

**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-37

**Mine code :** 38TMN15112

- (i) Name of the Inspecting : S011 ) SALIL SANDIP KUJUR  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Shri.V.KarthikeyanDY.Manager Mines. , QUALIFIED PERSO  
Official with  
Designation
- (iv) Date of Inspection : 12-JAN-21
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : PANDAPULI & THENMALAI (7.  
(b) **Registration NO.** : IBM/7446/2011  
(c) **Category** : A Mechanised  
(d) **Type of Working** : Opencast  
(e) **Postal address**  
State : TAMIL NADU  
District : TIRUNELVELI  
Village :  
Taluka :  
Post office :  
Pin Code :  
FAX No. :  
E-mail : tancemalangulam@gmail.com  
Phone : 04562 271426, 271449  
(f) **Police Station** : Rajapalayam(  
(g) **First opening date** : 12-JUL-87  
(h) **Weekly day of rest** : SUN
2. **Address for** : M/s Tamilnadu Cements Corporation Limited.,  
**correspondance**
3. (a) **Lease Number** : TMN1224  
(b) **Lease area** : 7.55  
(c) **Period of lease** : 10  
(d) **Date of Expiry** : 11-JUL-97
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : TAMILNADU CEMENT CORPORATION LTD.  
735, ANNA SALAI, P.B.No:  
5205, LLA BUILDING,  
CHENNAI CITY TAMIL NADU  
Phone:044-28525461, 28526321, 28571426  
FAX :044-28523991

Owner : M/S TAMILNADU CEMENT CORPORATION LTD  
PERAMBALUR TAMIL NADU  
Phone:  
FAX :

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	20-OCT-03
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	03-MAY-13
		Mining Scheme rule 12 MCDR1988	14-JAN-15

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	AREA IS FULLY EXPLORED
1b	Exploration over lease area for geological axis 1 or 2	G1	NIL	G1 CATEGORY
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NIL	NIL, AREA IS FULLY EXPLORED AS PER UNFC
1e	Balance reserve as on 01/04/20	521758 MT	521758 MT	UNFC CATEGORY 111 RESERVE.
1f	General remarks of inspecting officers on geology, exploration etc	-	-	SATISFACTORY

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	NO VALID ROMP FOR 2019-20	NIL	MINE IS NOT WORKING
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NO BENCHES FORMED	NIL	NIL, MINE IS YET TO START.
2c	Stripping ratio or ore to OB ratio	NO VALID ROMP	NIL	NIL
2d	Quantity of topsoil generation in m3	NIL	NIL	NIL
2e	Quantity of overburden generation in m3	NA	NA	NIL

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	SATISFACTORY
----	---	---	---	--------------

---

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NO VALID ROMP	NIL	NIL
3b	Quantity of ROM mineral production proposed	NA	NA	NIL
3c	Recovery of sailable/usable mineral from ROM production	NA	NA	NIL
3d	Quantity of mineral reject generation	NA	NA	NIL
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	NIL
3f	Quantity of sub grade mineral generation.	NA	NA	NIL
3g	Grade of sub grade mineral generation	NA	NA	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	MECHANICAL PROPSAL IN EARLIER MP	NIL	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	NIL
3j	Provision of drilling and blasting in mineral benches	NA	NA	NIL

3k	Provision of mining machineries in mineral benches	NO APPROVED ROMP	NIL	INSPECTION WAS CARRIED OUT FOR ROMP.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	NO MINERAL BENCHES AS MINING IS YET TO START	NIL
3m	Total area covered under excavation/pits	NA	NA	NIL
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA	NIL
3o	Total area put in use under different heads at the end of year	NA	NA	NIL
3p	Production of ROM mineral during the last five year period as applicable	2014-15 21429 15000 6430 Nil Nil Nil 2015-16 21429 15000 6430 Nil Nil Nil 2016-17 21429 15000 6430 Nil Nil Nil 2017-18 21429 15000 6430 Nil Nil Nil 2018-19 21429 15000 6430 Nil Nil Nil	NIL	MINE NOT STARTED DUE TO WANT OF E.C
3q	General remarks of inspecting officers on method of mining etc.	-	-	NIL

---

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NO VALID ROMP/MS	NIL	NIL

4b	Location of topsoil, OB and mineral reject dumps	na	na	nil
4c	Number of dumps within lease area and outside of lease area	nil	nil	nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	nil	nil	nil
4e	Number of active and alive dumps.	nil	nil	nil
4f	Number of dead dumps.	nil	nil	nil
4g	Number of dumps established.	nil	nil	nil
4h	Whether Retaining wall or garland drain all along dumps are there.	na	na	nil
4i	Length of Retaining wall or garland drain all along dumps	na	na	nil
4j	Number of settling ponds	nil	nil	nil
4k	Specific comments of inspecting officer on waste dump management	-	-	nil

---

Solid Waste Management - Backfilling:

Sl.No.	Item	Propasals	Actual work	Remarks
5a	Status of part or full extraction of mineral from mined out area before starting backfilling.	nil	nil	nil
5b	Area under backfilling of mined out area	nil	nil	nil

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	na	na	nil
5d	Total area fully reclaimed and rehabilitated	nil	nil	nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	nil

---

Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	na	na	nil
6b	Area available for rehabilitation (ha) .	nil	nil	nil
6c	afforestation done (ha).	na	na	nil
6d	No. of saplings planted during the year	na	na	nil
6e	Cumulative no .of plants	nil	nil	nil, mines not started.
6f	Any other method of rehabilitation	na	na	nil
6g	Cost incurred on watch and care during the year	na	na	nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	na	na	nil

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	na	na	nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	na	na	nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	na	na	nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	na	na	nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	nil	nil	nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	nil	nil	nil
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	nil	nil	nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	na	na	nil, mining not started



6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	satisfactory
----	---	---	---	--------------

---

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	na	na	nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	nil	nil	nil
7c	Different grade of mineral sorted out at mines.	nil	nil	nil
7d	Any beneficiation process at mines	nil	nil	nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	nil

---

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	na	na	nil
8b	Concurrent use or storage of topsoil	na	na	nil

---

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	nil	nil	nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	nil	nil	nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	na	na	nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	nil	nil	nil
8g	Survival rate	nil	nil	nil
8h	Water sprinkling on roads to control airborne dust	na	na	nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	na	na	nil

---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	nil return	nil	nil

---

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	nil	nil	mines not working
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	nil return	mining not started	nil
9d	Scrutiny of Annual return on afforestation	na	na	nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	nil	nil	nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	nil	nil	nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	nil	nil	nil
9h	Scrutiny of Annual return on fixed assets	nil	no infrastructure was found	nil
9k	Scrutiny of Annual return on mining machineries	nil	nil	nil

---

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

Violation observed		Show cause position	
Rule NO.	Issued on Compliance on	Rule NO.	Issued on Compliance on

**Date :**

(SALIL SANDIP KUJUR)

Indian Bureau of Mines