

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

MCDR inspection REPORT

Chennai regional office

Mine file No : TN/KRR/LST-31.MDS

Mine code : 38TMN28017

- (i) Name of the Inspecting : S011) SALIL SANDIP KUJUR
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : MR SEKHER MINES OWNER
Official with
Designation
- (iv) Date of Inspection : 23/09/2020
- (v) Prev.inspection date : 19/10/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : VARAVANAI(2.24HA)
- (b) **Registration NO.** : IBM/11455/2012
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TAMIL NADU
- District : KARUR
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. :
- E-mail :
- Phone :
- (f) **Police Station** :
- (g) **First opening date** : 29/11/1995
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : VARAVANAI VILL
KULITHALAI TK
KARUR DT.
3. (a) **Lease Number** : TMN1094
- (b) **Lease area** : 2.24
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 17/11/2015
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : S.SEKHAR
NO: 73, RAJA COLONY
CONTONMENT TIRUCHIRAPALLI
TAMIL NADU
Phone:
FAX :

Owner : S.SEKHAR
73, RAJA COLONY CONTONMENT,
TRICHY TIRUCHIRAPALLI
TAMIL NADU
Phone:
FAX :

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	30/06/2005
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	10/10/2012
		Mining Scheme rule 12 MCDR1988	13/06/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	5 NOS	NIL	THE MINES NOT WORKING DURING LAST PLAN PERIOD DUE TO WANT OF E.C, HENCE NO DRILLING IS DONE.
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	NIL	NIL	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	NIL
1e	Balance reserve as on 01/04/20	113176 MT	113176	NIL
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	NORTH-SOUTH IN THE EAST SIDE OF THE LEASE.	NIL	MINE NOT WORKING DUE TO WANT OF E.C FROM 11/01/2017
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NO TOPSOIL SEPERATE BENCHES PROPOSED	NIL	NIL
2c	Stripping ratio or ore to OB ratio	1:0.66	NIL	NO WORKING DUE TO WANT OF E.C DATA AS PER ROMP/MS.
2d	Quantity of topsoil generation in m3	NIL	NIL	NIL
2e	Quantity of overburden generation in m3	936 -REJECTS	NIL	NIL

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

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	1 PIT IS PRESENT BUT NOT WORKING	NIL
3b	Quantity of ROM mineral production proposed	2340	NIL	NIL
3c	Recovery of sailable/usable mineral from ROM production	1404	NIL	NIL
3d	Quantity of mineral reject generation	936	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	NIL
3f	Quantity of sub grade mineral generation.	NA	NA	NIL
3h	Manual / Mechanised method adopted for segregating from ROM	MANUAL	MANUAL	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	YES BUT NOT APPROVED ROMP TAKEN FORM EARLIER APPROVED MS	NO DRILLING BLASTING IS CARRIED OUT	NIL
3k	Provision of mining machineries in mineral benches	NOT APPLICABLE	NIL	NO VALID ROMP.

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	HEIGHT=3 MTR WIDTH=3 MTR	NIL	NIL
3m	Total area covered under excavation/pits	Mining (Quarry) 0.24.0	Mining (Quarry) 0.24.0	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1:0.66	NIL	NIL

3o	Total area put in use under different heads at the end of year	Sl. No. Description Present Area (Ha.) Area to be reclaimed & rehabilitated at the end of present MP/MS period (Ha.) Area to be reclaimed & rehabilitated at the end of life of mine (Ha.)	Sl. No. Description Present Area (Ha.) Area to be reclaimed & rehabilitated at the end of life of mine (Ha.)	AS PER DRAFT ROMP.
		01. Mining (Quarry) 0.24.0 0.42.0 1.00.5	01. Mining (Quarry) 0.24.0 0.42.0 1.00.5	
		02. Waste dump 0.39.0 0.15.0	02. Waste dump 0.39.0 0.15.0	
		03. Office-Infrastructure 0.01.0 - 0.01.0	03. Office-Infrastructure 0.01.0 - 0.01.0	
		04. Mineral Stackl/Processing Yard - - -	04. Mineral Stackl/Processing Yard - - -	
		05. Sub-grade Mineral stacks - - -	05. Sub-grade Mineral stacks - - -	
		06. Mine Roads 0.13.0 0.01.0	06. Mine Roads 0.13.0 0.01.0	
		07. Area under Plantation 0.01.0 0.20.0	07. Area under Plantation 0.01.0 0.20.0	
		08. Unutilised Area	08. Unutilised Area	

3p	Production of ROM mineral during the last five year period as applicable	Proposal Achieved Year Limestone Limestone (Tones) (Tones') 2016-17 1183 Nil 2017-18 1318 Nil 2018-19 1331 Nil 2019-20 1404 Nil Total 5236 Nil	NIL PRODUCTION	MINE STOPPED DUE TO WANT OF E.C FROM 11/1/2017
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)	ONLY OB & REJECTS ARE GENERATED DUMPED AT ONE PLACE	NIL	MINE NOT WORKING
4b	Location of topsoil, OB and mineral reject dumps	1-NORTH & 1-SOUTH SIDE OF THE LEASE	NIL	MINE NOT WORKING
4c	Number of dumps within lease area and outside of lease area	2	2 DUMPS ARE MADE IN EARLIER MS PERIOD	MINE NOT WORKING
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	OUTSIDE THE UPL	NORTHERN SIDE AND SOUTHERN SIDE OF THE LEASE AREA.	NIL
4e	Number of active and alive dumps.	2	2 DUMPS	NIL
4f	Number of dead dumps.	NIL	NIL	NIL
4g	Number of dumps established.	NA	NIL	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	YES GARLAND DRAINS ARE PROPOSED	NIL	MINE NOT WORKING

4i	Length of Retaining wall or garland drain all along dumps	100 MTR	NIL	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.	NOT PROPOSED	BACK FILLING NOT PROPOSED AS MINERAL NOT EXHAUSTED	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)	NO TOPSOIL AVAILABLE	NIL	NIL
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	NIL, MINES NOT WORKING

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	NO WORK HAS BBEN CARRIED OUT DUE TO WANT OF E.C AND NO PMCP WORK NO PLANTATION DURING THE LAST PLAN PERIOD MINE NOT WORKING FROM 11/01/2017	mine not working due to want of e.c

6b	Area available for rehabilitation (ha) .	nil	nil	nil
6c	afforestation done (ha).	na	na	nil
6d	No. of saplings planted during the year	40	NIL	NIL
6e	Cumulative no .of plants	200	NA	NIL
6f	Any other method of rehabilitation	NA	NA	NIL
6g	Cost incurred on watch and care during the year	NIL	NIL	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 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.	NIL	NIL	NIL

6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NO WASTE LAND AVAILABLE	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	NA	NA	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	YES	NIL	NIL, MINES NOT WORKING
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	NIL, MINES NOT WORKING DUE TO WANT OF E.C

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL AS NO VALID ROMP	NO WORK .	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NO VALID ROMP/MS -NIL	NIL	NIL
7c	Different grade of mineral sorted out at mines.	NO VALID ROMP -NIL	NIL NO WORK CARRIED OUT.	NIL
7d	Any beneficiation process at mines	NA	NA	NIL

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	NIL MINES NOT WORKING
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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NO TOPSOIL AVAILABLE	NIL	NIL
8b	Concurrent use or storage of topsoil	NA	NA	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	ONLY TWO WATE DUMPS AVAILABLE	NIL	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL, AS THE DEPOSIT DIP IS ALMOST 90 DEG THE BACKFILLING CAN ONLY BE CARRIED OUT AFTER FULL RECOVERY OF MINERAL.	NO VALID ROMP NO WORK IS CARRIED OUT.	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)	200	200 SAPLING PLANTED EARLIER AS PER DRAFT romp	MINE NOT WORKING. NO VALID ROMP AVAILABLE THE DATA IS TAKEN FROM DRAFT ROMP.
8g	Survival rate	80%	70%	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	-	-	NIL AS MINE IS NOT WORKING FOR WANT OF E.C

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	SUBMITTED	NIL	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	NO APPOINTMENTS AS MINE IS NOT WORKING

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Already exploited & abandoned by opencast (O/C) mining 0.000 0.000 0.000 (ii) Covered under current (O/C) Workings 0.000 0.500 0.500 (iii) Reclaimed/Rehabilitated 0.000 0.500 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.500 0.500 Reclaimed/Rehabilitated 0.000 0.000 0.000 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.000 0.000 0.500 (vi) Occupied by plant, buildings, residential, welfare buildings & roads 0.000 0.000 0.000 (vi) Other Purpose (0) 0.000 0.000 0.000 (vii) Work done under progressive mine closure plan during the year 0.000 0.000 0.000	Already exploited & abandoned by opencast (O/C) mining 0.000 0.000 0.000 (ii) Covered under current (O/C) Workings 0.000 0.500 0.500 (iii) Reclaimed/Rehabilitated 0.000 0.000 0.000 (iv) Used for waste disposal 0.000 0.500 0.000 (v) Occupied by plant, buildings, residential, welfare buildings & roads 0.000 0.000 0.000 (vi) Other Purpose (0) 0.000 0.000 0.000 (vii) Work done under progressive mine closure plan during the year 0.000 0.000	NIL
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9d	Scrutiny of Annual return on afforestation	Number of trees planted during the year (a) Within lease area (b) Outside lease area (i) Number of trees planted during the year 20 0 (ii) Survival rate in percentage 50.00	Number of trees planted during the year (a) Within lease area (b) Outside lease area (i) Number of trees planted during the year 20 0 (ii) Survival rate in percentage 50.00	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL RETURNS	NIL RETURNS	NIL, NO WORK
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	NIL	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