BI No. 51 | Manjeri       | Eranad       | Malappuram | 10 Ares    | 25/5/2015 | 24/5/2016 | 75000  |
| 123 | Yoosafali N P<br>S/o Alavi Kutti<br>Nharappulan House<br>Oorakam Kizhmuri    | 123/2015-<br>16/Lt/Dom/m-<br>1312/15 dtd<br>25/05/2015    | Laterite | 44/1 BI No. 38     | Ooragam       | Thirurangadi | Malappuram | 10 Ares    | 25/5/2015 | 24/5/2016 | 75000  |
| 124 | Muhammed Asharaf K<br>S/o Abdulla<br>Kunnath House<br>Malayamma P.O          | 124/2015-<br>16/Lt/Dom/m-<br>1089/15 dtd<br>25/05/2015    | Laterite | 556/ BI No. 31     | Areacode      | Eranad       | Malappuram | 10 Ares    | 25/5/2015 | 24/5/2016 | 75000  |
| 125 | P Abdul Kareem<br>S/o Rayin Kutty<br>Ambala Kulambad<br>Puthur Pallikkal     | 125/2015-<br>16/Lt/Dom/m-<br>1320/15 dtd<br>25/05/2015    | Laterite | 181                | Kannamangalam | Thirurangadi | Malappuram | 15.78 Ares | 25/5/2015 | 24/5/2016 | 75000  |
| 126 | Abdul Rasak<br>S/o Alavi Kutti<br>Pananiath House<br>Thrikkalangode          | 126/2015-<br>16/Lt/Dom/m-<br>1211/15 dtd<br>25/05/2015    | Laterite | 274/10             | Elankur       | Eranad       | Malappuram | 10 Ares    | 25/5/2015 | 24/5/2016 | 75000  |
| 127 | M Hameed<br>S/o Moideen Kutti<br>Melethil House Valiyakunnu                  | 127/2015-<br>16/Lt/Dom/m-<br>1332/15 dtd<br>27/05/2015    | Laterite | 150/2              | Kattipparuthi | Tirur        | Malappuram | 10 Ares    | 27/5/2015 | 26/5/2016 | 75000  |
| 128 | P P Ibrahim<br>S/o Hamsa Puliyampatta<br>House<br>Valancheri                 | 128/2015-<br>16/Lt/Dom/m-<br>1190/15 dtd<br>27/05/2015    | Laterite | 380/1c             | Kuttippuram   | Tirur        | Malappuram | 10 Ares    | 27/5/2015 | 26/5/2016 | 75000  |
| 129 | Saithalavi<br>S/o Hassainar<br>Pariyath House<br>Kottakkal Kuttippuram       | 129/2015-<br>16/Lt/Dom/m-<br>1237(A)/15 dtd<br>27/05/2015 | Laterite | 492/4 BI No. 39    | Kottakkal     | Tirur        | Malappuram | 10 Ares    | 27/5/2015 | 26/5/2016 | 150000 |
| 130 | A Ayyappan<br>Sreesailam<br>Kummunipparamn                                   | 130/2015-<br>16/Lt/Dom/m-<br>1359/15 dtd<br>27/05/2015    | Laterite | 54/1               | Kannamangalam | Thirurangadi | Malappuram | 20 Ares    | 27/5/2015 | 26/5/2016 | 150000 |
| 131 | E K Abdu<br>S/o Muhammed Iriya<br>Kalathil House<br>Pookkottur               | 131/2015-<br>16/Lt/Dom/m-<br>1193/15 dtd<br>27/05/2015    | Laterite | Q 18 1177          | Melmuri       | Eranad       | Malappuram | 10 Ares    | 27/5/2015 | 26/5/2016 | 75000  |
| 132 | E K Abdu<br>S/o Muhammed Iriya<br>Kalathil House<br>Pookkottur               | 132/2015-<br>16/Lt/Dom/m-<br>1194/15 dtd<br>27/05/2015    | Laterite | Q 19 1551          | Melmuri       | Eranad       | Malappuram | 19 Ares    | 27/5/2015 | 26/5/2016 | 150000 |

|     |  |  |          |                 |               |                |            |          |            |            |       |
|-----|--|--|----------|-----------------|---------------|----------------|------------|----------|------------|------------|-------|
| 133 | Muhammed Shareef<br>Thekkancheri Parakkalathil<br>House Perumanna            | 133/2015-<br>16/Lt/Dom/m-<br>820/15 dtd<br>29/05/2015  | Laterite | 295             | Irimbiliyam   | Tirur          | Malappuram | 9.7 Ares | 29/5/2015  | 28/5/2016  | 75000 |
| 134 | Muhammed Rafeeqe<br>S/o Muhammed<br>Kooliyodan House<br>Mullampara           | 134/2015-<br>16/Lt/Dom/m-<br>1287/15 dtd<br>29/05/2015 | Laterite | 138/1, 139      | Koottilangadi | Perinthalmanna | Malappuram | 10 Ares  | 29/5/2015  | 28/5/2016  | 75000 |
| 135 | Sadiqe P N<br>S/o Yoosaf<br>Palembidiyan House<br>Koottilangadi              | 135/2015-<br>16/Lt/Dom/m-<br>1266/15 dtd<br>01/06/2015 | Laterite | 140/1           | Koottilangadi | Perinthalmanna | Malappuram | 10 Ares  | 06-01-2015 | 31/5/2016  | 75000 |
| 136 | M Hussain<br>S/o Muhammed<br>Madakkan House<br>Kottakkal                     | 136/2015-<br>16/Lt/Dom/m-<br>1336/15 dtd<br>01/06/2015 | Laterite | 332/15          | Kottakkal     | Tirur          | Malappuram | 10 Ares  | 06-01-2015 | 31/5/2016  | 75000 |
| 137 | Hamza<br>S/o Muhammed<br>Kuzhikkadan House<br>Pandallur P.o                  | 137/2015-<br>16/Lt/Dom/m-<br>1044/15 dtd<br>01/06/2015 | Laterite | 91/2            | Pandallur     | Eranad         | Malappuram | 10 Ares  | 06-01-2015 | 31/5/2016  | 75000 |
| 138 | Aboobacker<br>Mullappalli House<br>Pazhamallur P.O                           | 138/2015-<br>16/Lt/Dom/m-<br>925/15 dtd<br>01/06/2015  | Laterite | 76/2            | Kuruva        | Perinthalmanna | Malappuram | 5.7 Ares | 06-01-2015 | 31/5/2016  | 75000 |
| 139 | Abbas M T<br>S/o Hamza<br>Malleerithodi House Pang<br>South                  | 139/2015-<br>16/Lt/Dom/m-<br>1081/15 dtd<br>01/06/2015 | Laterite | 251/10          | Kuruva        | Perinthalmanna | Malappuram | 10 Ares  | 06-01-2015 | 31/5/2016  | 75000 |
| 140 | Mayin Kutti<br>S/o Rayin Kutti<br>Ambalukulambad House<br>Puthur Pallikkal   | 140/2015-<br>16/Lt/Dom/m-<br>1328/15 dtd<br>03/06/2015 | Laterite | 163/1           | Kuzhimanna    | Kondotty       | Malappuram | 10 Ares  | 06-03-2015 | 06-02-2016 | 75000 |
| 141 | K Mammad<br>S/o Veeravunni<br>Kolathumad<br>Puthur pallikkal                 | 141/2015-<br>16/Lt/Dom/m-<br>1233/15 dtd<br>03/06/2015 | Laterite | BI No. 10 316/1 | Pallikkal     | Kondotty       | Malappuram | 04 Ares  | 06-03-2015 | 06-02-2016 | 75000 |
| 142 | Abdurahiman K C<br>S/o Muhammed Kutti<br>Kaniyath Cholayil House<br>Pulikkal | 142/2015-<br>16/Lt/Dom/m-<br>1430/15 dtd<br>03/06/2015 | Laterite | BI No. 9<br>9/9 | Pulikkal      | Kondotty       | Malappuram | 10 Ares  | 06-03-2015 | 06-02-2016 | 75000 |

|     |   |   |          |                 |               |                |            |         |            |            |       |
|-----|---|---|----------|-----------------|---------------|----------------|------------|---------|------------|------------|-------|
| 143 | Anwar Sadiqe<br>Kuzhimabattilo House<br>Cheruvayur                | 143/2015-<br>16/Lt/Dom/m-<br>1369/15 dtd<br>03/06/2015    | Laterite | Bl No. 13 ,65/2 | Muthuvallur   | Kondotty       | Malappuram | 10 Ares | 06-03-2015 | 06-02-2016 | 75000 |
| 144 | Abdul Salam<br>S/o Usman<br>Karat House<br>Thachinganadam         | 144/2015-<br>16/Lt/Dom/m-<br>1273/15 dtd<br>03/06/2015    | Laterite | 44/3            | Nenmini       | Perinthalmanna | Malappuram | 10 Ares | 06-03-2015 | 06-02-2016 | 75000 |
| 145 | Aliyamu<br>S/o Kunhumoideen<br>Pullattil House Kadampuzha         | 145/2015-<br>16/Lt/Dom/m-<br>1140/15 dtd<br>03/06/2015    | Laterite | 79              | Melmuri       | Eranad         | Malappuram | 10 Ares | 06-03-2015 | 06-02-2016 | 75000 |
| 146 | Ismail K M<br>Kiliyamannil House<br>Pang South P.O                | 146/2015-<br>16/Lt/Dom/m-<br>1431(A)/15 dtd<br>03/06/2015 | Laterite | 118 66/2        | Pulamanhole   | Perinthalmanna | Malappuram | 10 Ares | 06-03-2015 | 06-02-2016 | 75000 |
| 147 | Sameeh K M<br>Kiliyamannil House<br>Pang South P.O                | 147/2015-<br>16/Lt/Dom/m-<br>1335(A)/15 dtd<br>03/06/2015 | Laterite | 251/17B         | Kuruva        | Perinthalmanna | Malappuram | 10 Ares | 06-03-2015 | 06-02-2016 | 75000 |
| 148 | K M Muhammadali<br>Kiliyamannil House<br>Pang South               | 148/2015-<br>16/Lt/Dom/m-<br>1301/15 dtd<br>03/06/2015    | Laterite | 251/17 B        | Kuruva        | Perinthalmanna | Malappuram | 10 Ares | 06-03-2015 | 06-02-2016 | 75000 |
| 149 | Ayoob T<br>S/o Avaran<br>Pattamarthodi House<br>Edayur P.O        | 149/2015-<br>16/Lt/Dom/m-<br>1396(A)/15 dtd<br>03/06/2015 | Laterite | 151             | Irimbiliyam   | Tirur          | Malappuram | 10 Ares | 06-03-2015 | 06-02-2016 | 75000 |
| 150 | Usman A K<br>S/o Moidu Haji<br>Ayilakkara House<br>Thachinganadam | 150/2015-<br>16/Lt/Dom/m-<br>1396/15 dtd<br>05/06/2015    | Laterite | 592/pt          | Payyanad      | Eranad         | Malappuram | 10 Ares | 06-05-2015 | 06-04-2016 | 75000 |
| 151 | C P Muhammed<br>Choorappilan House<br>Manjeri                     | 151/2015-<br>16/Lt/Dom/m-<br>1249/15 dtd<br>05/06/2015    | Laterite | 47/5            | Koottilangadi | Perinthalmanna | Malappuram | 10 Ares | 06-05-2015 | 06-04-2016 | 75000 |
| 152 | M P.Riyas<br>S/o Assainar<br>Madari Palliyalil House<br>Kadambode | 152/2015-<br>16/Lt/Dom/m-<br>1396/15 dtd<br>05/06/2015    | Laterite | 91/4            | Pandallur     | Eranad         | Malappuram | 10 Ares | 06-05-2015 | 06-04-2016 | 75000 |
| 153 | Sulaiman K<br>S/o Muhammed<br>Kadakkodan House<br>Thozhuvanoor    | 153/2015-<br>16/Lt/Dom/m-<br>1372/15 dtd<br>05/06/2015    | Laterite | 251/17B         | Kuruva        | Perinthalmanna | Malappuram | 10 Ares | 06-05-2015 | 06-04-2016 | 75000 |

|     |   |  |          |                    |               |              |            |         |            |            |       |
|-----|---|--|----------|--------------------|---------------|--------------|------------|---------|------------|------------|-------|
| 154 | Suneesh A<br>Athippambath House<br>Kumminippamb                       | 154/2015-<br>16/Lt/Dom/m-<br>1371/15 dtd<br>06/06/2015 | Laterite | 65/8               | Cherukavu     | Kondotty     | Malappuram | 10 Ares | 06-06-2015 | 06-05-2016 | 75000 |
| 155 | V P Siddique Haji<br>S/o Kunhimoyin<br>Valampambath House<br>Karulayi | 155/2015-<br>16/Lt/Dom/m-<br>1432/15 dtd<br>06/06/2015 | Laterite | 90/pt              | Pullippadam   | Nilamabur    | Malappuram | 10 Ares | 06-06-2015 | 06-05-2016 | 75000 |
| 156 | K P Saidalavi<br>S/o Ali<br>Vilakkathil House<br>Colony Road Kondotty | 156/2015-<br>16/Lt/Dom/m-<br>1142/15 dtd<br>06/06/2015 | Laterite | BI No.37 132/pt    | Ooragam       | Thirurangadi | Malappuram | 10 Ares | 06-06-2015 | 06-05-2016 | 75000 |
| 157 | Abdusamad Kari<br>S/o Muhammed<br>Kari House<br>Nediyiruppu           | 157/2015-<br>16/Lt/Dom/m-<br>1402/15 dtd<br>06/06/2015 | Laterite | 100/9              | Morayur       | Kondotty     | Malappuram | 10 Ares | 06-06-2015 | 06-05-2016 | 75000 |
| 158 | K Shajahan<br>S/o Muhammed<br>Kuttikkattil House<br>Chembakkuth       | 158/2015-<br>16/Lt/Dom/m-<br>1357/15 dtd<br>06/06/2015 | Laterite | BI No. 75<br>85/13 | Thiruvali     | Nilamabur    | Malappuram | 10 Ares | 06-06-2015 | 06-05-2016 | 75000 |
| 159 | M K Muhammadali<br>S/o Alavi Kutti<br>Thekkumpambil<br>Pambil Peedika | 159/2015-<br>16/Lt/Dom/m-<br>1179/15 dtd<br>06/06/2015 | Laterite | 70/2               | Thennala      | Thirurangadi | Malappuram | 10 Ares | 06-06-2015 | 06-05-2016 | 75000 |
| 160 | Ibrahim Kutti<br>Kalleth Karuvalappil House<br>Kadampuzha             | 160/2015-<br>16/Lt/Dom/m-<br>1262/15 dtd<br>06/06/2015 | Laterite | 17/1               | Kattipparuthi | Tirur        | Malappuram | 10 Ares | 06-06-2015 | 06-05-2016 | 75000 |
| 161 | Abdurasak<br>S/o Mayin Kutti<br>Kambrath House Ponmala                | 161/2015-<br>16/Lt/Dom/m-<br>1475/15 dtd<br>06/06/2015 | Laterite | Q 18 1174          | Melmuri       | Eranad       | Malappuram | 20 Ares | 06-06-2015 | 06-05-2016 | 75000 |
| 162 | Abu Thaahir P K<br>S/o Kunhali Kutti Ooragam ,<br>Melmuri             | 162/2015-<br>16/Lt/Dom/m-<br>1476/15 dtd<br>06/06/2015 | Laterite | Q 18 1174          | Melmuri       | Eranad       | Malappuram | 10 Ares | 06-06-2015 | 06-05-2016 | 75000 |
| 163 | O. Velayudhan<br>S/o Thami<br>Odengattil Vadakkumpuram                | 163/2015-<br>16/Lt/Dom/m-<br>1480/15 dtd<br>06/06/2015 | Laterite | 219/1              | Edayur        | Tirur        | Malappuram | 10 Ares | 06-06-2015 | 06-05-2016 | 75000 |
| 164 | K M Abdulla<br>S/o Veeran Moideen<br>Madathil House<br>Valiyapamb     | 164/2015-<br>16/Lt/Dom/m-<br>1458/15 dtd<br>22/06/2015 | Laterite | 193/1pt            | Muthuvallur   | Kondotty     | Malappuram | 10 Ares | 22/6/2015  | 21/6/2016  | 75000 |

|     |  |  |          |             |              |                |            |         |           |           |        |
|-----|--|--|----------|-------------|--------------|----------------|------------|---------|-----------|-----------|--------|
| 165 | Noushad<br>S/o Muhammed<br>Kanhirathingal Valiyaparamb   | 165/2015-<br>16/Lt/Dom/m-<br>1456/15 dtd<br>22/06/2015 | Laterite | 202/1       | Muthuvallur  | Kondotty       | Malappuram | 10 Ares | 22/6/2015 | 21/6/2016 | 75000  |
| 166 | Siraj K<br>S/o Muhammed<br>Kalathingal House<br>Vallikkapatta  | 166/2015-<br>16/Lt/Dom/m-<br>1418/15 dtd<br>22/06/2015 | Laterite | 8/1B        | Mankada      | Perinthalmanna | Malappuram | 20 Ares | 22/6/2015 | 21/6/2016 | 75000  |
| 167 | Pareekutti Haji M K<br>Mannengal Kannamthodi<br>House Pulamanthole                                     | 167/2015-<br>16/Lt/Dom/m-<br>1238/15 dtd<br>22/06/2015 | Laterite | 63/5        | Pulamanthole | Perinthalmanna | Malappuram | 10 Ares | 22/6/2015 | 21/6/2016 | 75000  |
| 168 | Abdul Kareem<br>S/o Kunhimammed<br>Chalattil Kalladithodi Melmuri                                      | 168/2015-<br>16/Lt/Dom/m-<br>1370/15 dtd<br>22/06/2015 | Laterite | 1141/pt     | Melmuri      | Eranad         | Malappuram | 10 Ares | 22/6/2015 | 21/6/2016 | 75000  |
| 169 | Dasan.K.P.S/o Chekkutty,<br>Cholayil House,<br>Areacode.P.O.   | 169/2015-<br>16/Lt/Dom/m-<br>926/15 dtd<br>29/06/2015  | Laterite | Bl.21, 50/4 | Keezhuparamb | Eranad         | Malappuram | 10 Ares | 29/6/2015 | 28/6/2016 | 75000  |
| 170 | Abdul Jaleel.V.T., S/o<br>Muhammed,<br>Vadakkethodika, Pulpatta.                                       | 170/2015-<br>16/Lt/Dom/m-<br>1568/15 dtd<br>30/06/2015 | Laterite | 310/2       | Pulpatta     | Eranad         | Malappuram | 10 Ares | 30/6/2015 | 29/6/2016 | 75000  |
| 171 | Muhammed Shafi.M.S/o<br>Ahammed Kutty, Puthiya<br>veettil House, Kadambod.                             | 171/2015-<br>16/Lt/Dom/m-1292<br>/15 dtd 30/06/2015    | Laterite | 24/1        | Pandallur    | Eranad         | Malappuram | 10 Ares | 30/6/2015 | 29/6/2016 | 75000  |
| 172 | Shihabuddin, S/o Hamza,<br>Mannamkada House ,<br>Nellikuth;  | 172/2015-<br>16/Lt/Dom/m-1527<br>/15 dtd 30/06/2015    | Laterite | 152/4       | Payyanad     | Eranad         | Malappuram | 10 Ares | 30/6/2015 | 29/6/2016 | 75000  |
| 173 | V.P.Abdurahiman, S/o<br>Marakkar, Valiyapeediyekkal<br>House,Chattiparamb                              | 173/2015-<br>16/Lt/Dom/m-1471<br>/15 dtd 01/07/2015    | Laterite | 9/7         | Ponmala      | Tirur          | Malappuram | 10 Ares | 01/07/015 | 30/6/2016 | 75000  |
| 174 | P.T.Anilkumar,<br>Parammalthodi House,<br>Vadakkunpuram  | 174/2015-<br>16/Lt/Dom/m-1299<br>/15 dtd 01/07/2015    | Laterite | 219/1       | Edayur       | Tirur          | Malappuram | 20 Ares | 01/07/015 | 30/6/2016 | 150000 |
| 175 | P.Muneer S/o Mammad,<br>Valancheri kunnath,House,<br>Thrippanachi,<br>Palakkad.P.O.Malappuram<br>Dist. | 175/15-<br>16/Lt/Dom/m-1311<br>/15 dtd 01/07/2015      | Laterite | 100/4       | Panthallur   | Eranad         | Malappuram | 10 Ares | 01/07/015 | 30/6/2016 | 75000  |

|     |   |  |          |            |              |                |            |                     |           |            |       |
|-----|---|--|----------|------------|--------------|----------------|------------|---------------------|-----------|------------|-------|
| 176 | P.Anwar S/o Muhammed, Noorengal House, Melmuri.                     | 176/15-16/Lt/Dom/m-1526 /15 dtd 01/07/2015 | Laterite | Q.18-1176  | Melmuri      | Eranad         | Malappuram | 10 Ares             | 01/07/015 | 30/6/2016  | 75000 |
| 177 | Kunhayamu.K.S/o Moideenkutty, Karengal House, Edayur.               | 177/15-16/Lt/Dom/m-1368 /15 dtd 01/07/2015 | Laterite | 219/2A     | Edayur       | Tirur          | Malappuram | 20 cent (8.09 Ares) | 01/07/015 | 30/6/2016  | 75000 |
| 178 | Paramewsaran S/o Krishnan Nair, Palliyalil House, Vadakkumbram.P.O. | 178/15-16/Lt/Dom/m-1147 /15 dtd 01/07/2015 | Laterite | 418/1      | Edayur       | Tirur          | Malappuram | 10 Ares             | 01/07/015 | 30/6/2016  | 75000 |
| 179 | Sakeer Hussain S/o Veerankutti, Kappungal House, Keezhattoor.       | 179/15-16/Lt/Dom/m-1300 /15 dtd 01/07/2015 | Laterite | 51/2       | Nenmini      | Perinthalmanna | Malappuram | 10 Ares             | 01/07/015 | 30/6/2016  | 75000 |
| 180 | V.T.Akbar S/o Muhammed, Valiyathoei House, Poonthanam.P.O.          | 180/15-16/Lt/Dom/m-1455 /15 dtd 01/07/2015 | Laterite | 13/8       | Valambur     | Perinthalmanna | Malappuram | 10 Ares             | 01/07/015 | 30/6/2016  | 75000 |
| 181 | Moideenkutti S/o Muhammed, Karikkuzhi House, Valiyaparamb.          | 181/15-16/Lt/Dom/m-1462 /15 dtd 03/07/2015 | Laterite | 144/6      | Pulikkal     | Kondotty       | Malappuram | 10 Ares             | 03/07/015 | 07-02-2016 | 75000 |
| 182 | T.C.Aboobacker, S/o Unnikoya, Chembra House, P.O.Pulikkal.          | 182/15-16/Lt/Dom/m-1713 /15 dtd 03/07/2015 | Laterite | Bl.6- 265  | Vazhayoor    | Kondotty       | Malappuram | 10 Ares             | 03/07/015 | 07-02-2016 | 75000 |
| 183 | Muhammed Rafi, S/o Mammad, Melepeediyekkal House, Vadakkumbtam .    | 183/15-16/Lt/Dom/m-1210/15 dtd 03/07/2015  | Laterite | 219/1      | Edayur       | Tirur          | Malappuram | 10 Ares             | 03/07/015 | 07-02-2016 | 75000 |
| 184 | Ahammed Villan S/o Abdulla Haji, Villan House, Chappanangadi        | 184/15-16/Lt/Dom/m-1339/15 dtd 03/07/2015  | Laterite | 108/1B, 1A | Kodur        | Perinthalmanna | Malappuram | 10 Ares             | 03/07/015 | 07-02-2016 | 75000 |
| 185 | Shamsul Haque S/o Moosa, Kuzhukkattil, Valakulam.P.O.               | 185/15-16/Lt/Dom/m-1600/15 dtd 03/07/2015  | Laterite | 61/2 A     | Keezhattoor  | Perinthalmanna | Malappuram | 10 Ares             | 03/07/015 | 07-02-2016 | 75000 |
| 186 | Muhammed Haris, S/o Said Muhammed, V.M.R.House, Perinthalmanna.     | 186/15-16/Lt/Dom/m-999/15 dtd 03/07/2015   | Laterite | 66/1       | Pulamanthole | Perinthalmanna | Malappuram | 10 Ares             | 03/07/015 | 07-02-2016 | 75000 |

|     |  |   |          |             |              |                |            |                    |            |            |        |
|-----|--|---|----------|-------------|--------------|----------------|------------|--------------------|------------|------------|--------|
| 187 | Sooraj Babu, S/o Muhammed Kunhippa, Pothukattil House, Pariyapuram.  | 187/15-16/Lt/Dom/m-1045/15 dtd 03/07/2015 | Laterite | 75/         | Pulamanthole | Perinthalmanna | Malappuram | 10 Ares            | 03/07/015  | 07-02-2016 | 75000  |
| 188 | C.T.Nazar, S/O Abdulla, Chunangattuthodi.                            | 188/15-16/Lt/Dom/m-1192/15 dtd 03/07/2015 | Laterite | 5/7         | Kuruvambalam | Perinthalmanna | Malappuram | 10 Ares            | 03/07/015  | 07-02-2016 | 75000  |
| 189 | Kunhimoideenkutty S/o Muhammed, Ulleerithodi House, Karekkad.        | 189/15-16/Lt/Dom/m-1459/15 dtd 06/07/2015 | Laterite | 73          | Edayur       | Tirur          | Malappuram | 6.5 Ares (16 Cemt) | 07-06-2015 | 07-05-2016 | 75000  |
| 190 | Kunheethu S/o Pareedutti, Konnakattil, Vadakkumbram.                 | 190/15-16/Lt/Dom/m-1291/15 dtd 06/07/2015 | Laterite | 73          | Edayur       | Tirur          | Malappuram | 10 Ares            | 07-06-2015 | 07-05-2016 | 75000  |
| 191 | Abdul Rasheed S/o Kunhi Muhammed, Parakkadavath, Kottakkal.          | 191/15-16/Lt/Dom/m-1206/15 dtd 06/07/2015 | Laterite | 389/1       | Kottakkal    | Tirur          | Malappuram | 20 Ares            | 07-06-2015 | 07-05-2016 | 150000 |
| 192 | K.P.Muhammed Kutti S/o Alavi, Mundath House, Anthiyoorkunnu.         | 192/15-16/Lt/Dom/M-1547/15 dtd 06/07/2015 | Laterite | Q18-1158    | Melmuri      | Eranad         | Malappuram | 10 Ares            | 07-06-2015 | 07-05-2016 | 75000  |
| 193 | U.T.Muhammed Kutti Ulleerithodi House, Karekkad.P.O.                 | 193/15-16/Lt/Dom/M-1003/15 dtd 06/07/2015 | Laterite | 73          | Edayur       | Tirur          | Malappuram | 10 Ares            | 07-06-2015 | 07-05-2016 | 75000  |
| 194 | Rafeeq.P.K.S/o Kammu, Perinkalleri House, Karippur.P.O.              | 194/15-16/Lt/Dom/M-1662/15 dtd 08/07/2015 | Laterite | Bl.11-240/2 | Pallikkal    | Kondotty       | Malappuram | 10 Ares            | 07-08-2015 | 07-07-2016 | 75000  |
| 195 | K.Kunhimoideen S/o Komu, Kandamkari House, Puthoor Pallikkal.        | 195/15-16/Lt/Dom/M-1457/15 dtd 08/07/2015 | Laterite | 202/1 pt    | Muthuvallur  | Kondotty       | Malappuram | 10 Ares            | 07-08-2015 | 07-07-2016 | 75000  |
| 196 | MuhammedKutti S/o Kunhimoideenkutti Mulanhipulakkal House, Indianoor | 196/15-16/Lt/Dom/M-1082/15 dtd 08/07/2015 | Laterite | 323 (Bl.40) | Kottakkal    | Tirur          | Malappuram | 10 Ares            | 07-08-2015 | 07-07-2016 | 75000  |
| 197 | M.Kunhunneen S/o Alavikutti, Mulanhipulakkal House, Indianoor.       | 197/15-16/Lt/Dom/M-1257/15 dtd 08/07/2015 | Laterite | 325/7       | Kottakkal    | Tirur          | Malappuram | 10 Ares            | 07-08-2015 | 07-07-2016 | 75000  |



|     |   |   |          |                |            |                |            |         |            |            |       |
|-----|---|---|----------|----------------|------------|----------------|------------|---------|------------|------------|-------|
| 198 | KoyappuKottaran S/o Kunhi Muhammed, Kottaran House, Indianoor.                | 198/15-16/Lt/Dom/M-1256/15 dtd 08/07/2015 | Laterite | 320/           | Kottakkal  | Tirur          | Malappuram | 10 Ares | 07-08-2015 | 07-07-2016 | 75000 |
| 199 | Yousafali.T.S/o Muhammed, Tharayil House, Pazhamallur.                        | 199/15-16/Lt/Dom/M-1204/15 dtd 08/07/2015 | Laterite | 291/2          | Moorkanad  | Perinthalmanna | Malappuram | 10 Ares | 07-08-2015 | 07-07-2016 | 75000 |
| 200 | P.Abdulla S/o Muhammed, Pulparambil House, Cheruvayoor.                       | 200/15-16/Lt/Dom/M-1566/15 dtd 10/07/2015 | Laterite | 272            | Vazhakkad  | Kondotty       | Malappuram | 10 Ares | 07-10-2015 | 07-09-2016 | 75000 |
| 201 | K.T.Abdul Salam S/o Ahammed Kutty, Kolathodi House, Olavattur.P.O.            | 201/15-16/Lt/Dom/M-1570/15 dtd 10/07/2015 | Laterite | B.-19- 230/1/2 | Vazhakkad  | Kondotty       | Malappuram | 10 Ares | 07-10-2015 | 07-09-2016 | 75000 |
| 202 | Muhammed Iqbal S/o Abdurahiman Kutti, Manakka Padikkal House, Thrikkanapuram. | 202/15-16/Lt/Dom/M-1133/15 dtd 10/07/2015 | Laterite | 414/1 B        | Thavanur   | Ponnani        | Malappuram | 10 Ares | 07-10-2015 | 07-09-2016 | 75000 |
| 203 | Veerankutty Haji, S/o Moosa kutti Haji, Veettikkalthodi Hose, Puliyakkod.     | 203/15-16/Lt/Dom/M-1274/15 dtd 10/07/2015 | Laterite | Bl.33- 344/9   | Kuzhimanna | Kondotty       | Malappuram | 10 Ares | 07-10-2015 | 07-09-2016 | 75000 |
| 204 | T.P.Hassan S/o Muhammed Kutti, Thazhathe Peediyekkal House, Kadampuzha.       | 204/15-16/Lt/Dom/M-1055/15 dtd 10/07/2015 | Laterite | 181/           | Melmuri    | Tirur          | Malappuram | 10 Ares | 07-10-2015 | 07-09-2016 | 75000 |
| 205 | Rasheed S/o Pokku, Parangodath House, Valavannur.                             | 205/15-16/Lt/Dom/M-1406/15 dtd 10/07/2015 | Laterite | 418/1          | Edayur     | Tirur          | Malappuram | 10 Ares | 07-10-2015 | 07-09-2016 | 75000 |
| 206 | Unni.K.S/o Kunhikkari, Kanukulath Madu, Peruvallur.                           | 206/15-16/Lt/Dom/M-1668/15 dtd 10/07/2015 | Laterite | 141/1(BI.9)    | Peruvallur | Thirurangadi   | Malappuram | 10 Ares | 07-10-2015 | 07-09-2016 | 75000 |
| 207 | Shaju.P.S/o Ayyappunni, Punathil House, Kadakad.                              | 207/15-16/Lt/Dom/M-1664/15 dtd 10/07/2015 | Laterite | 141/1(BI.9)    | Peruvallur | Thirurangadi   | Malappuram | 10 Ares | 07-10-2015 | 07-09-2016 | 75000 |
| 208 | Girish Babu, S/o Damodaran Nair, Kallingalthodi, Ooragam Melmuri.             | 208/15-16/Lt/Dom/M-1718/15 dtd 13/07/2015 | Laterite | 142/5          | Pookkottur | Eranad         | Malappuram | 10 Ares | 13/7/2015  | 07-12-2016 | 75000 |

|     |   |   |          |               |               |                |            |          |           |            |        |
|-----|---|---|----------|---------------|---------------|----------------|------------|----------|-----------|------------|--------|
| 209 | Moidu.M.S/o Kinhithu Molla, Manikkamthodi House, Kunakavu.P.O.              | 209/15-16/Lt/Dom/M-1306/15 dtd 13/07/2015 | Laterite | 17            | Elamkulam     | Perinthalmanna | Malappuram | 10 Ares  | 13/7/2015 | 07-12-2016 | 75000  |
| 210 | N.C.Rajesh, S/ Velayudhan Kutti, Ayodhya House, Puthoor Pallikkal           | 210/15-16/Lt/Dom/M-1283/15 dtd 13/07/2015 | Laterite | Bl.11/ 26/2-2 | Pallikkal     | Kondotty       | Malappuram | 10 Ares  | 13/7/2015 | 07-12-2016 | 75000  |
| 211 | Muhammed Rafeeq S/o Abdul Khader, Pulloor Valappil House, Kappur, Palaghat. | 211/15-16/Lt/Dom/M-1529/15 dtd 13/07/2015 | Laterite | 260/4         | Alankod       | Ponnani        | Malappuram | 6 Cent   | 13/7/2015 | 07-12-2016 | 75000  |
| 212 | Smt.Saifunneesa, Karumannil House, Iringallur, Vengara.                     | 212/15-16/Lt/Dom/M-1582/15 dtd 15/07/2015 | Laterite | 414/13        | Ponmala       | Tirur          | Malappuram | 10 Ares  | 15/7/2015 | 14/7/2016  | 75000  |
| 213 | Usman Kutti S/o Alavikutti Thanikkal House, Kadampuzha.                     | 213/15-16/Lt/Dom/M-1562/15 dtd 15/07/2015 | Laterite | 102/3         | Kuruva        | Perinthalmanna | Malappuram | 10 Ares  | 15/7/2015 | 14/7/2016  | 75000  |
| 214 | Abdusamad S/o Komu Hajai, Panakkath House, Kannamangalam.P.O.               | 214/15-16/Lt/Dom/M-1717/15 dtd 15/07/2015 | Laterite | 154/2 A       | Kannamangalam | Thirurangadi   | Malappuram | 10 Ares  | 15/7/2015 | 14/7/2016  | 75000  |
| 215 | Azeez.M.S/o Moidu, Manhalingal House, Vazhenkada.                           | 215/15-16/Lt/Dom/M-1460/15 dtd 20/07/2015 | Laterite | 379/1         | Aliparamb     | Perinthalmanna | Malappuram | 10 Ares  | 20/7/2015 | 19/7/2016  | 75000  |
| 216 | Azeez.M.S/o Moidu, Manhalingal House, Vazhenkada.                           | 216/15-16/Lt/Dom/M-1461/15 dtd 20/07/2015 | Laterite | 379/1         | Aliparamb     | Perinthalmanna | Malappuram | 10 Ares  | 20/7/2015 | 19/7/2016  | 75000  |
| 217 | Aabdul Salam, S/o Hudrose, Keyath House, Pookkottur.                        | 217/15-16/Lt/Dom/M-1657/15 dtd 20/07/2015 | Laterite | 122-          | Kodur         | Perinthalmanna | Malappuram | 10 Ares  | 20/7/2015 | 19/7/2016  | 75000  |
| 218 | P.Musthafa S/o Ayamu Haji, Pallikkara House, Chengottur.                    | 218/15-16/Lt/Dom/M-932/15 dtd 20/07/2015  | Laterite | 383/1A1       | Kuruva        | Perinthalmanna | Malappuram | 20 Ares  | 20/7/2015 | 19/7/2016  | 150000 |
| 219 | Hussain S/o Muhammed Haji, Mulanhippulan House, Indiannoor                  | 219/15-16/Lt/Dom/M-1415/15 dtd 20/07/2015 | Laterite | 325/7         | Kottakkal     | Tirur          | Malappuram | 9.3 Ares | 20/7/2015 | 19/7/2016  | 75000  |

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|-----|---|---|----------|---------------|---------------|----------------|------------|------------|------------|------------|-------|
| 220 | E.K.Aboobacker S/o Abdurahiman, Eanthenkuzhiyan House, Pulpatta.P.O.        | 220/15-16/Lt/Dom/M-1714/15 dtd 24/08/2015 | Laterite | 54/1          | Vadakkangara  | Perinthalmanna | Malappuram | 10 Ares    | 24/8/2015  | 23/8/2016  | 75000 |
| 221 | Muhammed Musthafa S/o Abdul Khader, Mallekkattu Purayil House, Aikkarapadi. | 221/15-16/Lt/Dom/M-1739/15 dtd 24/08/2015 | Laterite | 331/5 (Bl.16) | Cheekode      | Kondotty       | Malappuram | 10 Ares    | 24/8/2015  | 23/8/2016  | 75000 |
| 222 | P.C.Abdurahiman, Kalpakavadi House, Valavannur.                             | 222/15-16/Lt/Dom/M-1790/15 dtd 24/08/2015 | Laterite | 108/1         | Cheriyamundam | Tirur          | Malappuram | 10 Ares    | 24/8/2015  | 23/8/2016  | 75000 |
| 223 | Mujeeb.P.P.S/o Muhammed Haji, Pallattil House, Nellikuth.                   | 223/15-16/Lt/Dom/M-1551/15 dtd 25/08/2015 | Laterite | 8/1 A         | Mankada       | Perinthalmanna | Malappuram | 10 Ares    | 25/8/2015  | 24/8/2016  | 75000 |
| 224 | Shaji.A.K.S/o Kunhappu, Adhikarimanammal Kuriyedath House, P.O.Vallikunnu.  | 224/15-16/Lt/Dom/M-1861/15 dtd 26/08/2015 | Laterite | 41/2          | Peruvallur    | Thirurangadi   | Malappuram | 6 Ares     | 26/8/2015  | 25/8/2016  | 75000 |
| 225 | M.P.Suhair S/oAhammedkutty, Palliyalil House, P.O.Puthoor Pallikka.         | 225/15-16/Lt/Dom/M-1817/15 dtd 26/08/2015 | Laterite | 207/1         | Pallikkal     | Kondotty       | Malappuram | 10 Ares    | 26/8/2015  | 25/8/2016  | 75000 |
| 226 | Ishak.P., S/o Kunhimammed, Pattungal House, Pandallur.                      | 226/15-16/Lt/Dom/M-1636/15 dtd 01/09/2015 | Laterite | 84/5          | Pandallur     | Ernad          | Malappuram | 08.71 Ares | 09-01-2015 | 30/8/2016  | 75000 |
| 227 | Muhammed Nechiyan S/o Veeran, Nechiyan House, Olavattoor.P.O.               | 227/15-16/Lt/Dom/M-1355/15 dtd 01/09/2015 | Laterite | 215           | Panakkad      | Ernad          | Malappuram | 9.71 Ares  | 09-01-2015 | 30/8/2016  | 75000 |
| 228 | shafeeq Thayyil ,s/o Alavi, thayyil house ,pazhamallur po                   | 228/15-16/Lt/Dom/M-1374/15 dtd 04/09/2015 | Laterite | 41/2,4        | Kuruva        | Perinthalmanna | Malappuram | 10 Ares    | 04-09-2015 | 03-09-2016 | 75000 |
| 229 | K.P Sreedaran, sree Nilayam ,pallikkal po                                   | 229/15-16/Lt/Dom/M-1558/15 dtd 04/09/2015 | Laterite | 280/6         | Cheekode      | Kondotty       | Malappuram | 24 Cents   | 04-09-2015 | 03-09-2016 | 75000 |
| 230 | Mujeebrahman ,vadakkepeediyekkal house ,vadakkumbram po                     | 230/15-16/Lt/Dom/M-1302/15 dtd 04/09/2015 | Laterite | 362/4         | Melmuri       | Tirur          | Malappuram | 10 Ares    | 04-09-2015 | 03-09-2016 | 75000 |

|     |  |   |          |           |              |                |            |          |            |            |        |
|-----|--|---|----------|-----------|--------------|----------------|------------|----------|------------|------------|--------|
| 231 | Mp ,Haneefa ,s/o Muhammed, meleppediyekkal house ,vadakkumbram po.       | 231/15-16/Lt/Dom/M-1584/15 dtd 04/09/2015 | Laterite | 218/1     | Edayur       | Tirur          | Malappuram | 10 Ares  | 09-04-2015 | 09-03-2016 | 75000  |
| 232 | saifunnesa ,karukamannil house, Iringaloor po                            | 232/15-16/Lt/Dom/M-1564/15 dtd 04/09/2015 | Laterite | 390/1     | Kottakkal    | Tirur          | Malappuram | 10 Ares  | 09-04-2015 | 09-03-2016 | 75000  |
| 233 | muhammed Iqbal S/o moidheenkutty, Eranjithodi house, Mankada po          | 233/15-16/Lt/Dom/M-1007/15 dtd 04/09/2015 | Laterite | 61/2      | Mankada      | Perinthalmanna | Malappuram | 10 Ares  | 09-04-2015 | 09-03-2016 | 75000  |
| 234 | Afsal N. s/o Usman ,Neermunda house, Meppadam                            | 234/15-16/Lt/Dom/M-1845/15 dtd 04/09/2015 | Laterite | 87/1      | Thiruvalli   | Nilamabur      | Malappuram | 10 Ares  | 09-04-2015 | 09-03-2016 | 75000  |
| 235 | Alavikutti .p s/o kunhipokker, palliyil house,pang po                    | 235/15-16/Lt/Dom/M-1766/15 dtd 07/09/2015 | Laterite | 1/1A      | Pulamanthole | Perinthalmanna | Malappuram | 10 Ares  | 09-07-2015 | 09-06-2016 | 75000  |
| 236 | Basheer p ,s/o Muhammed,vellaramparakkal house, mongum po                | 236/15-16/Lt/Dom/M-1366/15 dtd 07/09/2015 | Laterite | Q 17-1025 | Melmuri      | Ernad          | Malappuram | 10 Ares  | 09-07-2015 | 09-06-2016 | 75000  |
| 237 | Rasheedali, s/o, Chekkumuhammed ,ottakanjirathingal house,Kuzhimanna po. | 237/15-16/Lt/Dom/M-1366/15 dtd 07/09/2015 | Laterite | 483/1/1   | Vazhakkad    | Kondotty       | Malappuram | 20 Ares  | 09-07-2015 | 09-06-2016 | 150000 |
| 238 | kuttai, s/o velayuldahan ,thekkathparambu house, olavattur po.           | 238/15-16/Lt/Dom/M-1050/15 dtd 07/09/2015 | Laterite | 222/1     | Pulikkal     | Kondotty       | Malappuram | 10 Ares  | 09-07-2015 | 09-06-2016 | 75000  |
| 239 | Ahdul sathar .s/o Moidheen kutti,, Edampurath house, chruvayoor po       | 239/15-16/Lt/Dom/M-1078/15 dtd 07/09/2015 | Laterite | 01-Jun    | vettilapara  | Ernad          | Malappuram | 10 Ares  | 09-07-2015 | 09-06-2016 | 75000  |
| 240 | Hussain s/o Aboobacker ,kariparambath house ,kadampuzha po               | 240/15-16/Lt/Dom/M-1141/15 dtd 07/09/2015 | Laterite | 263       | Melmuri      | Tirur          | Malappuram | 10 Ares  | 09-07-2015 | 09-06-2016 | 75000  |
| 241 | cheenikkal Komu, s/o Muhammed kutti ,cheenikkal house, Indianoor po.     | 241/15-16/Lt/Dom/M-1503/15 dtd 07/09/2015 | Laterite | 227/6     | Kottakkal    | Tirur          | Malappuram | 9.5 Ares | 09-07-2015 | 09-06-2016 | 75000  |

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|-----|--|---|----------|----------------|--------------|----------------|------------|-----------|------------|------------|--------|
| 242 | K ,Hamza ,s/o ,Uneenkutty, kunnath house ,vellila po.                      | 242/15-16/Lt/Dom/M-1095/15 dtd 07/09/2015 | Laterite | 378/1,2 ,392/1 | Aliparamb    | Perinthalmanna | Malappuram | 10 Ares   | 09-07-2015 | 09-06-2016 | 75000  |
| 243 | KPC .Ibrabim ,s/o Aboobacker ,parakottil house ,Neeleswaram ,mukkam .      | 243/15-16/Lt/Dom/M-1431/15 dtd 07/09/2015 | Laterite | 193/3          | Kavanoor     | Ernad          | Malappuram | 10 Ares   | 09-07-2015 | 09-06-2016 | 75000  |
| 244 | Noushad ,s/o Avarankutti, karuthedath house, Indianoor po                  | 244/15-16/Lt/Dom/M-1844/15 dtd 07/09/2015 | Laterite | 314            | Kottakkal    | Tirur          | Malappuram | 10 Ares   | 09-07-2015 | 09-06-2016 | 75000  |
| 245 | Ibrahim ,s/o ,Avarankutti, karuthedath house, Indianoor,                   | 245/15-16/Lt/Dom/M-1765/15 dtd 07/09/2015 | Laterite | 284/1          | Kottakkal    | Tirur          | Malappuram | 10 Ares   | 09-07-2015 | 09-06-2016 | 75000  |
| 246 | Abdurahman ,K, s/o Ummer ,padinjarekundil house, Trippanach po.            | 246/15-16/Lt/Dom/M-2049/15 dtd 07/09/2015 | Laterite | 76/24          | Narukara     | Ernad          | Malappuram | 10 Ares   | 09-09-2015 | 09-06-2016 | 75000  |
| 247 | Noorudheen S/o Musthafa Madakkal House Valavannur                          | 247/15-16/Lt/Dom/M-2058/15 dtd 09/09/2015 | Laterite | 21             | karuvambalam | Perinthalmanna | Malappuram | 10 Ares   | 09-07-2015 | 09-06-2016 | 75000  |
| 248 | sidhique pallipuram ,s/o Pocker, pallipuram ,Indianoor po                  | 248/15-16/Lt/Dom/M-1565/15 dtd 11/09/2015 | Laterite | 227/6          | Kottakkal    | Tirur          | Malappuram | 20 Ares   | 09-11-2015 | 09-10-2016 | 150000 |
| 249 | Hamzakutti cp, s/o Husasin, chundampatta house, Thootha po                 | 249/15-16/Lt/Dom/M-1603/15 dtd 11/09/2015 | Laterite | 221            | pathaikkara  | Perinthalmanna | Malappuram | 10 Ares   | 09-11-2015 | 09-10-2016 | 75000  |
| 250 | Balu thekkinkattil ,s/o Balakrishanan ,thekkinattil house, kadannamanna po | 250/15-16/Lt/Dom/M-2124/15 dtd 11/09/2015 | Laterite | 01-May         | Mankada      | Perinthalmanna | Malappuram | 9.72 Ares | 09-11-2015 | 09-10-2016 | 75000  |
| 251 | Mehaboobrahman ,s/o ,Moosa ,kottakkadan house ,kizhuparambu po             | 251/15-16/Lt/Dom/M-2092/15 dtd 14/09/2015 | Laterite | 289/13,14      | Kizhuparamb  | Ernad          | Malappuram | 10 Ares   | 14/9/2015  | 13/9/2016  | 75000  |
| 252 | Manniachalil Ibrahim ,s/o kunhalan ,manniachalil house, Olamathil po.      | 252/15-16/Lt/Dom/M-1635/15 dtd 14/09/2015 | Laterite | Q-17-1005      | Melmuri      | Ernad          | Malappuram | 10 Ares   | 14/9/2015  | 13/9/2016  | 75000  |

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|-----|--|---|----------|--------------|---------------|--------------|------------|-----------|-----------|-----------|--------|
| 253 | Ashkar Ali PK ,s/o ,Ahammedkutti,pattakkan kunithala house, cheekod po.                  | 253/15-16/Lt/Dom/M-2057/15 dtd 14/09/2015 | Laterite | 298/3        | Cheekode      | Kondotty     | Malappuram | 10 Ares   | 14/9/2015 | 13/9/2016 | 75000  |
| 254 | vellangara Balakrishnan ,s/o knuhipuravan ,vellangara house, kannamangalam po            | 254/15-16/Lt/Dom/M-1670/15 dtd 16/09/2015 | Laterite | 199/1A       | Kannamangalam | Thirurangadi | Malappuram | 12 Cents  | 16/9/2015 | 15/9/2016 | 75000  |
| 255 | Muhammed kp ,s/o ,Rayin mammad, kadakkulath pookkattu house, puthoor pallikkal           | 255/15-16/Lt/Dom/M-1856/15 dtd 16/09/2015 | Laterite | 341/2        | Pallikkal     | Kondotty     | Malappuram | 9.04 Ares | 16/9/2015 | 15/9/2016 | 75000  |
| 256 | Safia ,w/o ,kanneth Muhammed,Areekkan house, cheroor po                                  | 256/15-16/Lt/Dom/M-1781/15 dtd 16/09/2015 | Laterite | 56/2         | Kannamangalam | Thirurangadi | Malappuram | 20 Ares   | 16/9/2015 | 15/9/2016 | 150000 |
| 257 | CH . Shareef s/o , Aboobacker, cholakkath house, Indianoor, kottakkal                    | 257/15-16/Lt/Dom/M-1609/15 dtd 16/09/2015 | Laterite | 240 A        | Moorkanad     | Thirurangadi | Malappuram | 20 Ares   | 16/9/2015 | 15/9/2016 | 150000 |
| 258 | Muraleedharan, s/o velu,machingal house, vadkkumbram po                                  | 258/15-16/Lt/Dom/M-1209/15 dtd 16/09/2015 | Laterite | 219/2 ,219/1 | Edayur        | Tirur        | Malappuram | 8.9 Ares  | 16/9/2015 | 15/9/2016 | 75000  |
| 259 | Ummerali, s/o Koyakutti, thathrampalli house, Indianoor po                               | 259/15-16/Lt/Dom/M-2069/15 dtd 16/09/2015 | Laterite | 12           | Melmuri       | Tirur        | Malappuram | 10 Ares   | 16/9/2015 | 15/9/2016 | 75000  |
| 260 | Anilkumar ,s/o ,Govindan Nair,vadakkumthani house, vallikkunnu po                        | 260/15-16/Lt/Dom/M-2036/15 dtd 16/09/2015 | Laterite | 487/1        | vallikkunnu   | Thirurangadi | Malappuram | 10 Ares   | 16/9/2015 | 15/9/2016 | 75000  |
| 261 | Muhammed Navas ,s/o ,saidhalavi ,Anthoor house, moorkkanad, po                           | 261/15-16/Lt/Dom/M-1666/15 dtd 16/09/2015 | Laterite | 292/2A,2B    | Kuttippuram   | Tirur        | Malappuram | 10 Ares   | 16/9/2015 | 15/9/2016 | 75000  |
| 262 | Abdul shafeeq mp. s/o Alavi kurikkal ,mancheri puthen peediyekkal house ,Thamarasseri po | 262/15-16/Lt/Dom/M-2093/15 dtd 16/09/2015 | Laterite | 160/1        | Payyanad      | Tirur        | Malappuram | 18 Cents  | 16/9/2015 | 15/9/2016 | 75000  |

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|-----|--|---|----------|-------|--------------|----------------|------------|-----------|-----------|-----------|-------|
| 263 | T. veeramn Haji, s/o ,Moosa Haji, Tharakan house ,Thrikkalangod po             | 263/15-16/Lt/Dom/M-2150/15 dtd 16/09/2015 | Laterite | 7-1,1 | Pulikkal     | Kondotty       | Malappuram | 10 Ares   | 16/9/2015 | 15/9/2016 | 75000 |
| 264 | Abdul Fathah ,s/o, muhammed muslilyar ,paloli house, valiyakkunu po            | 264/15-16/Lt/Dom/M-1540/15 dtd 18/09/2015 | Laterite | 295   | Irimbiliyam  | Tirur          | Malappuram | 10 Ares   | 18/9/2015 | 17/9/2016 | 75000 |
| 265 | V.K Basheer ,s/o, Abu ,vettekkodan house ,poonthavanam po                      | 265/15-16/Lt/Dom/M-2068/15 dtd 18/09/2015 | Laterite | 52/3  | Nenmini      | Perinthalmanna | Malappuram | 10 Ares   | 18/9/2015 | 17/9/2016 | 75000 |
| 266 | Moidheen kutti, s/o Hamza ,Thayyan house ,koottilangadi, po                    | 266/15-16/Lt/Dom/M-2063/15 dtd 18/09/2015 | Laterite | 53/3A | Vadakkangara | Perinthalmanna | Malappuram | 10 Ares   | 18/9/2015 | 17/9/2016 | 75000 |
| 267 | Muhammed EC ,s/o Pokker Haji,Elathola house ,koottilangadi ,                   | 267/15-16/Lt/Dom/M-1843/15 dtd 18/09/2015 | Laterite | 55/1c | kuruva       | Perinthalmanna | Malappuram | 10 Ares   | 18/9/2015 | 17/9/2016 | 75000 |
| 268 | Moidhu, s/o ,Kunhikkammu ,cholakkal house ,Kunnakkavu po                       | 268/15-16/Lt/Dom/M-1213/15 dtd 23/09/2015 | Laterite | 1/2   | Elamkulam    | Perinthalmanna | Malappuram | 5.36 Ares | 23/9/2015 | 22/9/2016 | 75000 |
| 269 | Abdul Shukkoor, Yaakki Paramban, Yakki ParambilHouse, Keezhuparamb.            | 269/15-16/Lt/Dom/M-2083/15 dtd 25/09/2015 | Laterite | 14.8  | Keezhuparamb | Ernad          | Malappuram | 5.98 Ares | 25/9/2015 | 24/9/2016 | 75000 |
| 270 | Abdurahiman S/o Moideenkutty Haji, Kalluvallappil House, Indianoor.            | 270/15-16/Lt/Dom/M-1581/15 dtd 28/09/2015 | Laterite | 208/7 | Kodur        | Perinthalmanna | Malappuram | 10 Ares   | 28/9/2015 | 27/9/2016 | 75000 |
| 271 | Muhammed S/o Valiya Alavi, Poonthala House, Kadambod.                          | 271/15-16/Lt/Dom/M-2067/15 dtd 28/09/2015 | Laterite | 90/1  | Pandallur    | Ernad          | Malappuram | 10 Ares   | 28/9/2015 | 27/9/2016 | 75000 |
| 272 | Muhammed.T.S/o Veeran Haji, Thayyil Melethra House, Makkaraparamb.             | 272/15-16/Lt/Dom/M-2246/15 dtd 28/09/2015 | Laterite | 51/5  | Vadakkangara | Perinthalmanna | Malappuram | 10 Ares   | 28/9/2015 | 27/9/2016 | 75000 |
| 273 | Mohanan Maniyanveettil House, S/o Velayudhan, Maniyanveettil House, Kottakkal. | 273/15-16/Lt/Dom/M-2155/15 dtd 28/09/2015 | Laterite | 331/3 | Kottakkal    | Tirur          | Malappuram | 15 cents  | 28/9/2015 | 27/9/2016 | 75000 |



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|-----|---|--|----------|---------|--------------|----------------|------------|------------|------------|------------|--------|
| 274 | Muhammed.V.P.S/o Ali ,<br>Parammal House, Pulpatta.                                 | 274/15-<br>16/Lt/Dom/M-<br>2079/15 dtd<br>28/09/2015 | Laterite | 173/3   | Kavanoor     | Ernad          | Malappuram | 10 Ares    | 28/9/2015  | 27/9/2016  | 75000  |
| 275 | Abdul Salam S/o<br>Kunhalankutty, Karikuzhi<br>Variyath House,<br>P.O.Valiyaparamb. | 275/15-<br>16/Lt/Dom/M-<br>2110/15 dtd<br>28/09/2015 | Laterite | 243/3   | Pulikkal     | Kondotty       | Malappuram | 9.72 Ares  | 28/9/2015  | 27/9/2016  | 75000  |
| 276 | N.Narayanan S/o Ayyappan,<br>Naduvakad, Elayoor.P.O.                                | 276/15-<br>16/Lt/Dom/M-<br>2131/15 dtd<br>30/09/2015 | Laterite | 135/2   | Poroor       | Nilamabur      | Malappuram | 9.72 Ares  | 30.9.2015  | 29.9.2015  | 75000  |
| 277 | Habeeb Rahman<br>S/o Abdul Salam, Palakkal<br>House, Karippoor.                     | 277/15-<br>16/Lt/Dom/M-<br>2184/15 dtd<br>5/10/2015  | Laterite | 216/9   | Pallikkal    | Kondotty       | Malappuram | 9.72 Ares  | 10-05-2015 | 10-04-2015 | 75000  |
| 278 | Babu S/o Divakaran,<br>Cheruparakkal Purayil,<br>Vazhakkad.                         | 278/15-<br>16/Lt/Dom/M-<br>2257/15 dtd<br>5/10/2015  | Laterite | 289/19  | Keezhuparamb | Ernad          | Malappuram | 19.42 Ares | 10-05-2015 | 10-04-2016 | 150000 |
| 279 | Suresh Babu S/o Arumughan,<br>Velumbilakuzhi House,<br>Cherugayoor.                 | 279/15-<br>16/Lt/Dom/M-<br>2182/15 dtd<br>5/10/2015  | Laterite | 315/2   | Vazhakkad    | Ernad          | Malappuram | 19.43 Ares | 10-05-2015 | 10-04-2016 | 150000 |
| 280 | Abdul Hameed S/o Moidu,<br>Palora House, Valancheri.                                | 280/15-<br>16/Lt/Dom/M-<br>1305/15 dtd<br>5/10/2015  | Laterite | 533/1   | Kuttippuram  | Tirur          | Malappuram | 4.15 Ares  | 10-05-2015 | 10-04-2016 | 75000  |
| 281 | Jouhar.K. S/o Alavi, Kattakath<br>House, Kadampuzha.                                | 281/15-<br>16/Lt/Dom/M-<br>2102/15 dtd<br>6/10/2015  | Laterite | 7/2     | Mankada      | Perinthalmanna | Malappuram | 9.72 Ares  | 10-06-2015 | 10-05-2016 | 75000  |
| 282 | Abbas.K.S/o Muhammed,<br>Kalangottil House,<br>Valiyaparamb.                        | 282/15-<br>16/Lt/Dom/M-<br>2189/15 dtd<br>6/10/2015  | Laterite | 333/2/1 | Oorakam      | Thirurangadi   | Malappuram | 19.42 Ares | 10-06-2015 | 10-05-2016 | 150000 |
| 283 | Musthafa Thaikadan, S/o<br>Muhammed Kutti,<br>Thaikkadan House,<br>P.O.Indianoor.   | 283/15-<br>16/Lt/Dom/M-<br>2065/15 dtd<br>6/10/2015  | Laterite | 404/3   | Kottakkal    | Tirur          | Malappuram | 9.51 Ares  | 10-06-2015 | 10-05-2016 | 75000  |
| 284 | Latheef Nambrambath S/o<br>Saidalavi, Nambrambath<br>House,Valancheri.              | 284/15-<br>16/Lt/Dom/M-<br>1335/15 dtd<br>7/10/2015  | Laterite | 21-     | Irimbilyam   | Tirur          | Malappuram | 16.59 Ares | 10-07-2015 | 10-06-2016 | 150000 |

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| 285 | Muhammed Shafi S/o Kunhalavi, Kuttikkadan House, Valancheri.         | 285/15-16/Lt/Dom/M-1334/15 dtd 7/10/2015 | Laterite | 21-          | Irimbiliyam  | Tirur          | Malappuram | 9.71 Ares  | 10-07-2015 | 10-06-2016 | 75000  |
| 286 | Muhammed Ashraf S/o Moosa Master, Thekkil House, East Kodur.         | 286/15-16/Lt/Dom/M-2154/15 dtd 7/10/2015 | Laterite | 102/2        | Kodur        | Perinthalmanna | Malappuram | 9.72 Ares  | 10-07-2015 | 10-06-2016 | 75000  |
| 287 | Muhammed Musthafa S/o Koyakutti, Pullan Kulavan House, Chattiparamb. | 287/15-16/Lt/Dom/M-2157/15 dtd 7/10/2015 | Laterite | 102/2        | Kodur        | Perinthalmanna | Malappuram | 9.72 Ares  | 10-07-2015 | 10-06-2016 | 75000  |
| 288 | Hassan S/o VeeranKutty, Pullankulavan House, Chattiparamb.           | 288/15-16/Lt/Dom/M-1695/15 dtd 7/10/2015 | Laterite | 359/3, 383/9 | Kuruva       | Perinthalmanna | Malappuram | 9.71 Ares  | 10-07-2015 | 10-06-2016 | 75000  |
| 289 | Ahammed Kutti S/o Muhammed, Mullapalli House, Pazhamalloor.          | 289/15-16/Lt/Dom/M-2097/15 dtd 7/10/2015 | Laterite | 16/1         | Kodur        | Perinthalmanna | Malappuram | 9.72 Ares  | 10-07-2015 | 10-06-2016 | 75000  |
| 290 | Abbas Ali, Kanakkayil House, Chengottur.                             | 290/15-16/Lt/Dom/M-2180/15 dtd 7/10/2015 | Laterite | 284/2        | Ponmala      | Tirur          | Malappuram | 19.43 Ares | 10-07-2015 | 10-06-2016 | 150000 |
| 291 | Abdul Noufal S/o Veeran Eriyakkalam House Pookkottur P.o             | 291/15-16/Lt/Dom/M-2256/15 dtd 7/10/2015 | Laterite | Q 18- 1158   | Melmuri      | Ernad          | Malappuram | 19.42 Ares | 10-07-2015 | 10-06-2016 | 150000 |
| 292 | Muhammed S/o Mammatty, Manayil House, Kuzhimanna.                    | 292/15-16/Lt/Dom/M-2186/15 dtd 7/10/2015 | Laterite | 289/ 3       | Keezhuparamb | Ernad          | Malappuram | 4.86 Ares  | 10-07-2015 | 10-06-2016 | 75000  |
| 293 | Sajid S/o Muhammed, Pandarathodi House, Chengottur.                  | 293/15-16/Lt/Dom/M-2064/15 dtd 7/10/2015 | Laterite | B.41-286/9   | Ponmala      | Tirur          | Malappuram | 9.70 Ares  | 10-07-2015 | 10-06-2016 | 75000  |
| 294 | Moideen S/o Kuhalavi, Kanakkayil House, Pang Chandi.                 | 294/15-16/Lt/Dom/M-2120/15 dtd 7/10/2015 | Laterite | 166          | Kuruva       | Perinthalmanna | Malappuram | 9.71 Ares  | 10-07-2015 | 10-06-2016 | 75000  |
| 295 | Abbas.M.T., Malleerithodi House, Pang South.P.O., Kolathur(via)      | 295/15-16/Lt/Dom/M-2099/15 dtd 7/10/2015 | Laterite | 251/17 A     | Kuruva       | Perinthalmanna | Malappuram | 19.43 Ares | 10-07-2015 | 10-06-2016 | 150000 |

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| 296 | Aachuthan Nair, S/o Raman Nair, Ambalakkatt House, Edayur North.P.O. | 296/15-16/Lt/Dom/M-2034/15 dtd 9/10/2015  | Laterite | 43           | pathaikkara | Perinthalmanna | Malappuram | 9.73 Ares  | 10-09-2015 | 10-08-2016 | 75000  |
| 297 | Ayoob S/o Kuhalan Kutti Haji, Koorimannil Pathiyil House, Payyanad.  | 297/15-16/Lt/Dom/M-2070/15 dtd 9/10/2015  | Laterite | 152/1        | Payyanad    | Ernad          | Malappuram | 9.71 Ares  | 10-09-2015 | 8/10/201   | 75000  |
| 298 | Sameer, Thayattu Chira S/o Muhammed, Othukungal.                     | 298/15-16/Lt/Dom/M-1207/15 dtd 9/10/2015  | Laterite | 380/1 C      | Kuttippuram | Tirur          | Malappuram | 9.71 Ares  | 10-09-2015 | 10-08-2016 | 75000  |
| 299 | M.Chandran, S/o Ayyappan, Mandalath House, P.O.Oorakam.              | 299/15-16/Lt/Dom/M-2122/15 dtd 9/10/2015  | Laterite | 132/pt       | Oorakam     | Thirurangadi   | Malappuram | 9.71 Ares  | 10-09-2015 | 10-08-2016 | 75000  |
| 300 | Alavi S/o Veerankutty, Oorakattil House, Vellila.                    | 300/15-16/Lt/Dom/M-2187/15 dtd 12/10/2015 | Laterite | 7/ 6         | Mankada     | Perinthalmanna | Malappuram | 9.71 Ares  | 10-12-2015 | 10-11-2016 | 75000  |
| 301 | Muhammed Ashraf S/o Veeran Haji, Kilikkottu Thodiyil House, Mongam.  | 301/15-16/Lt/Dom/M-2158/15 dtd 12/10/2015 | Laterite | 132/pt       | Pandallur   | Ernad          | Malappuram | 9.72 Ares  | 10-12-2015 | 10-11-2016 | 75000  |
| 302 | Abu.P. S/o Muhammed, Pookkayil House, Theyyala.                      | 302/15-16/Lt/Dom/M-2048/15 dtd 12/10/2015 | Laterite | 180          | Melmuri     | Tirur          | Malappuram | 9.71 Ares  | 10-12-2015 | 10-11-2016 | 75000  |
| 303 | K.Abdul Rasak S/o Mayin Kutti, Kambrath House, Ponmala.              | 303/15-16/Lt/Dom/M-2293/15 dtd 14/10/2015 | Laterite | 63/1/4       | Muthuvallur | Kondotty       | Malappuram | 19.42 Ares | 14/10/2015 | 13/10/201  | 150000 |
| 304 | P.Shamsuddin, S/o Alavikutty, Permpalli House, Ponmala.P.O.          | 304/15-16/Lt/Dom/M-2292/15 dtd 14/10/2015 | Laterite | 63/1/4, 64/1 | Muthuvallur | Kondotty       | Malappuram | 19.42 Ares | 14/10/2015 | 13/10/2016 | 150000 |
| 305 | Jafar S/o Abdul Khader, Karuppan Veetil House, Perassanur.P.O.       | 305/15-16/Lt/Dom/M-1771/15 dtd 14/10/2015 | Laterite | 38//1 B      | Kuttippuram | Tirur          | Malappuram | 9.71 Ares  | 14/10/2015 | 13/10/2016 | 75000  |
| 306 | Ishak Thattayil S/o Mayin Kutty, Thattayil House, Parimbalam.        | 306/15-16/Lt/Dom/M-2311/15 dtd 16/10/2015 | Laterite | B.45-249     | Anakayam    | Ernad          | Malappuram | 9.72 Ares  | 16/10/2015 | 15/10/2016 | 75000  |

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|-----|---|---|----------|----------------|--------------|----------------|------------|------------|------------|------------|--------|
| 307 | Aboobacker Siddique S/o Koyaakutty, Thathrampalli House, Indianoor.P.O. | 307/15-16/Lt/Dom/M-2228/15 dtd 16/10/2015 | Laterite | 228/2 B        | Melmuri      | Tirur          | Malappuram | 9.71 Ares  | 16/10/2015 | 17/10/2016 | 75000  |
| 308 | Muhammedkutty.V.C.S/o Aboobacker, Parakkad House, Ullanam North P.O.    | 308/15-16/Lt/Dom/M-2385/15 dtd 16/10/2015 | Laterite | 141/1          | Peruvallur   | Thirurangadi   | Malappuram | 8.09 Ares  | 16/10/2015 | 17/10/2016 | 75000  |
| 309 | Moideenkoya S/o Ali, Karattupurayil House, P.O.Pallikkal.               | 309/15-16/Lt/Dom/M-2384/15 dtd 16/10/2015 | Laterite | 141/1          | Peruvallur   | Thirurangadi   | Malappuram | 8.09 Ares  | 16/10/2015 | 17/10/2016 | 75000  |
| 310 | Sharafuddin.C. S/o Ibrahim, Choorangodan House, Pang South.             | 310/15-16/Lt/Dom/M-2125/15 dtd 19/10/2015 | Laterite | 41/ 4          | Kuruva       | Perinthalmanna | Malappuram | 9.71 Ares  | 19/10/2015 | 18/10/2016 | 75000  |
| 311 | Saheerali S/o Hamza Kurikkal, Ovumpurath House, Kolaparamb.             | 311/15-16/Lt/Dom/M-2066/15 dtd 19/10/2015 | Laterite | 131/1          | Pandallur    | Ernad          | Malappuram | 9.72 Ares  | 19/10/2015 | 18/10/2016 | 75000  |
| 312 | Jafar.K.S/o Muhammed, Keyath House, Velloore.P.O.                       | 312/15-16/Lt/Dom/M-2335/15 dtd 19/10/2015 | Laterite | 206/4          | Pallikkal    | Kondotty       | Malappuram | 7.28 Ares  | 21/10/2015 | 20/10/2016 | 75000  |
| 313 | Shahul Hameed S/o Moideen Kutty Hajai, Pangottu House, Pallikkal.P.O.   | 313/15-16/Lt/Dom/M-2334/15 dtd 21/10/2015 | Laterite | 1/1 A          | Pulamantole  | Perinthalmanna | Malappuram | 19.42 Ares | 21/10/2015 | 20/10/2016 | 150000 |
| 314 | Ibrahimkutty S/o Mammadissa, Karuvambra House, Pulpatta.                | 314/15-16/Lt/Dom/M-2315/15 dtd 21/10/2015 | Laterite | 27/2           | Mankada      | Perinthalmanna | Malappuram | 9.71 Ares  | 21/10/2015 | 20/10/2016 | 75000  |
| 315 | Muhammed Ashraf Kadavath, Kadavath House, Kanmanam.P.O.                 | 315/15-16/Lt/Dom/M-2218/15 dtd 21/10/2015 | Laterite | 251/17 B       | Kuruva       | Perinthalmanna | Malappuram | 9.71 Ares  | 21/10/2015 | 20/10/2016 | 75000  |
| 316 | C.Jayesh S/o Ayyappan, Cheruthodi House, Pulpatta.P.O.                  | 316/15-16/Lt/Dom/M-1561/15 dtd 28/10/2015 | Laterite | 47/5           | Kottilangadi | Perinthalmanna | Malappuram | 9.71 Ares  | 28/10/2015 | 27/10/2016 | 75000  |
| 317 | K.Sunilkumar, S/o Chekku, Kariyathankuzhi House, Cheruvayoor.P.O.       | 317/15-16/Lt/Dom/M-2183/15 dtd 28/10/2015 | Laterite | Bl.19 - 314/pt | Vazhakkad    | Kondotty       | Malappuram | 19.42 Ares | 28/10/2015 | 27/10/2016 | 150000 |

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| 318 | P.k Haneefa ,s/o Alavikutty ,poothamkuttiyil house ,po .peruvallur | 318/15-16/Lt/Dom/M-2526/15 dtd 2/11/2015  | Laterite | 425/9   | Peruvallur   | Thirurangadi   | Malappuram | 10 Ares    | 11-02-2015 | 11-01-2016 | 75000  |
| 319 | A. Muhammadali ,s/o Alavi .Mandiveetil ,pang , po                  | 319/15-16/Lt/Dom/M-2152/15 dtd 4/11/2015  | Laterite | 103/1   | kuruva       | Perinthalmanna | Malappuram | 9.71 Ares  | 11-04-2015 | 11-03-2016 | 75000  |
| 320 | Muhammed Shareef .s/o Riyas .Kundil house ,kadampuzha po           | 320/15-16/Lt/Dom/M-2185/15 dtd 4/11/2015  | Laterite | 73      | Edayur       | Tirur          | Malappuram | 9.71 Ares  | 11-04-2015 | 11-03-2016 | 75000  |
| 321 | K. Hydru .s/o Alavi,kunnath attuparakkal house ,pookottur po       | 321/15-16/Lt/Dom/M-2514/15 dtd 4/11/2015  | Laterite | 324/2   | Morayur      | Kondotty       | Malappuram | 9.71 Ares  | 11-04-2015 | 11-03-2016 | 75000  |
| 322 | Abdul Azeez ,kiliyamannil house ,pang south .po                    | 322/15-16/Lt/Dom/M-2518/15 dtd 4/11/2015  | Laterite | 251/17A | kuruva       | Perinthalmanna | Malappuram | 9.71 Ares  | 11-04-2015 | 11-03-2016 | 75000  |
| 323 | Muhammed Rafeequ e, s/o Abdu ,Kandappurath house ,kunnapadi .po    | 323/15-16/Lt/Dom/M-1365/15 dtd 6/11/2015  | Laterite | 17      | Elamkulam    | Perinthalmanna | Malappuram | 9.71 Ares  | 11-06-2015 | 11-05-2016 | 75000  |
| 324 | Aboobacker ,s/o Muhammed ,pulparambil house ,cheruvayur .po        | 324/15-16/Lt/Dom/M-2421/15 dtd 6/11/2015  | Laterite | 207/pt  | Pulikkal     | Kondotty       | Malappuram | 9.71 Ares  | 11-06-2015 | 11-05-2016 | 75000  |
| 325 | Majeed,s/o .Muhammed ,kuruniyan house ,Mattathoor .p0              | 325/15-16/Lt/Dom/M-2429/15 dtd 6/11/2015  | Laterite | 89/2    | Ponmala      | Tirur          | Malappuram | 9.71 Ares  | 11-06-2015 | 11-05-2016 | 75000  |
| 326 | Gireesh.P.S/o Velayudhan, Pallath House, Karekkad.                 | 326/15-16/Lt/Dom/M-2123/15 dtd 9/11/2015  | Laterite | 100/2   | Kattiparuthy | Tirur          | Malappuram | 19.43 Ares | 11-09-2015 | 11-08-2016 | 150000 |
| 327 | Ali Bava S/o Moideenkutty, Karimbil House, Irimbilyam.             | 327/15-16/Lt/Dom/M-2127/15 dtd 9/11/2015  | Laterite | 218/2   | Edayur       | Tirur          | Malappuram | 9.71 Ares  | 11-09-2015 | 11-08-2016 | 75000  |
| 328 | Anilkumar S/o Sankaran Parammlthodi House, Vadakkumbram.           | 328/15-16/Lt/Dom/M-2308/15 dtd 11/11/2015 | Laterite | 418/1   | Edayur       | Tirur          | Malappuram | 9.71 Ares  | 11-11-2015 | 11-10-2016 | 75000  |

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| 329 | P.Kunhimammed , Palliyalil House, Kuttipuram.                              | 329/15-16/Lt/Dom/M-2309/15 dtd 11/11/2015 | Laterite | 418/1    | Edayur        | Tirur          | Malappuram | 9.71 Ares  | 11-11-2015 | 11-10-2016 | 75000  |
| 330 | Sunil, S/o Thankammu, Kambath House, Vadakkumpuram.                        | 330/15-16/Lt/Dom/M-1148/15 dtd 11/11/2015 | Laterite | 219/1,2  | Edayur        | Tirur          | Malappuram | 9.71 Ares  | 11-11-2015 | 11-10-2016 | 75000  |
| 331 | K.P.Moosakutti S/o Muhammed Haji, Kudukkil Pottammal House, Valiyaparamab. | 331/15-16/Lt/Dom/M-2633/15 dtd 13/11/2015 | Laterite | 244/3    | Pallikkal     | Thirurangadi   | Malappuram | 9.71 Ares  | 13/11/2015 | 11-12-2016 | 75000  |
| 332 | Sudheesh S/o Parameswaran, Palliyalil House, Vadakkumpuram.                | 332/15-16/Lt/Dom/M-2114/15 dtd 13/11/2015 | Laterite | 218/1    | Edayur        | Tirur          | Malappuram | 9.71 Ares  | 13/11/2015 | 11-12-2016 | 75000  |
| 333 | Satheesh S/o Velu, Vallathukuzhi House, Pulpatta.P.O.                      | 333/15-16/Lt/Dom/M-1572/15 dtd 13/11/2015 | Laterite | 35/2     | Paayyanad     | Ernad          | Malappuram | 9.71 Ares  | 13/11/2015 | 11-12-2016 | 75000  |
| 334 | Rajan.M. S/o Chathu, Mattayil House, P.O.Pang Chandi.                      | 334/15-16/Lt/Dom/M-2434/15 dtd 13/11/2015 | Laterite | 251/9    | Kuruva        | Perinthalmanna | Malappuram | 9.71 Ares  | 13/11/2015 | 11-12-2016 | 75000  |
| 335 | C.T.Abdulla, S/o Muhammed Yoosaf, Chunangattuthodi House, Valancheri.      | 335/15-16/Lt/Dom/M-2510/15 dtd 13/11/2015 | Laterite | 418/1    | Edayur        | Tirur          | Malappuram | 9.71 Ares  | 13/11/2015 | 11-12-2016 | 75000  |
| 336 | Eraniyan Abdurahiman S/o Alavikutti, Eraniyan House, Kadampuzha.           | 336/15-16/Lt/Dom/M-1163/15 dtd 13/11/2015 | Laterite | 251/9    | Kuruva        | Perinthalmanna | Malappuram | 9.71 Ares  | 13/11/2015 | 11-12-2016 | 75000  |
| 337 | Shaji Parappuram S/o Alavikutti, Parappuram House, Chengottur.             | 337/15-16/Lt/Dom/M-2331/15 dtd 16/11/2015 | Laterite | 219/1    | Edayur        | Tirur          | Malappuram | 19.42 Ares | 16/11/2015 | 15/11/2016 | 150000 |
| 338 | Aliyamu S/o Muhammed, Thaikkottil House, Vazhenkada.                       | 338/15-16/Lt/Dom/M-2129/15 dtd 16/11/2015 | Laterite | 383/6, 7 | Alipapramb    | Perinthalmanna | Malappuram | 9.71 Ares  | 16/11/2015 | 15/11/2016 | 75000  |
| 339 | Zainuddin S/o Muhammed, Cheriyaarambil House, Morayur.                     | 339/15-16/Lt/Dom/M-2445/15 dtd 16/11/2015 | Laterite | 46       | Kannamangalam | Thirurangadi   | Malappuram | 9.71 Ares  | 16/11/2015 | 15/11/2016 | 75000  |

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| 340 | Abdul shafeeq mp. s/o Alavi kurikkal ,mancheri puthen peediyekkal house ,Nellikuth. | 340/15-16/Lt/Dom/M-2291/15 dtd 16/11/2015 | Laterite | 760/1   | Payyanad     | Ernad          | Malappuram | 8.09 Ares  | 16/11/2015 | 15/11/2016 | 75000  |
| 341 | Ahammed.O.P.S/o Muhammed, Athramkad House, Valluvambram.                            | 341/15-16/Lt/Dom/M-1510/15 dtd 16/11/2015 | Laterite | 243/pt  | Pulpatta     | Ernad          | Malappuram | 9.71 Ares  | 16/11/2015 | 15/11/2016 | 75000  |
| 342 | Siraj.k.S/o Muhammed, Kalathungal House, Vallikkapatta.                             | 342/15-16/Lt/Dom/M-2548/15 dtd 18/11/2016 | Laterite | 8/1 B   | Mankada      | Perinthalmanna | Malappuram | 29.13 Ares | 18/11/2015 | 17/11/2016 | 300000 |
| 343 | Muhammed Abdurahiman S/o Moideen Haji, Pariparamban House, A.R.Nagar.P.O.           | 343/15-16/Lt/Dom/M-2512/15 dtd 18/11/2015 | Laterite | 210/1 A | Irimbiliyam  | Tirur          | Malappuram | 9.72 Ares  | 18/11/2015 | 17/11/2016 | 75000  |
| 344 | Khalid, S/o Rayinkutty, Kokkaramuchi, Chettupalathingal, Omanur.                    | 344/15-16/Lt/Dom/M-2519/15 dtd 18/11/2015 | Laterite | 140/1/1 | Cheekode     | Kondotty       | Malappuram | 9.71 Ares  | 18/11/2015 | 17/11/2016 | 75000  |
| 345 | Hussain.C., S/o Muhammed Kutti, Chammengott House, Ramanattukara.                   | 345/15-16/Lt/Dom/M-2529/15 dtd 21/11/2015 | Laterite | 300/1   | Melmuri      | Tirur          | Malappuram | 9.71 Ares  | 21/11/2015 | 20/11/2016 | 75000  |
| 346 | M.Madhu S/o Velu, Nambiattil House, Puthoor Pallikkal..P.O                          | 346/15-16/Lt/Dom/M-2332/15 dtd 21/11/2015 | Laterite | 288/3   | Edavanna     | Ernad          | Malappuram | 9.71 Ares  | 21/11/2015 | 20/11/2016 | 75000  |
| 347 | E.K.Aboobacker S/o Abdurahiman, Eanthenkuzhiyan House, Pulpatta.P.O.                | 347/15-16/Lt/Dom/M-2549/15 dtd 25/11/2015 | Laterite | 51/7    | Vadakkangara | Perinthalmanna | Malappuram | 9.71 Ares  | 25/11/2015 | 24/11/2016 | 75000  |
| 348 | Faisal, Akayicholakkal House, Pang South.   | 348/15-16/Lt/Dom/M-2515/15 dtd 25/11/2015 | Laterite | 7/5     | Moorkanad    | Perinthalmanna | Malappuram | 9.71 Ares  | 25/11/2015 | 24/11/2016 | 75000  |
| 349 | Ansar S/o Abdurahima, Kanniyam House, Karuvambram.                                  | 349/15-16/Lt/Dom/M-2555/15 dtd 25/11/2015 | Laterite | 5/2     | Mankada      | Perinthalmanna | Malappuram | 9.71 Ares  | 25/11/2015 | 24/11/2016 | 75000  |
| 350 | T.C.Aboobacker, S/o Unnikoya, Chembra House, P.O.Pulikkal.                          | 350/15-16/Lt/Dom/M-2698/15 dtd 25/11/2015 | Laterite | 265     | Vazhayoor    | Kondotty       | Malappuram | 19.20 Ares | 25/11/2015 | 24/11/2016 | 150000 |



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|-----|---|--|----------|--------------|-------------|----------------|------------|------------|------------|------------|--------|
| 351 | Thoppasseri Chandran,<br>Makkatt Kizhakkil House,<br>Velimukku South.P.O.         | 351/15-<br>16/Lt/Dom/M-<br>2699/15 dtd<br>25/11/2015 | Laterite | B.8-254/1    | Peruvallur  | Kondotty       | Malappuram | 19.42 Ares | 25/11/2015 | 24/11/2016 | 150000 |
| 352 | Muhammed Rafeeq S/o<br>Ummer, Pulakkal House,<br>Aripra.P.O.                      | 352/15-<br>16/Lt/Dom/M-<br>2431/15 dtd<br>25/11/2015 | Laterite | 1-           | Keezhattoor | Perinthalmanna | Malappuram | 9.71 Ares  | 25/11/2015 | 24/11/2016 | 75000  |
| 353 | Satheesan.B. S/o Bhaskaran,<br>Neekampurath House,<br>Pantheerankavu.P.O.         | 353/15-<br>16/Lt/Dom/M-<br>2430/15 dtd<br>25/11/2015 | Laterite | 338/1        | Vazhakkad   | Kondotty       | Malappuram | 24 Cents   | 25/11/2015 | 24/11/2016 | 75000  |
| 354 | Ali Mammad P<br>S/o Moideen<br>Palakkal Palliyali Akkara<br>House<br>Valluvambram | 354/15-<br>16/Lt/Dom/M-<br>2623/15 dtd<br>25/11/2015 | Laterite | 132/2        | Pandallur   | Ernad          | Malappuram | 19.43 Ares | 25/11/2015 | 24/11/2016 | 150000 |
| 355 | Nameer Kalathingal S/o<br>Hussain, Shamna Manzil,<br>Morayur.P.O.                 | 355/15-<br>16/Lt/Dom/M-<br>2381/15 dtd<br>25/11/2015 | Laterite | 160/1        | Payyanad    | Ernad          | Malappuram | 9.71 Ares  | 25/11/2015 | 24/11/2016 | 75000  |
| 356 | Muhammed Ashraf Malayil,<br>Malayil House, Thachinganad.                          | 356/15-<br>16/Lt/Dom/M-<br>2624/15 dtd<br>25/11/2015 | Laterite | 90/2 B, 90/1 | Nenmini     | Perinthalmanna | Malappuram | 24 cents   | 25/11/2015 | 24/11/2016 | 75000  |
| 357 | P.K.Dasan Namboodiri, S/o<br>Damodaran Namboodiri,<br>Vrindavanam, Vaniyambalam.  | 357/15-<br>16/Lt/Dom/M-<br>2626/15 dtd<br>25/11/2015 | Laterite | 21/1 pt      | Poroor      | Nilamabur      | Malappuram | 9.72 Ares  | 25/11/2015 | 24/11/2016 | 75000  |
| 358 | Abdul Saleem, S/o<br>Moyinkutty Musliar,<br>Cheemadan House,<br>Nallamthanni.P.O. | 358/15-<br>16/Lt/Dom/M-<br>2675/15 dtd<br>25/11/2015 | Laterite | 469/2        | Mampad      | Nilamabur      | Malappuram | 9.72 Ares  | 25/11/2015 | 24/11/2016 | 75000  |
| 359 | Muhammadali.M.K.S/o<br>Alavikutti, Thekkumpurath<br>House, Parambil Peedika.P.O.  | 359/15-<br>16/Lt/Dom/M-<br>2528/15 dtd<br>25/11/2015 | Laterite | 70/2         | Thennala    | Thirurangadi   | Malappuram | 24 cents   | 25/11/2015 | 24/11/2016 | 75000  |
| 360 | V.M.Sarafuddin, S/o<br>Saithalavi, Vattamanil House,<br>Perassannur.              | 360/15-<br>16/Lt/Dom/M-<br>1477/15 dtd<br>25/11/2015 | Laterite | 380/1 C      | Kuttipuram  | Tirur          | Malappuram | 380/1 C    | 25/11/2015 | 24/11/2016 | 75000  |

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| 361 | Shanavas.P.S/o Muhammed, Pathur House, Puthuparamb, Edarikode(via)   | 361/15-16/Lt/Dom/M-2655/15 dtd 27/11/2015 | Laterite | 140/1 | Edarikode     | Thirurangadi   | Malappuram | 17.7 cents | 27/11/2015 | 26/11/2016 | 75000  |
| 362 | E.Ahammed S/o Saidalavi, Edathat House, Pallikkal.P.O.               | 362/15-16/Lt/Dom/M-2659/15 dtd 27/11/2015 | Laterite | 208   | Kannamangalam | Thirurangadi   | Malappuram | 9.72       | 27/11/2015 | 26/11/2016 | 75000  |
| 363 | K.Shoukathali, S/o Hyder, Kalleppuram House, Pallikkal.              | 363/15-16/Lt/Dom/M-2660/15 dtd 27/11/2015 | Laterite | 208   | Kannamangalam | Thirurangadi   | Malappuram | 9.72       | 27/11/2015 | 26/11/2016 | 75000  |
| 364 | P.P.Abdul Jaleel S/o Abdu, Palliyali Peediyekkal House, P.O.Melmuri. | 364/15-16/Lt/Dom/M-2732/15 dtd 27/11/2015 | Laterite | 143/1 | Ponmala       | Tirur          | Malappuram | 48 Cents   | 27/11/2015 | 26/11/2016 | 150000 |
| 365 | Abdu S/o Kunhayamu, Kodappana House, Amminikkad.                     | 365/15-16/Lt/Dom/M-2653/15 dtd 27/11/2015 | Laterite | 1-    | Kuruvambalam  | Perinthalmanna | Malappuram | 9.73 Cents | 27/11/2015 | 26/11/2016 | 75000  |
| 366 | Abdulla.K. S/o Muhammed, Kappikuzhiyil House, Kadambod,              | 366/15-16/Lt/Dom/M-2673/15 dtd 27/11/2015 | Laterite | 249   | Anakkayam     | Ernad          | Malappuram | 9.73 Ares  | 27/11/2015 | 26/11/2016 | 75000  |
| 367 | Usman.K. S/o Unneenkutty, Kunnath House, Vellila.P.O.                | 367/15-16/Lt/Dom/M-1770/15 dtd 27/11/2015 | Laterite | 106/4 | Angadipuram   | Perinthalmanna | Malappuram | 24 Cents   | 27/11/2015 | 26/11/2016 | 75000  |
| 368 | K.Ibrahim S/o Ahammed Haji, Karivattath House, Edarikkod.            | 368/15-16/Lt/Dom/M-2773/15 dtd 27/11/2015 | Laterite | 379   | Kottakkal     | Tirur          | Malappuram | 18.90 Ares | 27/11/2015 | 26/11/2016 | 150000 |
| 369 | E.Ahammed S/o Saidalavi, Edathat House, Pallikkal.P.O.               | 369/15-16/Lt/Dom/M-2768/15 dtd 01/12/2015 | Laterite | 208   | Kannamangalam | Thirurangadi   | Malappuram | 37.65 Ares | 12-01-2015 | 30/11/2016 | 150000 |
| 370 | Ashik Abdulla, S/o Kunhimammed , Appada House, Ayoor.                | 370/15-16/Lt/Dom/M-2242/15 dtd 02/12/2015 | Laterite | 297/4 | Kottakkal     | Tirur          | Malappuram | 9.45 Ares  | 12-02-2015 | 02-06-2016 | 45360  |
| 371 | Noushad Paramban S/o Hussain, Paramban House, Chappanangadi.         | 371/15-16/Lt/Dom/M-2103/15 dtd 02/12/2015 | Laterite | 151/8 | Kottakkal     | Tirur          | Malappuram | 9.36 Ares  | 12-02-2015 | 12-01-2016 | 75000  |

|     |   |   |          |          |              |                |            |                   |            |            |        |
|-----|---|---|----------|----------|--------------|----------------|------------|-------------------|------------|------------|--------|
| 372 | Abdul Munas.M. S/o Moidu, Maniyarayil House, Vadakkangara.                    | 372/15-16/Lt/DOM/M-2511/15 dtd 02/12/2015 | Laterite | 57/22    | Valambur     | Perinthalmanna | Malappuram | 9.71 Ares         | 12-02-2015 | 12-01-2016 | 75000  |
| 373 | Aboobacker Kannan Kunnan, S/o Moideen Kutti, Kannankunnan House, Pattarkadav  | 373/15-16/Lt/DOM/M-2810/15 dtd 02/12/2015 | Laterite | 161      | Panakkad     | Ernad          | Malappuram | 9.71 Ares         | 12-02-2015 | 12-01-2016 | 75000  |
| 374 | Kunhimoideenkutty S/o Hamza, Mulanhipulakka House, Indiannoor.                | 374/15-16/Lt/DOM/M-2516/15 dtd 02/12/2015 | Laterite | 327/2    | Kottakkal    | Tirur          | Malappuram | 19.3 Ares         | 12-02-2015 | 12-01-2016 | 150000 |
| 375 | Shoukathali S/o Saidalikutti, Pookkunnumal House, Mampad.                     | 375/15-16/Lt/DOM/M-2639/15 dtd 02/12/2015 | Laterite | 109/4    | Mampad       | Nenmini        | Malappuram | 9.72 Ares         | 12-02-2015 | 12-01-2016 | 75000  |
| 376 | Ahammedkutty.K.K.S/o Eantheen, Kollarkuzhiyil House, Kallarmangalam.          | 376/15-16/Lt/DOM/M-2374/15 dtd 04/12/2015 | Laterite | 190/2    | Athavanad    | Tirur          | Malappuram | 19.42 Ares        | 12-04-2015 | 12-03-2016 | 150000 |
| 377 | Subaiir S/o Hassainar, Pariyarth House, Kottakkal.                            | 377/15-16/Lt/DOM/M-2769/15 dtd 04/12/2015 | Laterite | 120 A /1 | Puzhakattiri | Perinthalmanna | Malappuram | 19.42 Ares        | 12-04-2015 | 12-03-2016 | 150000 |
| 378 | Hamza.M. S/o Muhammed Haji, Mulanhipulan House, Indianoor.                    | 378/15-16/Lt/DOM/M-2715/15 dtd 04/12/2015 | Laterite | 413/3    | Ponmala      | Tirur          | Malappuram | 48 cents          | 12-04-2015 | 12-03-2016 | 150000 |
| 379 | Koyappu Kottaram, S/o Kunhimammed, Kottaram House, Indianoor.                 | 379/15-16/Lt/DOM/M-2716/15 dtd 04/12/2015 | Laterite | 413/3    | Ponmala      | Tirur          | Malappuram | 48 cents          | 12-04-2015 | 12-03-2016 | 150000 |
| 380 | Muhammed Shihab S/o Moidu, Cheenadan Alangod, Edayur.                         | 380/15-16/Lt/DOM/M-2149/15 dtd 07/12/2015 | Laterite | 173/7    | Kuruva       | Perinthalmanna | Malappuram | 8.9Ares(22 cents) | 12-07-2015 | 12-06-2016 | 75000  |
| 381 | Muhammed Musthafa S/o Kunhalan Kutti, Chirutha paramban House, Vattallur.P.O. | 381/15-16/Lt/DOM/M-2678/15 dtd 07/12/2015 | Laterite | 3/3, 3/4 | Kuruva       | Perinthalmanna | Malappuram | 19.43 Ares        | 12-07-2015 | 12-06-2016 | 150000 |
| 382 | Ibrahim Pulikkal S/o Muhammed, Pulikkal House, Kadampuzha.                    | 382/15-16/Lt/DOM/M-2764/15 dtd 07/12/2015 | Laterite | 228/2 B  | Melmuri      | Tirur          | Malappuram | 9.71 Ares         | 12-07-2015 | 12-06-2016 | 75000  |

|     |  |   |          |                 |               |                |            |            |            |            |        |
|-----|--|---|----------|-----------------|---------------|----------------|------------|------------|------------|------------|--------|
| 383 | Moosa.C.K., S/o Muhammed, Kannadi Kuzhiyil House, Vazhayoor.           | 383/15-16/Lt/DOM/M-2556/15 dtd 07/12/2015 | Laterite | 65/5            | Vazhayoor     | Kondotty       | Malappuram | 9.70 Ares  | 12-07-2015 | 12-06-2016 | 75000  |
| 384 | Ratheesh.K.P. S/o Velayudhan, Kolippara House, Kadampuzha.             | 384/15-16/Lt/DOM/M-2765/15 dtd 07/12/2015 | Laterite | 99/5            | Ponmala       | Tirur          | Malappuram | 9.71 Ares  | 12-07-2015 | 12-06-2016 | 75000  |
| 385 | Muhammed Ashraf.C.P., S/o Moideen, Chakkiparamban House, Chattiparamb. | 385/15-16/Lt/DOM/M-2333/15 dtd 07/12/2015 | Laterite | 108/1 A         | Kodur         | Perinthalmanna | Malappuram | 9.71 Ares  | 12-07-2015 | 12-06-2016 | 75000  |
| 386 | Abdul Latheer W/o Mammadeesa Haji, Neerangattu House, Pallikkal.       | 386/15-16/Lt/DOM/M-2697/15 dtd 07/12/2015 | Laterite | 636/11,13,14,10 | Vallikunnu    | Thirurangadi   | Malappuram | 9.71 Ares  | 12-07-2015 | 12-06-2016 | 75000  |
| 387 | Sainudheen S/o Koyakutti Ponneth House Cheror P.O                      | 387/15-16/Lt/DOM/M-2380/15 dtd 07/12/2015 | Laterite | 152/1           | Kannamangalam | Thirurangadi   | Malappuram | 19.42 Ares | 12-09-2015 | 12-08-2016 | 150000 |
| 388 | Balan S/o Kottan, Akkarammal House, Kuzhimanna.                        | 388/15-16/Lt/DOM/M-2557/15 dtd 09/12/2015 | Laterite | 134             | Kodur         | Perinthalmanna | Malappuram | 19.43 Ares | 12-09-2015 | 12-08-2016 | 150000 |
| 389 | Haneefa.P.K.S/o Alavikutty, Puttekkadan House, Peruvallur.             | 389/15-16/Lt/DOM/M-2948/15 dtd 09/12/2015 | Laterite | 418/3           | Kannamangalam | Thirurangadi   | Malappuram | 6.81 Ares  | 12-09-2015 | 12-08-2016 | 75000  |
| 390 | Sakeeb Pullanippuram S/o Hamza, Pullanippuram, Marakkara.              | 390/15-16/Lt/DOM/M-2378/15 dtd 09/12/2015 | Laterite | Bl.88, 104/1    | Kuruva        | Perinthalmanna | Malappuram | 21 Cents   | 12-09-2015 | 12-08-2016 | 75000  |
| 391 | Saravanam, S/o Sankaran, Kunnekatt House, Pariyapuram.                 | 391/15-16/Lt/DOM/M-2772/15 dtd 09/12/2015 | Laterite | 251/9           | Kuruva        | Perinthalmanna | Malappuram | 9.60 Cents | 12-09-2015 | 12-08-2016 | 75000  |
| 392 | Shamsuddin S/o saidalavi, Madathil Parambil House, Chemrakkattur.      | 392/15-16/Lt/DOM/M-2992/15 dtd 11/12/2015 | Laterite | 98/1/1          | Edavanna      | Ernad          | Malappuram | 8.86 Ares  | 12-11-2015 | 12-10-2016 | 75000  |
| 393 | P.Shihabuddin S/o Kunhu Muhammed, Pulath House, Vaniyambalam.          | 393/15-16/Lt/DOM/M-2828/15 dtd 11/12/2015 | Laterite | 285/2           | Wandoor       | Nilambur       | Malappuram | 9.71 Ares  | 12-11-2015 | 12-10-2016 | 75000  |

|     |  |   |          |              |               |                |            |            |            |            |        |
|-----|--|---|----------|--------------|---------------|----------------|------------|------------|------------|------------|--------|
| 394 | Sulfikkar Ali.P.P.S/o Hussain Puthen Peedika House, Anchachavidi.P.O.                    | 394/15-16/Lt/DOM/M-2827/15 dtd 11/12/2015 | Laterite | 225/3        | Wandoor       | Nilambur       | Malappuram | 9.71 Ares  | 12-11-2015 | 12-10-2016 | 75000  |
| 395 | Jamal, S/o Moideen, Vakkayil House, Vadakkumpuram.                                       | 395/15-16/Lt/DOM/M-2128/15 dtd 11/12/2015 | Laterite | 213/3        | Moorkkanad    | Perinthalmanna | Malappuram | 19.42 Ares | 12-11-2015 | 12-10-2016 | 150000 |
| 396 | Manoj.P.S/o Subramanyan, Pallath House, Kadampuzha.                                      | 396/15-16/Lt/DOM/M-2160/15 dtd 11/12/2015 | Laterite | 428          | Edayur        | Tirur          | Malappuram | 9.71 Ares  | 12-11-2015 | 12-10-2016 | 75000  |
| 397 | Abdul Basith S/o Abdul Rasak, Pulliyil Madasseri House, Melmuri.P.O.                     | 397/15-16/Lt/DOM/M-2607/15 dtd 15/12/2015 | Laterite | 1558 (Bl.Q8) | Melmuri       | Ernad          | Malappuram | 9.74 Ares  | 15/12/2015 | 14/12/2016 | 75000  |
| 398 | Abdul Jaleel.M. S/o Muhammed, Mecheri House, Chembrasserri.                              | 398/15-16/Lt/DOM/M-2766/15 dtd 15/12/2015 | Laterite | 2826/7       | Poroor        | Nilambur       | Malappuram | 9.72 Ares  | 15/12/2015 | 14/12/2016 | 75000  |
| 399 | Aabdussalam Manakkadavan S/o Saidalavi, Pattayil House, Pallikkal.P.O.                   | 399/15-16/Lt/DOM/M-3044/15 dtd 15/12/2015 | Laterite | 214/4        | Pulikkal      | Kondotty       | Malappuram | 17 Cents   | 15/12/2015 | 14/12/2016 | 75000  |
| 400 | Murugan S/o Thirumalai, Mothakkal House, P.O.Pang Chandi.                                | 400/15-16/Lt/DOM/M-2842/15 dtd 16/12/2015 | Laterite | 11/3 B       | Koottilangadi | Perinthalmanna | Malappuram | 16 Cents   | 16/12/2015 | 15/12/2016 | 75000  |
| 401 | Shihabuddin, S/o Aalavi, Poozhithara House, Pang South.                                  | 401/15-16/Lt/DOM/M-2379/15 dtd 16/12/2015 | Laterite | 120/A 1      | Puzhakkattiri | Perinthalmanna | Malappuram | 19.35 Ares | 16/12/2015 | 15/12/2016 | 150000 |
| 402 | Haneefa.A.S/o Eantheen, Angadan House, Venniyoor.  | 402/15-16/Lt/DOM/M-2760/15 dtd 18/12/2015 | Laterite | 87           | Marakkara     | Tirur          | Malappuram | 21 Cents   | 18/12/2015 | 17/12/2016 | 75000  |
| 403 | Kunhimammed, S/o Mammatty, Chenadan Chalu Veettil House, Karekkad.                       | 403/15-16/Lt/DOM/M-2600/15 dtd 18/12/2015 | Laterite | 157/1        | Kuruva        | Perinthalmanna | Malappuram | 9.71 Ares  | 18/12/2015 | 17/12/2016 | 75000  |
| 404 | Muhammed Abdul Liyakkath S/o Chekku Haji, Koorimannil Kaikkunnummal House, Kadambod.P.O. | 404/15-16/Lt/DOM/M-2947/15 dtd 18/12/2015 | Laterite | 83/2         | Pandallur     | Ernad          | Malappuram | 9.72 Ares  | 18/12/2015 | 17/12/2016 | 75000  |

|     |   |   |          |             |              |                |            |            |            |            |        |
|-----|---|---|----------|-------------|--------------|----------------|------------|------------|------------|------------|--------|
| 405 | Rajeev.E.R., S/o Ramdas, Eriyad House, Iringallur                   | 405/15-16/Lt/DOM/M-2952/15 dtd 18/12/2015 | Laterite | 450/2       | Ponmala      | Tirur          | Malappuram | 9.71 Ares  | 18/12/2015 | 17/12/2016 | 75000  |
| 406 | Ismail, Annachampalli House, Thalakkadathur.P.O., Tirur             | 406/15-16/Lt/DOM/M-2329/15 dtd 18/12/2015 | Laterite | 210/1       | Melmuri      | Tirur          | Malappuram | 9.71 Ares  | 18/12/2015 | 17/12/2016 | 75000  |
| 407 | Aajaykumar.K.V.S/o Vasu, Kaippada Malayil House, Parambil Peedika.  | 407/15-16/Lt/DOM/M-2875/15 dtd 18/12/2015 | Laterite | 315/1       | Peruvallur   | Thirurangadi   | Malappuram | 315/1      | 18/12/2015 | 17/12/2016 | 150000 |
| 408 | Muhammedkutty, Veshnampara House, Edayur.P.O.                       | 408/15-16/Lt/DOM/M-2446/15 dtd 18/12/2015 | Laterite | 251/9       | Kuruva       | Perinthalmanna | Malappuram | 9.72 Ares  | 21/12/2015 | 20/12/2016 | 75000  |
| 409 | Hussain.M. S/o Muhammed Haji, Mulanhipulan House, Indianoor.        | 409/15-16/Lt/DOM/M-2770/15 dtd 21/12/2015 | Laterite | 325/7       | Kottakkal    | Tirur          | Malappuram | 14.5 Cents | 21/12/2015 | 20/12/2016 | 75000  |
| 410 | Abdullakutty.M.P., S/o Muhammed, Machingapurayi House, Cheruvayoor. | 410/15-16/Lt/DOM/M-2677/15 dtd 21/12/2015 | Laterite | 67          | Vazhakkad    | Kondotty       | Malappuram | 9.71 Ares  | 21/12/2015 | 20/12/2016 | 75000  |
| 411 | Noushad.N. S/o Hassan Koya, Nharal House, Cheekod.                  | 411/15-16/Lt/DOM/M-1470/15 dtd 21/12/2015 | Laterite | Bl.27- 72/2 | Urangattiri  | Ernad          | Malappuram | 9.72 Ares  | 21/12/2015 | 20/12/2016 | 75000  |
| 412 | Abdullakutti S/o Mammad, Paliyamkunnath House, Kadambod.            | 412/15-16/Lt/DOM/M-2375/15 dtd 23/12/2015 | Laterite | 566/ 1 B    | Payyanad     | Ernad          | Malappuram | 24 Cents   | 23/12/2015 | 22/12/2016 | 75000  |
| 413 | K.Shamsuddin S/o Muhammed Haji, Kunnath House, Edayur North.        | 413/15-16/Lt/DOM/M-3046/15 dtd 23/12/2015 | Laterite | 240 A       | Moorkkanad   | Perinthalmanna | Malappuram | 24 Cents   | 23/12/2015 | 22/12/2016 | 75000  |
| 414 | Shihab.K.S/o Muhammed, Kundil House, Kadampuzha.                    | 414/15-16/Lt/DOM/M-3045/15 dtd 23/12/2015 | Laterite | 396/2       | Edayur       | Tirur          | Malappuram | 24 Cents   | 23/12/2015 | 22/12/2016 | 75000  |
| 415 | K.P.Velayudhan S/o Kotha, Kallingal Parambil House, Valancheri.     | 415/15-16/Lt/DOM/M-3106/15 dtd 23/12/2015 | Laterite | 1/1 A       | Pulamanthole | Perinthalmanna | Malappuram | 24 Cents   | 23/12/2015 | 22/12/2016 | 75000  |



|     |   |   |          |         |               |                |            |            |            |            |        |
|-----|---|---|----------|---------|---------------|----------------|------------|------------|------------|------------|--------|
| 416 | Muhammed Basheer S/o Kammukutti, Cholley House, Pulikkal.P.O.                       | 416/15-16/Lt/DOM/M-2159/15 dtd 28/12/2015 | Laterite | 205/1   | Pallikkal     | Kondotty       | Malappuram | 7.28 Ares  | 28/12/2015 | 27/12/2016 | 75000  |
| 417 | K.P.Sreedharan, S/o Velukutti, Sree Nilayam, Pulikkal.P.O.                          | 417/15-16/Lt/DOM/M-3124/15 dtd 28/12/2015 | Laterite | 320/10  | Cheekod       | Kondotty       | Malappuram | 48 Cents   | 28/12/2015 | 27/12/2016 | 150000 |
| 418 | Abdurahim, S/o Muhayuddin, Pazhayedathil House, Cheruvayoor.                        | 418/15-16/Lt/DOM/M-2696/15 dtd 28/12/2015 | Laterite | 243/3   | Pulikkal      | Kondotty       | Malappuram | 9.72 Ares  | 28/12/2015 | 27/12/2016 | 75000  |
| 419 | Abdul Hameed S/o Alavi, Puthalath House, Olakara.                                   | 419/15-16/Lt/DOM/M-3222/15 dtd 30/12/2015 | Laterite | 152/1   | Kannamangalam | Thirurangadi   | Malappuram | 9.72 Ares  | 30/12/2015 | 29/12/2016 | 75000  |
| 420 | Jamshan Abdunafi.TT.D/o Muhammed Haneefa, Thacheeri Padikkal Thazhath, Cheroor.P.O. | 420/15-16/Lt/DOM/M-3102/15 dtd 30/12/2015 | Laterite | 152/1   | Kannamangalam | Thirurangadi   | Malappuram | 24 Cents   | 30/12/2015 | 29/12/2016 | 75000  |
| 421 | Thomas, S/o Yohannan, Alancheri House, Palachuvad.P.O.                              | 421/15-16/Lt/DOM/M-2776/15 dtd 30/12/2015 | Laterite | 7/ 5    | Moorkkanad    | Perinthalmanna | Malappuram | 24 Cents   | 30/12/2015 | 29/12/2016 | 75000  |
| 422 | M.Sivadasan, S/o Karunakaran, Mattayil House, Kurumbathur.                          | 422/15-16/Lt/DOM/M-3178/15 dtd 30/12/2015 | Laterite | 288     | Kurumbathur   | Tirur          | Malappuram | 9.71 Ares  | 30/12/2015 | 29/12/2016 | 75000  |
| 423 | Muhammeekutti.V.C.S/o Aboobacker, Parakkat House, Ullanam.P.O.                      | 423/15-16/Lt/DOM/M-3239/15 dtd 1/1/2016   | Laterite | 208     | Kannamangalam | Thirurangadi   | Malappuram | 19.42 Ares | 01-01-2016 | 31/12/2017 | 150000 |
| 424 | Sameer.T., S/o Moyin, Thondiyil House, Kappil.P.O.                                  | 424/15-16/Lt/DOM/M-3104/15 dtd 1/1/2016   | Laterite | 124/1   | Mampad        | Nilambur       | Malappuram | 9.72 Ares  | 01-01-2016 | 31/12/2017 | 75000  |
| 425 | Gangadharan S/o Rarichankutti, Malayil House, Kannenkara.                           | 425/15-16/Lt/DOM/M-2640/15 dtd 6/1/2016   | Laterite | 6/ 1 pt | Vettilappara  | Ernad          | Malappuram | 9.71 Ares  | 01-06-2016 | 01-05-2017 | 75000  |
| 426 | Rinesh.P.K. S/o Ramachandran, Puthukulangara, Kodur.P.O.                            | 426/15-16/Lt/DOM/M-3130/15 dtd 11/1/2016  | Laterite | 99/1    | Ponmala       | Tirur          | Malappuram | 9.2 Ares   | 01-11-2016 | 01-10-2017 | 75000  |



|     |   |  |          |             |               |                |            |           |            |            |       |
|-----|---|--|----------|-------------|---------------|----------------|------------|-----------|------------|------------|-------|
| 427 | Balakrishnan S/o Kunhiperunthan, Vellangara House, Kannamangalam. | 427/15-16/Lt/DOM/M-2580/15 dtd 11/1/2016 | Laterite | 199/2       | Kannamangalam | Thirurangadi   | Malappuram | 24 Cents  | 01-11-2016 | 01-10-2017 | 75000 |
| 428 | Ayoob S/o Avarankutti, Thangal Parambil House, Thavanoor.         | 428/15-16/Lt/DOM/M-1807/15 dtd 11/1/2016 | Laterite | 60          | Edayur        | Tirur          | Malappuram | 9.71 Ares | 01-11-2016 | 01-10-2017 | 75000 |
| 429 | Pugalenthi.R. S/o Rathinam, Kariaparambath House, Kadampuzha.     | 429/15-16/Lt/DOM/M-3129/15 dtd 11/1/2016 | Laterite | 326/2       | Ponmala       | Tirur          | Malappuram | 9.6 Ares  | 01-11-2016 | 01-10-2017 | 75000 |
| 430 | Siddique Kalodi, S/o Kunhippu, Kalodi House, Karipol.             | 430/15-16/Lt/DOM/M-3128/15 dtd 11/1/2016 | Laterite | 34/4 A      | Kattiparuthi  | Tirur          | Malappuram | 9.9 Ares  | 01-11-2016 | 01-10-2017 | 75000 |
| 431 | Noushad, S/o Muhammed Kutti, Kottampara Chakkingal House, Edayur. | 431/15-16/Lt/DOM/M-1808/15 dtd 11/1/2016 | Laterite | 60          | Edayur        | Tirur          | Malappuram | 9.71 Ares | 01-11-2016 | 01-10-2017 | 75000 |
| 432 | Shamsuddin.P.P.S/o Abdulla, Pathodi Parasser House, Vilayil.P.O.  | 432/15-16/Lt/DOM/M-3246/15 dtd 13/1/2016 | Laterite | 175/2       | Keezhuparamb  | Ernad          | Malappuram | 24 Cents  | 13/1/2016  | 01-12-2017 | 75000 |
| 433 | Rasheed Thaikkadan, Thaikkadan House, Kottakkal.                  | 433/15-16/Lt/DOM/M-3173/15 dtd 13/1/2016 | Laterite | 32/1/1      | Kottakkal     | Tirur          | Malappuram | 9.45 Ares | 13/1/2016  | 01-12-2017 | 75000 |
| 434 | #NAME?  |  |          |             |               |                |            |           |            |            |       |
| 435 | K.Muhammadali, S/o Mayin Haji, Karimungal House, Mongam.          | 435/15-16/Lt/DOM/M-1816/15 dtd 15/1/2016 | Laterite | B.46 - 14/6 | Pandallur     | Ernad          | Malappuram | 9.71 Ares | 15/1/2016  | 14/1/2017  | 75000 |
| 436 | V.T.Moideenkutty S/o Muhammed, Vellamkunnan Thanikkal, Pulpatta.  | 436/15-16/Lt/DOM/M-2545/15 dtd 18/1/2016 | Laterite | 51/7        | Vadakkangara  | Perinthalmanna | Malappuram | 9.71 Ares | 18/1/2016  | 17/1/2017  | 75000 |
| 437 | Firozkhan S/o Moideen, Mulanhipulakkal House, Indianoor.          | 437/15-16/Lt/DOM/M-3276/15 dtd 18/1/2016 | Laterite | 210/1, 2    | Kottakkal     | Tirur          | Malappuram | 9.39 Ares | 18/1/2016  | 17/1/2017  | 75000 |

|     |   |  |          |          |               |                |            |            |            |            |        |
|-----|---|--|----------|----------|---------------|----------------|------------|------------|------------|------------|--------|
| 438 | Muhammed Shafi, S/o Kunheethu, Mullappalli House, Koottilangadai. | 438/15-16/Lt/DOM/M-87/15 dtd 18/1/2016   | Laterite | 138/1    | Koottilangadi | Perinthalmanna | Malappuram | 9.71 Ares  | 18/1/2016  | 17/1/2017  | 75000  |
| 439 | P.T.Anilkumar, Parammalthodi House, Vadakkunpuram                 | 439/15-16/Lt/DOM/M-3242/15 dtd 20/1/2016 | Laterite | 380/1 C  | Kuttiapuram   | Tirur          | Malappuram | 9.71 Ares  | 20/1/2016  | 19/1/2017  | 75000  |
| 440 | Manikandan, S/o Shanmuan, Manjagatt House, Eruvakkod.             | 440/15-16/Lt/DOM/M-3241/15 dtd 20/1/2016 | Laterite | 380/1 C  | Kuttiapuram   | Tirur          | Malappuram | 9.71 Ares  | 20/1/2016  | 19/1/2017  | 75000  |
| 441 | Abdul Jaleel, Palliyil Peediyekkal House, P.O.Melmuri.            | 441/15-16/Lt/DOM/M-3018/15 dtd 20/1/2016 | Laterite | 395      | Pookottur     | Ernad          | Malappuram | 48 Cents   | 20/1/2016  | 19/1/2017  | 150000 |
| 442 | Moideenkuty, Maliyekkal House, S/o Kunhikammu, Edayur.P.O.        | 442/15-16/Lt/DOM/M-3084/15 dtd 22/1/2016 | Laterite | 296/1    | Irimbilyam    | Tirur          | Malappuram | 9.71 Ares  | 22/1/2016  | 21/01/2017 | 75000  |
| 443 | Kunhimammed S/o Abdu, Thulunadan House, Kurumbathoor.             | 443/15-16/Lt/DOM/M-92/16 dtd 27/1/2016   | Laterite | 292/2 B  | Irimbilyam    | Tirur          | Malappuram | 9.71 Ares  | 27/1/2016  | 26/1/2017  | 75000  |
| 444 | Faris.K.M., S/o Aboobacker, Kiliyamannil House, Pang South.P.O.   | 444/15-16/Lt/DOM/M-175/16 dtd 27/1/2016  | Laterite | 251/17 B | Kuruva        | Perinthalmanna | Malappuram | 19.42 Ares | 27/1/2016  | 26/1/2017  | 150000 |
| 445 | Sharafuddeen S/o Alavikutti, Achayithodi House, Puzhakattiri.     | 445/15-16/Lt/DOM/M-18/16 dtd 27/1/2016   | Laterite | 18       | Koottilangadi | Perinthalmanna | Malappuram | 18         | 27/1/2016  | 26/1/2017  | 75000  |
| 446 | Muhammed Shafi, S/o Saidalavi, Nechiyan House, Olamathil.P.O.     | 446/15-16/Lt/DOM/M-3243/16 dtd 27/1/2016 | Laterite | 264      | Payyanad      | Ernad          | Malappuram | 24 Cents   | 27/1/2016  | 26/1/2017  | 75000  |
| 447 | Noushad.P.K. S/o Aboobacker, Pattarkadavan House, P.O.Kodur.      | 447/15-16/Lt/DOM/M-2771/16 dtd 29/1/2016 | Laterite | 458/ 6 B | Kuruva        | Perinthalmanna | Malappuram | 9.71 Ares  | 29/1/2016  | 28/1/2017  | 75000  |
| 448 | Achuthan Nair Ambalakkatt House Edayur North P.o                  | 448/15-16/Lt/DOM/M-26/16 dtd 01/02/2016  | Laterite | 43/      | Pathaikkara   | Perinthalmanna | Malappuram | 24 Cents   | 02-01-2016 | 31/1/2017  | 75000  |

|     |   |   |          |              |               |                |            |            |            |            |        |
|-----|---|---|----------|--------------|---------------|----------------|------------|------------|------------|------------|--------|
| 449 | Abdul Basheer S/o Alavikutty, Machingal House, Pulpatta.                    | 449/15-16/Lt/DOM/M-2775/15 dtd 03/02/2016 | Laterite | 7/5          | Moorkkanad    | Perinthalmanna | Malappuram | 25 Cents   | 02-03-2016 | 02-02-2017 | 75000  |
| 450 | Hussain Thaikkadan S/o Aboobacker Haji, Thaikkadan House, Indianoor.P.O.    | 450/15-16/Lt/DOM/M-42/16 dtd 03/02/2016   | Laterite | Bl.42- 89/1  | Ponmala       | Tirur          | Malappuram | 9.61 Ares  | 02-03-2016 | 02-02-2017 | 75000  |
| 451 | Mahesh S/o Sivasankaran, Vattakandathil House, Pullancheri.                 | 451/15-16/Lt/DOM/M-195/16 dtd 03/02/2016  | Laterite | 112/1        | Manjeri       | Ernad          | Malappuram | 24 Cents   | 02-03-2016 | 02-02-2017 | 75000  |
| 452 | Abdul Latheef, Mankulangara House, Melmuri.                                 | 452/15-16/Lt/DOM/M-261/16 dtd 03/02/2016  | Laterite | Bl.14 - 64/3 | Muthuvalloor  | Kondotty       | Malappuram | 19.48 Ares | 02-03-2016 | 02-02-2017 | 150000 |
| 453 | Mattummal Sharafuddin, S/o Kunheethu, Mattummal House, Randathani.          | 453/15-16/Lt/DOM/M-88/16 dtd 03/02/2016   | Laterite | 283          | Kottakkal     | Tirur          | Malappuram | 9.60 Ares  | 02-03-2016 | 02-02-2017 | 75000  |
| 454 | Ashraf Unni S/o Kutti Hassan, Puthan Peediyekkal House, Kadampuzha.         | 454/15-16/Lt/DOM/M-159/16 dtd 05/02/2016  | Laterite | 180          | Melmuri       | Tirur          | Malappuram | 24 Cents   | 02-05-2016 | 02-04-2017 | 75000  |
| 455 | Faisal .P.N.S/o Moosa, Palempadiyan Nedumkalathil House, Koottilangadi.     | 455/15-16/Lt/DOM/M-208/16 dtd 08/02/2016  | Laterite | 138/1        | Kottilangadi  | Perinthalmanna | Malappuram | 48 Cents   | 02-08-2016 | 02-07-2017 | 150000 |
| 456 | Majeed S/o Kunhimammed, Kambran House, Kuttoor.P.O.                         | 456/15-16/Lt/DOM/M-128/16 dtd 08/02/2016  | Laterite | 45           | Kannamangalam | Thirurangadi   | Malappuram | 24 Cents   | 02-08-2016 | 02-07-2017 | 75000  |
| 457 | Abdullakutti S/o Kunhalassan Haji, Pullatt House, Kannamangalam.P.O.        | 457/15-16/Lt/DOM/M-91/16 dtd.08/02/2016   | Laterite | 154/1 A      | Kannamangalam | Thirurangadi   | Malappuram | 48 Cents   | 02-08-2016 | 02-07-2017 | 150000 |
| 458 | Siddique S/o Saidutty, Therolo Pottammal House, Pantheeramkav, Calicut - 19 | 458/15-16/Lt/DOM/M-126/16 dtd.08/02/2016  | Laterite | 469/5, 14    | Vazhakkad     | Kondotty       | Malappuram | 24 Cents   | 02-08-2016 | 02-07-2017 | 75000  |
| 459 | Shaji, S/o Ayyappunni, Punathil House, Kodakkad.                            | 459/15-16/Lt/DOM/M-308/16 dtd.08/02/2016  | Laterite | 165          | Kannamangalam | Thirurangadi   | Malappuram | 24 Cents   | 02-08-2016 | 02-07-2017 | 75000  |

|     |  |   |          |          |               |                |            |            |            |            |        |
|-----|--|---|----------|----------|---------------|----------------|------------|------------|------------|------------|--------|
| 460 | Sarafuddin.M.S/o Muhammed Kutti, Mulanhipulakkal House, P.O.Indianoor. | 460/15-16/Lt/ DOM/M-3275/15 dtd.10/02/2016  | Laterite | 105/1 A  | Kuruva        | Perinthalmanna | Malappuram | 24 Cents   | 02-10-2016 | 02-09-2017 | 75000  |
| 461 | Aboobacker.C.S/o Moideenkutty, Chullila Valappil House, Kadancheeri.   | 461/15-16/Lt/ DOM/M-2284/15 dtd.10/02/2016  | Laterite | 415/2    | Thavanur      | Ponnani        | Malappuram | 24 Cents   | 02-10-2016 | 02-09-2017 | 75000  |
| 462 | Moideenkoya S/o Ali, Karattapurayil House, P.O.Pallikkal.              | 462/15-16/Lt/ DOM/M-324/16 dtd.10/02/2016   | Laterite | 208      | Kannamangalam | Thirurangadi   | Malappuram | 19.42 Ares | 02-10-2016 | 02-09-2017 | 150000 |
| 463 | Nasheed Ameen S/o Abdul Azeez, Palakkan House, Melmuri.                | 463/15-16/Lt/ DOM/M-428/16 dtd.17/02/2016   | Laterite | 143/3, 6 | Ponmala       | Tirur          | Malappuram | 24 Cents   | 17/2/2016  | 16/2/2017  | 75000  |
| 464 | N.Abdulla S/o Ahammed Haji, Nambikunnnan House, Mariyad.               | 464/15-16/Lt/ DOM/M-427/16 dtd.17/02/2016   | Laterite | 143/3, 6 | Ponmala       | Tirur          | Malappuram | 9.71 Ares  | 17/2/2016  | 16/2/2017  | 75000  |
| 465 | Abdul Majeed .N., Nechikattil House, Indianoor.                        | 465/15-16/Lt/ DOM/M-212/16 dtd.19/02/2016   | Laterite | 45/4 A   | Melmuri       | Tirur          | Malappuram | 24 cents   | 19/2/2016  | 18/2/2017  | 75000  |
| 466 | K.Bhavada, S/o Parameswaran Namboodiri, PNK Mana, Sukapuram.           | 466/15-16/Lt/ DOM/M-3235/15 dtd.19/02/2016  | Laterite | 70/2     | Vattamkulam   | Ponnani        | Malappuram | 24 Cents   | 19/2/2016  | 18/2/2017  | 75000  |
| 467 | Abdul Hakkim S/o Muhammed Haji, Ennakkad House, Pulpatta.              | 467/15-16/Lt/ DOM/M-266/16 dtd.19/02/2016   | Laterite | 243/pt   | Pulpatta      | Ernad          | Malappuram | 24 Cents   | 19/2/2016  | 18/2/2017  | 75000  |
| 468 | Balakrishnan S/o Velayudhan, Kariadathukunnu, Pallikkal.P.O.           | 468/15-16/Lt/ DOM/M-39 /16 dtd.19/02/2016   | Laterite | 140/9    | Cheekod       | Kondotty       | Malappuram | 19.43 Ares | 19/2/2016  | 18/2/2017  | 150000 |
| 469 | Hameed S/o Hydru, Chalappurath House, Alanallur, Edathanattukara.      | 469/15-16/Lt/ DOM/M-2336 /15 dtd.19/02/2016 | Laterite | 88/5     | Keezhattoor   | Perinthalmanna | Malappuram | 24 Cents   | 19/2/2016  | 18/2/2017  | 75000  |
| 470 | Muhammed Rafeeq Chungath, S/o Marakkara, Chungath, Tirurkad.           | 470/15-16/Lt/ DOM/M-346 /16 dtd.19/02/2016  | Laterite | 74/5     | Vadakkangara  | Perinthalmanna | Malappuram | 9.71 Ares  | 19/2/2016  | 18/2/2017  | 75000  |
| 471 | Abbas Ali.K. S/o Eantheen Haji, Kanakkayil House, Chengottur.P.O.      | 471/15-16/Lt/ DOM/M-258 /16 dtd.19/02/2016  | Laterite | 66/ 1    | Puzhakattiri  | Perinthalmanna | Malappuram | 48 Cents   | 19/2/2016  | 18/2/2017  | 150000 |

|     |  |  |          |              |               |                |            |            |            |            |        |
|-----|--|--|----------|--------------|---------------|----------------|------------|------------|------------|------------|--------|
| 472 | Abbas Ali.K. S/o Eantheen Haji, Kanakkayil House, Chengottur.P.O.    | 472/15-16/Lt/ DOM/M-284 /16 dtd.19/02/2016   | Laterite | 240/A        | Moorkkanad    | Perinthalmanna | Malappuram | 9.71 Ares  | 19/2/2016  | 18/2/2017  | 75000  |
| 473 | Muneer.V.S/o Hamza, Varikkodan House, Kodur.                         | 473/15-16/Lt/ DOM/M-2524 /15 dtd.19/02/2016  | Laterite | 413/3        | Ponmala       | Tirur          | Malappuram | 9.71 Ares  | 19/2/2016  | 18/2/2017  | 75000  |
| 474 | Shihabuddin.M.S/o Moideen, Pudevalli House, Karekkad.                | 474/15-16/Lt/ DOM/M-8 /16 dtd.19/02/2016     | Laterite | 413/3        | Ponmala       | Tirur          | Malappuram | 9.55 Ares  | 19/2/2016  | 18/2/2017  | 75000  |
| 475 | Usmankutti, S/o Alavikutti, Thanikkal House, Kadampuzha.             | 475/15-16/Lt/ DOM/M-2527 /15 dtd.22/02/2016  | Laterite | 64/1         | Pulamanhole   | Perinthalmanna | Malappuram | 48 cents   | 22/2/2016  | 21/2/2017  | 150000 |
| 476 | Siddique.K.S/o Muhammed Kutti, Kambran Hose, Kottakkal.              | 476/15-16/Lt/ DOM/M- 158 /16 dtd.22/02/2016  | Laterite | 178/4        | Ponmala       | Tirur          | Malappuram | 24 cents   | 22/2/2016  | 21/2/2017  | 75000  |
| 477 | BeeranSs/o Muhammed Haji, Thoombath House, Edarikkod.                | 477/15-16/Lt/ DOM/M- 2762 /15 dtd.22/02/2016 | Laterite | 394/9        | Kottakkal     | Tirur          | Malappuram | 9.54 Cents | 22/2/2016  | 21/2/2017  | 75000  |
| 478 | Moideen S/o Pocker Haji, Kuzhikkattu Cholakkal House, Peruvallur.    | 478/15-16/Lt/ DOM/M- 40 /16 dtd.24/02/2016   | Laterite | 374/2        | Peruvallur    | Thirurangadi   | Malappuram | 21 cents   | 24/2/2016  | 23/2/2017  | 75000  |
| 479 | Haridasan Pallikkara S/o Imbichi Pallikkara House Parambil Peedika   | 479/15-16/Lt/ DOM/M- 129 /16 dtd.24/02/2016  | Laterite | 154/2 A, 2 B | Kannamangalam | Thirurangadi   | Malappuram | 48 Cents   | 24/2/2016  | 23/2/2017  | 150000 |
| 480 | Saleem.K.P. S/o Ali, Kallee Parambil House, Kunnapalli.              | 480/15-16/Lt/ DOM/M- 194 /16 dtd.24/02/2016  | Laterite | 221          | Pathaikkara   | Perinthalmanna | Malappuram | 24 Cents   | 24/2/2016  | 23/2/2017  | 75000  |
| 481 | Mammu M S/o Kunhimammed Machincheri House Edayur North P.O           | 481/15-16/Lt/ DOM/M- 3085 /15 dtd.26/02/2016 | Laterite | 109          | Edayur        | Tirur          | Malappuram | 24 Cents   | 26/2/2016  | 25/2/2017  | 75000  |
| 482 | Usmankutti, S/o Alavikutti, Thanikkal House, Kadampuzha.             | 482/15-16/Lt/ DOM/M- 3236/15 dtd.2/3/2016    | Laterite | 232/2        | Melmuri       | Tirur          | Malappuram | 40.5 Cents | 03-02-2016 | 03-01-2017 | 150000 |
| 483 | Abdul Kareee S/o Rayinkutti, Ambalikulambad House, Puthoor Pallkkal. | 483/15-16/Lt/ DOM/M- 513/16 dtd.2/3/2016     | Laterite | 188/4        | Kannamangalam | Thirurangadi   | Malappuram | 9.72 Cents | 03-02-2016 | 03-01-2017 | 75000  |

|     |   |  |          |         |               |                |            |           |            |            |       |
|-----|---|--|----------|---------|---------------|----------------|------------|-----------|------------|------------|-------|
| 484 | P.Musthafa S/o Abdul Khader, Puthukulangarappadi, Mannur.         | 484/15-16/Lt/DOM/M- 426/16 dtd.2/3/2016    | Laterite | 50/2    | Kannamangalam | Thirurangadi   | Malappuram | 24 Cents  | 03-02-2016 | 03-01-2017 | 75000 |
| 485 | Abu Thahir S/o Kunhali kutty Pandikkadavath House Oorakam Melmuri | 485/15-16/Lt/DOM/M-387/16 dtd.2/3/2016     | Laterite | 47/5    | Koottilangadi | Perinthalmanna | Malappuram | 9.63 Ares | 03-02-2016 | 03-01-2017 | 75000 |
| 486 | Muhammed Yasin S/o sainudheen, Thalappil House, Pang Chandi.      | 486/15-16/Lt/DOM/M-113/16 dtd.2/3/2016     | Laterite | 157/7   | Kuruva        | Perinthalmanna | Malappuram | 24 Cents  | 03-02-2016 | 03-01-2017 | 75000 |
| 487 | Ayoob.P.T.S/o Avaran, Pattammarthodi House, Irimbiliyam.          | 487/15-16/Lt/DOM/M-347/16 dtd.4/3/2016     | Laterite | 210/1 A | Irimbiliyam   | Tirur          | Malappuram | 9.71 Ares | 03-04-2016 | 03-03-2017 | 75000 |
| 488 | JafarS/o Alavikutti, Paraparambil House, Karekkad.                | 488/15-16/Lt/DOM/M-3078/15 dtd.4/3/2016    | Laterite | 1/      | Edayur        | Tirur          | Malappuram | 9.71 Ares | 03-04-2016 | 03-03-2017 | 75000 |
| 489 | Kamalahassan S/o Bhaskaran, Palamkulangara House, pulikkal.       | 489/15-16/Lt/DOM/M-89/16 dtd.4/3/2016      | Laterite | 243/3   | Pulikkal      | Kondotty       | Malappuram | 9.60 Ares | 03-04-2016 | 03-03-2017 | 75000 |
| 490 | Abdul Hakkim S/o Muhammed Haji, Ennakkad House, Pulpatta.         | 490/15-16/Lt/DOM/M-600/16 dtd.9/3/2016     | Laterite | 249/2   | Morayur       | Kondotty       | Malappuram | 249/2     | 03-09-2016 | 03-08-2017 | 75000 |
| 491 | UmmerS/oAboobacker, Kunnathodi House, Vallikkapatta.              | 491/15-16/Lt/DOM/M-192/16 dtd.9/3/2016     | Laterite | 14/4    | Koottilangadi | Perinthalmanna | Malappuram | 24 Cents  | 03-09-2016 | 03-08-2017 | 75000 |
| 492 | V.Abdul Majeed, S/o Moosa, Valluvambali, Vellayur.                | 492/15-16/Lt/DOM/M-3105/15 dtd.9/3/2016    | Laterite | 100/6   | Pandallur     | Ernad          | Malappuram | 9.72 Ares | 03-09-2016 | 03-08-2017 | 75000 |
| 493 | Shihabuddin S/o Alavi, Poozhithara House, P.O.Pang South          | 493/15-16/Lt/DOM/M-348/16 dtd.11/3/2016    | Laterite | 251/9   | Kuruva        | Perinthalmanna | Malappuram | 9.71 Ares | 03-11-2016 | 03-10-2017 | 75000 |
| 494 | Chandra Babu.M.S/o Nagan, Manarkkal House, Olamathil.P.O.         | 494/15-16/Lt/DOM/M-285/16 dtd.11/3/2016    | Laterite | 243/pt  | Pulpatta      | Ernad          | Malappuram | 24 Cents  | 03-11-2016 | 03-10-2017 | 75000 |
| 495 | Aliyamu Pulattil S/o Kunhimoideen, Pullattil House, Kadampuzha.   | 495/15-16/Lt/DOM/M-210/16 dtd.17/3/2016    | Laterite | 79      | Melmuri       | Tirur          | Malappuram | 8.8 Ares  | 17/3/2016  | 16/3/2017  | 75000 |
| 496 | Saifuddin S/o Moideen kutty, Padinhattu parambil , Peruvallur.    | 496/2015-16/Lt/DOM/M-444/16 dtd.18/3/2016. | Laterite | 208     | Kannamangalam | Thirurangadi   | Malappuram | 24 Cents  | 18/3/2016  | 17/3/2017  | 75000 |



|     |   |  |          |          |               |                |            |            |           |           |        |
|-----|---|--|----------|----------|---------------|----------------|------------|------------|-----------|-----------|--------|
| 497 | Faisal Babu S/o Muhammed, Nechikkadan House, Kadambod.                  | 497/2015-16/Lt/DOM/M-563/16<br>dtd.21/3/2016.  | Laterite | 100/5    | Pandallur     | Ernad          | Malappuram | 9.72 Cents | 21/3/2016 | 20/3/2017 | 75000  |
| 498 | Shamsuddeenkutty S/o Koyakutti, Parappurath Palliyali House, Puthukkod. | 498/2015-16/Lt/DOM/M-697/16<br>dtd.21/3/2016.  | Laterite | 351/3    | Vazhayoor     | Kondotty       | Malappuram | 12 Cents   | 21/3/2016 | 20/3/2017 | 75000  |
| 499 | Abdul Gafoor S/o Muhammadali, Illippurath House, Puthukkod.             | 499/2015-16/Lt/DOM/M-698/16<br>dtd.21/3/2016.  | Laterite | 351/2    | Vazhayoor     | Kondotty       | Malappuram | 9.72 Ares  | 21/3/2016 | 20/3/2017 | 75000  |
| 500 | E.Ahammed, Edathatt House, Pallikkal.P.O.                               | 500/2015-16/Lt/DOM/M-695/16<br>dtd.21/3/2016.  | Laterite | 208      | Kannamangalam | Thirurangadi   | Malappuram | 24 Cents   | 21/3/2016 | 20/3/2017 | 75000  |
| 501 | Musthafa.N.S/o Kunhalavi, Nundath House, Chappanangadi.                 | 501/2015-16/Lt/DOM/M-773/16<br>dtd.21/3/2016.  | Laterite | 66/1     | Puzhakattiri  | Perinthalmanna | Malappuram | 24 Cents   | 21/3/2016 | 20/3/2017 | 75000  |
| 502 | Ashraf.M. S/o Koyaa.M., Kozhisserimad, Puthoor Pallikkal.               | 502/2015-16/Lt/DOM/M-695/16<br>dtd.21/3/2016.  | Laterite | 424/16   | Peruvallur    | Thirurangadi   | Malappuram | 5.9 Ares   | 21/3/2016 | 20/3/2017 | 75000  |
| 503 | Muhammed Rafi.K.S/o Ahammed Koya, Chakkumthodika, Pallikkal.P.O.        | 503/2015-16/Lt/DOM/M-666/16<br>dtd.21/3/2016.  | Laterite | 152/ 2 A | Kannamangalam | Thirurangadi   | Malappuram | 19.43 Ares | 21/3/2016 | 20/3/2017 | 150000 |
| 504 | V.K.Chekkutty S/o Kutti Avaran, Vellakkanakath, Karekkad.               | 504/2015-16/Lt/DOM/M-448/15<br>dtd.23/3/2016.  | Laterite | 251/6 B  | Kuruva        | Perinthalmanna | Malappuram | 9.7 Ares   | 23/3/2016 | 22/3/2017 | 75000  |
| 505 | Abdul Noufal.E.K. S/o Veeran, Eriyakkalam House, Pookkottur.            | 505/2015-16/Lt/DOM/M-403/16<br>dtd.23/3/2016.  | Laterite | 35       | Panakkad      | Ernad          | Malappuram | 9.71 Ares  | 23/3/2016 | 22/3/2017 | 75000  |
| 506 | Shaji S/o Karikutty, Puliyodan House, Kumminiparamb.                    | 506/2015-16/Lt/DOM/M-442/15<br>dtd.23/3/2016.  | Laterite | 180/     | Kannamangalam | Thirurangadi   | Malappuram | 19.42 Ares | 23/3/2016 | 22/3/2017 | 150000 |
| 507 | P.Abdul Rasheed S/o Kunhumammed, Parakkadavath House, Kottakkal.        | 507/2015-16/Lt/DOM/M-2084/15<br>dtd.28/3/2016. | Laterite | 166/3    | Irimbiliyam   | Tirur          | Malappuram | 19.40 Ares | 28/3/2016 | 27/3/2017 | 150000 |



|     |  |   |          |           |               |                |            |            |           |           |        |
|-----|--|---|----------|-----------|---------------|----------------|------------|------------|-----------|-----------|--------|
| 508 | John.C.T. S/o Thomas,<br>Chirathodi House,<br>Palankara.P.O.               | 508/2015-<br>16/Lt/DOM/M-<br>776/16<br>dtd.28/3/2016. | Laterite | 65/pt     | Nilambur      | Nilambur       | Malappuram | 9.71 Ares  | 28/3/2016 | 27/3/2017 | 75000  |
| 509 | Shafeeqe Thayyil, Thayyil<br>House, Pazhamallur.                           | 509/2015-<br>16/Lt/DOM/M-<br>344/16<br>dtd.28/3/2016. | Laterite | 135/1     | Kodur         | Perinthalmanna | Malappuram | 9.72 Ares  | 28/3/2016 | 27/3/2017 | 75000  |
| 510 | Chinmayan S/o Chandukutty,<br>Thattalath House,<br>Manasseri.P.O.          | 510/2015-<br>16/Lt/DOM/M-<br>344/16<br>dtd.28/3/2016. | Laterite | 6/ 1      | Vettilapara   | Ernad          | Malappuram | 9.71 Ares  | 28/3/2016 | 27/3/2017 | 75000  |
| 511 | Muhammed N.K.. S/o Hamza,<br>Naikath House, Koottil,<br>Mankada.           | 511/2015-<br>16/Lt/DOM/M-<br>775/16<br>dtd.28/3/2016. | Laterite | 59/1      | Mankada       | Perinthalmanna | Malappuram | 9.71 Ares  | 28/3/2016 | 27/3/2017 | 75000  |
| 512 | Muhammed Rafeeq,<br>Kooliyodan House,<br>Mallampara, Manjeri               | 512/2015-<br>16/Lt/DOM/M-<br>499/16<br>dtd.30/3/2016. | Laterite | 138/1     | Koottilangadi | Perinthalmanna | Malappuram | 9.71 Ares  | 30/3/2016 | 29/3/2017 | 75000  |
| 513 | Suresh Babu.K.P.S/o<br>Arumughan, Velumbilankuzhi<br>House, Cheruvayoor.   | 513/2015-<br>16/Lt/DOM/M-<br>355/16<br>dtd.30/3/2016. | Laterite | 188/3     | Cheekod       | Kondotty       | Malappuram | 9.71 Ares  | 30/3/2016 | 29/3/2017 | 75000  |
| 514 | Abdul Basith S/o Abdul Rasak,<br>Pulliyil Madasseri House,<br>Melmuri.P.O. | 514/2015-<br>16/Lt/DOM/M-<br>694/16<br>dtd.30/3/2016. | Laterite | 155 (Q 8) | Melmuri       | Ernad          | Malappuram | 19.42 Ares | 30/3/2016 | 29/3/2017 | 150000 |
| 515 | Abdul Basith S/o Abdul Rasak,<br>Pulliyil Madasseri House,<br>Melmuri.P.O. | 515/2015-<br>16/Lt/DOM/M-<br>696/16<br>dtd.30/3/2016. | Laterite | 1558/2    | Melmuri       | Ernad          | Malappuram | 9.74 Ares  | 30/3/2016 | 29/3/2017 | 75000  |

**Table 2e: List of Registered Metal Crusher Units - RMCU**

| Sl no | Concession holder's name and address   | Concession no.                     | Mineral                | Survey no              | Village       | Thaluk         | No.of secondary crushers | Valid from | Valid to   | Consolidated royalty(Rs) | Lease number(s)   |
|-------|--|------------------------------------|------------------------|------------------------|---------------|----------------|--------------------------|------------|------------|--------------------------|---|
| 1     | M/s Poabson Granites Products p(Ltd),Thelakkad(po),Perinthalmanna,Malappuram                           | 85/2015-16/RMCU/MLMP/3366/M3/2015  | Granite Building Stone | 59/2                   | Kariavattom   | Perinthalmanna | 4                        | 30/03/2015 | 31/03/2016 | 12,00,000                | 1)No.575/2002-03/710/M3/03 dtd 14/2/03,(2)No.576/2002-03/711/M3/03 dtd 14/2/03,(3)No.65/2007-08/2310/M3/07 dtd 3/5/07 |
| 2     | Mg:partner,Thomarappara Bricks & Metals,Panambilavu P.O, Areacode Malappuram ,Pin:673639               | 53/2015-16/RMCU/MLMP/3225/M3/2015  | Granite Building Stone | 6/1pt                  | Vettilappara  | Eranad         | 3                        | 28/03/2015 | 31/03/2016 | 4,50,000 + 4,50,000      | No.126/2007-08/3739/M3/07 dtd 30/5/07   |
| 3     | M.C.Mayin Haji,Mg :Director Calicut Granites(Pvt)(Ltd), Pullithody House P.O Nallalam ,Calicut Dt.     | 31/2015-16/RMCU/MLMP/3215/M3/2015  | Granite Building Stone | 266/1,2part            | Cherukavu     | Eranad         | 3                        | 27/03/2015 | 31/03/2016 | 4,00,000                 | No.100/2007-08/3483 /M3/07 dtd 17/5/07  |
| 4     | A M. Mohammedali Managing Partner Mubaraq Granite Chathallur P.O, Edavanna Malappuram Dist pin: 676541 | 03/2015-16/RMCU/MLMP/2825/M3/2015  | Granite Building Stone | 96pt,94pt(Block no.70) | Perakamanna   | Eranad         | 2                        | 18/03/2015 | 31/03/2016 | 3,00,000                 | No.268/2007-08/6021/M3/07 dtd 20/7/07   |
| 5     | K.Kunhimoyin Managing Partner M/S Friends Crushers Valillapuzha ,Areacode Malappuram Dist.             | 11/2015-16/RMCU/MLMP/3018/M3/2015  | Granite Building Stone | 49/2pt Block 21        | Keezhuparamba | Eranad         | 2                        | 26/03/2015 | 31/03/2016 | 2,00,000                 | No.631/2007-08/8745/M3/07 dtd 27/11/07  |
| 6     | V.Abdurahiman, Managing partner,Bismi Granites Industries, Kizhake Chathallur(po) Edavanna,Malappuram  | 131/2015-16/RMCU/MLMP/3573/M3/2015 | Granite Building Stone | 354/1                  | Perakamanna   | Eranad         | 2                        | 04-04-2015 | 31/03/2016 | 2,00,000                 | No.175/2008-9/5826/M3/08 dtd 17/6/08  |
| 7     | M.M.Azad,Managing partner, M/s Malabar Bricks metals, Poovathikkal P.O,,Areacode Malappuram            | 132/2015-16/RMCU/MLMP/3583/M3/2015 | Granite Building Stone | 83/2                   | Urngettiri    | Eranad         | 2                        | 04-04-2015 | 31/03/2016 | 2,00,000                 | No.176/2008-09/5828/M3/08 dtd 17/6/08   |

|    |   |  |                           |          |             |                |   |            |            |                       |  |
|----|---|--|---------------------------|----------|-------------|----------------|---|------------|------------|-----------------------|--|
| 8  | O.Muhammed Shareef,<br>Managing Director,M/s port<br>land Granites p(Ltd),<br>Pulikkal, Olavattur P.O<br>Malappuram Dist.<br>Pin:673638 | 45/2015-<br>16/RMCU/MLMP/<br>3314/M3/2015  | Granite Building<br>Stone | 171/8    | Pulikkal    | Eranad         | 4 | 28/3/2015  | 31/3/2016  | 5,00,000              | No.548/2010-11/9135/<br>M3/12 dtd 26/11/12         |
| 9  | P.K.Muhammed Asharaf,<br>Managing Partner Hi-Tech<br>Metals<br>Naduvakkad,Oorakkam,<br>Melmuri P.O, Malappuram -<br>676519              | 01/2015-<br>16/RMCU/MLMP/<br>2504/M3/2015  | Granite Building<br>Stone | 8/2unit  | Oorakkam    | Thirurangadi   | 3 | 03-11-2015 | 31/3/2016  | 4,00,000              | No.439/2011-12/7485/<br>M3/11 dtd 12/10/11         |
| 10 | N. Abdul Rasheed<br>Nalakath House<br>Perinthalmanna,Malappuram   | 114/2015-<br>16/RMCU/MLMP/<br>3457/M3/2015 | Granite Building<br>Stone | 13/1     | Kariavattom | Perinthalmanna | 1 | 31/3/2015  | 31/3/2016  | 4,00,000              | No.588/214-15/1011/<br>M3/2014 dtd 25/11/2014      |
| 11 | M/S Aranhikkal Granite Unit<br>Pathappiriyam P.O<br>Malappuram Dist.<br>Pin:676123  | 26/2015-<br>16/RMCU/MLMP/<br>3189/M3/2015  | Granite Building<br>Stone | 113/pt   | Edavanna    | Eranad         | 3 | 26/03/2015 | 31/03/2015 | 7,00,000              | No.668/2005-<br>06/1618/M3/06 dtd 22/2/06          |
| 12 | Areacode Granited Pvt.Ltd<br>Vakkaloor,Kavanoor P.O<br>Malappuram Dist.   | 106/2015-<br>16/RMCU/MLMP/<br>3456/M3/2015 | Granite Building<br>Stone | 2,10,213 | Kavanoor    | Eranad         | 2 | 31/3/2015  | 31/3/2016  | 1,00,000<br>+1,00,000 | No.579/214-<br>2015/8727/M3/2014 dtd<br>20/11/2014 |

**Table 2f: List of Dealer's License granted for Granite building stone**

| <i>Sl no</i> | <i>Concession holder's name and address</i>                                 | <i>Concession no.</i>                        | <i>Mineral</i>             | <i>Survey no</i> | <i>Village</i> | <i>Thaluk</i>  | <i>District</i> | <i>Area(ha )</i> | <i>Valid from</i> | <i>Valid to</i> | <i>Quantity</i> | <i>DL Fee(Rs )</i> |
|--------------|---|--|----------------------------|------------------|----------------|----------------|-----------------|------------------|-------------------|-----------------|-----------------|--------------------|
| 1            | Abdul Salam E V<br>Chernad Metal Works<br>Valiyad Kooriyad                  | 47/2014-15<br>Gr/Dom/m-2421/14<br>dtd 2/2/15 | Granites<br>Metal          | 271/3,8          | Vengara        | Thirurangadi   | Malappuram      | 0.30<br>Acre     | 21/1/2015         | 31/03/2016      | 13500MT         | 25000              |
| 2            | M P Muhammed Kutty<br>S/o Khadar Haji<br>Mullappali House<br>Pang South P.o | 48/2015-16/Gr/Dom/m-139/14<br>dtd02/02/2015  | Granites<br>Metal          | 256/6A,6B        | Kuruva         | perinthalmanna | Malappuram      | 80 cent          | 02-02-2015        | 31/3/2016       | 13500MT         | 25000              |
| 3            | P Sakeer<br>S/o Moideen P<br>Puliyil Pallikkuth House<br>Pang South P.O     | 49/2014-15/Gr/Dom/m<br>234/15 dtd 4/2/15     | Granites<br>Metal          | Q 19,1262/pt     | Melmuri        | Eranad         | Malappuram      | 34 Cent          | 02-04-2015        | 31/3/2016       | 10000MT         | 18000              |
| 4            | P V Ajeash<br>Dhowrakha<br>Cheruppa, Kozhikkode                             | 50/2014-15/Gr/Dom/m<br>172/15 dtd 6/2/16     | Granites<br>Metal          | 159/1,171/9      | Pulikkal       | Kondotty       | Malappuram      | 25 Cent          | 02-06-2015        | 31/3/2016       | 13500MT         | 25000              |
| 5            | Muhammed Iqbal<br>MG.Partner<br>Pulancheri Granites<br>Industries           | 51/2014-15/Gr/Dom/m<br>267/15 dtd 9/2/15     | Granites<br>Metal          | 168              | Anakkayam      | Eranad         | Malappuram      | 1 Acre           | 02-09-2015        | 31/3/2016       | 6000Mt          | 10000              |
| 6            | V. P Moideen Kutti<br>V P M-Sand<br>Edayur P.O , Pookkattiri                | 52/2014-15/Gr/Dom/m<br>337/15 dtd 23/2/15    | Granites<br>Products       | 201/1,2          | Edayur         | Tirur          | Malappuram      | 50 Cent          | 23/2/2015         | 22/2/2016       | 20000MT         | 80000              |
| 7            | T .Saidalavi Haji<br>Thayyil House<br>Athavanad , Thirunavaya               | 53/2014-15/Gr/Dom/m<br>378/15 dtd 4/3/2015   | Granites<br>Products       | 168/1            | Athavanad      | Tirur          | Malappuram      | 23 Cent          | 03-04-2015        | 03-03-2016      | 20000Mt         | 8000               |
| 8            | V K Mubasheer<br>Chengott Stone Crusher<br>Vazhayoor                        | 54/2014-15/Gr/Dom/m<br>493/15 dtd16/3/2015   | Mineral<br>Products<br>GBS | 167/2            | Vazhayoor      | Kondotty       | Malappuram      | 28.34<br>Ares    | 16/3/2015         | 15/3/2016       | 2000MT          | 8000               |
| 9            | Suresh Babu K<br>Kolothodi House<br>Kodur P.o                               | 55/2014-15/Gr/Dom/m<br>522/15 dtd 18/3/2015  | Mineral<br>Products<br>GBS | 539/8,9          | Malappura,     | Eranad         | Malappuram      | 27.84<br>Cents   | 18/3/2015         | 17/3/2016       | 2000MT          | 8000               |

|    |   |   |   |                  |               |                |                |             |           |           |        |       |
|----|---|---|---|------------------|---------------|----------------|----------------|-------------|-----------|-----------|--------|-------|
| 10 | MM Ummer<br>Nazeera Granites<br>Puthukkod P.O                   | 56/2014-<br>15/Gr/Dom/m<br>544/15 dtd 20/3/2015 | Mineral<br>Products<br>GBS                          | 368/pt           | Vazhayoor     | Eranad         | Malappura<br>m | 35 Cent     | 20/3/2015 | 19/3/2016 | 2000MT | 8000  |
| 11 | V P Shareef<br>Pallikkara House<br>Payyanad, Manjeri            | 57/2014-<br>15/Gr/Dom/m<br>542/15 dtd 23/3/2015 | Granite<br>Buliding<br>Stone<br>Mineral<br>Products | 385/1            | Payyannad     | Manjeri        | Malappura<br>m | 10 Cent     | 23/3/2015 | 22/3/2016 | 5000Mt | 20000 |
| 12 | K Midun<br>Vazhakode Stone Crusher<br>Poovathikkal P.o          | 58/2014-<br>15/Gr/Dom/m<br>557/15 dtd 23/3/2015 | Granite<br>Buliding<br>Stone<br>Mineral<br>Products | 109/2            | Oorangattiri  | Eranad         | Malappura<br>m | 24 Cent     | 23/3/2015 | 22/3/2016 | 5000Mt | 20000 |
| 13 | K P Ibrahim<br>Kangattu Puthan Veettil<br>Vadakkangara P.O      | 59/2014-<br>15/Gr/Dom/m<br>556/15 dtd 23/3/2016 | Granite<br>Buliding<br>Stone<br>Mineral<br>Products | 75/1B1           | Vadakkangara  | perinthalmanna | Malappura<br>m | 30 Cent     | 23/3/2015 | 22/3/2016 | 5000MT | 20000 |
| 14 | P T Abdul Azeez<br>Al- Ameen Rubbles<br>Vazhayoor P.O           | 60/2014-<br>15/Gr/Dom/m<br>572/15 dtd 23/3/2015 | Granite<br>Buliding<br>Stone<br>Mineral<br>Products | 371/16           | Vazhayoor     | Kondotty       | Malappura<br>m | 10 Cent     | 23/3/2015 | 22/3/2016 | 2000MT | 8000  |
| 15 | V Althaf<br>MG. Partner<br>SS Granites Vazhayoor                | 61/2014-<br>15/Gr/Dom/m<br>558/15 dtd 23/3/2015 | Granite<br>Buliding<br>Stone<br>Mineral<br>Products | 136/7,8<br>145/1 | Vazhayoor     | Kondotty       | Malappura<br>m | 25<br>Cents | 23/3/2015 | 22/3/2016 | 3000MT | 12000 |
| 16 | T P Noushad<br>Hindusthan Crusher<br>Company<br>Kannamangalam   | 62/2014-<br>15/Gr/Dom/m<br>577/15 dtd 23/3/2015 | GBS<br>Products                                     | 104/2A           | Kannamangalam | Thirurangadi   | Malappura<br>m | 59 Cent     | 23/3/2015 | 22/3/2016 | 8000MT | 32000 |
| 17 | P.Veeran Kutti<br>Poothanari House<br>Palpatta P.O              | 63/2014-<br>15/Gr/Dom/m<br>574/15 dtd 25/3/2015 | GBS<br>Mineral<br>Products                          | 55/1             | Pulppatta     | Eranad         | Malappura<br>m | 20 Cent     | 25/3/2015 | 24/3/2016 | 2500MT | 10000 |
| 18 | K t Jaffar<br>Vadakkayil House<br>Thottilangadi P.o<br>Areacode | 64/2014-<br>15/Gr/Dom/m<br>601/15 dtd 25/3/2015 | GBS<br>Mineral<br>Products                          | 350/1,2          | Payyannad     | Eranad         | Malappura<br>m | 1 Acre      | 25/3/2015 | 24/3/2016 | 2000MT | 8000  |

|    |   |   |                                |                   |              |              |                |               |                |           |             |       |
|----|---|---|--------------------------------|-------------------|--------------|--------------|----------------|---------------|----------------|-----------|-------------|-------|
| 19 | M A Abdul Kareem<br>Managing Partner<br>Hajer Industries<br>Pazhoor P.O                               | 65/2014-<br>15/Gr/Dom/m<br>590/15 dtd 25/3/2015     | GBS<br>Mineral<br>Products     | 361               | Naduvattam   | Tirur        | Malappura<br>m | 65 Cent       | 25/3/2015      | 24/3/2016 | 6000MT      | 24000 |
| 20 | Sajeev M A<br>MG. Partner<br>Palikkal Granites<br>Chirayil P.O  | 66/2014-<br>15/Gr/Dom/m<br>449/15 dtd 25/3/2015     | GBS<br>Mineral<br>Products     | 148/4             | Nediyirippu  | Kondotty     | Malappura<br>m | 50 Cent       | 25/3/2015      | 24/3/2016 |             | 40000 |
| 21 | U. Abdul Kareem<br>Managing Partner<br>U K Granites<br>Edayur North                                   | 67/2014-<br>15/Gr/Dom/m<br>609/15 dtd 26/3/2015     | GBS<br>Mineral<br>Products     | 428               | Edayur       | Tirur        | Malappura<br>m | 33.24<br>Cent | 26/3/2015      | 25/3/2016 | 10000M<br>T | 40000 |
| 22 | Siddique P<br>V K M Granite<br>Puthukkod  | 68/2014-<br>15/Gr/Dom/m<br>605/15 dtd 27/3/2015     | GBS<br>Mineral<br>Products     | 355/4,1<br>368/pt | Vazhayoor    | Kondotty     | Malappura<br>m | 59 Cent       | 27/3/2015      | 26/3/2016 | 4000MT      | 16000 |
| 23 | K C Veeran Kutti<br>Firos Granite Industries<br>Anthoor Kunnu<br>Palikkal P.O                         | 69/2014-<br>15/Gr/Dom/m<br>578/15 dtd 27/3/2015     | GBS<br>Mineral<br>Products     | 236/1             | Palikkal     | Kondotty     | Malappura<br>m | 61 cent       | 27/3/2015      | 26/3/2016 | 5000MT      | 20000 |
| 24 | P k Samaddin<br>Brothers Stone Crusher<br>Oorangattiri P.O  | 70/2014-<br>15/Gr/Dom/m<br>649/15 dtd 30/3/2015     | GBS<br>Mineral<br>Products     | 144/pt            | Oorangattiri | Eranad       | Malappura<br>m | 55.5 cent     | 30/3/2015      | 29/3/2016 | 5000MT      | 20000 |
| 25 | Suresh C<br>Cheriyamundath Crusher<br>Karekkad P.O Edayur   | 71/2014-<br>15/Gr/Dom/m<br>646/15 dtd 30/3/2015     | GBS<br>Mineral<br>Products     | 98                | Edayur       | Tirur        | Malappura<br>m | 1.23<br>Cents | 30/3/2015      | 29/3/2016 | 5000MT      | 20000 |
| 26 | A .Jamal Muhammed<br>Mg. Partner Brothers<br>Granites Metals Palappatta                               | 72/2014-<br>15/Gr/Dom/m<br>672/15 dtd 31/3/2015     | GBS<br>Mineral<br>Products     | 111/6/2           | Perakamanna  | Eranad       | Malappura<br>m | 64 Cent       | 31/3/2015      | 30/3/2016 | 10000M<br>T | 40000 |
| 27 | A. Jamala Muhammed<br>(Aranhikkal)<br>Al- Madeen Granite Metal<br>and Cement Industries<br>Thuvvakkad | 73/2014-<br>15/Gr/Dom/m<br>654/15 dtd 31/3/2015     | GBS<br>Mineral<br>Products     | 218               | Perakamanna  | Eranad       | Malappura<br>m | 66.6<br>Cents | 31/3/2015      | 30/3/2016 | 2000MT      | 8000  |
| 28 | Muhammed Shafeeq<br>Kuruniyan House<br>Mattathur, Othukkungal   | 01/2015-<br>16/Gr/Dom/m<br>645/15 dtd<br>01/04/2015 | Granite<br>Mineral<br>Products | 307/14            | Othukkungal  | Thirurangadi | Malappura<br>m | 12.5 cent     | 04-01-<br>2015 | 31/3/2016 | 2000MT      | 8000  |

|    |   |   |  |                              |               |              |                |         |                |                |             |       |
|----|---|---|--|------------------------------|---------------|--------------|----------------|---------|----------------|----------------|-------------|-------|
| 29 | T P Ali Moideen<br>Gulfar Granite Industries<br>Kannamanagalam<br>,Malappuram | 02/2015-<br>16/Gr/Dom/m<br>659/15 dtd<br>06/04/2015 | Granite<br>Mineral<br>Products                         | 41/1,2,,3                    | Kannamangalam | Thirurangadi | Malappura<br>m | 26 Cent | 04-06-<br>2015 | 04-05-<br>2016 | 8000MT      |       |
| 30 | T P Ali Moideen<br>Gulfar Granite Industries<br>Kannamanagalam<br>,Malappuram | 03/2015-<br>16/Gr/Dom/m<br>658/15 dtd<br>06/04/2015 | Granite<br>Mineral<br>Products                         | 35/1A,B1B/1G                 | Kannamangalam | Thirurangadi | Malappura<br>m | 60 Cent | 04-06-<br>2015 | 04-05-<br>2016 |             | 32000 |
| 31 | P K Ashraf<br>QRB Crusher Unit<br>Vazhayoor P.o                               | 04/2015-<br>16/Gr/Dom/m<br>720/15 dtd<br>06/04/2015 | Granite<br>Buliding<br>Stone<br>Commerca<br>l Products | 15/28                        | Vazhayoor     | Kondotty     | Malappura<br>m | 50 Cent | 04-06-<br>2015 | 04-05-<br>2016 | 2000MT      | 8000  |
| 32 | K P Abbas Ali<br>Cheerathodi House<br>Valiyaparamb                            | 05/2015-<br>16/Gr/Dom/m<br>719/15 dtd<br>06/04/2015 | Granite<br>Buliding<br>Stone<br>Commerca<br>l Products | 274/1                        | Palikkal      | Kondotty     | Malappura<br>m | 41 Cent | 04-06-<br>2015 | 04-05-<br>2016 | 5000MT      | 20000 |
| 33 | M E Mohanan<br>High Grip Grnites<br>Vazhayoor                                 | 06/2015-<br>16/Gr/Dom/m<br>664/15 dtd<br>06/04/2015 | Granite<br>Buliding<br>Stone<br>Commerca<br>l Products | 155/1                        | Vazhayoor     | Kondotty     | Malappura<br>m | 50 Cent | 04-06-<br>2015 | 04-05-<br>2016 | 10000M<br>T | 40000 |
| 34 | V Moideen<br>VKH Hollow Bricks<br>Stone Crusher<br>Muthuvallur                | 07/2015-<br>16/Gr/Dom/m<br>693/15 dtd<br>06/04/2015 | Granite<br>Buliding<br>Stone<br>Commerca<br>l Products | 216/8,7,10                   | Muthuvallur   | Kondotty     | Malappura<br>m | 50 Cent | 04-06-<br>2015 | 04-05-<br>2016 | 5000 MT     | 20000 |
| 35 | V Moideen<br>V K M Stone Crusher<br>Cheroor Vengara                           | 08/2015-<br>16/Gr/Dom/m<br>694/15 dtd<br>06/04/2016 | Granite<br>Buliding<br>Stone<br>Commerca<br>l Products | 80/1C,82/2B<br>82/1, 80/1C/c | Kannamangalam | Thirurangadi | Malappura<br>m | 25 Cent | 04-06-<br>2015 | 04-05-<br>2016 | 5000MT      | 20000 |
| 36 | V P Abdulla<br>Elite Granite and<br>Hollow Bricks<br>K v Kav ,Palikkal        | 09/2015-<br>16/Gr/Dom/m<br>699/15 dtd<br>06/04/2015 | GBS<br>Prouducts                                       | 197/5                        | Cherukav      | Kondotty     | Malappura<br>m | 22 Cent | 04-06-<br>2015 | 04-05-<br>2016 | 5000MT      | 20000 |
| 37 | A C Abdurahiman<br>AA Crashing Unit<br>Peruvallur                             | 10/2015-<br>16/Gr/Dom/m<br>663/15 dtd<br>06/04/2015 | GBS<br>Prouducts                                       | 119/1,2                      | Peruvallur    | Thirurangadi | Malappura<br>m | 40 cent | 04-06-<br>2015 | 04-05-<br>2016 | 5000 MT     | 20000 |



|    |  |   |                  |                     |               |                |                |               |                |                |             |       |
|----|--|---|------------------|---------------------|---------------|----------------|----------------|---------------|----------------|----------------|-------------|-------|
| 38 | K P Sulaiman Haji<br>Kannipparambil House<br>Munniyoor P.O<br>Pin: 673639                      | 11/2015-<br>16/Gr/Dom/m<br>731/15 dtd<br>08/04/2015 | GBS<br>Prouducts | 332                 | Kavanoor      | Eranad         | Malappura<br>m | 70 Cent       | 04-08-<br>2015 | 04-07-<br>2016 | 8000MT      | 32000 |
| 39 | M K Moosa Kutti Haji<br>MG. Partner Rahmath<br>Granite<br>Crusher ,Pannippara                  | 12/2015-<br>16/Gr/Dom/m<br>728/15 dtd<br>09/04/2015 | GBS<br>Prouducts | 7/3pt               | Karakkunnu    | Eranad         | Malappura<br>m | 50 Cent       | 04-09-<br>2015 | 04-08-<br>2016 | 5000MT      | 20000 |
| 40 | K k Abdul Majeed<br>Managing Partner<br>Anzar Granite Industries<br>Kannamangalam-676335       | 13/2015-<br>16/Gr/Dom/m<br>732/15 dtd<br>10/04/2015 | GBS<br>Prouducts | 76/1                | Kannamangalam | Thirurangadi   | Malappura<br>m | 1.04<br>Acre  | 04-10-<br>2015 | 04-09-<br>2016 | 5000MT      | 20000 |
| 41 | P Sakaria<br>Pullatt House<br>Kannamangalam  | 14/2015-<br>16/Gr/Dom/m<br>730/15 dtd<br>10/04/2015 | GBS<br>Prouducts | 36/1                | Kannamangalam | Thirurangadi   | Malappura<br>m | 31 Cent       | 10/4/2001<br>5 | 04-09-<br>2016 | 5000MT      | 20000 |
| 42 | P K Muhammad Kutti<br>MG. Partner Karippur<br>Granite Industries<br>Karippur P.O<br>Pin:673638 | 15/2015-<br>16/Gr/Dom/m<br>735/15 dtd<br>10/04/2015 | GBS<br>Prouducts | 246/1               | Palikkal      | Kondotty       | Malappura<br>m | 40 Cent       | 04-10-<br>2015 | 04-09-<br>2016 | 6000MT      | 24000 |
| 43 | E. Ummer Bava<br>Easakkanakath<br>Down Hill ,Malappuram  | 16/2015-<br>16/Gr/Dom/m<br>761/15<br>dtd16/04/2015  | GBS<br>Prouducts | 203/1<br>204/3      | Karakkunnu    | Eranad         | Malappura<br>m | 24.50<br>cent | 16/4/2015      | 15/4/2016      | 5000MT      | 20000 |
| 44 | Sabna Vikas<br>Vikas Granites<br>Kannamvettikav  | 17/2015-<br>16/Gr/Dom/m<br>722/15 dtd<br>16/04/2015 | GBS<br>Prouducts | 253/10,11,12,1<br>3 | Cherukav      | Kondotty       | Malappura<br>m | 35 Cent       | 16/4/2015      | 15/4/2016      | 5000MT      | 20000 |
| 45 | V Ibrahim Haji<br>Vazhathodi House<br>Cherukave P.o  | 18/2015-<br>16/Gr/Dom/m<br>729/15 dtd<br>17/04/2015 | GBS<br>Prouducts | 7/7                 | Elamkulam     | perinthalmanna | Malappura<br>m | 25 Cent       | 17/4/2015      | 16/4/2016      | 3500MT      | 14000 |
| 46 | V Abdurahiman<br>Mg. Partner<br>Akkod Granite Vazhayoor  | 19/2015-<br>16/Gr/Dom/m<br>803/15 dtd<br>17/04/2015 | GBS<br>Prouducts | 104/1pt             | Vazhayoor     | Kondotty       | Malappura<br>m | 1.20 acre     | 17/4/2015      | 16/4/2016      | 10000M<br>T | 40000 |
| 47 | V Sajeer Babu<br>K P Granite Unit<br>Thavanoor ,Kizhisseri                                     | 20/2015-<br>16/Gr/Dom/m<br>773/15 dtd<br>17/04/2015 | GBS<br>Prouducts | 421/7               | Kuzhimanna    | Kondotty       | Malappura<br>m | 61.77<br>cent | 17/4/2015      | 16/4/2016      | 5000MT      | 20000 |

|    |   |   |  |        |               |              |                |         |           |           |             |       |
|----|---|---|--|--------|---------------|--------------|----------------|---------|-----------|-----------|-------------|-------|
| 48 | P Mammadu<br>Pullatt House<br>Kannamanagalam  | 21/2015-<br>16/Gr/Dom/m<br>802/15 dtd<br>20/04/2015 | GBS<br>Products                          | 110/2  | Edayur        | Tirur        | Malappura<br>m | 90.Cent | 20/4/2015 | 19/4/2016 | 4000MT      | 16000 |
| 49 | O R Sadanandan<br>MD. Vallikkad Granite<br>Nellippallil P.O Palghat                 | 22/2015-<br>16/Gr/Dom/m<br>765/15 dtd<br>20/04/2015 | GBS<br>Products                          | 132/2  | Pulikkal      | Kondotty     | Malappura<br>m | 74 cent | 20/4/2015 | 19/4/2016 | 2000MT      | 8000  |
| 50 | Ibrahim Palliyali<br>Rahmath Manzil<br>Moonniyyor P.o                               | 23/2015-<br>16/Gr/Dom/m<br>827/15 dtd<br>20/04/2015 | Granite<br>Buliding<br>Stone<br>Products | 132/27 | Cherukav      | Kondotty     | Malappura<br>m | 88 Cent | 20/4/2015 | 19/4/2016 | 5000MT      | 20000 |
| 51 | A Siddique<br>Athinnikkal House<br>Thirunnavaya                                     | 24/2015-<br>16/Gr/Dom/m<br>808/15 dtd<br>20/04/2015 | Granite<br>Buliding<br>Stone<br>Products | 138/1  | Kurumbathur   | Tirur        | Malappura<br>m | 10 Cent | 20/4/2015 | 19/4/2016 | 2500MT      | 10000 |
| 52 | Abdul Salam C<br>Cheriyampurath<br>Thirunnavaya P.O                                 | 25/2015-<br>16/Gr/Dom/m<br>807/15 dtd<br>20/04/2015 | Granite<br>Buliding<br>Stone<br>Products | 418/1  | Kottakkal     | Tirur        | Malappura<br>m | 15 Cent | 20/4/2015 | 19/4/2016 | 2500MT      | 10000 |
| 53 | A Siddique<br>Athinnikkal House<br>Thirunnavaya                                     | 26/2015-<br>16/Gr/Dom/m<br>807/15 dtd<br>20/04/2015 | Granite<br>Buliding<br>Stone<br>Products | 379/9  | Thirunnavaya  | Tirur        | Malappura<br>m | 10 Cent | 20/4/2015 | 19/4/2016 | 2500MT      | 10000 |
| 54 | Yusaf Haji<br>Bharathi Granite Industries<br>Apparambil House<br>Parammalangadi P.O | 27/2015-<br>16/Gr/Dom/m<br>733/15 dtd<br>20/04/2015 | Granite<br>Buliding<br>Stone<br>Products | 309    | Athavanad     | Tirur        | Malappura<br>m | 1 Acre  | 20/4/2015 | 19/4/2016 | 4000MT      | 16000 |
| 55 | Kanneth Kunhahammed<br>MG.Partner Kanneth<br>Industies Cheroor P.O                  | 28/2015-<br>16/Gr/Dom/m<br>817/15 dtd<br>20/04/2015 | Granite<br>Buliding<br>Stone<br>Products | 462/4  | Kannamangalam | Thirurangadi | Malappura<br>m | 83 Cent | 20/4/2015 | 19/4/2016 | 13500M<br>T | 54000 |
| 56 | Abdul Azees E K<br>E K C Crusher<br>Kannamangalam                                   | 29/2015-<br>16/Gr/Dom/m<br>756/2015<br>dt22/4/2015  | Granite<br>Buliding<br>Stone<br>Products | 1      | Kannamangalam | Thirurangadi | Malappura<br>m | 50 Cent | 22/4/2015 | 21/4/2016 | 10000M<br>T | 40000 |
| 57 | Kabeer P<br>Premer Infra Granite<br>Chirayil ,Kondotty                              | 30/2015-<br>16/Gr/Dom/m<br>858/15 dtd<br>22/04/2015 | Granite<br>Buliding<br>Stone<br>Products | 152/1  | Nediyirippu   | Kondotty     | Malappura<br>m | 50 Cent | 22/4/2015 | 21/4/2016 | 5000MT      | 20000 |
| 58 | M P Shamsuddin<br>M P House<br>Pulikkal P.O   | 31/2015-<br>16/Gr/Dom/m<br>890/15 dtd<br>24/04/2015 | Granite<br>Buliding<br>Stone<br>Products | 251/4  | Cherukav      | Kondotty     | Malappura<br>m | 17 Cent | 24/4/2015 | 23/4/2016 | 5000MT      | 20000 |

|    |  |   |  |                 |               |                |                |              |                |                |             |       |
|----|--|---|--|-----------------|---------------|----------------|----------------|--------------|----------------|----------------|-------------|-------|
| 59 | T P Abu<br>Crescent Grnaite Industries<br>Kannamvettikav                 | 32/2015-<br>16/Gr/Dom/m<br>755/15 dtd<br>27/04/2015 | Granite<br>Buliding<br>Stone<br>Products | 172/3           | Cherukav      | Kondotty       | Malappura<br>m | 62 Cent      | 27/4/2015      | 26/4/2016      | 5000MT      | 20000 |
| 60 | Shahila Am<br>Directar Thekkin chuvad<br>Granite PVT Ltd                 | 33/2015-<br>16/Gr/Dom/m<br>1035/15 dtd 4/5/2015     | Granite<br>Buliding<br>Stone<br>Products | 218/1,2,3       | Kizhiparamb   | Eranad         | Malappura<br>m | 1.35<br>Acre | 05-04-<br>2015 | 05-03-<br>2016 | 10000M<br>T | 20000 |
| 61 | M P Muhamme<br>Mundampurath House<br>Perumanna P.O                       | 34/2015-<br>16/Gr/Dom/m<br>1026/15 dtd<br>07/5/2015 | Granite<br>Buliding<br>Stone<br>Products | 227/6,206/2     | Vazhayoor     | Kondotty       | Malappura<br>m | 15 Cent      | 05-07-<br>2015 | 05-06-<br>2016 | 6000MT      | 24000 |
| 62 | V P Abdul Rasak<br>Ideal Building<br>Meterial and Job Works<br>Pallikkal | 35/2015-<br>16/Gr/Dom/m<br>1156/15<br>dtd13/5/2015  | Granite<br>Buliding<br>Stone<br>Products | 147/14          | Palikkal      | Kondotty       | Malappura<br>m | 75 cent      | 13/5/2015      | 05-12-<br>2016 | 3000MT      | 12000 |
| 63 | E K Ali moideen<br>Malabar Mechine metals<br>Kannamangalam               | 36/2015-<br>16/Gr/Dom/m<br>1177/15 dtd<br>13/5/2015 | Granite<br>Buliding<br>Stone<br>Products | 185/5,189       | Kannamangalam | Thirurangadi   | Malappura<br>m | 1.21<br>Acre | 13/5/2015      | 05-12-<br>2016 | 12000Mt     | 48000 |
| 64 | P Suhara<br>Angadippram Blue Metals<br>Valambur Anagadippuram            | 37/2015-<br>16/Gr/Dom/m<br>1188/15 dtd<br>15/5/2015 | Granite<br>Buliding<br>Stone<br>Products | 101/4           | Valambur      | perinthalmanna | Malappura<br>m | 79 Cent      | 15/5/2015      | 14/5/2016      | 4000MT      | 16000 |
| 65 | Elayedath Amina<br>Vadakkayil House<br>Thottilangadi                     | 38/2015-<br>16/Gr/Dom/m<br>1189/15 dtd<br>15/5/2015 | Granite<br>Buliding<br>Stone<br>Products | 524/1,2,3       | Kavanoor      | Eranad         | Malappura<br>m | 48 Cent      | 15/5/2015      | 14/5/2016      | 3000MT      | 12000 |
| 66 | Shamon PS<br>S/o Sajad<br>Puthukkodan H<br>Rayon puram P.O               | 39/2015-<br>16/Gr/Dom/m<br>1189/15 dtd<br>15/5/2015 | Granite<br>Buliding<br>Stone<br>Products | 415/1           | Kuzhimanna    | Kondotty       | Malappura<br>m | 20 Cent      | 15/5/2015      | 14/5/2016      | 6000MT      | 24000 |
| 67 | Muhammed Babu<br>Chalil House<br>Hi-Rock M-Sand<br>Edappatta P.O         | 40/2015-<br>16/Gr/Dom/m<br>1227/15 dtd<br>18/5/2015 | Granite<br>Buliding<br>Stone<br>Products | 233/2(BL 43)    | Edappatta     | perinthalmanna | Malappura<br>m | 25 Cent      | 18/5/2015      | 17/5/2016      | 4000MT      | 16000 |
| 68 | Noufal<br>S/o Moideen<br>Theikkedath House<br>Kalikavu -676525           | 41/2015-<br>16/Gr/Dom/m<br>1281/15 dtd<br>22/5/2015 | Granite<br>Buliding<br>Stone<br>Products | 233/2/2         | Thiruvalli    | Nilambur       | Malappura<br>m | 12 Cent      | 22/5/2015      | 21/5/2016      | 3000MT      | 12000 |
| 69 | Muhammed Shameem P<br>Safiya Manzil Nediirippu<br>P.O<br>pin:673638      | 42/2015-<br>16/Gr/Dom/m<br>1308/15 dtd<br>25/5/2015 | Granite<br>Buliding<br>Stone<br>Products | 18/7<br>BI No.5 | Vazhayoor     | Kondotty       | Malappura<br>m | 40 cent      | 25/5/2015      | 24/5/2016      | 5000MT      | 20000 |

|    |   |   |  |                          |               |              |                |              |                |                |             |       |
|----|---|---|--|--------------------------|---------------|--------------|----------------|--------------|----------------|----------------|-------------|-------|
| 70 | P Abu<br>MG.Partner City Metals<br>Manjeri                              | 43/2015-<br>16/Gr/Dom/m<br>1286/15 dtd<br>25/5/2015 | Granite<br>Buliding<br>Stone<br>Products | 32/1                     | Payyannad     | Eranad       | Malappura<br>m | 40 cent      | 25/5/2015      | 24/5/2016      | 8000MT      | 32000 |
| 71 | E K Ahmmed Koya<br>Edayadi Kummanthodi<br>House<br>Velimukku            | 44/2015-<br>16/Gr/Dom/m1313/1<br>5 dtd 25/5/2015    | Granite<br>Buliding<br>Stone<br>Products | 298/1 2B RS<br>No.415    | Munniyoor     | Thirurangadi | Malappura<br>m | 54 cent      | 25/5/2015      | 24/5/2016      | 6000MT      | 24000 |
| 72 | M Abdul Rasheed<br>Rock Field Industries<br>Chirayil P.O                | 45/2015-<br>16/Gr/Dom/m1315/1<br>5 dtd 25/5/2015    | Granite<br>Buliding<br>Stone<br>Products | 150/7,8,9                | Nediyirippu   | Kondotty     | Malappura<br>m | 80 cent      | 25/5/2015      | 24/5/2016      | 4000MT      | 16000 |
| 73 | K C Kammukutti<br>Baniyas Granite Industries<br>Kadampuzha              | 46/2015-<br>16/Gr/Dom/m1314/1<br>5 dtd 25/5/2015    | Granite<br>Buliding<br>Stone<br>Products | 29 BI No.26              | Thozhuvannoor | Tirur        | Malappura<br>m | 1.33<br>Acre | 25/5/2015      | 24/5/2016      | 12000M<br>T | 48000 |
| 74 | C Muhammadali<br>Mg. Partner C &K Granite<br>Industries Chirayil P.O    | 47/2015-<br>16/Gr/Dom/m1279/1<br>5 dtd 25/5/2015    | Granite<br>Buliding<br>Stone<br>Products | BI No. 36<br>149/3,148/1 | Nediyirippu   | Kondotty     | Malappura<br>m | 50 Cent      | 25/5/2015      | 24/5/2016      | 10000M<br>T | 40000 |
| 75 | P Kunhumammed<br>Mg. Partner PM Crusher<br>Metals Karuvambram           | 48/2015-<br>16/Gr/Dom/m1353/1<br>5 dtd 27/5/2015    | Granite<br>Buliding<br>Stone<br>Products | 186/1                    | Narukara      | Eranad       | Malappura<br>m | 1 Acre       | 27/5/2015      | 26/5/2016      | 4000MT      | 16000 |
| 76 | Abdul Aziz C K<br>Mg. Director Cheroor<br>Bricks & Sands Cheroor<br>P.o | 49/2015-<br>16/Gr/Dom/m1333/1<br>5 dtd 27/5/2015    | Granite<br>Buliding<br>Stone<br>Products | 58                       | Kannamangalam | Thirurangadi | Malappura<br>m | 30 Cent      | 27/5/2015      | 26/5/2016      | 10000M<br>T | 40000 |
| 77 | P M Muhammed<br>Vettilappara Bricks &<br>Metals                         | 50/2015-<br>16/Gr/Dom/m1416/1<br>5 dtd 29/5/2015    | Granite<br>Buliding<br>Stone<br>Products | 8/2                      | Vettilappara  | Eranad       | Malappura<br>m | 50 Cent      | 06-01-<br>2015 | 31/5/2016      | 5000MT      | 20000 |
| 78 | C Abdul Saleem<br>Mg. Partner Aroor Granites<br>Olavattur P.O           | 51/2015-<br>16/Gr/Dom/m1399/1<br>5 dtd 01/6/2015    | Granite<br>Buliding<br>Stone<br>Products | 117/1/2                  | Pulikkal      | Kondotty     | Malappura<br>m | 10 Cent      | 06-01-<br>2015 | 31/5/2016      | 2000MT      | 8000  |
| 79 | Surkkathulla S/o<br>Aboobacker Haji<br>Kuttasseri House<br>Poovathikkal | 52/2015-<br>16/Gr/Dom/m1515/1<br>5 dtd 06/6/2015    | Granite<br>Buliding<br>Stone<br>Products | 219/3 BI No. 21          | Kizhuparamba  | Eranad       | Malappura<br>m | 10 Cent      | 06-06-<br>2015 | 5/6/52016      | 3000MT      | 12000 |
| 80 | Kunhimoideen P S/o<br>Muhammed Poolakkal<br>House Parappur              | 53/2015-<br>16/Gr/Dom/m1473/1<br>5 dtd 06/6/2015    | Granite<br>Buliding<br>Stone<br>Products | 262/12                   | Parappur      | Thirurangadi | Malappura<br>m | 10 Cent      | 06-06-<br>2015 | 05-05-<br>2016 | 2000MT      | 8000  |

|    |  |  |  |                          |                     |                |                |              |                |                |             |       |
|----|--|--|--|--------------------------|---------------------|----------------|----------------|--------------|----------------|----------------|-------------|-------|
| 81 | AbduSalam P<br>Parathappoyil House<br>Kalanthodi Nair Kuzhi P.O                          | 54/2015-<br>16/Gr/Dom/m1583/1<br>5 dtd 24/6/2015       | Granite<br>Buliding<br>Stone<br>Products | 72/1,2 BI No.<br>75      | Kannamangalam       | Thirurangadi   | Malappura<br>m | 16 Cent      | 24/6/2015      | 23/6/2016      | 10000M<br>T | 40000 |
| 82 | K M Ameer<br>MD. Brothers Crusher Pvt<br>Ltd Kilinakkode P.o<br>Vengara                  | 55/2015-<br>16/Gr/Dom/m1642/1<br>5 dtd 24/6/2015       | Granite<br>Buliding<br>Stone<br>Products | 23/2,83/2/1,BI<br>No. 37 | Ooragam             | Thirurangadi   | Malappura<br>m |              | 24/6/2015      | 23/6/2016      | 15000Mt     | 60000 |
| 83 | Sindhu V p<br>Kavumpurath House<br>Eravimangalam P.O<br>Cherukara                        | 56/2015-<br>16/Gr/Dom/m1543/1<br>5 dtd 26/6/2015       | Granite<br>Buliding<br>Stone<br>Products | 89/1,2,3,4               | Pathaikara          | perinthalmanna | Malappura<br>m | 20 Cent      | 26/6/2015      | 25/6/2016      | 2000MT      | 8000  |
| 84 | P.Kunjumammed,palilye<br>t metals,Hajiarpalli ,po  | 57/2015-<br>16/Gr/Dom/m-<br>1672/15 dtd 29-06-<br>2015 | Granite<br>Buliding<br>Stone<br>Products | 1/1B                     | chungam,melmur<br>i | Eranad         | Malappura<br>m | 1 Acre       | 29/6/2015      | 28/6/2016      | 3000MT      | 12000 |
| 85 | PT .Ashraf ,managing<br>partenr ,Al- Jauf Granite<br>metals<br>,vahzakkad,poovthikkal.Po | 58/2015-<br>16/Gr/Dom/m1735/1<br>5 dtd 30/7/2015       | Granite<br>Buliding<br>Stone<br>Products | 184/(B1.27)              | oorganttiri         | Eranad         | Malappura<br>m | 50 Cent      | 30/7/2015      | 29/7/2016      | 4000 MT     | 16000 |
| 86 | T.Mohandas ,thalhamvalli<br>house,NIIT PO.   | 59/2015-<br>16/Gr/Dom/m1736/1<br>5 dtd 3/7/2015        | Granite<br>Buliding<br>Stone<br>Products | 25Pt                     | wandoor             | Nilambur       | Malappura<br>m | 16.9<br>Ares | 07-03-<br>2015 | 07-02-<br>2016 | 10000M<br>T | 40000 |
| 87 | Ahammedkutty,Allungal<br>house ,Kannamangalam,   | 60/2015-<br>16/Gr/Dom/m1280/1<br>5 dtd 3/7/2015        | Granite<br>Buliding<br>Stone<br>Products | 51/2                     | Kannamangalam       | Thirurangadi   | Malappura<br>m | 25 Cent      | 07-03-<br>2015 | 07-02-<br>2016 | 8500MT      | 34000 |
| 88 | Muhammed Shafeeq<br>Kuruniyan House<br>Mattathur, Othukkungal                            | 61/2015-<br>16/Gr/Dom/m1671/1<br>5 dtd 8/7/2015        | Granite<br>Buliding<br>Stone<br>Products | Q13-2035                 | Melmuri             | Eranad         | Malappura<br>m | 4.56<br>Ares | 07-08-<br>2015 | 07-07-<br>2016 | 2000MT      | 8000  |
| 89 | Asif Delicious ,silmi<br>house,Edavanna po   | 62/2015-<br>16/Gr/Dom/m1787/1<br>5 dtd 10/7/2015       | Granite<br>Buliding<br>Stone<br>Products | 326/1,2BI.73             | Edavanna            | Eranad         | Malappura<br>m | 1.95<br>Acre | 07-10-<br>2015 | 07-09-<br>2016 | 12000<br>MT | 48000 |

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| 90 | TP. Saithalavi,s/o, Aboobacker,Tharammal parambil house ,Thanaloor                   | 63/2015-16/Gr/Dom/m1793/15 dtd 20/7/2015     | Granite Buliding Stone Products | 208        | Kattiparuthi, | Tirur          | Malappuram | 2 Acre     | 20/7/2015  | 19/7/2016  | 5000MT   | 20000 |
| 91 | TP.Abdul shookur,s/o Aboobacker,tharammal parambil house,Thanalur,                   | 64/2015-16/Gr/Dom/m1952/15 dtd 12/8/2015     | Granite Buliding Stone Products | 160        | valavannur    | Tirur          | Malappuram | 20.69 Ares | 20/7/2015  | 19/7/2016  | 5000MT   | 20000 |
| 92 | MA. Joseph,s/o Antony,Maladath house,Kundur PO ,Thrissur                             | 65/2015-16/Gr/Dom/m1573/ dtd 21/8/2015       | Granite Buliding Stone Products | B.87.113/1 | Kodur         | perinthalmanna | Malappuram | 15 Cent    | 08-12-2015 | 08-11-2016 | 6000MT   | 24000 |
| 93 | Kunheedukutti,s/o Veerankutti,chirakkal house ,vadakkumbram po                       | 66/2015-16/Gr/Dom/m1573/15 dtd 21/8/2015     | Granite Buliding Stone Products | 297/5,2    | Kattiparuthi, |                | Malappuram | 24 Cent    | 21/8/2015  | 20/8/2016  | 6000MT   | 24000 |
| 94 | Kunheedukutti,s/o Veerankutti,chirakkal house ,vadakkumbram po                       | 67/2015-16/Gr/Dom/m2001/15 dtd 21/8/2015     | Granite Buliding Stone Products | 138/2      | Kattiparuthi, | Tirur          | Malappuram | 29 Cents   | 21/8/2015  | 20/8/2016  | 2000MT   | 8000  |
| 95 | Managing partner , K M ,Koyamu ,chirayil Granites Industries ,chirayil po. Kondotty. | 68/2015-16/Gr/Dom/M - 2047/15 dtd 01/9/2015  | Granite Buliding Stone Products | 184/1      | Nediyirippu   | Kondotty       | Malappuram | 1 Acre     | 09-01-2015 | 30/8/2016  | 12000MT  | 48000 |
| 96 | Sajeer Moyin, Parasser House, Kumaranallur.P.O.,                                     | 69/2015-16/Gr/Dom/M - 2137/15 dtd 01/9/2015  | Granite Buliding Stone Products | 273/3      | Thiruvalli    | Nilambur       | Malappuram | 30 Cents   | 14/9/2015  | 13/9/2016  | 3000 MT  | 12000 |
| 97 | Abdurahiman, Paramban House, Munduparamb.  | 70/2015-16/Gr/Dom/M - 2212/15 dtd 28/9/2015  | Granite Buliding Stone Products | Q 07-1561  | Melmuri       | Ernad          | Malappuram | 22 cents   | 28/9/2015  | 27/9/2016  | 4000 MT  | 16000 |
| 98 | K.P.Ibrahim, KangattuPuthenveettil House, Vadakkangara.                              | 71/2015-16/Gr/Dom/M - 2346/15 dtd 9/10/2015  | Granite Buliding Stone Products | Q14-2002   | Melmuri       | Ernad          | Malappuram | 7.03 Ares  | 10-09-2015 | 8.10.2016  | 3000 MT  | 12000 |
| 99 | KannanKulavan Kunhimuhammd, Kannankulavan House, Puliyyakkod.P.O.                    | 72/2015-16/Gr/Dom/M - 2409/15 dtd 16/10/2015 | Laterite                        | 28/3       | Kuzhimanna    | Kondotty       | Malappuram | 06.57 Ares | 16/10/2015 | 15/10/2016 | 15000 MT | 60000 |



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| 100 | M.P.Sivasankaran S/o Navu, Mampatta Palliyali House, Kadannamanna. | 73/2015-16/Gr/Dom/M - 2411/15 dtd 16/10/2015 | Granite Buliding Stone Products | 97/2 B         | Mankada        | perinthalmanna | Malappuram | 25 Cents   | 16/10/2015 | 15/10/2016 | 3000 MT  | 12000 |
| 101 | Subair.T.P. Thalikaparambil House, Kuttipuram.P.O.                 | 74/2015-16/Gr/Dom/M - 2072/15 dtd 16/10/2015 | Granite Buliding Stone Products | 352/2          | Naduvattam     | Tirur          | Malappuram | 10 cents   | 16/10/2015 | 15/10/2016 | 4000 MT  | 16000 |
| 102 | Ali Bava, Kizhakke Parambil House, Kuttippuram.                    | 75/2015-16/Gr/Dom/M - 2369/15 dtd 16/10/2015 | Granite Buliding Stone Products | 363            | Naduvattam     | Tirur          | Malappuram | 10 cents   | 16/10/2015 | 15/10/2016 | 4000 MT  | 16000 |
| 103 | Managing partner , Blue Stone Crusher, Oorakam Melmuri.            | 76/2015-16/Gr/Dom/M - 2369/15 dtd 16/10/2015 | Granite Buliding Stone Products | 300/2          | Oorakam        | Thirurangadi   | Malappuram | 20 cents   | 26/10/2015 | 25/10/2016 | 10000 MT | 40000 |
| 104 | V.Ibrahim Haji, Vazhathodi House, Cherukara.P.O.                   | 77/2015-16/Gr/Dom/M - 2508/15 dtd 2/11/2015  | Granite Buliding Stone Products | 7/7            | Elamkulam      | perinthalmanna | Malappuram | 25 cents   | 11-02-2015 | 11-01-2016 | 5000 MT  | 20000 |
| 105 | Shihabuddin S/o Muhammed kutti, Puzhakkal House, Ponnundam.        | 78/2015-16/Gr/Dom/M - 2603/15 dtd 6/11/2015  | Granite Buliding Stone Products | 289/18         | Ponmundam      | Tirur          | Malappuram | 8.24 cents | 11-06-2015 | 11-05-2016 | 2000 MT  | 8000  |
| 106 | P.E.Aboobacker Haji, PEBS Stone Crusher, Valiyaparamb, Mambram.    | 79/2015-16/Gr/Dom/M - 2595/15 dtd 6/11/2015  | Granite Buliding Stone Products | 35/1 A         | A.R.Nagar      | Thirurangadi   | Malappuram | 1 Acre     | 11-06-2015 | 11-05-2016 | 6000 MT  | 24000 |
| 107 | P.K.Jaleel, Best Villa, Master Avenue Road, Thrissur.              | 80/2015-16/Gr/Dom/M - 2559/15 dtd 11/11/2015 | Granite Buliding Stone Products | 310/6          | Thrikkandiyoor | Tirur          | Malappuram | 36 cents   | 11-11-2015 | 11-10-2016 | 3000 MT  | 12000 |
| 108 | P.Muhammadali, Parancheeri Houe, Aravankara, Pookkootoor.          | 81/2015-16/Gr/Dom/M - 2559/15 dtd 11/11/2015 | Granite Buliding Stone Products | Bl.56 / 378/pt | Morayur        | Kondotty       | Malappuram | 50 cents   | 13/11/2015 | 11-12-2016 | 5000 MT  | 20000 |
| 109 | Saidalavi.Pulikkal House, Nediyruppu.P.O.                          | 82/2015-16/Gr/Dom/M - 2552/15 dtd 13/11/2015 | Granite Buliding Stone Products | 449/4          | Kondotty       | Kondotty       | Malappuram | 5 cents    | 13/11/2015 | 11-12-2016 | 3000 MT  | 12000 |



|     |   |  |                                 |            |                |               |            |               |            |            |          |       |
|-----|---|--|---------------------------------|------------|----------------|---------------|------------|---------------|------------|------------|----------|-------|
| 110 | K.B.Abdurahiman, Mg.Partner, Madeena Granite, Elad.P.O.                     | 83/2015-16/Gr/Dom/M - 2839/15 dtd 7/12/2015  | Granite Buliding Stone Products | 1/1        | Perinthalmanna | Elamkulam     | Malappuram | 1 Acre        | 12-07-2015 | 12-06-2016 | 3000 MT  | 12000 |
| 111 | Shameem.P., Paingeeri House, Kolathur.P.O.                                  | 84/2015-16/Gr/Dom/M - 2958/15 dtd 9/12/2015  | Granite Buliding Stone Products | 345/ 8     | Perinthalmanna | Moorkkanad    | Malappuram | 11.75 cents   | 12-09-2015 | 12-08-2016 | 2000 MT  | 8000  |
| 112 | Abdurahim.K.P.S/o Kunhimarackar, Kunnath Parambil House, Perumanna.         | 85/2015-16/Gr/Dom/M - 3022/15 dtd 11/12/2015 | Granite Buliding Stone Products | 232/1      | Thirurangadi   | Edarikkod     | Malappuram | 10 Cents      | 12-11-2015 | 12-10-2016 | 2000 MT  | 8000  |
| 113 | Faisal.K.P., Kuppiyan House, Okkal.P.O.                                     | 86/2015-16/Gr/Dom/M - 3021/15 dtd 11/12/2015 | Granite Buliding Stone Products | 99/ 7      | Kondotty       | Cherukavu     | Malappuram | 20 Cents      | 12-11-2015 | 12-10-2016 | 2000 MT  | 8000  |
| 114 | Shahul Hameed, Chenath House, Kuttippala.                                   | 87/2015-16/Gr/Dom/M - 2672/15 dtd 11/12/2015 | Granite Buliding Stone Products | 44/2       | Tirur          | Perumanna     | Malappuram | 8.09 Ares     | 12-11-2015 | 12-10-2016 | 2000 MT  | 8000  |
| 115 | Muhammed Yasin, Kuniyil House, Kannattippadi.                               | 88/2015-16/Gr/Dom/M - 3224/15 dtd 28/12/2015 | Granite Buliding Stone Products | 60/1       | Thirurangadi   | Vengara       | Malappuram | 30 Cents      | 28/12/2015 | 27/12/2016 | 5000 MT  | 20000 |
| 116 | Muhammed Faisal, Valiyamannil Granites, Naduvattam.P.O.                     | 89/2015-16/Gr/Dom/M - 3248/15 dtd 30/12/2015 | Granite Buliding Stone Products | 155/5 B 2  | Tirur          | Naduvattam    | Malappuram | 1 Acre        | 30/12/2015 | 29/12/2016 | 2000 MT  | 8000  |
| 117 | Nisab.P.,Thachampatt House, Kolathur.P.O.                                   | 90/2015-16/Gr/Dom/M - 3247/15 dtd 1/1/2016   | Granite Buliding Stone Products | 34/8       | Perinthalmanna | Puzhakattiri  | Malappuram | 24 cents      | 01-01-2016 | 31/12/2016 | 2000 MT  | 8000  |
| 118 | Hamsath Ali, Naduvath Kalathil House, Koottilangadi.                        | 91/2015-16/Gr/Dom/M - 7/16 dtd 6/1/2016      | Granite Buliding Stone Products | 21/8       | Perinthalmanna | Koottilangadi | Malappuram | 15.75 Cents   | 6/1/2016   | 01-05-2017 | 3000 MT  | 12000 |
| 119 | Abdul Azeez, Managing Director, Grand Stone Metals Pvt. Ltd; Kannamangalam. | 92/2015-16/Gr/Dom/M - 11/16 dtd 6/1/2016     | Granite Buliding Stone Products | 21/2       | Thirurangadi   | Kannamangalam | Malappuram | 30 Cents      | 6/1/2016   | 01-05-2017 | 12000 MT | 48000 |
| 120 | Adnan Mandris, Managing Partner, Vadakkumbram Granite Crusher, Karekkad.    | 93/2015-16/Gr/Dom/M - 110/16 dtd 15/1/2016   | Granite Buliding Stone Products | 362/4, 363 | Tirur          | Melmuri       | Malappuram | 1.68 Hectares | 15/1/2016  | 14/1/2017  | 5000 MT  | 20000 |

**Table 2g: List of short-term quarrying permits granted for ordinary clay**

| Sl no | Concession holder's name and address  | Concession no.                               | Mineral       | Survey no | Village     | Thaluk   | District   | Area(ha) | Valid from | Valid to   | Quantity(MT) | Royalty(Rs)   |
|-------|---|--|---------------|-----------|-------------|----------|------------|----------|------------|------------|--------------|---|
| 1     | Sri. Kunjimarakkal haji ,s/o kutti hassan , nambrath house ,valancheri 9446230936 | 01/2014-15/OC/DOM/M-3223/12 Dtd 19/05/2014   | Ordinary Clay | 37/2A     | Irimbilyam  | Tirur    | malappuram | 10 Cents | 19/05/2014 | 18/06/2014 | 1600MT       | 16000/- Ch. 142 Dt 11/08/2014 ST Mji.                                   |
| 2     | Sri KV Krishnakumar,Kunnathully house ,Ayyanthole,Trissur 9961541114              | 02/2014-15/OC/DOM/M-12/2013 Dtd 04/08/2014   | Ordinary Clay | 86        | Pullippadam | Nilambur | malappuram | 10 Cents | 08-04-2014 | 30/08/2014 | 1600 MT      | 11000/-Ch.97 Dt,24/4/13 . Rs 5000/- .Dt31/07/2014                       |
| 3     | Sri KV Krishnakumar,Kunnathully house ,Ayyanthole,Trissur 9961541114              | 03/2014-15/OC/DOM/M-12/2013 Dtd 19/09/2014   | Ordinary Clay | 86        | Pullippadam | Nilambur | malappuram | 10 Cents |            | 13/10/14   | 1600 MT      | 200/ 17/9/14 ,ch 211 ,16000 /, ch 19dt 19/9/14                          |
| 4     | Sri KV Krishnakumar,Kunnathully house ,Ayyanthole,Trissur 9961541114              | 04/2014-15/OC/DOM/M-12/2013 Dtd 5/11/2014    | Ordinary Clay | 86        | Pullippadam | Nilambur | malappuram | 10 Cents | 11-05-2014 | 23/11/14   | 800MT        | 200/ch 2588 dtd 1/11/14, 12800/,dtd 5/11/14 ch ,521                     |
| 5     | Sri KV Krishnakumar,Kunnathully house ,Ayyanthole,Trissur 9961541114              | 05/2014-15/OC/DOM/M-3223/2012 Dtd 14/3/2014  | Ordinary Clay | 37/2 A    | Irimbilyam  | Tirur    | malappuram | 7 cent   | 14/11/2014 | 23/11/14   | 1050 MT      | 2///ch.169 dtd.13/11/14 10500/ dtd.14/11/14 ch.212                      |
| 6     | VT Arif,s/o Kunhimoidheen,vennathodika H,po Edavanna                              | 06/2014-15/OC/DOM/M-3370/2013 Dtd 19/01/2015 | Ordinary Clay | 144/3     | Edavanna    | Ernad    | malappuram | 10 Cents | 19/01/2015 | 16/02/2015 | 1600 MT      | 16000/ chalan no .124 dtd 19/01/2015,48000 chalan no .230 dtd 5/01/2015 |

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## **Geology of Kerala**

### **Physiography**

Physiographically the state can be divided into four domains from east to west, viz., the Western Ghats, the foothills, the midland and the coastal low-land.

### **Western Ghats**

The hill ranges of the Western Ghats rise to an altitude of over 2500m above the MSL and the crest of the ranges marks the inter-state boundary in most of the places. A breach in the continuity of the ranges marks the Palghat Gap with a sinistral shift of 50 km between the shifted crests. The Wynad plateau and the Munnar (10°57'00": 77°31'00") upland fall within this zone.

### **Foothills**

The foothills of the Western Ghats comprise the rocky area from 200 to 600m above MSL. It is a transitional zone between the high-ranges and midland.

### **Midland region**

This forms an area of gently undulating topography with hillocks and mounds. Laterite capping is commonly noticeable on the top of these hillocks. The low, flat-topped hillocks forming the laterite plateau range in altitude from 30-200m and are observed between coastal low-land and the foothills.

### **Coastal low-land**

Coastal low-land is identified with alluvial plains, sandy stretches, abraded platforms, beach ridges, raised beaches, lagoons and estuaries. The low-land and the plains are generally less than 10m above MSL.

### **Rivers**

Kerala is drained by 44 rivers, many of which originate from the Western Ghats. Except Kabini, Bhavani and Pambar which are east-flowing, the rest of rivers are west-flowing and join the Arabian Sea. A few of them drain into the backwaters. Most important rivers (with their length in km in parenthesis) of the state, are Chandragiri(105), Valapatnam (110), Achankovil (120) Kallada (121), Muvattupuzha (121), Chalakudy (130), Kadalundi(130), Chaliyar (169), Pampa (176), Bharathapuzha (209) and Periyar (244).

### **Geology**

Geologically, Kerala is occupied by Precambrian crystallines, acid to ultra basic intrusives of Archaean to Proterozoic age, Tertiary (Mio-Pliocene) sedimentary rocks and Quaternary sediments of fluvial and marine origin (Fig.I). Both the crystallines and the Tertiary sediments have been extensively lateritised.

Based on the detailed studies by GSI during the last three decades, the following stratigraphic sequence has been suggested.

|   |   |  |
|---|---|--|
|   | Quaternary (Q)  | Pebble bed<br>Kadappuram Formation (marine)<br>Periyar Formation (fluvial)<br>Viyam Formation (fluvio-marine)<br>Guruvayur Formation (Palaeo-marine)<br>Laterite   |
|   | Mio-Pliocene (N12)<br>(Tertiary Tt)                                 | Warkalli Formation<br>(Sandstone and clay with<br>lignite intercalations)<br>Quilon Formation<br>(Fossiliferous limestone and<br>calcareous marl).   |
|   | Mesozoic<br>(61-144Ma.)   | Gabbro / Dolerite dykes  |
| P | Younger granites<br>(550-390Ma)                                     | Alkali granites, granite, Granophyres and other acid<br>intrusives   |
| R |   |  |
| O | Chamockites (younger)<br>(550Ma)                                    | Massive chamockite, incipient chamockite,<br>Cordierite chamockite   |
| T |   |  |
| E | Ultrabasic/basics (Younger)<br>(700-600Ma)                          | Perinthatta anorthosite, Kartikulam gabbro,<br>Adakkathodu gabbro, Begur diorite   |
| R |   |  |
| O | Basic Intrusives<br>(2100-1600Ma)                                   | Agali- Anakkatti dykes   |
| Z |   |  |
| O | Migmatite/gneiss/older<br>granitoid (PGC II)<br>(Ptm) (2500-2200Ma) | Gamet-biotite - gneiss with associated migmatites,<br>quartzo-felspathic gneiss, homblende gneiss,<br>homblende-biotite gneiss, quartz-mica gneiss   |
| I | Vengad (APtv) Group   | Quartz-mica schist and quartzite, conglomerate   |
| C |   |  |
| A | Chamockite (older) (Ac)<br>2600Ma                                   | Mafic granulite, pyroxene granulite, Banded<br>magnetite quartzite and gneissic chamockite   |
| R |   | Quartzite, mafic granulite, calc-granulite gamet-<br>biotite-sillimanite-cordierite gneiss, gamet-biotite-<br>gneiss, leptynite  |
| C | Khondalite Group (Ak)   |  |
| H | Peninsular Gneissic<br>Complex (PGC I) (Ap)<br>(3000Ma)             | Foliated granite, homblende gneiss, pink granite<br>gneiss, biotite gneiss   |
| A | Layerd ultrabasic - basic<br>Complex (3100- 3000Ma)                 | Peridotite, dunite, pyroxenite, anorthosite  |
| E |   |  |
| A | Wynad Schist Complex<br>(Aw) (3200Ma)                               | Talc-tremolite schist, fuchsite quartzite,<br>amphibolite, calc granulite, quartz sericite schist,<br>kyanite quartzite, gamet - sillimanite gneiss/ schist,<br>magnetite quartzite, kyanite mica schist |
| N |   |  |

Base not recognised

## **The Archaeans**

Rocks of Archaean Era encompass a wide spectrum of litho-assemblages ranging from khondalite, charnockite, gneiss and meta-sedimentary rocks occupying the Western Ghats including the foothill region. The Khondalite and Charnockite Group are correlated with the Eastern Ghat Supergroup based on the overall similarity in lithology and geochronology.

## **Wynad Supracrustals**

The meta-sedimentary, and ultramafic rocks occurring in the Wynad District generated keen interest among the GSI geologists in 1970s. The high-grade Wynad supracrustal rocks are correlated with the Sargur Schist Complex of the Karnataka (Nair, *et al*, 1975; Adiga, 1980). The schistose rocks are characterised by intense deformation, medium to high-grade metamorphism, migmatitisation and lack of sedimentary structures. The schist complex consists of meta-ultramafites, schist, meta-pelites, meta-pyroxenite, serpentinite, talc-tremolite rock and amphibolite.

The meta-sedimentaries occur as thin linear bodies within the migmatites. These consist of pelites, psammopelites and quartzites. The predominant rock types are corundum- mica schist, kyanite schist, quartz- mica schist and iron stone.(Anil Kumar *et al*,1993).

These rocks occur as narrow arcuate belts, lenses, and other forms of enclaves within Peninsular gneisses and charnockite. The group can be divided into medium-to low- grade metasedimentary rocks and meta-mafic and meta-ultramafic rocks. The lithology of the high-grade schists consist of quartz-mica schist with kyanite, quartz-sericite schists,quartzites,magnetite quartzite, fuchsite quartzite and meta-ultramafites. Their contact with the surrounding gneisses are concordant due to later co-folding. Several linear belts of such high-grade schists and ultramafite enclaves occur as isolated bands within the granulite and gneissic terrain of Kasaragod and Kannur districts.

## **Layered ultrabasic- basic complex**

Remnants of layered basic- ultrabasic complex are reported from Attappadi area(Nambiar 1982).The ultramafics are represented by meta-pyroxenite, meta-dolerite, peridotite with chromite and meta-gabbro (Lahiri *et al*, 1975). The anorthosite of Attappadi is only a few metre thick. Occurrences are around Narsimukku, Pudur and Melmulli areas. An east-west trending narrow lenticular body of serpentinitised dunite is reported from Punalur mica mine belt.

A minor body (200 m long and 10-15m wide) of anorthosite was reported within pyroxene-granulite-charnockite terrain from Katanjari *parambu* of Kasargod district (Adiga, 1979).



Another dismembered layered igneous complex consisting of alternate layers of peridotite and pyroxenite within charnockite was traced around Panathadi area of Kannur District (Adiga, 1980).

### **Peninsular Gneissic Complex- I (PGC-I)**

The rocks of Peninsular Gneissic Complex (PGC) are exposed in the northern parts of Kerala adjoining Karnataka . This consists of a heterogeneous mixture of granitoid materials. The equivalent rocks of PGC in Kerala include hornblende-biotite gneiss (sheared), biotite-hornblende gneiss, foliated granite and pink granite gneiss. Granite gneiss is exposed along the intra-State boundary of Palakkad District as well as in Idukki District. Pink granite gneiss, though widespread, is best developed in Devikolam (10°04'00": 77°06'30"), and Udumbanchola (10°00'00":77°15'00") areas of Idukki District.

This consists of gneisses showing preponderance of either hornblende or biotite. The percentage of hornblende and biotite varies from place to place. This can be traced from Manantoddy to further northwest upto the west coast. West of Manantoddy, the rock is hornblende gneiss. It shows coarse granulitic to gneissic texture and is composed of hornblende, feldspar, quartz, pyroxene, biotite and garnet. Alkali feldspar shows alteration to clay and sericite. Biotite is mainly secondary after hornblende.

Around Mahe and Thalasseri, the biotite gneiss(Nair *et al.*, 1974) is medium-grained and gneissose rock consisting of alternate layers of mafics and felsics.

### **Khondalite Group**

The Khondalite Group of rocks include calc-granulites, quartzite and para-gneisses of pelitic parentage. Para-gneisses are ubiquitous and are well-developed in the southern part of the state, particularly, in Thiruvananthapuram and Kollam districts. Calc-granulite and quartzite occur as bands within the para-gneisses and amidst the Charnockite Group and migmatitic gneisses.

#### ***Calc-granulite***

Calc-granulite occurs as linear bands mainly in the eastern part of Kollam and Thiruvananthapuram District, northeast and east of Munnar in Idukki district and in parts of Palakkad District. The rock is generally medium to coarse-grained, inequigranular and granoblastic in texture. It consists of diopside and plagioclase. Minerals like wollastonite, scapolite, calcite, garnet, spinel, sphene, quartz and apatite are also present in different proportions.

### ***Quartzite***

Quartzite occurs as linear bands amidst the khondalitic gneiss, charnockite and migmatitic gneisses. These bands are exposed between Pathanamthitta (9°15'45": 76°47'00"), and Muvattupuzha (9°59'00": 76°35'00") in Ernakulam District. The rock is coarse-grained and generally white in color with a brownish coating on the weathered surface. It consists of granular quartz with subordinate feldspar, garnet and iron oxide.

### ***Garnetiferous biotite-sillimanite gneiss***

Garnetiferous biotite- sillimanite gneiss is well-developed in the southern part of the state. It occurs in close association with the migmatitic gneisses, charnockite and charnockite gneisses, mostly as weathered outcrops. Sillimanite- rich bands occur alternating with garnet - rich portions or with quartzo-feldspathic layers. Rutile and iron oxides are the common accessory minerals.

### **Charnockite Group**

Charnockite Group shows great diversity in lithology comprising pyroxene granulite, hornblende pyroxenite, magnetite quartzite, charnockite and hypersthene-diopside gneisses and cordierite gneiss. Charnockite and charnockitic gneiss have preponderance over all other crystalline rocks covering 40 -50% of the total area of the State. The charnockites are well-exposed in the central and northern parts of Kerala including the high-hills of the Western Ghats. Charnockite has lesser predominance in Thiruvananthapuram and Kollam districts. In Attappady, the Bhavani Shear Zone is limited by the charnockite massif of the Nilgiri plateau on the north. Though the interrelationship of the Charnockite and the Khondalite is not clear, in many places there are intercalations rather than interlayering of one with the other. In Palakkad District, the Khondalite Group of rocks structurally overlie the charnockite. The occurrence of pyroxene granulite as fine and linear bodies within the charnockite of Tirur, suggests that charnockite is a product of migmatization of pyroxene granulite (Vidyadharan and Sukumaran, 1978). Charnockite and charnockitic gneiss consist of quartz, feldspar and biotite. Garnet-bearing variants are also observed. The basic charnockite is more granulitic and contains clino- and ortho- pyroxenes, feldspar, biotite and garnet whereas the acid variety (alaskite/ enderbite) is greenish black, coarse-grained, massive to poorly foliated rock consisting of quartz, feldspar and pyroxenes. Basic charnockite has low- potash feldspar and more clinopyroxene. This is devoid of garnet and graphite, but shows a little amount of biotite (Chacko, 1922). Due to the polygenetic nature of the rock, geochemical and

mineralogical variations do exist between charnockites reported from Kerala. In the Periyar valley region, in Idukki and Kottayam districts, pyroxenite and alaskite constitute the Charnockite Group (Nair, and Selvan, 1976).

The available age data indicate that the massive charnockites are older and their ages range between 2155 and  $2930 \pm 50$  Ma (Soman, 1997).

Also charnockite has been subjected to retrogression and migmatization.

## **Archaean to Palaeo-Proterozoic**

### **Vengad Group**

A succession of schistose rocks in parts of Tellicherry taluk in Kannur district is described as Vengad Group of rocks (Nair, 1976). The Vengad Group comprises of basal conglomerate, quartzite and quartz-mica schist. The contacts are highly gradational. The conglomerate shows graded bedding and quartzite shows current-bedding.

An angular unconformity marked by conglomerate horizon extending from Kuthuparamba ( $11^{\circ}49'30''$ :  $75^{\circ}34'00''$ ) to Vengad ( $11^{\circ}53'30''$ :  $75^{\circ}32'00''$ ) in Kannur district, separates the younger quartz-mica schist and quartzite from the older schistose and gneissic rocks. The lithology consists of basal oligomictic conglomerate, quartzite, quartz-biotite-muscovite schist and biotite quartzite. The schists are exposed over an area of 300 sq km having a lensoidal shape with its longer axis trending in NW-SE direction. The basement rock is gneissic or migmatitic with relicts of high-grade schists, ultramafites and quartzites of the Wynad Schist Complex. Four major occurrences of conglomerate are noticed in a NW-SE direction over a length of 10 km.

Lack of migmatization, presence of primary structures and low-grade metamorphic minerals characterize these rocks.

### **Migmatite\ Gneiss\ Granitoid (PGC-II)**

#### **Quartzo-feldspathic gneiss**

Migmatite includes variety of gneissic rocks which are next in importance to charnockite as a dominant litho-assemblage. Quartzo-feldspathic gneiss occurring along the contact zone between garnet-biotite gneiss and garnet-sillimanite gneiss of Thiruvananthapuram area represents an original intrusive phase. It is a feebly foliated, fine-grained, leucocratic granulitic

rock occurring in close association with garnet-sillimanite gneiss and garnet-biotite gneiss with gradational contact relationship in the southern parts of Kerala. The origin of this rock is attributed to stress-induced injection of acid materials into the host rocks (Nageswara Rao and Raju, 1970).

### **Garnet- biotite gneiss**

Garnet-biotite gneiss is well-developed in the northeastern parts of Kollam and Thiruvananthapuram districts. This carries inclusions of pyroxene granulite and disseminations of graphite at many places (Jacob, 1965). It consists of quartz, microperthite, biotite, plagioclase and graphite. This rock also occurs in the northern parts of Palakkad District in close association with khondalite, charnockite and hornblende gneiss. These rocks are subsequently formed by retrogression and migmatization of the Khondalite Group.

East of Kottayam and Idukki districts, light grey, pink garnet-bearing biotite gneiss is widely seen. It is a gneissic granulite. The presence of biotite and concentration of garnet in layers give the rock a banded appearance. (GSI, 1995).

### **Hornblende gneiss, hornblende-biotite gneiss, quartz- mica gneiss**

These rock types occur within the migmatites and associated retrograded charnockite. The naming is purely based on the preponderance of the minerals and these rocks occur in the Periyar valley area east of Thodupuzha. (Nair and Selvan, 1976). These medium-grained, foliated, banded rocks consist of alternate layers rich in hornblende or biotite. Bands of coarse to medium-grained light grey to pink granite traverse these rocks. Hornblende- biotite gneiss showing lit par lit relationship with the granite gneisses is the dominant rock type in the Periyar valley. This is admixed with contorted bands and enclaves of pyroxene granulite, calc-granulite and hornblende- biotite granulite. These are highly deformed.

In the Palakkad gap area, these gneisses occur over a large area, showing migmatitic structures such as agmatites, nebulites, schlierens, ptygmatic folds, quartzo-feldspathic neosomes and ferromagnesian palaeosomes. (Muraleedharan and Raman, 1989).

## **Proterozoic**

### **Basic intrusives**

Basic dyke emplacements within the Archaean crystalline rocks of Kerala are spread throughout the entire length and breadth of the state. Of these, dolerite dyke occurring north of the Palakkad gap had given Proterozoic age whereas in the south this dyke is of Phanerozoic

age. The older basic dykes are metamorphosed along with the country rocks and are now recognised as epidiorite and amphibolite. Another set of dykes, apparently post-dating the regional metamorphic event are subjected to thermal metamorphism. Clouding and sericitisation of feldspars and uralitisation of pyroxenes are common in such dykes. In the absence of chronological data such dykes are considered to be of Proterozoic age. Most of the dykes are vertical in disposition and are traced as linear features. *En-echelon* pattern of some dyke swarms suggests that magmatic intrusion was controlled by shearing of the host rock., Mineralogically, the dykes are made up mostly of plagioclase feldspar and pyroxene(augite and aegirine-augite) with magnetite, apatite and olivine as accessories. The ENE-WSW dolerite dyke swarm of Agali- Anakkati area in Palakkad District within the Bhavani Shear zone showed in isotopic age from 1900 to 2000 Ma (Radhakrishna and Mathew Joseph, 1993). The rock is highly jointed and altered (Jacob, 1965). Similar basic intrusive bodies are traced in the Achankovil shear zone in Vazhamuttam (9°14'00":76°46'40"), Kulasekhara pettah (9°16'00":76°47'45") (Thomas Mathai *et al*, 1984). Sheet-like bodies of fine to medium-grained, dark coloured meta-gabbro occurs in Periyamuli (11°13'00"; 76°43'00") for about 20 km in ENE-WSW direction, Karuvarai (11°04'00"; 76°32'30") and few gabbro bodies south of Thuvapattu (11°06'30"; 76°44'45") in Attapady valley, Palakkad district. Meta-gabbro forms small hillocks east of Payyanam (10°31'00"; 76°21'00"), southwest of Kainur (10°36'00"; 76°09'00") and Chemmannur (10°41'00"; 76°01'00"), Vaga (10°35'00"; 76°06'00") and Arthat (10°37'00"; 76°03'00") in Trichur District (Mahadevan, 1962).

Dykes in north Kerala show , NW-SE, NE-SW and NNW-SSE trends. Host rocks are charnockite, gneisses and supracrustals(Radhakrishna *et al* 1991). Dykes are mainly dolerite but occasional meta-gabbro or meta-norite are also traced. In Agali- Anaikatti area of the Attapadi- Bhavani shear zone, dykes are confined within a 20-25km wide zone and extend from west of Agali to eastward for about 100km following a ENE-WSW direction.(Radhakrishna, *et al*, 1999).

The rock consists of 95% calcic plagioclase, 5% clinopyroxenes and subordinate amounts of magnetite. There are a number of concordant and discordant basic intrusive of dolerite and gabbro,meta-gabbro, meta-norite, meta-pyroxenite and anorthositic gabbro. These are not mappable and are seen in Pappinpra (11°06'20", 76°05'56") Velli(11°04'00":76°07'45"),

Kalpetta (11°04'12":76°05'32"). An extensive basic diorite has been mapped over an area of 25 sq km at Panavalli (11°53'30", 76° 2'30"; Nair, *et al* 1976).

The rock is composed predominantly of calcic plagioclase (95%) rest clinopyroxene with subordinate amount of magnetite. Another relatively small body of anorthosite is around Kalivalli (11°51'30"; 76°12'30") in south Wynad taluk, Wynad District.

### **Ultrabasic/ basic intrusive (younger)**

#### **Perinthatta Anorthosite**

A major elliptical body of anorthosite spread over an area of more than 50 sq.km is reported from Perinthatta (12°10'00":75°17'30"; Vidyadharan *et al*, 1977). The anorthosite is with a very irregular border and a tongue-like projection into the country rock of charnockite and pyroxene granulite of Kannur District. The anorthosite is coarse to very coarse-grained, and shows variations from pure anorthosite to gabbroic anorthosite and gabbro from the centre to the periphery suggestive of zoning. The modal composition corresponds to nearly 95% plagioclase (An<sub>58-72</sub>) and <10% clinopyroxene, apatite, calcite and magnetite. The gabbroic variants have more of mafics.

The structural configuration suggests that the anorthosite was emplaced in synformal structure as a phacolith. The flow-banding in anorthosite indicates its syntectonic emplacement. The Perinthatta anorthosite is assigned a Proterozoic age.

#### **Ezhimala gabbro-granophyre complex**

The major high-relief feature proximal to the Perinthatta anorthosite is constituted by the gabbro-granophyre Complex (Nair and Vidyadharan, 1982). The granophyre massif is fringed by the gabbro to the east and south. The Bavali fault running north of the complex is presumed to have dismembered the body from the Perinthatta anorthosite. Locally, the gabbro has anorthositic differentiates within it. Veins of granophyre traverse the gabbro at places give rise to breccia-like structures. The granophyre shows a sharp contact with the gabbro into which it intrudes. Rapakivi structure is observed within the granophyre. According to Nair and Vidyadharan (1982) rocks of Ezhimala complex display bimodal character with conspicuous basic and silicic components.

#### ***Kartikulam and Karraug Gabbro***

Two gabbro bodies namely Kartikulam gabbro and Karraug gabbro are located northeast of Manantoddy bordering the Karnataka (Nair *et al*, 1975). The gabbro body at Kartikulam

occupies an area of about 45 sq.km. with an elliptical shape within the gneissic terrain. The actual contact with the gneiss is concealed but it is believed to be sharp. At many places, the gabbro is agmatized by coarse quartzo-feldspathic material.

The gabbro is coarse-grained and of uneven texture consisting essentially of plagioclase and pyroxene. Variation to anorthositic composition is noticed. The plagioclase is of labrodorite composition and shows alteration to sericite at places (Rema Warriar and Venkataraman, 1986). The pyroxenes are uraltized to varying degrees.

The Karraug gabbro body is located east of it and south of the Kabini River. It shows similar features as that of the Kartikulam gabbro. The rock shows phenocrysts of feldspar set in a fine matrix of flaky minerals.

### **Adakkathodu gabbro**

At Adakkathodu (12°31'35"; 75°10'25"), northwest of Manantoddy, a 8 km long meta-gabbro, is intrusive into the basement gneisses on three sides and the Wynad schists in the east. It occurs proximal to the Bavali fault/lineament. It encloses patches of quartz-sericite schists and biotite gneiss. (Nair *et al*, 1975). The rock is mesocratic to melanocratic, medium to coarse grained consisting mainly of pyroxene and plagioclase. The rock shows sub-ophitic texture and consists of enstatite and intermediate plagioclase of andesine-labrodorite composition (Nair *et al*, 1976). While the gabbro bodies of Kartikulam and Karraug to the east are olivine-bearing, the Adakkathodu gabbro is enstatite-bearing. Olivine, augite and zoned feldspars are recorded from the eastern body while the western body is enstatite-bearing, without the zoning in feldspar.

### **Begur diorite**

An extensive basic diorite body (25 sq.km.) has been traced north of Manantoddy in the Begur Reserve Forest (Nair, *et al*, 1976). It extends from Thirunelli to the Karnataka State border. The southern contact is with augen gneisses indicating emplacement along shear zones while the northern one with sillimanite gneisses. Aplite and dolerite veins are seen traversing the rock mostly parallel to the regional foliation. The rock is mesocratic to melanocratic, coarse-grained and consists of pink to grey feldspar, hornblende and biotite.

The rock is feebly gneissic and at places porphyritic (Rema Warriar and Venkataramana, 1986). The phenocrysts are mostly plagioclase. Mafics at times swerve round the phenocrysts



giving rise to augen structure. Hornblende is altered to biotite and chlorite. Accessories include epidote, apatite, zoisite and opaques.

The diorite shows tholeiitic characteristics. The diorite is considered as a transitional rock from the gabbro with which it is spatially associated in the nearby area with the plagioclase become more sodic.

### **Charnockites [younger]**

The area south of Palakkad exposes charnockite over large areas. The charnockites are represented by acid micropertitic charnockite and intermediate gneissic charnockite occurring in association with garnetiferous biotite gneiss and khondalite (Narayanaswamy and Purna Lakshmi, 1967). Massive charnockites are developed on a regional scale and occur as mappable litho-units (Raju and Gopalakrishnan, 1972), around Nedumangad. The massive charnockites in majority of the cases are acid and intermediate in composition. The rock is medium to coarse-grained and shows xenoblastic texture. It is composed of quartz, feldspar, pyroxenes, garnet and graphite with accessories like biotite, zircon, apatite and monazite.

Small patches, lenses or veins of charnockite occur in the gneisses of amphibolite facies in the Thiruvananthapuram area (Nageswara Rao and Raju, 1970). Here, the incipient charnockites are thought to have formed by transformation of paragneisses. (Hansen *et al*, 1987; Santosh *et al*, 1990). A few dominant varieties of incipient charnockites have been categorized by Ravindra Kumar and Chacko (1986) on the basis of their mode of occurrence, association and chemical processes involved in their development. At Kottavattom, north of Thiruvananthapuram, the charnockite consisting of quartz, K-feldspar, plagioclase, biotite, garnet and orthopyroxene as essential minerals and graphite, zircon, ilmenite, monazite, apatite, rutile and magnetite as accessory minerals are products of transformation of gneisses into coarse-grained charnockites along a system of conjugate fractures and foliation planes. (Saritha and Santosh, 1996).

### **Cordierite or Charnockite Gneiss**

Cordierite bearing large linear zones of charnockites were reported around Pathanamthitta (Nageswara Rao and Jacob, 1967) area. Cordierite charnockites or orthopyroxene-garnet-cordierite bearing gneisses (Sinha Roy *et al*, 1984; Santosh, 1987) occur as discontinuous bodies in the northern parts of Thiruvananthapuram and in selected stretches further south around Koliakode. The rock is composed of cordierite, orthopyroxene, plagioclase, K-feldspar, spinel and quartz and a little garnet and biotite.

The growth of cordierite and orthopyroxene took place concomitantly during the conversion of gneisses to charnockites. At Nellikala in Pathanamthitta, the cordierite occurs as anhedral grains of variable sizes in the charnockites (Nandakumar, 1996).

### **Younger granites**

The granites and its variants occur around Chengannur in Alappuzha and Pathanamthitta districts, Munnar in Idukki District, Peralimala in Kannur district and Kalpetta and Ambalavayal in Wynad District. Many of these granites occur as later emplacements along crustal fractures and faults. The Achenkovil – Tamraparni tectonic zone, the Attapadi shear zone, Bavali shear zone and the Moyar shear zone are all marked by granitic emplacements

### **Ambalavayal granite**

The Ambalavayal (11°37'15"; 76 °03'30") granite having an oval shape covers an area of 50 sq.km. The granite is light pink in color and is composed of quartz, pink feldspar, hornblende and biotite. The pegmatites traversing the granite show occasional flakes of molybdenite. The Amabalavayal granite occurring in the proximity of the Bavali lineament is thought to be emplaced during its reactivation. The granite is intrusive into the hornblende-biotite gneiss (migmatite) and the Wynad Supracrustals (Anilkumar *et al*, 1993). Four types of granites are recorded, viz. foliated granite, pink granite, grey granite and aplitic granite.

The foliated granite consists of quartz, microcline, orthoclase, plagioclase, biotite, hornblende, chlorite, calcite and zircon. The pink granite is a medium-grained consisting of quartz, microcline, plagioclase, sericite, chlorite, apatite, rutile, zircon and biotite. The grey granite is a medium-to fine-grained rock consisting of quartz, microcline, sericite, biotite, chlorite and calcite. The aplitic granite is a very fine-grained massive rock consisting of quartz, microcline, orthoclase, plagioclase, sericite, biotite, calcite, chlorite, apatite and opaques.

K-Ar age of Ambalavayal granite ( $560 \pm 30$  Ma, Nair, *et al*, 1985) is lower than Rb-Sr age ( $595 \pm 20$  m.a Santhosh *et al*, 1986), but is higher than that of U-Pb-age ( $505 \pm 20$  ma, Odom, 1982). The reason for this variation in the date may be attributed to the different techniques adopted and also to the presence of biotite of multiple generation.

### **Munnar granite**

The Munnar (10°05'00"; 77°05'00") granite with an areal extent of 50 sq km is an E-W trending irregular body emplaced within the migmatite and apophyses extend into the surrounding gneisses. The granite dated to be  $740 \pm 30$  m.y (Odom, 1982) is traversed by pegmatite, aplite

and quartz veins. Three types of granite are recorded. Foliated granite, Coarse pink granite and medium grey granite. The foliated granite consists of stringers and streaks of mafics consisting of biotite, hornblende, chlorite and magnetite alternating with felsics consisting of quartz and potash feldspar. Potash feldspar is predominantly orthoclase. The closely spaced foliations are persistent but discontinuous. This granite forms a domal structure south of Munnar. It has a sharp contact with the migmatite. Coarse pink granite consists of pink feldspar, quartz and a little amount of mafics. Mafics are biotite, sphene and hornblende. Medium grained grey granite, consists of quartz, feldspar, biotite, chlorite, zircon, sphene, epidote, calcite and sericite.

Major element data of Munnar granites do not show any significant variation amongst the three granites. Content of iron is more in medium grey granite and foliated granite. Different variation diagrams reveal a slight tendency towards alkali granite. The foliated granite shows more percentage of orthoclase than the other two granites. (Nair and Anil Kumar, 1990)

### **Ezhimala granophyre – granite complex**

A prominent granophyre body forms the hill known as Ezhimala, covering an area of 20 sq km in Kannur District. The granophyre is associated with gabbro and granite and is traversed by dolerite dykes. Two types of granophyres have been deciphered; coarse-grained leucocratic one and medium-grained one with more mafics. Drusy type, confined to higher elevation contain numerous vug lines with secondary minerals like quartz and calcite. Rocks of Ezhimala Complex display bimodal character with conspicuous basic and silicic components and total lack of rocks of intermediate composition typical of anorogenic suites (Nair and Vidyadharan, 1982). The granophyre is pink to ash grey coloured, massive, fine to coarse-grained, holocrystalline with equigranular texture. The granites are of two types. The major light pink granite with less of mafics show gradational relationships with the more greyish porphyritic variant (Varadan and Venkataraman, 1976).

Granophyre shows a typical granophyric intergrowth of quartz and feldspar forming the ground mass with phenocrysts of potash feldspar and some zoned plagioclase. The groundmass is totally of orthoclase. Augite is the chief ferro-magnesium mineral. Accessories include apatite, sphene, epidote, calcite and magnetite. Texturally the rock shows variation from coarse-grained leucocratic types with less mafics in the southern portion of the hill and medium to coarse grained type towards northern parts.

Minor outcrops of rapakivi granites are recorded within the granophyres of Ezhimala Complex. Anorthosites of Perinthatta and Kadannappally and granite, granophyre of Ezhimala together form the Ezhimala Complex. The light pink granite with less mafics is the major variety showing a gradational relationship with the more greyish porphyritic variety. The porphyritic variety, at places, shows rapakivi structure. The porphyritic granite shows mantled feldspar megacrysts. This variety grades into porphyritic granites without mantled feldspar and at higher levels grades into granophyre. The granite contains 60% of orthoclase feldspar, 5-10% of plagioclase, 20-25% of quartz with 4% of biotite, epidote, magnetite and fluorite. The low initial  $Sr_{87}/Sr_{86}$  ratio indicate that the rocks have a relatively minor amount of older sialic material. The Rb-Sr age of the granophyre is estimated to be 678 m.y (Nair and Vidyadharan, 1982). The Ezhimala Complex lies in close proximity to the Bavali lineament suggesting reactivation along the lineament and intrusion of the body.

### **Kalpatta granite**

The Kalpatta ((11°36'15";76°05'15")) granite is an oval- shaped intrusive into the Wynad schist and covers an area of 44 sq km (Rao and Varadan, 1967). The rock is grey coloured, medium-grained, homogenous biotite granite and has sharp contact with the country rock. A feeble foliation is imparted to the granite at places by biotite flakes. Xenoliths of amphibolite / hornblende gneiss are visible near the periphery. Irregular veins of pegmatite / aplite traverse the granite and also the enclaves. The K-Ar age of the biotite from the Kalpatta granite is dated as  $512 \pm 30$  m.a (Nair *et al*, 1985) and 527 m.a (GSI). Presence of enclaves and absence of significant replacement textures along with the geochemical characteristics assign a magmatic parentage for the granite. The proximity of the pluton to the Bavali lineament probably suggests intrusion along this fracture.

Three types of granites such as coarse grained biotite-granite, fine grained biotite granite, and porphyritic granite are mapped on the basis of texture, colour and mode of occurrence. Coarse-grained granite is a massive bluish grey rock with large xenoblasts of quartz and feldspars. The accessories include biotite, zircon, apatite and sphene. Blastesis of feldspar and sphene are common. Microcline, orthoclase, and plagioclase are seen as the major feldspar. Plagioclase composition varies from albite to oligoclase. This rock is exposed in Trikkaiappetta (11°35'04":76°08'41":), Manikkunnu (11°35'41":76° 07'09"), Kuttamangalam (11°30'08":76°07'11":) (Anilkumar *et al*, 1993).

Fine biotite-granite is a fine grained massive rock exposed around Muttimala (76°06'38":11°37'06"). It consists of orthoclase, quartz, microcline, biotite, sericite, zircon, sphene, apatite and opaques. Myrmekitic quartz is recorded. Pophyritic granite consists of myrmekitic quartz, microcline, sericite and biotite. Very coarse grained biotite with included crystals of orthoclase, microcline and albite are common. Except for the texture, all the three granites show similar characters (Anilkumar, *et al* 1993). Based on Rb-Sr dating, Kalpatta granite is dated 765 Ma (Odom 1982).

### ***Chengannur granite***

The Chengannur (9°18'45"; 76°31'00") granite in Pathanamthitta District is an oval shaped body with the long axis trending in east-west direction covering an area of 15 sq.km in and around Chengannur. The granite is intrusive into the charnockite gneisses. The body is emplaced close to the Achankovil shear zone. K-Ar date of the hornblende indicates an age of 550 m.a (Soman *et al*, 1983). The Chengannur granite is inferred to be a post kinematic granite of magmatic parentage.

Two types of granites are recorded. One is medium-grained pink granite and the other is coarse-grained grey granite. The former consists of quartz, perthitic feldspar, plagioclase, biotite, hornblende, apatite and zircon. The composition of plagioclase varies from albite to oligoclase. Microcline perthite is also seen. The coarse grained grey granite consists of perthite, plagioclase, hornblende, biotite, quartz with occasional occurrence of hypersthene,apatite and zircon. Hornblende and biotite are less common by occurred minerals than hypersthene. Relicts of hypersthene are also seen. This granite may be a product of granitisation of charnockite. K<sub>2</sub>O content always exceeds that of Na<sub>2</sub>O. The high SiO<sub>2</sub>,high alkali, high Fe/Mg ratio, high values of Gallium indicate that the granite belongs to alkali type. It might have an origin from recycled and rehydrated continental crust. (Nair and Anil Kumar,1990).

### ***Peralimala granite***

The Peralimala (11°09'19":75°38'46") alkali granite is a linear intrusive body emplaced along the axial trace of a mega fold in EW direction. Peralimala intrusive body occurs as a diatreme of alkali composition with a maximum linear extension of 15 km and a width of 3 km. Based on colour, texture, composition and mode of occurrence four types of granites are identified. These are pink gneissic granite, porphyritic granite, grey granite and pink granite. Pink alkali granite is a coarse-grained rock consisting of microcline, orthoclase, plagioclase, quartz,

hornblende, epidote, aegirine, sphene, calcite, perthite and apatite. Quartz is present in only subordinate amounts. Feldspar content is very high. The preferred orientation of feldspar gives a crude alignment. At Perumpunna, (75°44'00":11°55'28") pink gneissic granite shows preferred orientation of biotite and pyroxene. The porphyritic granite occurs as a lensoidal body containing quartz, feldspar, pyroxene and hornblende. Feldspar forms the phenocrysts in a matrix of quartz-feldspar and mafics. Grey granite is a coarse- to medium- grained rock with microcline, quartz, orthoclase, perthite, hornblende and zoisite. Light grey granite is a medium-grained rock consisting of microcline, orthoclase, plagioclase (albite to oligoclase), epidote, aegirine, hornblende and rutile. The major element chemistry of the granite do not show much variation. The pink granite shows high content of potash. A negative correlation for K<sub>2</sub>O content with respect to SiO<sub>2</sub> is very pronounced for pink granite owing to its alkaline nature. Barium and strontium show very high values for Peralimala granite. ( Anilkumar *et al*,1993).

### **Sholayur granite**

The Sholayur (11°04'15";76°42'00") granite, is exposed around Kuttiyadikal Mala (11°01'52":76°42'00") and Vachchpathi (11°04'15":76°44'00"). It is a homophanous medium-grained, pink coloured granite, consisting of quartz, orthoclase, microcline, oligoclase, perthite, aegirine augite, biotite, hornblende and sphene. In some places, calcite, apatite, sericite are also observed. The schlierens mark the contact zone of the granites with the host rock. This granite is emplaced within the Wynad supracrustals. SiO<sub>2</sub> varies from 58.76 to 73%, Al<sub>2</sub>O<sub>3</sub> 14% to 17%, Na<sub>2</sub>O 1.8% to 2.4% and K<sub>2</sub>O 0.8 to 1.5%. The distribution of SiO<sub>2</sub> is highly non-uniform within the same type of granite. The pink granite is becoming alkali granite at places.(Anil Kumar and Nair,1992).

### **Intermediate intrusives**

The syenite body at Mannapra (10°30'00";76°32'00") is exposed as an elongated NW-SE trending body covering an area of 8 sq km in Thrissur District. The syenite intrusive, makes sharp contact with the charnockite near the charnockite-migmatite contact. The rock is medium to coarse- grained at its peripheries and tends to be coarse-grained towards the centre. Mineralogically, the rock is composed of alkali feldspar, orthopyroxene, clinopyroxene and amphibole with minor amounts of plagioclase, biotite and opaques. A small syenite (Angadimugar syenite) body is located in Kumbala village (12°35'15"; 76°07'00") and about 20 km east of Kumbala in Kasaragod District. The intrusive body has an elliptical outline and covers an area of 5 sq km. The body is intrusive into the Khondalite Group and encloses

enclaves of amphibolite in the peripheral parts. The rock is medium to coarse grained, light grey and massive.

## **Mesozoic intrusives**

### **Basic intrusives**

Basic intrusives in Kerala, mainly represented by dyke swarms in NNW-SSE to NW-SE trend, cut across all the metamorphic rocks and the earlier structural trends. Their unmetamorphosed nature and stratigraphic relation with the country rocks prompted their correlation to the Deccan Trap volcanism.

The basic dykes have been emplaced into the migmatites and charnockite in NNW-SSE to NW-SE and ENE-WSW directions along distensional and shear fractures respectively. Dolerite dykes of Kerala are mostly quartz tholeiites rarely clinotholeiite. The basic dykes of Pathanamthitta ( $9^{\circ}15'45''$ : $76^{\circ}45'30''$ ) are genetically unrelated types. These dykes have not undergone any internal differentiation during intrusion.

The variation in the chemistry of individual dykes may be due to the cogenetic differential sequence. Dolerite dykes intrude the country rocks at an angle greater than  $80^{\circ}$ . The dolerite dykes of Kuttuparamba ( $11^{\circ}49'30''$ : $75^{\circ}34'00''$ ) in Kannur District shows cross cutting relationship with all the formations. The basic dykes of Vamanapuram ( $8^{\circ}43'00''$ : $76^{\circ}54'00''$ ) are either gabbroic or doleritic intruding the gneissic rocks. These are trending NNE to SSW and NNW to SSE directions and are unmetamorphosed. Mineralogically all these dykes show more or less same composition except the meta-dolerites. Variation in the trace elements like Ti, Zr can be attributed to the differential degree of partial melting of the mantle material. (Nair and Gopala Rao, 1989).

The unmetamorphosed Idamalayar gabbroic dyke with a NNW-SSE trend is traced for over 80 km in the central part of Kerala. The rock is mesocratic, medium-grained, porphyritic and is composed of plagioclase (andesine to labradorite), hornblende and opaques. The reported age of 75 m.y for the Idamalayar dyke (Subramaniam, 1976) links it in time-relationship with Deccan Trap volcanism.

The NNW-SSE trending leucogabbro dykes in central Kerala dated by whole rock K-Ar method gave an age of  $81 \pm 2$  m.y and the NW-SE trending dolerite dyke  $69 \pm 1$  m.y. The dolerite dykes are thought to have represented the feeder system for Deccan Trap volcanic sequences (Radhakrishna *et al*, 1994).



Basic dykes of Pathanamthitta area yielded ages of 99 Ma to 117 Ma and there are dykes which have yielded ages  $104 \pm 5$  Ma,  $127 \pm$  Ma and  $476 \pm$  Ma. These wide variations may be due to a protracted history of emplacement and the effect of Eocambrian to palaeozoic tectonothermal events affecting this region (Sinha Roy and Ramakrishnan, 1983.)

In Thiruvananthapuram District, Anakudi and Nedumannur dolerite dykes are dated by K-Ar method and the whole rock ages are  $104 \pm 5$  Ma and  $127 \pm 2$  Ma respectively (Sinha Roy and Ramakrishnan, 1983).

### **Tertiary Sedimentary rocks**

Mio-Pliocene sedimentary rocks are fairly widespread in the southern coastal belt, their remnants being noticeable in the central and northern coastal areas. These sedimentary rocks consist of a series of variegated clay and sandstones with lenticular seams of lignite, known as Warkalli Formation, underlain by more compact marly sands with shell fragments and thin horizons of limestone (Quilon Formation).

The Tertiary sediments have a gentle dip towards west. The Warkalli Formation extends in a narrow belt from Thiruvananthapuram ( $8^{\circ}28'30''$ :  $76^{\circ}57'20''$ ) to Kasaragod ( $12^{\circ}30'00''$ :  $74^{\circ}59'00''$ ) between coastal and midland regions with intervening promontories of the crystalline rocks. The Quilon Formation is mainly seen at Paravur ( $08^{\circ}48'00''$ :  $76^{\circ}40'00''$ ) Padappakkara ( $08^{\circ}58'30''$ :  $76^{\circ}38'00''$ ) and some other places around Kollam and Alappuzha districts.

### **Quilon Formation**

The Quilon Formation consisting of fossiliferous shell limestone alternating with thick beds of sandy clays and calcareous clays have been reported from Padappakkara (type locality), Nedumgolam, Edavai ( $8^{\circ}45'20''$ :  $76^{\circ}42'00''$ ) and Varkala ( $8^{\circ}44'00''$ :  $76^{\circ}43'00''$ ) and Cherthala ( $9^{\circ}41'00''$ :  $76^{\circ}20'00''$ ) along the west coast of Kerala. The Quilon limestone contains numerous fossils of foraminifera, corals, echinoids and molluscs. The Lower Miocene age for lower stratigraphic horizons and the Upper Miocene age for the topmost beds of the Quilon Formation indicate the lower and upper age limits of these marine sediments. The predominance of black clays, sandstone, bluish grey brackish water shell limestone and nodular limestone clearly indicate deposition in a lagoonal condition.

### **Warkalli Formation**

The Warkalli Formation of Mio-Pliocene age extends all along the Kerala coast. The type section of the Warkalli Formation described by King (1882) is from the sea cliff at Varkala. The exposed section at Varkala cliff is 28-30 m thick consisting of unconsolidated sands of variegated clays, white plastic clays, and carbonaceous sandy clays enclosing impersistent seams and lenses of lignite. The carbonaceous clays and lignite are often impregnated with nodules of marcasite.

Fairly thick beds of carbonaceous clays with lignite seams occur around Nadayara kayal, Tamarakulam (9°08': 76°37'), Puliur (9°18'00": 76°35'00"), Payangadi (12°00'20": 75°15'40"), Nileswaram (12°15'00": 75°07'00"), Kanhangad (12°17'40': 75°05'00") and in the cliff sections near Cheruvathur (12°13'00": 75°09'50"). The most characteristic feature of the Warkalli Formation is the impersistent nature of the constituent beds, suggestive of shallow basin margin deposits.

### **Laterite**

Kerala is the home of the laterite as it was first named by the Dutch traveller, Buchanan 1807. Laterite is widespread in its distribution in the midland region of Malappuram, Kannur and Kasaragod districts where it forms well-defined mesas. The Archaean crystalline rocks and the Tertiary sedimentary rocks are extensively lateritised. The laterite has wide areal distribution in the State and occurs at all levels upto 2000 m, height though mostly restricted to an altitude of 50-150 m above MSL. in the coastal and midland region. A few bauxitic patches also occur within the laterites. The thickness of laterite cappings varies from a few metres to 50 metre at places. At Chovvara (8°21'30"; 77°01'30") in Thiruvananthapuram District and Chattannur (8°50'30"; 76°46'30") and Kundara (8°57'00": 76°40'30") in Kollam District, a zone of about 2 m thick bauxite is recognised at the contact between the crystallines and the overlying sedimentary rocks. The overlying sedimentary column is also blanketed by laterite of varying thickness. The bauxite at the base of the sedimentaries indicates an earlier pre-Warkalli spell of lateritisation. Further, the erosional features on the top part of the bauxite horizon corroborates the antiquity of the earlier spell of lateritisation (Mallikarjuna and Kapali, 1980).

Generally, the laterite after the crystalline rocks is compact and the top crust moderately indurated. The dark brown crust passes downward to pink and buff coloured soft laterite. Quartz veins, joints and fractures can be traced from the top to the bottom of the laterite profile. The laterite profile over pyroxene granulites, meta-ultramafites and gneisses are characterised by relict foliation that conforms to those of the subjacent rocks which indicate the *insitu* nature

of the laterite. Porous and spongy texture is discernible in laterites, after meta-ultramafites. Laterite after the Tertiary sedimentaries is well indurated at the top for about 2 to 5 m. Downwards, the profile grades into soft laterite with remnants of gritstone and culminates into a zone of variegated clay.

### **Quaternary sediments**

Recent to sub-Recent sediments of coastal sands, sticky black clay with carbonized wood, silty alluvium and lagoonal deposits are observed mostly in the low-lying areas from Kollam (11°27'00": 75°40'30") to Ponnani and between Kannur (11°51'30":75°21'45") and Nileswaram (12°15'30":75°08'16"). Alluvium is observed along the major river valleys. At places, along coastal tracts, there are raised sandy beaches composed of fine grained reddish sandy loam known as "terri" sands. Palaeo-beach ridges alternate with marshy lagoonal clay in the coastal area.

The sandy stretches are widest between Alappuzha (9°30': 76°20') and Kottayam (9°35': 76°31'), upto 25 km inland from the shoreline. The Quaternaries of the coastal plain have been classified into (i) the Guruvayur Formation representing the earlier strandline deposits with an elevation of 5-10 m; (ii) the Viyyam Formation of tidal plain deposits; (iii) Periyar Formation being mainly of fluvial deposits and (iv) the Kadappuram Formation representing the beach deposits (Krishnan Nair, 1989).

A pebble bed is traced in Valapattanam and Taliparamba river banks in Kannur district. It is exposed south of Valapattanam (11°55'30": 75 °21'30"), Kambil maloth (11°58':75 °24'), Morazha (11 °58'30": 75°20'30") and Arathiparamba (12°06'00": 75°15'30"). The size of the pebbles ranges in dimension from 4.5 cm x 3 cm to 7 cm x 3 cm with occasional cobbles of size 13 cm x 12 cm. The base of the pebble bed is generally 20 to 40 m above MSL and at places, the pebble bed directly rests over the basement rocks. The pebbles are mostly of quartz and rarely of granite and pyroxene granulite. The distribution of the pebble bed along the major river banks demonstrate it to be flood plain deposits, probably of early Quaternary period (Nair *et al*, 1976). In Malappuram and Kozhikode districts, the pebble bed is traced in the riverine terraces at Mavur (11°17'45":75°59'00" ), Cheruvannur (11°12'8": 75°49'35") and Chellepparambu (11°14'30":75°59'00"). In Thiruvananthapuram District, the Quaternary pebble bed occurs at an elevation of 45 to 50 m above MSL at Pothenkode (8°37'00": 76°48'56"), Idaikode (8°40'11":76°50'49"), Attingal (8°41'49": 76°48'56") and Andoorkonam (8°36'00": 76°52'30").

Submerged upright tree trunks have been reported from a number of places in the coastal area of Kottayam and Alappuzha districts, indicating neotectonic reactivation in the area. Carbon dating of a sample from the submerged forest at Iravimangalam indicate an age of  $7050 \pm 130$  B.P (Pawar *et al*, 1983).

### **Structure**

The structural grain of the southern Peninsula is controlled mainly by the NNW-SSE trending near longitudinal Dharwarian trend which had folded all earlier structures. Since Kerala State falls in the western limb of the mega-structure almost all the rock distribution is aligned in NW-SE direction. However, detailed structural studies carried out in selected parts of the Kerala (Nair and Nair, 2001) had shown that (a) the earliest folds ( $F_1$ ) which are represented both on mesoscopic and megascopic scale are tight appressed folds of asymmetrical nature which had given rise to axial plane foliations with characteristic platy mineral alignments (b) the  $F_2$  folds on these foliations (post-folial) are open symmetrical and have developed mainly on megascopic scale and control the disposition of the major lithologies. (c) Subsequent folds ( $F_3$ ) which deform  $F_1$  and  $F_2$  axial plane traces are broad folds on mega-scale identified with the longitudinal Dharwarian trends and (d) a broad swerve on these Dharwarian trends in ENE-WSW is also decipherable (Fig.2).

Detailed analysis of the remote sensing data had revealed the presence of a number of significant lineament patterns in WNW-ESE, NW-SE, NNW-SSE, NNE-SSW and ENE-WSW directions (Nair, 1990). Mega and intermediate lineaments in WNW-ESE were originally crustal fractures and shears which got sealed or obliterated by a number of igneous emplacements of alkali granite, syenite, gabbro, anorthosite, granophyre etc. The emplacements along the Bavali lineament and those along the Achenkovil lineament both of which trending in this direction had given ages ranging from 500 – 678 Ma. Hence they are identified to be the oldest lineament. The Bavali lineament forms the western termination of the Moyar shear. The NW-SE trending lineaments constitute mega lineaments and coincide with the basic dykes occurring throughout the length and breadth of the state. These dykes have given ages ranging from 61 to 144 Ma. The NNW-SSE trending lineaments are generally intermediate lineaments and are attributed to fractures, faults and major joint patterns in the area. It is recognized that the NNW-SSE trending lineaments define a weak zone along which the west coast evolved by faulting. The eastern limit of the Tertiary basin is found restricted along this lineament direction. These lineaments occurring along the west coast are be active as suggested by the progradation of the coast west of these lineaments (Nair, 1987). The

lineaments in NNE-SSW are prominent and are identified with major fractures and this together with those in NNW-SSE are taken to constitute a conjugate system of faults in a N-S compressive regime due to the collision of the Indian plate. The ENE-WSW trending lineaments are intermediate lineaments and are well- developed in the northern parts of the Kerala . Since these lineaments truncate other lineaments as evidenced especially in the coastal stretches it is considered the youngest. Many a recent tremors reported are aligned in this direction and hence considered neotectonically active.

### **Metamorphism**

The Precambrian crystalline rocks of Kerala are chiefly metapelites, charnockites with associated gneisses and granulites, schistose rocks with distinct metapelitic and metamafic / ultramafic affinity and granitic derivatives which include the Peninsular gneisses and migmatites. Except the Wynad schists and the Vengad group, the bulk of the crystalline rocks show granulite to upper amphibolite facies of metamorphism. Wynad schist displays a prograde amphibolite facies metamorphism and the retrogression of these rocks leads to lower amphibolite facies metamorphism. The vast charnockite belt occurring on either side of the Wynad schist belt, in north Kerala, shows petrographic evidences of prograde and retrograde reactions (Nambiar, 1996). The rocks of the Vengad Group show greenschist to lower amphibolite facies of prograde metamorphism. The older intrusive bodies show effects of incipient metamorphism, marked by clouding of feldspar and bending of twin lamellae.

Recent investigations on the pressure – temperature range for the formation of characteristic mineral suits within the metamorphic rocks provide a fair idea on the poly-metamorphic history of the rock suits. Rocks of the Khondalite belt of south Kerala indicate a temperature range of 650 to 850°C and pressures 5 to 6 kb (Srikantappa *et al*, 1985). In the Thiruvananthapuram area, the temperature at the peak of metamorphism indicated by the mineral assemblages of the calc-silicate rocks is about 830°C at 5 K bar considering the vapour absent garnet forming equilibria (Satish Kumar and Santosh, 1996). The scapolite equilibria indicates a peak metamorphic temperature of above 800°C. Stable isotopes in the marble bands suggest that there was no pervasive infiltration of external fluids. Local infiltration of external carbonic fluid took place during decomposition. Synthesis of such data from different lineament/shear bound segments in Kerala indicate varying metamorphic conditions and uplift history. It is also summerised that there is a progressive decline in the uplift of different segments from north to south (Soman, 1997).

 **SUSTAINABLE DEVELOPMENT GOALS**





No 1466/18

**കൈവശ സർട്ടിഫിക്കറ്റ്**

വില്ലേജ് ഓഫീസ് മൊറയൂർ  
തീയതി 18-7-2018

പ്രാർത്ഥനാർ മൊറയൂർ താലൂക്ക് മൊറയൂർ വില്ലേജ് മൊറയൂർ അംശം മൊറയൂർ  
മേൽ കാർട്ടാജി കോമ്പൗണ്ട് റോഡ് നമ്പർ  
എന്നാൽ മൊറയൂർ വില്ലേജിൽ താഴെ പറയുന്ന ഭൂമി സ്വന്തമായി കൈവശത്തിലും അധീനതയിലും ഉണ്ടെന്ന് സാക്ഷ്യപ്പെടുത്തുന്നു.

| വില്ലേജിന്റെയും അംശത്തിന്റെയും പേര് | സർവ്വേനമ്പർ                     | വിസ്തീർണ്ണം ഏ സെ | കൈവശമെടുക്കലിന്റെ വിവരപത്രം/ആധാരം             | നിലം/പുരയിടം |
|-------------------------------------|---------------------------------|------------------|---|--------------|
| <u>മൊറയൂർ</u>                       | <u>B.C 56</u><br><u>159/1-2</u> | <u>0.1700 ഘ</u>  | <u>Doc No 213/1961</u><br><u>S/O Keralath</u> |              |

ഈ സർട്ടിഫിക്കറ്റ് Mining & Geology / SEPA / MAFPC ആവശ്യപ്പെടുന്നതിനായി 18/7/18 വില്ലേജ് ഓഫീസ് VILLAGE OFFICER MORAYUR

No 1468/18

**കൈവശ സർട്ടിഫിക്കറ്റ്**

വില്ലേജ് ഓഫീസ് മൊറയൂർ  
തീയതി 18-7-2018

പ്രാർത്ഥനാർ മൊറയൂർ താലൂക്ക് മൊറയൂർ വില്ലേജ് മൊറയൂർ അംശം മൊറയൂർ  
മേൽ കാർട്ടാജി കോമ്പൗണ്ട് റോഡ് നമ്പർ  
എന്നാൽ മൊറയൂർ വില്ലേജിൽ താഴെ പറയുന്ന ഭൂമി സ്വന്തമായി കൈവശത്തിലും അധീനതയിലും ഉണ്ടെന്ന് സാക്ഷ്യപ്പെടുത്തുന്നു.

| വില്ലേജിന്റെയും അംശത്തിന്റെയും പേര് | സർവ്വേനമ്പർ                                       | വിസ്തീർണ്ണം ഏ സെ                   | കൈവശമെടുക്കലിന്റെ വിവരപത്രം/ആധാരം             | നിലം/പുരയിടം |
|-------------------------------------|---|------------------------------------|---|--------------|
| <u>മൊറയൂർ</u>                       | <u>B.C 56</u><br><u>159/1-1</u><br><u>159/1-3</u> | <u>0.1700 ഘ</u><br><u>0.8883 ഘ</u> | <u>Doc No 213/1961</u><br><u>S/O Keralath</u> |              |

ഈ സർട്ടിഫിക്കറ്റ് Mining & Geology / SEPA / MAFPC ആവശ്യപ്പെടുന്നതിനായി 18/7/18 വില്ലേജ് ഓഫീസ് VILLAGE OFFICER MORAYUR



no 1472/18

**കൈവശ സർട്ടിഫിക്കറ്റ്**

വില്ലേജാഫീസ് മറയാഴ്ക

തീയതി 18.7.2018

കൊണ്ടേടി താലൂക്ക് മറയാഴ്ക വില്ലേജ് മറയാഴ്ക അംശം 1


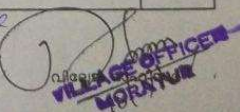
ഭൂമിയിൽ കെ.വി.എസ്. കോവൽ 200 ഓർ കെ.വി.എസ്

എന്നാൽ മറയാഴ്ക വില്ലേജിൽ താഴെ പറയുന്ന ഭൂമി സ്വന്തമായി കൈവശത്തിലും

അധീനതയിലും ഉണ്ടെന്ന് സാക്ഷ്യപ്പെടുത്തുന്നു.

| വില്ലേജിന്റെയും അംശത്തിന്റെയും പേര് | സർവ്വേനമ്പർ                | വിസ്തീർണ്ണം ഏ സെ         | കൈവശമേഖലയുടെ വിവരംപട്ടയം/ആധാരം | നിലം/പുരയിടം |
|-------------------------------------|----------------------------|--------------------------|--------------------------------|--------------|
| മറയാഴ്ക                             | BCTB<br>160/1-1<br>160/1-2 | 1.2141 (A)<br>0.5464 (A) | Docn 213/1961<br>SRO Kumbh     |              |

ഈ സർട്ടിഫിക്കറ്റ് Ministry & Geology / S.E.M.A / MOE / FCC ആവശ്യത്തിനാണ്



  
 വില്ലേജ് ഓഫീസർ  
**VILLAGE OFFICER**  
**MORAYAZH**

2598/18

**കൈവശ സർട്ടിഫിക്കറ്റ്**

വില്ലേജാഫീസ് മറയാഴ്ക

തീയതി 19.9.2018

കൊണ്ടേടി താലൂക്ക് മറയാഴ്ക വില്ലേജ് മറയാഴ്ക അംശം 1

ഭൂമിയിൽ കെ.വി.എസ്. കോവൽ 200 ഓർ കെ.വി.എസ്

എന്നാൽ മറയാഴ്ക വില്ലേജിൽ താഴെ പറയുന്ന ഭൂമി സ്വന്തമായി കൈവശത്തിലും

അധീനതയിലും ഉണ്ടെന്ന് സാക്ഷ്യപ്പെടുത്തുന്നു.

| വില്ലേജിന്റെയും അംശത്തിന്റെയും പേര് | സർവ്വേനമ്പർ     | വിസ്തീർണ്ണം ഏ സെ | കൈവശമേഖലയുടെ വിവരംപട്ടയം/ആധാരം | നിലം/പുരയിടം |
|-------------------------------------|-----------------|------------------|--------------------------------|--------------|
| മറയാഴ്ക                             | B.P.56<br>152/1 | 2.5560 A         | Docn 213/1961<br>SRO Kumbh     |              |

ഈ സർട്ടിഫിക്കറ്റ് Ministry & Geology / S.E.M.A / MOE / FCC ആവശ്യത്തിനാണ്



  
 വില്ലേജ് ഓഫീസർ  
**VILLAGE OFFICER**  
**MORAYAZH**

2025/18

കൈവശ സർട്ടിഫിക്കറ്റ്

വില്ലേജഓഫീസ് മിറാസൂർ  
തീയതി 19.9.2018

മുതലടവില താലൂക്ക് മിറാസൂർ വില്ലേജ് അറിയൽ അംശം 6  
ദേശത്ത് കോലിക്കോട്ടി താലൂക്ക് അമ്പലമുക്ക് ഗ്രാമപഞ്ചായത്ത്, അമ്പലമുക്ക് ഏരിയ  
എന്നാൽ മിറാസൂർ വില്ലേജിൽ താഴെ പറയുന്ന ഭൂമി സ്വന്തമായി കൈവശത്തിലും  
അധീനതയിലും ഉണ്ടെന്ന് സാക്ഷ്യപ്പെടുത്തുന്നു.

| വില്ലേജിന്റെയും അംശത്തിന്റെയും പേര് | സർവ്വേനമ്പർ                  | വിസ്തീർണ്ണം ഏക്കർ സെ | കൈവശരേഖയുടെ വിവരംപട്ടയം/ആധാരം  | നിലം/പുരയിടം |
|-------------------------------------|------------------------------|----------------------|--------------------------------|--------------|
| മിറാസൂർ                             | Bf. 56<br>160/1-3<br>160/1-4 | 0.8094<br>0.8883     | മംഗലം 2131/1961<br>SRO Kendoth |              |
|                                     |                              |                      |                                |              |

മിറാസൂർ ഗവണ്മെന്റ് ട്രിബ്യൂണൽ  
ഈ സർട്ടിഫിക്കറ്റ് ആവശ്യത്തിനാണ്

VILLAGE OFFICE MORAYUR  
19/9/18

2096/18

കൈവശ സർട്ടിഫിക്കറ്റ്

വില്ലേജഓഫീസ് മിറാസൂർ  
തീയതി 19.9.2018

മുതലടവില താലൂക്ക് മിറാസൂർ വില്ലേജ് അറിയൽ അംശം 6  
ദേശത്ത് കോലിക്കോട്ടി താലൂക്ക് അമ്പലമുക്ക് ഗ്രാമപഞ്ചായത്ത്, അമ്പലമുക്ക് ഏരിയ  
എന്നാൽ മിറാസൂർ വില്ലേജിൽ താഴെ പറയുന്ന ഭൂമി സ്വന്തമായി കൈവശത്തിലും  
അധീനതയിലും ഉണ്ടെന്ന് സാക്ഷ്യപ്പെടുത്തുന്നു.

| വില്ലേജിന്റെയും അംശത്തിന്റെയും പേര് | സർവ്വേനമ്പർ       | വിസ്തീർണ്ണം ഏക്കർ സെ | കൈവശരേഖയുടെ വിവരംപട്ടയം/ആധാരം  | നിലം/പുരയിടം |
|-------------------------------------|-------------------|----------------------|--------------------------------|--------------|
| മിറാസൂർ<br>അറിയൽ                    | Bf. 56<br>152/1-1 | 0.8094               | മംഗലം 2131/1961<br>SRO Kendoth |              |
|                                     |                   |                      |                                |              |

മിറാസൂർ ഗവണ്മെന്റ് ട്രിബ്യൂണൽ  
ഈ സർട്ടിഫിക്കറ്റ് ആവശ്യത്തിനാണ്

VILLAGE OFFICE MORAYUR  
19/9/18



no 41/2018

## Demarcation Certificate

മലപ്പുറം ജില്ലയിൽ കൊണ്ടോട്ടി താലൂക്കിൽ മൊറയൂർ വില്ലേജിൽ കൊടിത്തൊടിക ഉമ്മർ അവകാശികൾ 1. റാബിയ.കെ.പി., ജവാദ് സർജാസ്.കെ.എം, ജിയാദ് സ്കലിൻ 2.കൊടിത്തൊടിക അഹമ്മദ് മക്കൾ അബ്ദുൽ ലത്തീഫ്, ഷംസുദ്ദീൻ, ഫാത്തിമ സുഹറ, റസീന 3. കൊടിത്തൊടിക ഹംസ 4. കൊടിത്തൊടിക അബൂബക്കർ എന്നിവരുടെ ഉടമസ്ഥതയിൽ ഉള്ള കൊണ്ടോട്ടി സബ് റജിസ്ട്രാർ ഓഫീസിൽ 213/1961 നമ്പരായി രജിസ്റ്റർ ചെയ്ത ആധാര പ്രകാരം കൊണ്ടോട്ടി താലൂക്കിൽ മൊറയൂർ വില്ലേജിൽ 152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4 എന്നീ റീ സർവ്വെ നമ്പരുകളിൽ ഉൾപ്പെട്ട 7.2405 ഹെക്ടർ ഭൂമിയിൽ ക്യാമ്പയിംഗ് ലീസിനായി അപേക്ഷിക്കാൻ ഉദ്ദേശിക്കുന്ന 4.9797 ഹെക്ടർ ഭൂമി പ്രത്യേകം അളന്ന് വേർതിരിച്ച് ആയതിന്റെ അതിരുകളിൽ മഞ്ഞപെയിന്റർച്ച് കോൺക്രീറ്റ് പില്ലറുകൾ സ്ഥാപിച്ച് പ്രത്യേകം വേർതിരിച്ചിട്ടുണ്ടെന്ന് സാക്ഷ്യപ്പെടുത്തുന്നു.

ഈ സാക്ഷ്യപത്രം മൈനിംഗ് & ജിയോളജി വകുപ്പിൽ ഹാജരാക്കാൻ വേണ്ടി അനുവദിച്ചത്.

| DETAILS OF PROPERTY |            |           |                    |                    |  |
|---------------------|------------|-----------|--------------------|--------------------|--|
| SL.NO               | DOC.NO.    | RESY.NO   | AREA IN POSSESSION | APPLIED LEASE AREA | NAME OF OWNER  |
| 1.                  | 213/1961 ✓ | 152/1-1 ✓ | 0.8094 H ✓         | 0.1539 H ✓         | ABOUBAKKAR KODITHODIKA ✓                               |
| 2.                  | 213/1961 ✓ | 152/1 ✓   | 1.7446 H ✓         | 1.5097 H ✓         | HAMZA KODITHODIKA ✓                                    |
| 3.                  | 213/1961 ✓ | 159/1-1 ✓ | 0.1700 H ✓         | 0.1700 H ✓         | ABOUBACKER KODITHODIKA ✓                               |
| 4.                  | 213/1961 ✓ | 159/1-2 ✓ | 0.1700 H ✓         | 0.1700 H ✓         | HAMZA KODITHODIKA ✓                                    |
| 5.                  | 213/1961 ✓ | 159/1-3 ✓ | 0.8883 H ✓         | 0.8883 H ✓         | ABOUBAKKER KODITHODIKA ✓                               |
| 6.                  | 213/1961 ✓ | 160/1-1 ✓ | 1.2141 H ✓         | 1.1437 H ✓         | UMMER, RABIYA.K.P, JAWADH-SARJUS.K.M, JIYAD SARLIN.K.M |
| 7.                  | 213/1961 ✓ | 160/1-2 ✓ | 0.5464 H ✓         | 0.0102 H ✓         |  |
| 8.                  | 213/1961 ✓ | 160/1-3 ✓ | 0.8094 H ✓         | 0.2822 H ✓         | ABUL LATHEEF, SHAMSUDEEN FATHIMA SUHARA, RASEENA.      |
| 9.                  | 213/1961 ✓ | 160/1-4 ✓ | 0.8883 H ✓         | 0.6517 H ✓         |  |
| <b>TOTAL</b>        |            |           | <b>7.2405 H</b>    | <b>4.9797H.</b>    |  |

ഓഫീസ് സീൽ



  
 25/10/18  
 വില്ലേജ് ഓഫീസർ  
 VILLAGE OFFICER  
 MORAYUR




**നോൺ അസൈൻമെന്റ് സർട്ടിഫിക്കറ്റ്**

മലപ്പുറം ജില്ലയിൽ കൊണ്ടോട്ടി താലൂക്കിൽ മൊറയൂർ വില്ലേജിൽ ബ്ലോക്ക് നമ്പർ 56ൽ ഉൾപ്പെട്ട താഴെ പട്ടികയിൽ വിവരിച്ചിട്ടുള്ള ഭൂമി റവന്യൂ വകുപ്പ് മറ്റ് പ്രത്യേക ആവശ്യങ്ങൾക്ക് പതിച്ച് കൊടുത്തതല്ലെന്നും റിസർവ് വനത്തിൽ ഉൾപ്പെടുന്നതല്ലെന്നും സർക്കാർ ഭൂമി മിച്ചഭൂമി കെ.എൽ.യു., കെ.എൽ.ആർ -ൽ പെട്ടതല്ലായെന്നും ടി വകകളിന്മേൽ കോടതി / ബാങ്ക് അറ്റാച്ച്മെന്റ് ഇല്ലായെന്നും ടി ഭൂമി ആദിവാസി വിഭാഗങ്ങൾക്ക് അവകാശപ്പെട്ടതല്ലായെന്നും ടി ഭൂമിയുടെ സമീപത്തേക്കും ആദിവാസി സെറ്റിൽമെന്റുകൾ ഇല്ലായെന്നും സാക്ഷ്യപ്പെടുത്തുന്നു.

| ക്രമ നമ്പർ | സ്ഥലം ഉടമയുടെ പേര്  | സബ് രജിസ്ട്രാർ ഓഫീസിന്റെ പേര് ഡോക്യുമെന്റ് നമ്പർ | റി. സർവ്വേ നം. | കൈവശത്തിലുള്ള ആകെ സ്ഥലം (ഹെക്ടറിൽ) |
|------------|---|--|----------------|------------------------------------|
| 1.         | അബൂബക്കർ<br>S/o. അവനാൻ<br>കുറിയേടത്ത് ഹൗസ്<br>അരിമ്പ്ര. പി.ഒ  | കൊണ്ടോട്ടി<br>213/1961                           | 152/1-1        | 0.8094                             |
|            |   |  | 159/1-3        | 0.8883                             |
|            |   |  | 159/1-1        | 0.1700                             |
| 2.         | ഉമ്മർ അവകാശികൾ<br>(റാബിയ, ജവാദ് സർജസ്<br>ജിയാദ് സ്കലിൻ)<br>S/o. അവനാൻ<br>കുറിയേടത്ത് ഹൗസ്<br>അരിമ്പ്ര. പി.ഒ               | 213/1961   | 160/1-1        | 1.2141                             |
|            |   |  | 160/1-2        | 0.5464                             |
| 3.         | ഹംസ കൊടിയേടിക<br>S/o. അവനാൻ<br>കൊടിയേടിക ഹൗസ്<br>അരിമ്പ്ര. പി.ഒ   | 213/1961   | 152/1          | 1.7446                             |
|            |   |  | 159/1-2        | 0.1700                             |
| 4.         | അഹമ്മദ് മക്കൾ<br>(അബ്ദുൾ ലത്തീഫ്,<br>ഷംസുദ്ദീൻ, ഫാത്തിമസുഹറ<br>റസീന)<br>S/o. അവനാൻ<br>പൊറ്റമ്മത്ത് ഹൗസ്<br>അരിമ്പ്ര. പി.ഒ | 213/1961   | 160/1-3        | 0.8094                             |
|            |   |  | 160/1-4        | 0.8883                             |

(മൈനിംഗ് ആന്റ് ജിയോളജി വകുപ്പിൽ ഹാജരാക്കുന്നതിന് അനുവദിക്കുന്നത്)



  
 വില്ലേജ് ഓഫീസർ  
 VILLAGE OFFICER  
 MORAYUR  
 തീയതി 25/10/2018

നം:

## 1. Project cost

### Project cost

The estimated total cost of the project is Rs.350 Lakhs.

- Cost land including
- Land Cost
- Cost of the machinery
- Additional preliminary works
- Working capital i.e. for the Application and processing fee, etc.

The return on the investment is by way of sale of mineral (Building stone/M-sand). All the minerals shall be marketed. The machinery is of the company and additional requirement if any shall be on hire basis as per the requirement for production. The proposed production of Building Stones during the Plan Period: **1576694 MT**

**Table 14: Capital Cost of the Project**

| <b>Sl.No</b> | <b>Description</b>  | <b>Capital investment</b> |
|--------------|---|---------------------------|
| 1            | Land Expenses <ul style="list-style-type: none"><li>• Advance for getting the land for all license and clearance (50,000 per are)</li></ul> | 250.0 Lakhs               |
| 2            | Machinery   | 100.0 Lakhs               |
|              | <ul style="list-style-type: none"><li>• Breaker (Owned)</li></ul>   |                           |
|              | <ul style="list-style-type: none"><li>• EMP</li></ul>   |                           |
|              | <ul style="list-style-type: none"><li>• Renting advance for Breaker, Excavator, Compressor</li></ul>  |                           |
| <b>Total</b> |   | <b>350.0 Lakhs</b>        |

No. DOM/M- 4211/2018


District Office  
Mining & Geology Department  
Mini Civil Station, Manjeri  
Malappuram District, Kerala  
Email: [geo.mal.dmq@kerala.gov.in](mailto:geo.mal.dmq@kerala.gov.in)  
Phone: 0483 2760695  
Date : 24.08.2021

### CERTIFICATE

This is to certify that there is no Granite Building Stone quarry in operation within 500 meter radius of the proposed Granite Building Stone quarry of M/s. Morayoor Granites Pvt.Ltd, Mucheth House, Elambra, Nellikuzhi, Ernakulam comprised in Re.Survey Nos. 152/1-1, 152/1, 159/1-1, 159/1-2, 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4, (Re.Sy.Block No. 56) of Morayur Village of Kondotty Taluk, Malappuram District.

This certificate is issued to produce before the State Environment Impact Assessment Authority, Thiruvananthapuram, Kerala.



  
25/8/21  
District Geologist  
GEOLOGIST  
DIST. Office Of Mining & Geology  
Mini Civil Station, Manjeri  
Malappuram District

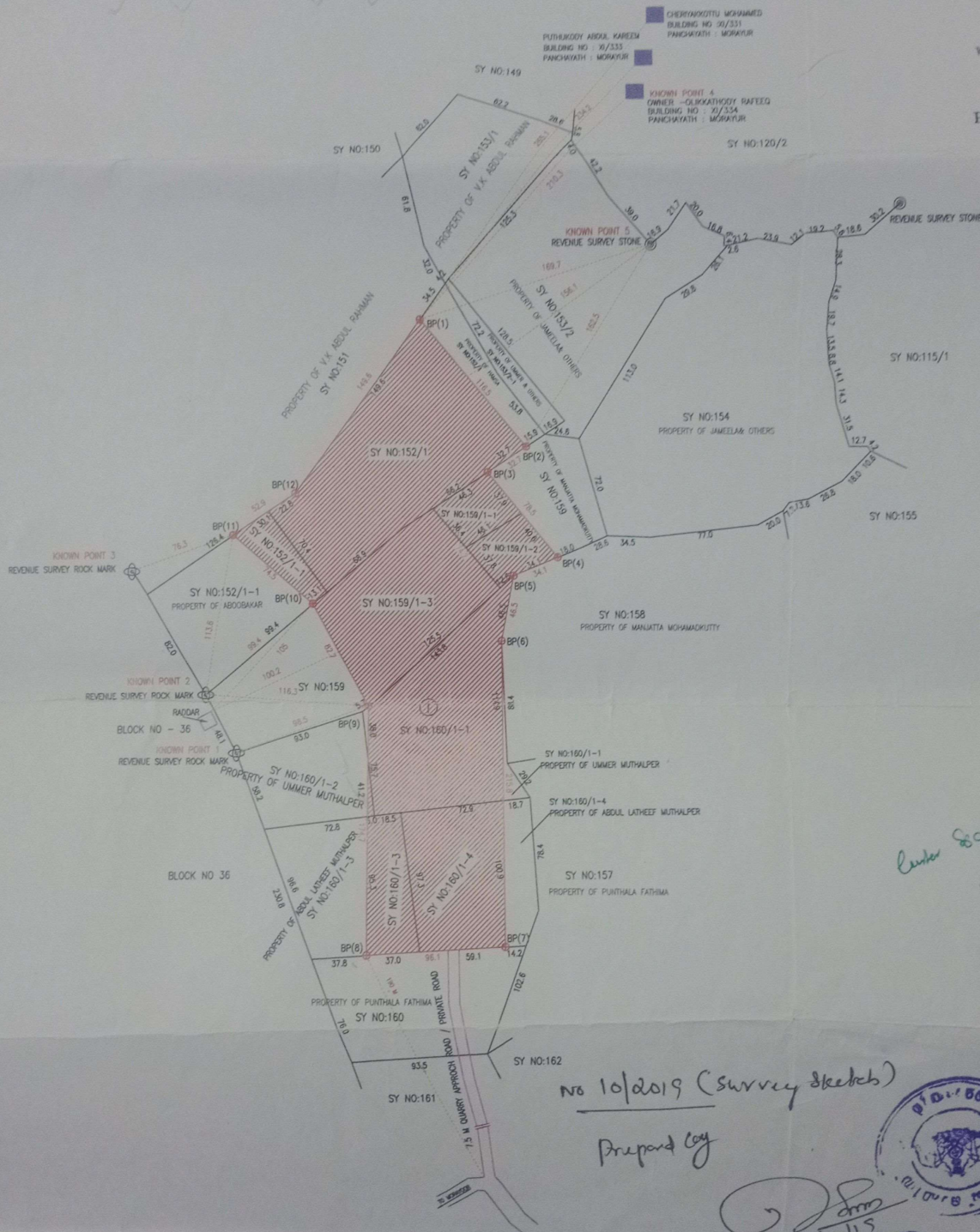
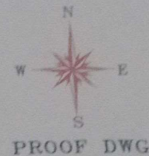


DISTRICT : MALAPPURAM  
 TALUK : KONDOTTY  
 VILLAGE : MORAYUR  
 BLOCK NO : 56  
 PANCHAYATH : MORAYUR  
 SY NO : 152/1-1, 152/1, 159/1-1, 159/1-2  
 159/1-3, 160/1-1, 160/1-2, 160/1-3, 160/1-4

**SURVEY MAP**

Scale 1cm = 30m

LEASE AREA-4.9797 H



No 10/2019 (Survey sketches)

Prepared by

*Handwritten signature and initials*

TAHSILDAR KONDOTTY

*Handwritten signature*  
 12/11/19  
 VILLAGE OFFICER MORAYUR

Submit before The Mining and Geology Department/DEIAA

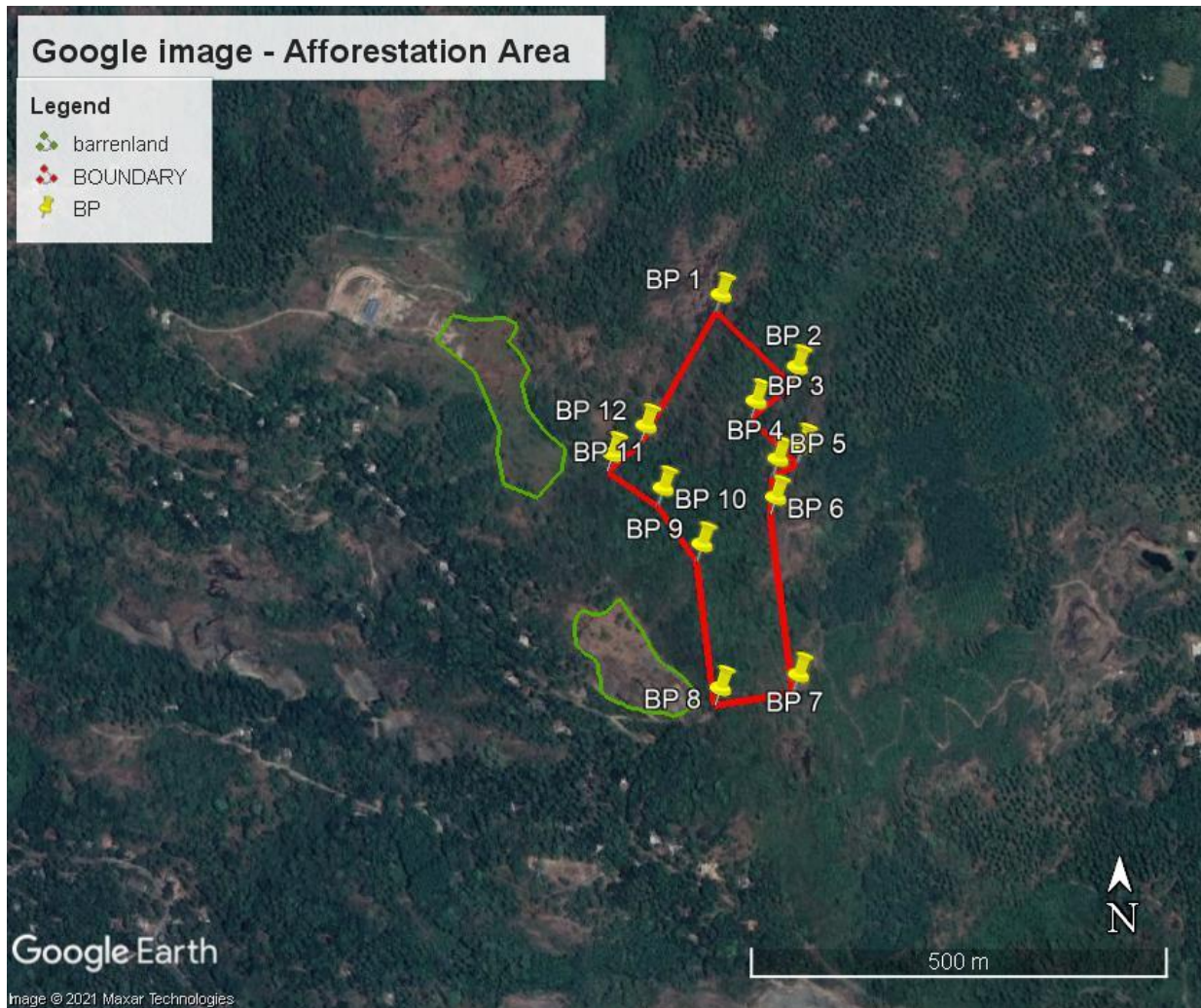
| INDEX | DETAILS OF PROPERTY |          |         |                    |                    |  |
|-------|---------------------|----------|---------|--------------------|--------------------|--|
|       | DOC. NO.            | RES. NO. | TP. NO. | AREA IN PROCESSION | TOTAL APPLIED AREA | NAME OF OWNER  |
| ⊕     | 213/1961            | 152/1-1  | 3323    | 0.8094 H           | 0.1539 H           | ABOQBARKAR   |
| ⊙     | 213/1961            | 152/1    | 1494    | 1.7445 H           | 1.5097 H           | HANSA  |
| ⊗     | 213/1961            | 159/1-1  | 1494    | 0.1700 H           | 0.1700 H           | ABOQBARKAR   |
| —     | 213/1961            | 159/1-2  | 1494    | 0.1700 H           | 0.1700 H           | HANSA  |
| —     | 213/1961            | 159/1-3  | 3323    | 0.8883 H           | 0.8883 H           | ABOQBARKAR   |
| —     | 213/1961            | 160/1-1  | 4388    | 1.2141 H           | 1.1437 H           | UMMER, RABIA K.P., JAVAD SARJAN K.M. JIYAD SARJAN K.M. |
| —     | 213/1961            | 160/1-2  | 4388    | 0.5464 H           | 0.0102 H           | UMMER, RABIA K.P., JAVAD SARJAN K.M. JIYAD SARJAN K.M. |
| —     | 213/1961            | 160/1-3  | 4448    | 0.8094 H           | 0.2822 H           | ABOUB LATHEEF SHAMSUDEEN                               |
| —     | 213/1961            | 160/1-4  | 4448    | 0.8883 H           | 0.8517 H           | FATHIMA SULTRA, RASEENA                                |
| —     |                     | TOTAL    |         | 7.2405 H           | 4.9797 H           |  |

APPLICANT:-  
 UMMER KUTTY  
 DIRECTOR,  
 MORAYUR GRANITES PVT.LTD  
 KONDOTTY, MALAPPURAM  
 KERALA.



## Tree cutting Details and Afforestation Plan

The total number of trees within the mine lease area is 657 in which 295 trees are in the barrier zone and 362 trees are in mining core area. The trees within the mining core area has to be removed for the mining activities. To compensate the loss of 362 trees, here by suggesting an afforestation of 750 trees in the nearby barren land. And also the greenbelt barrier zone will be maintained with more plantations.



Google image location

### List of species recommended for greenbelt and afforestation

| Sl.No. | Scientific name             | Common name   |
|--------|-----------------------------|---------------|
| 1      | <i>Anogeissus latifolia</i> | Mazhukanjiram |
| 2      | <i>Terminalia arjuna</i>    | Neermaruthu   |

|    |                                   |                 |
|----|-----------------------------------|-----------------|
| 3  | <i>Dalbergia latifolia</i>        | Eeti            |
| 4  | <i>Sterculia villosa</i>          | Para Vakka      |
| 5  | <i>Butea monosperma</i>           | Chamatha        |
| 6  | <i>Bombax ceiba</i>               | Elavu           |
| 7  | <i>Dillenia pentagyna</i>         | Pattipunna      |
| 9  | <i>Grewia tiliifolia</i>          | Unnam, Chadachi |
| 10 | <i>Alstonia scholaris</i>         | Eazhilam pala   |
| 11 | <i>Holarrhena antidysenterica</i> | Kudakapala      |
| 12 | <i>Wrightia tinctoria</i>         | Danthapala      |
| 13 | <i>Tabernaemontana heyneana</i>   | Koonanpala      |
| 14 | <i>Mimusops elengi</i>            | Elanji          |
| 15 | <i>Mimusops sp</i>                | Mala Elanji     |
| 16 | <i>Schleichera oleosa</i>         | Poovam          |
| 17 | <i>Litsea coriacea</i>            | Vettithali      |
| 18 | <i>Chionanthus mala-elengi</i>    | Elanji          |
| 19 | <i>Tamarindus indica</i>          | Puli            |
| 20 | <i>Wrightia sp</i>                | Kambi Pala      |
| 21 | <i>Ficus benghalensis</i>         | Aal             |
| 22 | <i>Ficus mysorensis</i>           | Aal             |
| 23 | <i>Ficus callosa</i>              | Aal             |
| 24 | <i>Polyanthia longifolia</i>      | Arana maram     |

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