

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

MCDR inspection REPORT

Chennai regional office

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

Mine code : 38TMN11096

- (i) Name of the Inspecting : **M017**) **Matiul Islam**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Nil
Official with
Designation
- (iv) Date of Inspection : 27/12/2023
- (v) Prev.inspection date : 15/11/2021

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 : 21.66
- (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
		MP review under 17(1) MCR 2016	15/03/2023

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No proposal for the year	Nil	Mine inoperational since 10/12/2021
1b	Exploration over lease area for geological axis 1 or 2	G1	G1	-do-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil	Nil	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	-do-
1e	Balance reserve as on 01/04/20	-	4,950,757 Metric Tonnes	-do-
1f	General remarks of inspecting officers on geology, exploration etc	-	-	Mine inoperational since 10/12/2021. Mine was inspected for validation of Star Rating.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Between N1273150- N1273250 & E811700- E811800	Nil	Mine inoperational since 10/12/2021
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Proposed	Maintained	-do-
2c	Stripping ratio or ore to OB ratio	1:0.42	Nil	-do-
2d	Quantity of topsoil generation in m3	Nil	Nil	-do-
2e	Quantity of overburden generation in m3	Nil	Nil	-do-

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	Mine inoperational since 10/12/2021
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single	Nil	Mine inoperational since 10/12/2021
3b	Quantity of ROM mineral production proposed	18,750 MT	Nil	-do-
3c	Recovery of sailable/usable mineral from ROM production	15,000 MT	Nil	-do-
3d	Quantity of mineral reject generation	3,750 MT	Nil	-do-
3e	Grade of mineral rejects generation and threshold value declared.	<34% CaO	Nil	-do-
3f	Quantity of sub grade mineral generation.	Nil	Nil	-do-
3g	Grade of sub grade mineral generation	NA	NA	-do-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Nil	-do-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	-do-
3j	Provision of drilling and blasting in mineral benches	Jackhammer & Compressor proposed	Nil	-do-

3k	Provision of mining machineries in mineral benches	Jackhammer, Compressor & Tippers proposed	Nil	-do-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6m	6m	-do-
3m	Total area covered under excavation/pits	5.70.05 Ha	5.20.50 Ha	-do-
3n	Ore to OB ratio for the pit/mine during the year.	1:0.42	Nil	-do-
3o	Total area put in use under different heads at the end of year	21.665 Ha	21.665 Ha	-do-
3p	Production of ROM mineral during the last five year period as applicable	2018-19 15000MT 2019-20 15000MT 2020-21 15000MT 2021-22 15000MT 2022-23 15000MT	2018-19 1980MT 2019-20 2398MT 2020-21 2151MT 2021-22 855MT 2022-23 Nil	-do-
3q	General remarks of inspecting officers on method of mining etc.	-	-	Mine inoperational since 10/12/2021

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Only ROM & MR removal envisaged for the year	Nil	Mine inoperational since 10/12/2021
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	-do-

4c	Number of dumps within lease area and outside of lease area	1 (Within lease area)	1 (Within lease area)	-do-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	-do-
4e	Number of active and alive dumps.	1	Nil	-do-
4f	Number of dead dumps.	Nil	1	-do-
4g	Number of dumps established.	Nil	Nil	-do-
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal in the last approved document	Nil	-do-
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	-do-
4j	Number of settling ponds	Nil	Nil	-do-
4k	Specific comments of inspecting officer on waste dump management	-	-	Mine inoperational since 10/12/2021

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	Mine inoperational since 10/12/2021
5b	Area under backfilling of mined out area	Nil	Nil	-do-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	-do-

5d	Total area fully reclaimed and rehabilitated	Nil	Nil	-do-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	Mine inoperational since 10/12/2021.

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).	No proposal	Nil	Mine inoperational since 10/12/2021
6b	Area available for rehabilitation (ha) .	Nil	Nil	-do-
6c	afforestation done (ha).	0.02 Ha	Nil	-do-
6d	No. of saplings planted during the year	50 nos	Nil	-do-
6e	Cumulative no .of plants	250 nos	100 nos	-do-
6f	Any other method of rehabilitation	Nil	Nil	-do-
6g	Cost incurred on watch and care during the year	Nil	Nil	-do-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	Nil	-do-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NA	-do-

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	NA	NA	-do-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NA	-do-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	-do-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	Nil	-do-
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	Nil	-do-
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	-do-
6p	Compliance of environmental monitoring (core zone and buffer zone)	Nil	Nil	-do-
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	Mine inoperational since 10/12/2021

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No sorting proposed	Nil	Mine inoperational since 10/12/2021
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	-do-
7c	Different grade of mineral sorted out at mines.	NA	NA	-do-
7d	Any beneficiation process at mines .	Nil	Nil	-do-
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	Mine inoperational since 10/12/2021

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No TS removal proposed for the year	Nil	Mine inoperational since 10/12/2021
8b	Concurrent use or storage of topsoil	NA	NA	-do-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Separate dumping of MR proposed	Nil	-do-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	-do-

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	-do-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	-	100 numbers saplings planted within lease area	-do-
8g	Survival rate	Not specified	80%	-do-
8h	Water sprinkling on roads to control airborne dust	Not specified	Nil	-do-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	Mine inoperational since 10/12/2021

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Given	Submitted	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Manager : P.PRAVEEN Mining Engineer in charge: S.Suriyakumar Geologist in charge : N.Suresh	Given in Part I, Sl 7-9	Nil

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(i) Already exploited and abandoned by opencast (O-C) mining 0.000 4.906 4.906 (ii) Covered under current (O-C) Workings 0.000 5.205 5.205 (iii) Reclaimed-rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.000 0.000 (v) Occupied by plant, buildings, residential, welfare buildings and roads 0.000 2.982 2.982 (vi) Used for any other purpose (specify) 0.000 8.572 8.572	Given in Part I, Sl 12	Nil
9d	Scrutiny of Annual return on afforestation	Nil	Given in Part V, Sl 5	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Given in Part V, Sl 3	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	(e) Cement 623.000 0.000 0.000 623.000 0.00	Given in Part VI, Sl 3	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Given in Part VI & VII	Nil
9h	Scrutiny of Annual return on fixed assets	GFA - Rs 7,00,000/-	Given in Part II A	Nil

9k	Scrutiny of Annual return on mining machineries	Nil	Given in Part V, Sl 6	Nil
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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

Date :

(Matiul Islam)

Indian Bureau of Mines