

**INDIAN BUREAU OF MINES**  
**MINERALS DEVELOPEMMENT AND REGULATION DIVISION**  
**Review and Updation of Mining Plan Report**  
**Chennai Regional Office**

**Mine file No:** TN/TNL/LST-4.MDS

**Mine code:** 38TMN14076

- (i) Name of the Inspecting Officer and ID No. : **(K08) G.SORNADURAI KANNAN**
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine Official with Designation : Thiru. K.N.Jiju, Qualified Person
- (iv) Date of Inspection : 17/10/2024
- (v) Prev. Inspection date : 10/10/2021

**PART-I: GENERAL INFORMATION**

1. (a) **Mine Name** : **RAMAYANPATTI (576)**
- (b) Registration No. : **IBM/613/2011**
- (C) Category : A Mechanised
- (d) Type of Working : Opencast
- (e) Postal address : RAMAYANPATTI
- State : TAMIL NADU
- District : TIRUNELVELI
- Village : RAMAYANPATTI
- Taluka : TIRUNELVELI
- Post office : RAMAYANPATTI
- Pin Code : 627357
- FAX No. : 0462-2300595
- E-mail : mines@indiacements.co.in
- Phone : 0462-2300221
- (f) Police Station : RAMAYANPATTI
- (g) First opening date : 20.09.1990
- (h) Weekly day of rest : SUN
2. Address for correspondence : Selianallur Limestone Mines  
Sankar Nagar,  
Tirunelveli- 6273578
3. (a) Lease Number : TMN0152
- (b) Lease area : 2.185 Hectares
- (C) Period of lease : 50 Years
- (d) Date of Expiry : 31.03.2030
4. Mineral Worked : Limestone Main

5. Name and Address of the

Lessee : THE INDIA CEMENTS LIMITED,  
DHUN BUILDING, 827  
ANNA SALAI, CHENNAI,  
TAMILNADU  
Phone: 044 - 28521526  
FAX : 044 - 28526311

Owner : Thiru.V.M.Mohan,  
Coromandel towers,  
93, Santhom high road, RA Puram  
Chennai - 600026  
Phone: 044 - 28521526  
FAX : 044 - 28526311

Agent : Thiru. K.Saravanamuthu,  
Sankar Nagar,  
Tirunelveli- 6273578  
Phone: 0462 - 2300595

Mining Engineer

Name : G.Rajesh, Full Time  
Qualification : B.E., (Mining Engineering)  
Appointment/  
Termination date : 03.07.2024

Geologist

Name : K.N.Jiju, Full Time  
Qualification : M.Sc, (Geology)  
Appointment/  
Termination date : 03.07.2024

Manager

Name : G.Rajesh,  
Qualification : B.E., (Mining Engineering)  
Appointment/  
Termination date : 03.07.2024

5. Date of approval of Mining : Fresh under rule 22 MCR1960 20/01/1995  
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 07/10/2002  
Mining Scheme rule 12 MCDR1988 01/09/2014

### SCIENTIFIC MINING

| Sl. No                  | Item  | Proposals   | Actual Work   | Remarks  |
|-------------------------|---|---|---|--|
| <b>A. EXPLORATION:-</b> |   |   |   |  |
| 1a                      | Backlog of Previous Year  | No Borehole has been proposed during 2023-2024  | No Boreholes has drilled  | The mine is not in operation from 2015-2016.   |
| 1b                      | Exploration Over Lease area for Geological Axis 1 or 2              | No Additional exploration boreholes was proposed over the lease area during 2023-2024                                 | Nil   | Entire lease area is proved under G-1 category.  |
| 1c                      | Exploration Agencies and Expenditure in lakh rupees during the year | No Proposal for exploration during 2023-2024  | No Boreholes has been drilled   | So far 11 boreholes have been drilled in the lease upto 2023-2024. With total meterage 183m.             |
| 1d                      | Balance area to be explored to bring Geological axis 1 or 2         | Exploration was not proposed during 2023-2024.  | No Exploration has been carried out during 2023-2024.   | Entire area has been explored under G-1 category with 100m X 100m grid interval.                         |
| 1e                      | Balance reserves as on 01/04/2024                                   | As on 01.04.2024<br>Proved Mineral Reserves (111) = 196420 tons<br>Feasibility Mineral Resources (211) = 211293 tons. | As on 01.04.2024<br>Proved Mineral Reserves (111) = 300860 tons<br>Feasibility Mineral Resources (211) = 211293 tons. | The available grade of Limestone in this lease cement Grade. The mine is not in operation for 2015-2016. |
| 1f                      | General remarks of inspecting officer on geology, exploration etc.  | It is part of Archean complex of peninsular gneiss.   | The deposit consists of Metamorphosed crystalline limestone associated with calc gneiss and quartzite.                | Limestone is medium to coarse grained. More number of intrusions of pegmatite and quartz veins.          |

| Sl. No                  | Item  | Proposals   | Actual Work | Remarks                                      |
|-------------------------|---|---|-------------|--|
| <b>B. DEVELOPMENT:-</b> |   |   |             |  |
| 2a                      | Location of development w.r.t. lease area           | During 2023-2024, it is proposed to work on Existing Pit-1. | Nil         | The mine is not in operation from 2015-2016. |
| 2b                      | Separate benches in topsoil, overburden and mineral | Mineral bench – I & II                                      | Nil         | The mine is not in operation from 2015-2016. |
| 2c                      | Stripping ratio or ore to OB ratio                  | 1 : 0.29  | Nil         | The mine is not in operation from 2015-2016. |

|    |   |   |   |  |
|----|---|---|---|--|
| 2d | Quantity of topsoil generation in m <sup>3</sup>  | No Proposal during 2023-24                                  | Nil   | The mine is not in operation from 2015-2016.                         |
| 2e | Quantity of overburden generation in m <sup>3</sup>                                     | 885 tons of overburden has been proposed during 2023-2024   | Nil   | The mine is not in operation from 2015-2016.                         |
| 2f | General remarks of inspecting officer on development of pit w.r.t. type of deposit etc. | During 2023-2024, it is proposed to work on Existing Pit-1. | 885 tons of overburden has been proposed during 2023-2024 | The mine is not in operation from 2015-2016 for statutory clearance. |

| Sl. No                   | Item  | Proposals  | Actual Work | Remarks                                      |
|--------------------------|---|--|-------------|--|
| <b>C. EXPLOITATION:-</b> |   |  |             |  |
| 3a                       | Number of Pit Proposed for Production   | It is proposed to work in Existing pit during 2023-24.                       | Nil         | The mine is not in operation from 2015-2016. |
| 3b                       | Quantity of ROM mineral production proposed   | The total target of ROM Production proposed was 26248 tons during 2023-2024. | Nil         | The mine is not in operation from 2015-2016. |
| 3c                       | Recovery of Sailable/ Usable Mineral from ROM Production                                    | 20998 tons of usable mineral during 2023-2024                                | Nil         | The mine is not in operation from 2015-2016. |
| 3d                       | Quantity of mineral reject generation   | 5250 tons of Mineral rejects during 2023-2024                                | Nil         | The mine is not in operation from 2015-2016. |
| 3e                       | Grade of mineral reject generation and threshold value declared                             | High silica is considered as mineral rejects.                                | Nil         | The mine is not in operation from 2015-2016. |
| 3f                       | Quantity of sub-grade mineral generation  | No Sub Grade Generation  | Nil         | The mine is not in operation from 2015-2016. |
| 3g                       | Grade of sub-grade mineral generation   | There is No Generation of Subgrade Mineral                                   | Nil         | The mine is not in operation from 2015-2016. |
| 3h                       | Manual / Mechanised method adopted for segregating from ROM                                 | Mechanised method  | Nil         | The mine is not in operation from 2015-2016. |
| 3i                       | Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject | No Beneficiation Study is Proposed   | Nil         | The mine is not in operation from 2015-2016. |

|    |  |  |   |  |
|----|--|--|---|--|
| 3j | Provision of drilling & blasting in mineral benches  | Drilling & blasting are proposed with 32mm dia holes   | Nil   | The mine is not in operation from 2015-2016.                                 |
| 3k | Provision of mining machineries in mineral benches   | Excavators<br>Tippers<br>Drills<br>Compressor  | Nil   | The mine is not in operation from 2015-2016.                                 |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | 10m height benches has been proposed during 2023-2024  | Nil   | The mine is not in operation from 2015-2016.                                 |
| 3m | Total area covered under excavation/pits   | 1.20 hectares  | 1.06 hectares   | Existing pit. The mine is not in operation from 2015-2016.                   |
| 3n | Ore to OB ratio for the pit/mine during the year   | 1 : 0.29   | Nil   | The mine is not in operation from 2015-2016.                                 |
| 3o | Total area put in use under different heads at the end of year                                       | Land use Pattern as on 01.04.2024.<br>Mines = 1.20 hect<br>Green belt = 1.00 hect  | Land use Pattern as on 01.04.2024.<br>Mines = 1.06 hect                                     | Landuse Pattern is updated based on submitted draft RMP                      |
| 3p | Production of ROM mineral during last five-year period, as applicable                                | 2023-2024 = 20998 tons<br>2022-2023 = 20640 tons<br>2021-2022 = 20940 tons<br>2020-2021 = 20988 tons<br>2019-2020 = 21096 tons | 2022-2023 = Nil<br>2021-2022 = Nil<br>2020-2021 = Nil<br>2019-2020 = Nil<br>2018-2019 = Nil | The mine is not in operation from 2015-2016 for want of statutory clearance. |
| 3q | General remarks of inspecting officer on method of mining etc.                                       | It is proposed to work in Existing pit during 2023-24.   | The total target of ROM Production proposed was 26248 tons during 2023-2024.                | The mine is not in operation from 2015-2016 for statutory clearance.         |

| Sl. No                                       | Item   | Proposals   | Actual Work                              | Remarks                                      |
|--|--|---|--|--|
| <b>D. SOLID WASTE MANAGEMENT - DUMPING:-</b> |  |   |  |  |
| 4a   | Separate Dumping of Topsoil, OB and Mineral Rejects    | There is no proposal for dumping during 2023-2024 | Nil                                      | The mine is not in operation from 2015-2016. |
| 4b   | Location of Topsoil, OB and Mineral Rejects Dumps      | There is no proposal for dumping during 2023-2024 | Nil                                      | The mine is not in operation from 2015-2016. |
| 4c   | Number of Dumps within Lease & Outside Lease area      | Lease area = Nil<br>Non Lease area = Nil          | Lease area = Nil<br>Non Lease area = Nil | The mine is not in operation from 2015-2016. |
| 4d   | Location of Dumps, within Ultimate Pit Limit (Rule-16) | No Proposal                                       | Nil                                      | The mine is not in operation from 2015-2016. |

|    |  |   |                                     |  |
|----|--|---|-------------------------------------|--|
| 4e | Number of Active & Alive Dumps                                   | Active Dump = Nil                                 | Nil                                 | The mine is not in operation from 2015-2016.                         |
| 4f | No of Dead Dumps   | No Proposal                                       | Nil                                 | The mine is not in operation from 2015-2016.                         |
| 4g | No of Dumps Established  | No Dumps have been established.                   | Nil                                 | The mine is not in operation from 2015-2016.                         |
| 4h | Whether Retaining Wall or Garland drain along Dumps are there    | Yes proposed along the dumps                      | Nil                                 | The mine is not in operation from 2015-2016.                         |
| 4i | Length of Retaining Wall or Garland drain along Dumps            | 184m has been proposed along waste dump           | Nil                                 | The mine is not in operation from 2015-2016.                         |
| 4j | No of Settling tanks   | No Proposal                                       | Nil                                 | The mine is not in operation from 2015-2016.                         |
| 4k | Specific comments of inspecting officer on waste dump management | There is no proposal for dumping during 2023-2024 | Only Backfilling has been proposed. | The mine is not in operation from 2015-2016 for statutory clearance. |

| Sl. No   | Item   | Proposals                                      | Actual Work                              | Remarks                                      |
|--|--|--|--|--|
| <b>E. SOLID WASTE MANAGEMENT - BACKFILLING:-</b> |  |  |  |  |
| 5a   | Status of part or full extraction of mineral from mined out area before starting backfilling | Backfilling has been proposed during 2023-2024 | No backfilling has done during 2023-2024 | The mine is not in operation from 2015-2016. |
| 5b   | Area under backfilling of mined out area   | Backfilling proposed along the safety barrier. | Nil                                      | The mine is not in operation from 2015-2016. |
| 5c   | Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)      | No Proposal for topsoil                        | Nil                                      | The mine is not in operation from 2015-2016. |
| 5d   | Total area fully reclaimed and rehabilitated   | No Proposal                                    | Nil                                      | The mine is not in operation from 2015-2016. |

|    |   |  |  |  |
|----|---|--|--|--|
| 5e | General remarks of inspecting officer on backfilling, reclamation etc | Backfilling has been proposed during 2023-2024 | No backfilling has done during 2023-2024 | The mine is not in operation from 2015-2016 for want of statutory clearance. |
|----|---|--|--|--|

| Sl. No                                    | Item   | Proposals   | Actual Work   | Remarks                                      |
|---|--|---|---|--|
| <b>F. PROGRESSIVE MINE CLOSURE PLAN:-</b> |  |   |   |  |
| 6a  | Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2). Details should be given in the format as given in Annexure-20.  | It should be on or before 1 <sup>st</sup> July every year.  | Not Submitted for the year 2023-2024.                         | Submitted within time limit.                 |
| 6b  | Management of worked/ mined out benches<br>i) Area available for rehabilitation (ha)<br>ii) Afforestation done (ha)<br>iii) No. of saplings planted during the year<br>iv) Cumulative no. of plants<br>v) Any other specific method of rehabilitation<br>vi) Cost incurred on watch & care during the year | i) No Proposal<br>ii) No Proposal<br>iii) No Proposal<br>iv) No Proposal<br>v) No Proposal<br>vi) No Proposal   | i) Nil<br>ii) Nil<br>iii) Nil<br>iv) Nil<br>v) Nil<br>vi) Nil | The mine is not in operation from 2015-2016. |
| 6c  | Compliance on reclamation and rehabilitation by backfilling<br>i) Voids available for backfilling (L X B X D)<br>ii) Void filled by waste/ tailings<br>iii) Afforestation on the backfilled area<br>iv) Rehabilitation by making water reservoir<br>v) Any other specific means                            | i) No Proposal<br>ii) No Proposal<br>iii) No Proposal<br>iv) No Proposal<br>v) No Proposal  | i) Nil<br>ii) Nil<br>iii) Nil<br>iv) Nil<br>v) Nil            | The mine is not in operation from 2015-2016. |
| 6d  | Compliance of Rehabilitation of waste land within lease<br>i) Afforestation<br>ii) Area rehabilitated (ha)<br>iii) Method of rehabilitation  | i) 60 saplings proposed NW & South side of lease area for 2023-2024<br>ii) Proposed 0.025 hect in NW & South side of lease area for 2023-2024<br>iii) Green Belt development along 7.5m safety barrier. | i) Nil<br>ii) Nil<br>iii) Nil                                 | The mine is not in operation from 2015-2016. |

|    |   |  |  |  |
|----|---|--|--|--|
| 6e | Compliance of Environmental monitoring (core zone & buffer zone)                          | Bi-Annually Survey   | Nil  | The mine is not in operation from 2015-2016.                                 |
| 6f | General remarks of inspecting officer on PMCP compliance & progressive closure operations | 60 saplings proposed NW & South side of lease area for 2023-2024 | Proposed 0.025 hect in NW & South side of lease area for 2023-2024 | The mine is not in operation from 2015-2016 for want of statutory clearance. |

| Sl. No                           | Item   | Proposals  | Actual Work  | Remarks  |
|----------------------------------|--|--|--|--|
| <b>G. MINERAL CONSERVATION:-</b> |  |  |  |  |
| 7a                               | ROM mineral dispatch or grade wise sorting within lease area                         | The total target of ROM Production proposed was 26248 tons during 2023-2024. | Nil  | The mine is not in operation from 2015-2016.                         |
| 7b                               | Method of Grade-wise mineral sorting i.e. manual or mechanical                       | There is no proposal for grade wise mineral sorting in the lease area.       | Nil  | The mine is not in operation from 2015-2016.                         |
| 7c                               | Different grade of mineral sorted out at mines                                       | The Limestone of the lease area is cement grade                              | Nil  | The mine is not in operation from 2015-2016.                         |
| 7d                               | Any beneficiation process at mines   | Crushing & Screening process at outside the lease area                       | Inside the lease area there is no beneficiation process. | The mine is not in operation from 2015-2016.                         |
| 7e                               | General remarks of inspecting officer on Mineral conservation & beneficiation issues | The total target of ROM Production proposed was 26248 tons during 2023-2024. | The Limestone of the lease area is cement grade          | The mine is not in operation from 2015-2016 for statutory clearance. |

| Sl. No                  | Item   | Proposals   | Actual Work | Remarks                                      |
|-------------------------|--|---|-------------|--|
| <b>H. ENVIRONMENT:-</b> |  |   |             |  |
| 8a                      | Separate removal and utilization of topsoil                  | No Proposal during 2023-2024                      | Nil         | The mine is not in operation from 2015-2016. |
| 8b                      | Concurrent use or storage of topsoil                         | No Proposal during 2023-2024                      | Nil         | The mine is not in operation from 2015-2016. |
| 8c                      | Separate dumps for overburden, waste rock, rejects and fines | There is no proposal for dumping during 2023-2024 | Nil         | The mine is not in operation from 2015-2016. |



|    |   |  |                      |  |
|----|---|--|----------------------|--|
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use           | Backfilling proposed along the safety barrier.                   | Nil                  | The mine is not in operation from 2015-2016.                   |
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | Backfilling proposed along the safety barrier.                   | Nil                  | The mine is not in operation from 2015-2016.                   |
| 8f | Baseline information on existence of plantation & additional plantation done                                | 60 saplings proposed NW & South side of lease area for 2023-2024 | Nil                  | The mine is not in operation from 2015-2016.                   |
| 8g | Survival rate   | No Proposal in the document.                                     | Nil                  | The mine is not in operation from 2015-2016.                   |
| 8h | Water sprinkling on roads to control airborne dust  | Yes, it is proposed.   | Nil                  | The mine is not in operation from 2015-2016.                   |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines area                          | Scanty vegetation, bushes, neem are observed in lease area       | Degraded Mining Land | Outside lease area, agriculture is done with drift irrigation. |

| Sl. No                            | Item  | Comments   | Remarks   |  |
|-----------------------------------|---|--|---|--|
| <b>I. COMPLIANCE OF RULE-45:-</b> |   |  |   |  |
| 9a                                | Status of Submission of Monthly & Annual Returns  | MR & AR Submitted  | Annual & Monthly returns are submitted in online<br>Both Annual & Monthly returns are submitted in online |  |
| Sl. No                            | Item  | Details Given in A.R                                       | Observation of I/Officer  | Remarks  |
| 9b                                | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager           | Full time Mining Engineer & Mining Geologist has not shown | Nil   | The mine is not in operation from 2015-2016 for want of statutory clearance. |
| 9c                                | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Land use Pattern as on 01.04.2024.<br>Mines = 1.06 hect    | Landuse Pattern is filled as per approved Mining Plan   | The mine is not in operation from 2015-2016 for want of statutory clearance. |
| 9d                                | Scrutiny of Annual return on afforestation  | Nil  | Nil   | The mine is not in operation from 2015-2016 for want of statutory clearance. |

|    |   |   |  |  |
|----|---|---|--|--|
| 9e | Scrutiny of Annual return on mineral reject generation (Grade & quantity) | There is no Mineral Rejects Generation  | Nil  | The mine is not in operation from 2015-2016 for want of statutory clearance. |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore                  | Limestone stock as on 01.04.2024<br>ROM opening stock = Nil<br>ROM closing stock = Nil. | There is no production and dispatches during 2023-2024 | The mine is not in operation from 2015-2016 for want of statutory clearance. |
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price & production cost | Cost of Production & Ex. Mine price has Zero  | It is captive mine of M/s. India Cements Ltd.          | The mine is not in operation from 2015-2016 for want of statutory clearance. |
| 9h | Scrutiny of Annual return on fixed assets                                 | Fixed Assets is given for entire group of mines.  | Fixed Assets is filled                                 | The mine is not in operation from 2015-2016 for want of statutory clearance. |
| 9k | Scrutiny of Annual return on mining machineries                           | Machineries details not given   | Not available in field due to non-working.             | The mine is not in operation from 2015-2017 for want of statutory clearance. |

**Details of violations observed during current inspection and compliance position of earlier violation pointed out:-**

There is no Violation pointed out because of mine is not working for want of statutory clearance.

**G.S.Kannan**  
**Senior Mining Geologist**