

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

**Review and updation of Mining Plan REPORT**

**Chennai regional office**

**Mine file No :** TN/SLM/LST-132/MDS

**Mine code :** 38TMN11096

- (i) Name of the Inspecting : **D009** ) **D.CHANDRA SEK HAR REDDY**  
Officer and ID No.
- (ii) Designation : Assistant Mining Engineer
- (iii) Accompanying mine : Sri.Paneerselvam, partner & Sri. Suresh Geologist, QP  
Official with  
Designation
- (iv) Date of Inspection : 29/11/2022
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **DEVANNAGOUNDANUR((21.665)**
- (b) **Registration NO.** : **IBM/6974/2011**
- (c) **Category** : **A Other than Fully Mech.**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **TAMIL NADU**
- District : **SALEM**
- Village : **DEVANNAGOUNDANUR**
- Taluka : **Sankari**
- Post office : **Sankaridrug**
- Pin Code :
- FAX No. : **04272440446**
- E-mail : **chandramohan5@yahoo.com**
- Phone : **04272440446**
- (f) **Police Station** : **SANKARI**
- (g) **First opening date** : **17/06/2001**
- (h) **Weekly day of rest** : **SUN**
2. **Address for** : **NO.102, PERAMANUR MAIN ROAD**  
**correspondance** : **SALEM - 636 007.**
3. (a) **Lease Number** : **TMN1192**
- (b) **Lease area** : **21.67**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **05/04/2018**
4. **Mineral worked** : **LIMESTONE** **Main**

## 5. Name and Address of the

Lessee : K.PANEER SELVAM (SUPER MINES & MINERALS)  
 No.102, PERAMANUR MAIN ROAD  
 SALEM SALEM TAMIL NADU  
 Phone:  
 FAX :

Owner : K.PANEER SELVAM (SUPER MINES & MINERALS)  
 NO.102, PERAMANUR MAIN ROAD  
 SALEM SALEM TAMIL NADU  
 Phone:  
 FAX :

Agent : Chandra mohan  
 102,peramanur main road  
 salem SALEM TAMIL NADU  
 Phone:  
 FAX :

## Mining Engineer

Name : NAGARAJAN,Full Time  
 Qualification : B.TECH-MINING  
 Appointment/ : 11/01/2011  
 Termination date

## Geologist

Name : S.Suriyakumar,Full Time  
 Qualification : MSc (Geology)with Ist class Mines Manage  
 Appointment/ : 11/01/2012  
 Termination date

## Geologist

Name : N.suresh,Full Time  
 Qualification : MSC(GEO)  
 Appointment/ : 23/11/2018  
 Termination date

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	18/06/1996
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	30/08/2005
		Mining Scheme rule 12 MCDR1988	05/10/2012
		Mining Scheme rule 12 MCDR1988	13/05/2015
		MP review under 17(1) MCR 2016	24/05/2018

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal during the year 2021-22.	NIL	NIL
1b	Exploration over lease area for geological axis 1 or 2	G1	G1	NIL
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	Potencial mineral bearing area exposed. proposals given for new exploration.
1e	Balance reserve as on 01/04/20	—	Mineable reserves are 1274758m3 as on 01/04/2022	NIL
1f	General remarks of inspecting officers on geology, exploration etc	—	—	Mine is not in operation since 10/12/2021. Satisfactory.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Between N1273175 to N1273225 and E0811700 to E0811750	As per proposal.	NIL
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	One Topsoil bench, one OB bench, Three ore benches.	One Topsoil bench, one OB bench, Three ore benches.	NIL
2c	Stripping ratio or ore to OB ratio	1: 1:29	1: 1:29	Mine not in operation since 10/12/2021.
2d	Quantity of topsoil generation in m3	1656 cu.m.	NIL	Mine not in operation .
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 not in operation since 10/12/2021. All excavations within limits.
----	---	---	---	--

### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One pit	One pit	NIL
3b	Quantity of ROM mineral production proposed	15000 tonnes during the year 2021-22.	855 tonnes	with in limits. mine not in operation.
3c	Recovery of sailable/usable mineral from ROM production	15000 tonnes @80% recovery.	855 tonnes.	Mine under temp discontinuance from 10/12/2021.
3d	Quantity of mineral reject generation	3750 tonnes.	214 tonnes.	Mine under temp discontinuance from 10/12/2021.
3e	Grade of mineral rejects generation and threshold value declared.	Below threshold value.	<34%	NIL
3f	Quantity of sub grade mineral generation.	NIL	NIL	NIL
3g	Grade of sub grade mineral generation	NIL	NIL	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	mannual	mannual.	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	Yes.	Drilling and blastinig is done.	NIL

3k	Provision of mining machineries in mineral benches	Yes proposed.	Shovel and tipper combination.	Mine not in operation since 10/12/21.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes.	OB bench 5m , mineral bench 8m ,width 8m maintained.	NIL
3m	Total area covered under excavation/pits	5.70.05 Hc	5.205 Hc	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1:1.04	1:0	NIL
3o	Total area put in use under different heads at the end of year	NA	Area already exploited- 4.906 Hc Covered under current workings-5.205 Hc Plant,building & roads - 2.982 Hc others- 8.572 Hc	NIL
3p	Production of ROM mineral during the last five year period as applicable	2017-18=3000 MT 2018-19=15000MT 2019-20=15000MT 2020-21=15000MT 2021-22=15000MT	2017-18=2188 MT 2018-19=2475MT 2019-20=2988MT 2020-21=2689MT 2021-22= 855 MT	with in limts.
3q	General remarks of inspecting officers on method of mining etc.	—	—	satisfactory.

---

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No proposal for dumps, topsoil will be used for green belt all along the pheriphery of mining lease.	As per proposal the topsoil removed used for plantation all along the pheriphery of lease area and roads.	NIL

4b	Location of topsoil, OB and mineral reject dumps	Northwest boundary line of the within lease area	As per proposal.	NIL
4c	Number of dumps within lease area and outside of lease area	One waste dump and one reject dump with in ML area.	One waste dump and one reject dump with in ML area.	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Northwest boundary line of the within lease area, within UPL	Northwest boundary line of the within lease area with in UPL.	NIL
4e	Number of active and alive dumps.	2	2	NIL
4f	Number of dead dumps.	NIL	NIL	NIL
4g	Number of dumps established.	NIL	NIL	Mining is in advancing state.
4h	Whether Retaining wall or garland drain all along dumps are there.	proposed.	Garland is made.	NIL
4i	Length of Retaining wall or garland drain all along dumps	Yes.garland drain proposed.	100 m drain made .	NIL
4j	Number of settling ponds	NIL	NIL	NIL
4k	Specific comments of inspecting officer on waste dump management	—	—	Satisfactory.

#### 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. No area is fully extracted.	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)	NIL	NIL	Topsoil used for plantation purpose.
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	—	—	Satisfactory.

---

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).	Yes.	submitted	Mine is under temp.discontinuanc e.
6b	Area available for rehabilitation (ha) .	NIL	NIL	NIL
6c	afforestation done (ha).	2.98.23 Hc.	2.98.23 Hc.	NIL
6d	No. of saplings planted during the year	50	50	NIL
6e	Cumulative no .of plants	—	200	NIL
6f	Any other method of rehabilitation	NIL	NIL	NIL
6g	Cost incurred on watch and care during the year	Rs.6000	Rs.72000/-	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	NIL	NIL	NIL

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NIL	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	NIL	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL	mine workings are in advance state.
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	NIL	NIL	NIL
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	NIL	No waste land available.	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)	yes.	Quarterly monitoring done.	NIL



6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	—	—	satisfactory. mining operations discontinued since 10/12.2021.
----	---	---	---	--

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	At mine site.	cement grade recovered and utilised.	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Mechanical	Mechanical.	NIL
7c	Different grade of mineral sorted out at mines.	NA	NA	NIL
7d	Any beneficiation process at mines	NIL	NIL	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	—	—	Mining operations discontinued since 10/12/2021.

#### Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes.	Topsoil removed is utilised for plantation along lease boundary and roads.	NIL
8b	Concurrent use or storage of topsoil	Yes.	Topsoil is used for plantation.	NIL

8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumps proposed for OB and rejects.	Separate dumps made.	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NIL	Mine workings are not matured for restoration.
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)	150	150	NIL
8g	Survival rate	80%	75%	NIL
8h	Water sprinkling on roads to control airborne dust	NA	NIL	Mine not in operation.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	—	—	Mine not in operation since 10/12/2021. satisfactory.

---

Compliance of Rule 45:

Sl.No.	Item	Proposals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted.	Monthly returns and AR 2021-22 submitted.	Mining operations discontinued w.e.f. 10/12/2021.

---

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Details given. S.Suriyakumar Manager N.suresh geologist.	Mine not in operation.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Details given. Area exploited -4.906 Hc. Current workings - 5.205 Hc. Plant& building -2.982 Hc. Others - 8.572 Hc.	NIL
9d	Scrutiny of Annual return on afforestation	Details given. No plantation	Mine not in operation.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Details given. 257 tonnes Low grade.	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Details given. ROM production reported 855 tonnes against proposed production of 15000 tonnes.	Mine not in operation.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Details given. Ex.mine price Rs.400/- and cost of production as Rs.310/-	Lessee advised ex-mine price should be less than cost of production.
9h	Scrutiny of Annual return on fixed assets	Details given. Rs.700000/-	NIL
9k	Scrutiny of Annual return on mining machineries	Details given. 4 Tippers.	No machinery deployment found during inspection .No mining operations in the mine.

---

**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 34(1)	20/01/2023			

**Date :**

**(D.CHANDRA SEKHAR REDDY)**

Indian Bureau of Mines