

**INDIAN BUREAU OF MINES  
MINERALS DEVELOPEMMENT AND REGULATION DIVISION**

**Review and updation of Mining Plan REPORT**

**Chennai regional office**

**Mine file No :** TN/TCR/LST-23-Mds

**Mine code :** 38TMN38014

- (i) Name of the Inspecting : **A042** ) **A.S.SANJEEVA RAO**  
Officer and ID No.
- (ii) Designation : Junior Mining Geologist
- (iii) Accompanying mine : Mr M.Manoharan, Agent (Mines) & Mr E.GanesanQP  
Official with  
Designation
- (iv) Date of Inspection : 17/10/2022
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **PERIYANAGALUR 2.80(GO106)**
- (b) **Registration NO.** : **IBM/5661/2011**
- (c) **Category** : **A Fully Mechanised**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **TAMIL NADU**
- District : **ARIYALUR**
- Village :
- Taluka : **ARIYALUR**
- Post office :
- Pin Code :
- FAX No. : **044-28524960**
- E-mail : **tamin@taminggranites.com:;ta**
- Phone : **044285113, 04428524960**
- (f) **Police Station** : **Periyaganalur**
- (g) **First opening date** : **31/03/1998**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **31, KAMARAJAR SALAI,**  
**correspondance** **CHEPAUK,**  
**CHENNAI-600005**
3. (a) **Lease Number** : **TMN0650**
- (b) **Lease area** : **2.8**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **30/03/2018**
4. **Mineral worked** : **LIMESTONE** **Main**

## 5. Name and Address of the

Lessee : TAMILNADU MINERALS LTD  
 31, KAMARAJA SALAI CHEPAUK,  
 CHENNAI CHENNAI CITY TAMIL  
 NADU  
 Phone:  
 FAX :

Owner : M/S.TAMILNADU MINERALS LIMITED  
 CHARMAN AND MANAGING  
 DIRECTOR M/S.TAMILNADU  
 MINERALS LIMITED,  
 31,KAMARAJAR SALAI,P.B.NO-  
 2961,CHEN ERODE TAMIL NADU  
 Phone: 044-28511972  
 FAX : 044-28511972

Agent : S.MANOCHARAN  
 99-B,SIVANMALAI ANDAVAR  
 ILLAM, KANGAYAM ERODE -  
 DIST. ERODE TAMIL NADU  
 Phone:  
 FAX :

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	01/07/2013
Plan/Scheme of Mining		Modif.approved Mining Scheme	24/02/2015
		MP modif under 17(3) MCR 2016	22/09/2017
		MP review under 17(1) MCR 2016	30/05/2018

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	Nil
1b	Exploration over lease area for geological axis 1 or 2	G-1	G-1	Nil.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil.	Nil.	Nil.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil.	Nil.	Nil.
1e	Balance reserve as on 01/04/20	37,024Ts(111)	37,024Ts(111)	As on 1.4.2022.
1f	General remarks of inspecting officers on geology, exploration etc			Lease area has been proved upto 44m depth.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Nil.	Nil.	No proposal for the year 2021-22.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in Top soil and Mineral.	Nil.	Nil.
2c	Stripping ratio or ore to OB ratio	Nil.	Nil.	Nil.
2d	Quantity of topsoil generation in m3	Nil.	Nil.	Nil.
2e	Quantity of overburden generation in m3	Nil.	Nil.	Nil.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	Mine development nearing to ultimate level.	No proposal for the year 2021-22.
----	---	---	-----------------------------------

---

**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No proposal in 2021-22.	Nil.	Nil.
3b	Quantity of ROM mineral production proposed	No proposal in the nyear 2021-22.	Nil.	Nil.
3c	Recovery of sailable/usable mineral from ROM production	100%	Nil.	Nil.
3d	Quantity of mineral reject generation	Nil.	Nil.	Nil.
3e	Grade of mineral rejects generation and threshold value declared.	Nil.	Not applicable.	Nil.
3f	Quantity of sub grade mineral generation.	Nil.	Nil.	No generation of sub grade.
3g	Grade of sub grade mineral generation	Nil.	Not applicable.	No generation.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized	Nil.	Nil.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil.	Nil.	Nil.
3j	Provision of drilling and blasting in mineral benches	Nil.	Nil.	Mining operations temporarily discontinued from.2018.

3k	Provision of mining machineries in mineral benches	Nil.	Nil.	Nil.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal for the year 2021-22.	Nil.	Nil.
3m	Total area covered under excavation/pits	2.56Ha	2.56Ha	Nil.
3n	Ore to OB ratio for the pit/mine during the year.	1:0	Nil.	Nil.
3o	Total area put in use under different heads at the end of year	Area under mining-2.56Ha	Area under mining-2.56Ha	Nil.
3p	Production of ROM mineral during the last five year period as applicable	2017-18-91102Ts 2018-19:37024Ts 2019-20:0Ts 2020-21:0Ts 2020-21:0Ts 2020-21:0Ts 2021-22:0Ts	2017-18-0Ts 2018-19:0Ts 2019-20:0Ts 2020-21:0Ts 2020-21:0Ts 2021-22:0Ts	No proposal for the year 2021-22.
3q	General remarks of inspecting officers on method of mining etc.			Mining operations discontinued from 2018 .

---

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Nil.	No gemneration of OB or waste.	Nil.
4b	Location of topsoil, OB and mineral reject dumps	Nil.	Nil.	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.	Nil.	Nil.	No wate or OB generation.
4i	Length of Retaining wall or garland drain all along dumps	Nil.	Nil.	Nil.
4j	Number of settling ponds	Nil.	Nil.	Nil.
4k	Specific comments of inspecting officer on waste dump management			There is no generation of OB or waste from the mine.

---

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.	No proposal.	Nil.	Nil.
5b	Area under backfilling of mined out area	No proposal.	Nil.	Nil.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	Nil.	Nil.
5d	Total area fully reclaimed and rehabilitated	No proposal.	Nil.	Nil.

---

5e General remarks of inspecting officers on backfilling and reclamation etc. No backfilling was carried out.

---

Progressive Mine Closure Plan:

Sl.No.	Item	Proposals	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Nil.	Mine not worked in 2021-22.	Mining operations discontinued from 2018.
6b	Area available for rehabilitation (ha) .	No proposal.	Nil.	Nil.
6c	afforestation done (ha).	No proposal.	Nil.	Nil.
6d	No. of saplings planted during the year	No proposal.	Nil.	Nil.
6e	Cumulative no .of plants	No proposal.	40nos.	Nil.
6f	Any other method of rehabilitation	No proposal.	Nil.	Nil.
6g	Cost incurred on watch and care during the year	No details.	Nil.	Nil.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No proposal.	Nil.	Nil.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	Nil.	Nil.

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal.	Nil.	Nil.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	Nil.	Nil.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal.	Nil.	Nil.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal.	Nil.	Nil.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal.	Nil.	Nil.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	Nil.	Nil.
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposal.	Nil.	No mining proposal for the year 2021-22.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mining operations temporarily discontinued from 2018 for want of EC.

---

Mineral Conservation:

---

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

---



7a	ROM Mineral dispatch or grade-wise sorting within lease area	No mining operation during 2021-22.	Nil.	Nil.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No mining operation during 2021-22.	Nil.	Nil.
7c	Different grade of mineral sorted out at mines.	No mining operation during 2021-22.	Nil.	Nil.
7d	Any beneficiation process at mines	No proposal.	Nil.	Nil.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mining operations discontinued from 2018.

---

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal.	Mine not in operation since 2018.	Nil.
8b	Concurrent use or storage of topsoil	No proposal.	Nil.	Nil.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	No gneration.	Nil.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	No gneration.	Nil.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	No gneration.	Nil.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	-	Aboutit 200plantation.	Nil.
8g	Survival rate	80%	70%	Nil.
8h	Water sprinkling on roads to control airborne dust	Yes.	Mine not in operation since 2018.	Nil.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Greenaday developed in north block.

---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	All the returns are submitted.	Mine not working due to administrative reasons.	Nil.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil.	Mine not working due to administrative reasons.	Mine not working since 2018.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Furnished under Part - I of 11.	Workings:2.563ha	Nil.
9d	Scrutiny of Annual return on afforestation	Furnished under Part Part - V of 4.4	Nil.	Plantation in north block.

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.	Mine not in operation since 2018.
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.	Nil.	Nil.
9k	Scrutiny of Annual return on mining machineries	Part - V of Sec 5/6/8/9.	Nil.	Mine not in operation.

---

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

Violation observed			Show couse position		
Rule NO.	Issued on	Compliance on	Rule NO.	Issued on	Compliance on
MCDR17	Rule 11(1)	04/11/2022			

**Date :**

**(A.S.SANJEEVA RAO)**

Indian Bureau of Mines