

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

Review and updation of Mining Plan REPORT

Chennai regional office

Mine file No : TN/DGL/LST-35.MDS

Mine code : 38TMN33029

- (i) Name of the Inspecting : S011) SALIL SANDIP KUJUR
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : MR M DEEPAALANKAR OWNER & QP.
Official with
Designation
- (iv) Date of Inspection : 13/01/2021
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : PANNIYAMALAI 2.54
- (b) **Registration NO.** : IBM/5473/2011
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TAMIL NADU
- District : DINDIGUL
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. : NOT AVAILABLE
- E-mail : NIL
- Phone : 919443869157
- (f) **Police Station** : NATHAM
- (g) **First opening date** : 01/10/2009
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : Sri M.DEEPA ALANKAR S/O V.MANICKAM
SIRUGUDI POST,NATHAM TALUK,
DINDIGUL DT 624 404
3. (a) **Lease Number** : TMN1084
- (b) **Lease area** : 2.54
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 20/08/2029
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : M.DEEPA ALANGAR
DINDIGUL TAMIL NADU
Phone:
FAX :

Owner : M.DEEPA ALANKAR
DINDIGUL TAMIL NADU
Phone:
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 22/04/2009
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 10/06/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NA	NA	NIL, AS NO VALID ROMP AVAILABLE
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	NIL	NIL	NIL, ALL AREA IS EXPLORED UPTO UPL .
1e	Balance reserve as on 01/04/20	Type of Reserves ROM (MT) Limestone (70%) (MT) UNFC Code Mineral Reserves 1,16,675 81,673 111 Bench Locked Resources 6,084 4,259 222 Locked in 7.5m Boundary barrier Resources 1,09,863 76,904 222 TOTAL 2,32,622 1,62,836 111&222	Type of Reserves ROM (MT) Limestone (70%) (MT) UNFC Code Mineral Reserves 1,16,675 81,673 111 Bench Locked Resources 6,084 4,259 222 Locked in 7.5m Boundary barrier Resources 1,09,863 76,904 222 TOTAL 2,32,622 1,62,836 111&222	NIL
1f	General remarks of inspecting officers on geology, exploration etc	NIL	NIL	THE MINE IS FULLY DEVELOPED AND DO NOT NEED ANY FUTHER EXPLORATION FOR MINERAL EXTRACTION UPTO UPL.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	NO VALID ROMP AVAILABLE.	MINE NOT WORKING	NIL, NO VALID ROMP.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	YES	MAINTAINED OB-2 BENCHES ORE-2 BENCHES HEIGHT=3-4 MTR IN OB AND LST.	NIL
2d	Quantity of topsoil generation in m3	NA	NA	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	NIL	NIL	NIL, MINE NOT IN OPERATION.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NO VALID ROMP AVAILABLE	NIL	NO VALID ROMP AVAILABLE
3b	Quantity of ROM mineral production proposed	NO VALID ROMP AVAILABLE	NIL	NIL
3c	Recovery of sailable/usable mineral from ROM production	NIL	NIL	NIL
3d	Quantity of mineral reject generation	NA	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	NO VALID ROMP AVAILABLE AND MINE NOT WORKING DUE TO WANT OF E.C.	NIL	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	NA	NA	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	NA	NA	NIL
3k	Provision of mining machineries in mineral benches	NA	NA	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	HEIGHT-3 MTR WIDTH-6 MTR	NIL
3m	Total area covered under excavation/pits	NA	NA	NIL
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA	NIL
3o	Total area put in use under different heads at the end of year	AREA UNDER MINING=1.00.5 OB DUMP=0.48.5 ROADS=0.04 GREEN BELT=0.06	AREA UNDER MINING=1.00.5 OB DUMP=0.05.5 ROADS=0.04 GREEN BELT=0.06	MINE NOT WORKING DUE TO WANT OF E.C. NO VALID ROMP AVAILABLE, THE INSPECTION WAS FOR ROMP APPROVAL. THE DATA ARE TAKEN FROM PREVIOUS SOM.

3p	Production of ROM mineral during the last five year period as applicable	Year Limestone Production (tonnes) Total Reject (tonnes) (Top soil, Side burden and Mineral reject) Planned 60% Achieved NIL Planned 60% Achieved NIL Planned Achieved 2014-15 - - - - 2015-16 - - - - 2016-17 3050 NIL 2033 NIL 2017-18 3245 NIL 2163 - 2015-16 - - - - 2016-17 3050 NIL 2033 NIL 2017-18 3245 NIL 2163 NIL 2018-19 3245 NIL 2163 NIL	Year Limestone Production (tonnes) Total Reject (tonnes) (Top soil, Side burden and Mineral reject) Planned 60% Achieved NIL Planned Achieved 2014-15 - - - - 2015-16 - - - - 2016-17 3050 NIL 2033 NIL 2017-18 3245 NIL 2163 NIL 2018-19 3245 NIL 2163 NIL	NIL
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)	NO TOP SOIL AVAILABLE IN MINES	NIL	NO VALID ROMP AVAILABLE
4b	Location of topsoil, OB and mineral reject dumps	NO VALID ROMP AVAILABLE	ONE SMALL REJECTS DUMPS AVAILABLE IN EASTERN SIDE OF THE LEASE.	NIL
4c	Number of dumps within lease area and outside of lease area	one	one	nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	outside UPL	outside UPL	nil
4e	Number of active and alive dumps.	one	one	nil

4f	Number of dead dumps.	nil	nil	nil
4g	Number of dumps established.	nil	nil	NO VALID ROMP AVAILABLE AND MINE NOT WORKING DUE TO WANT OF E.C.
4h	Whether Retaining wall or garland drain all along dumps are there.	nil	nil	nil
4i	Length of Retaining wall or garland drain all along dumps	na	na	nil
4j	Number of settling ponds	NO VALID ROMP AVAILABLE	pit is used as settling pond	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.	MINERAL NOT EXHASUTED	NIL MINE IS NOT WORKING	MINE NOT WORKED DUE TO WANT OF E.C.
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)	NA	NA	NIL
5d	Total area fully reclaimed and rehabilitated	NA	NA	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	NIL

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 romp available	NA	NIL
6b	Area available for rehabilitation (ha) .	NA	NA	NIL
6c	afforestation done (ha).	NO VALID ROMP AVAILABLE	NIL	NO VALID ROMP AVAILABLE
6d	No. of saplings planted during the year	NA	NA	NIL
6e	Cumulative no .of plants	NIL	NIL	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	NIL	NIL	NIL
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NA	NA	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	WATER IS ACCUMULATED IN MINE PIT	NIL

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NO WASTE LAND AVAILABLE	NO WASTE LAND AVAILABLE	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NIL	NIL	NO WASTE LAND AVAILABLE
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)	-	-	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	MINE IS NO WORKING DUE TO NO ROMP AND NO E.C

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	NIL	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	NIL	NIL
7c	Different grade of mineral sorted out at mines.	NA	NA	NIL

7d	Any beneficiation process at mines	NA	NA	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	NIL

Environment:

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

8h	Water sprinkling on roads to control airborne dust	NIL	NIL	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	NIL

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	SUBMITTED	NIL RETURN	NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	NIL

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use Area(ha.) % of Total Total 1. under mining 0.94.0 37.0 2. Waste dumps and bunds 0.22.0 8.7 3. Infrastructure facilities Nil .. 4. Roads, safety zone etc 0.48.0 18.9 5. Workshop Nil -- 6. Processing Plant Nil -- 7. Tailing Dam Nil 8. Township Nil 9. Unutilized area 0.75.5 29.8 10 Area under plantation 0.14.5 5.6 Total 2.54.0 100.00	Land use Area(ha.) % of Total 1. under mining 0.94.0 37.0 2. Waste dumps and bunds 0.22.0 8.7 3. Infrastructure facilities Nil .. 4. Roads, safety zone etc 0.48.0 18.9 5. Workshop Nil -- 6. Processing Plant Nil -- 7. Tailing Dam Nil 8. Township Nil 9. Unutilized area 0.75.5 29.8 10 Area under plantation 0.14.5 5.6 Total 2.54.0 100.00	NIL
9d	Scrutiny of Annual return on afforestation	NIL	NIL	NIL, MINES NOT IN OPERATION SINCE 2017
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	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	NA	NA	NA

9k	Scrutiny of Annual return on mining machineries	NIL	NIL	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 :

(SALIL SANDIP KUJUR)

Indian Bureau of Mines