

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

MCDR INSPECTION REPORT

Chennai regional office

Mine file No : TN/NMK/LST-20/MDS

Mine code : 38TMN23025

- (i) Name of the Inspecting : **T003**) **S.THIRUNAVUKKARASU**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Mr.K.R.Muthukrishnan Managing partner
Official with
Designation
- (iv) Date of Inspection : 13/10/2020
- (v) Prev.inspection date : 13/09/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **PADAIVEEDU(1.62HA)**
- (b) **Registration NO.** : **IBM/9584/2012**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : TAMIL NADU
District : NAMAKKAL
Village :
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail : microminerals_srini@yahoo.co
Phone : 9842752404, 9842727156
- (f) Police Station : kumaraplalatom
- (g) First opening date : 14/11/2002
- (h) Weekly day of rest : SUN
2. Address for : K.R. Muthukrishanan,Partner
correspondance M/s National Mines, , Konnakudu Pallakkapalayam,
Tiruchengode Taluq, Namakkal- Disstt.-637303
3. (a) Lease Number : TMN0861
- (b) Lease area : 1.62
- (c) Period of lease : 20
- (d) Date of Expiry : 13/12/2022
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : KR.MUTHUKRISHNAN (M/S. NATIONAL MINES)
 KONNAKKADU, PALLAKAPALAYAM
 TIRUCHENGODE TALUK NAMAKKAL
 NAMAKKAL TAMIL NADU
 Phone:
 FAX :

Owner : K.R.MUTHU KRISHNAN(NATIONAL MINES)
 KONNAKKADU,
 PALLAKAPALAYAM,
 TIRUCHENGODE DISTRICT
 NAMAKKAL TAMIL NADU
 Phone:
 FAX :

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	31/03/2008
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	18/02/2015

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No valid document	NA	Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards
1b	Exploration over lease area for geological axis 1 or 2	No valid document	NA	Mine not working not reported since 2015-16 onwards
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	NA	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	No valid document from 2017-18 onwards	NA	2 Holes drilled at total depth of 76.3 m, and 2 Nos of BH proposed during 2021-22 in the ROMP submitted for approval dt 09.10.2020, But the ROMP same has rejected, Non summation of Bank guaranty
1e	Balance reserve as on 01/04/20	No valid document from 2017-18 onwards	NIL	NIL
1f	General remarks of inspecting officers on geology, exploration etc	----	-----	Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards, the ROMP submitted for approval dt 09.10.2020, But the ROMP same has rejected, Non summation of Bank guaranty

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	NIL	NA	Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No valid document from 2017-18 onwards	NA	Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards
2c	Stripping ratio or ore to OB ratio	No valid document from 2017-18 onwards	NIL	Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards
2d	Quantity of topsoil generation in m3	No valid document from 2017-18 onwards	NA	Mine not working not reported since 2015-16
2e	Quantity of overburden generation in m3	No valid document from 2017-18 onwards	NA	NIL
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-----	-----	Inspection carried out for ROMP, Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards	NA	NIL
3b	Quantity of ROM mineral production proposed	No valid document from 2017-18 onwards	NA	NIL

3c	Recovery of sailable/usable mineral from ROM production	No valid document from 2017-18 onwards	NA	NIL
3d	Quantity of mineral reject generation	No valid document from 2017-18 onwards	NA	NIL
3e	Grade of mineral rejects generation and threshold value declared.	No valid document from 2017-18 onwards	NA	NIL
3f	Quantity of sub grade mineral generation.	No valid document from 2017-18 onwards	NA	NIL
3g	Grade of sub grade mineral generation	No valid document from 2017-18 onwards	NA	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	No valid document from 2017-18 onwards	NA	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No valid document from 2017-18 onwards	NA	NIL
3j	Provision of drilling and blasting in mineral benches	No valid document from 2017-18 onwards	NA	NIL
3k	Provision of mining machineries in mineral benches	No valid document from 2017-18 onwards	NA	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No valid document from 2017-18 onwards	NA	NIL
3m	Total area covered under excavation/pits	No valid document from 2017-18 onwards	NIL	NA

3n	Ore to OB ratio for the pit/mine during the year.	No valid document from 2017-18 onwards	NA	NIL
3o	Total area put in use under different heads at the end of year	No valid document from 2017-18 onwards	NA	NIL
3p	Production of ROM mineral during the last five year period as applicable	No valid document from 2017-18 onwards	NA	NIL
3q	General remarks of inspecting officers on method of mining etc.	-----	-----	Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards

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 document from 2017-18 onwards	NA	NIL
4b	Location of topsoil, OB and mineral reject dumps	No valid document from 2017-18 onwards	NA	NIL
4c	Number of dumps within lease area and outside of lease area	No valid document from 2017-18 onwards	NIL	NA
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No valid document from 2017-18 onwards	NA	NIL
4e	Number of active and alive dumps.	No valid document from 2017-18 onwards	NA	NIL
4f	Number of dead dumps.	No valid document from 2017-18 onwards	NA	NIL
4g	Number of dumps established.	No valid document from 2017-18 onwards	NA	NIL

4h	Whether Retaining wall or garland drain all along dumps are there.	No valid document from 2017-18 onwards	NA	NIL
4i	Length of Retaining wall or garland drain all along dumps	NIL	NA	No valid document from 2017-18 onwards
4j	Number of settling ponds	NIL	NA	No valid document from 2017-18 onwards
4k	Specific comments of inspecting officer on waste dump management	-----	-----	No valid document from 2017-18 onwards

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	NA	No valid document from 2017-18 onwards
5b	Area under backfilling of mined out area	NIL	NA	No valid document from 2017-18 onwards
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NA	No valid document from 2017-18 onwards
5d	Total area fully reclaimed and rehabilitated	NIL	NA	No valid document from 2017-18 onwards
5e	General remarks of inspecting officers on backfilling and reclamation etc.	----	----	Inspection caqrried out for ROMP, Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards

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).	NIL	Not submitted	Mine not working not reported since 2015-16 onwards
6b	Area available for rehabilitation (ha) .	NIL	NA	No valid document from 2017-18 onwards
6c	afforestation done (ha).	NIL	NA	No valid document from 2017-18 onwards
6d	No. of saplings planted during the year	NIL	NA	No valid document from 2017-18 onwards
6e	Cumulative no .of plants	NIL	NA	No valid document from 2017-18 onwards, Mine not working not reported since 2015-16 onwards
6f	Any other method of rehabilitation	NIL	NA	No valid document from 2017-18 onwards
6g	Cost incurred on watch and care during the year	NIL	na	No valid document from 2017-18 onwards
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NIL	NA	No valid document from 2017-18 onwards
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NA	No valid document from 2017-18 onwards
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	NIL	NA	No valid document from 2017-18 onwards

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NA	No valid document from 2017-18 onwards
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NA	No valid document from 2017-18 onwards
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NIL	NA	No valid document from 2017-18 onwards
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NA	No valid document from 2017-18 onwards
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NA	No valid document from 2017-18 onwards
6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	NA	No valid document from 2017-18 onwards
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	---	----	Inspection carried out for ROMP, Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	NA	No approved document

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	NA	No approved document
7c	Different grade of mineral sorted out at mines.	NIL	NA	No approved document
7d	Any beneficiation process at mines .	NIL	NA	No approved document
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	NIL	NA	Inspection carried out for ROMP, Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NA	No Apporoved document
8b	Concurrent use or storage of topsoil	NIL	NA	No Apporoved document
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NIL	NA	No Apporoved document
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NA	No Apporoved document

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NA	No Apporoved document
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	NA	No Apporoved document
8g	Survival rate	NIL	NA	No Apporoved document
8h	Water sprinkling on roads to control airborne dust	NIL	NA	No Apporoved document
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-----	-----	Inspection carried out for ROMP, Mine not working not reported since 2015-16 onwards, No valid document from 2017-18 onwards

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	NIL	NIL	Not submitted
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	Mine not working not reported since 2015-16 onwards,	Part-I No. 8&9 & Part-II, employment & wages.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	AR Not submitted	NIL	Part-I Sl. No 12

9d	Scrutiny of Annual return on afforestation	NIL	NIL	Part-I Para 4.4
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NIL	Part-V General Geology, Sl.No.4.2(B)
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NIL	NIL	Part-VI, Sl.No.2
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL	NIL	Part - VI Grade wise production & Part - VII(cost of Production)
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	NIL	NIL	PART - V (General Geology & Mining)

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 :

(S. THIRUNAVUKKARASU)

Indian Bureau of Mines