

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

Review and updation of Mining Plan REPORT

Chennai regional office

Mine file No : TN/MDR/LST-30.MDS

Mine code : 38TMN06015

- (i) Name of the Inspecting : S011) SALIL SANDIP KUJUR
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : MR.S SURIYAKUMAR-QP,MR.SURESH.
Official with
Designation
- (iv) Date of Inspection : 20-NOV-19
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : SURIYA INDUSTRIAL MINERAL
- (b) **Registration NO.** : BM/5305/2011
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TAMIL NADU
- District : MADURAI
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. :
- E-mail : suriyakumarsemban@gmail.com
- Phone : 9842729655
- (f) **Police Station** : Usilampatti
- (g) **First opening date** : 06-JAN-00
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : UTTAPPANAICKANUR VILL
USILAMPATTI TK
MADURAI DT
3. (a) **Lease Number** : TMN1119
- (b) **Lease area** : 1.21
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 05-JAN-20
4. **Mineral worked** : LIMESTONE Main

5. Name and Address of the

Lessee : S.SANTHI
 3/47-0, KSV NAGAR
 ALAGAPURAM PO SALEM SALEM
 TAMIL NADU
 Phone:
 FAX :

Owner : S.SANTHI
 3/47-0, KSV NAGAR ALAGAPURAM
 PO SALEM SALEM TAMIL NADU
 Phone:
 FAX :

Geologist

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

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	14-JUL-05
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	15-NOV-11
		Mining Scheme rule 12 MCDR1988	06-MAY-15
		Fresh under rule 22 MCR1960	09-JAN-19

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	NO PROPOSAL FOR LAST FY.
1b	Exploration over lease area for geological axis 1 or 2	G1	G1	EXPLORATION COMPLETED TO G1 AXIS.
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
1e	Balance reserve as on 01/04/20	58968 MT	58968 MT	MINE IS CLOSED DUE TO WANT OF E.C
1f	General remarks of inspecting officers on geology, exploration etc	-	-	AREA IS FULLY EXPLORED BUT MINE IS CLOSED DUE TO WANT OF E.C

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	NORTHERN SIDE OF THE LEASE	NIL	MINE IS CLOSED DUE TO WANT OF E.C
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NO TOPSOIL AVAILABLE	SEPERATE BENCHES AVAILABLE IN ORE AND OB OB-1 BENCH ORE 1 BENCH	NIL
2c	Stripping ratio or ore to OB ratio	1:0.25	NIL	MINE IS CLOSED DUE TO WANT OF E.C
2d	Quantity of topsoil generation in m3	NIL	NIL	NIL
2e	Quantity of overburden generation in m3	REJECTS=500MT	NIL	MINE IS CLOSED DUE TO WANT OF E.C

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	--	-	MINE NOT WORKING.
----	---	----	---	-------------------

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	NIL WORKING	MINE IS CLOSED DUE TO WANT OF E.C
3b	Quantity of ROM mineral production proposed	2000MT	NIL	NA
3c	Recovery of sailable/usable mineral from ROM production	2500MT- ROM RECOVERABLE-2000MT	NIL WORKING	MINE IS CLOSED DUE TO WANT OF E.C
3d	Quantity of mineral reject generation	500	NIL	NIL
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	NIL
3f	Quantity of sub grade mineral generation.	NIL	NIL	NIL
3g	Grade of sub grade mineral generation	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	ONLY JACK HAMMER BLASTING	NIL	MINE IS CLOSED DUE TO WANT OF E.C
3k	Provision of mining machineries in mineral benches	NIL	NIL	NIL

3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	OB=3 MTR ORE=3 MTR	MINE NOT WORKED DURING LAST FY.
3m	Total area covered under excavation/pits	0.35.3	0.35.3	MINE IS CLOSED DUE TO WANT OF E.C & NOT WORKED DURING LAST FY.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.25	NIL	NIL
3o	Total area put in use under different heads at the end of year	MINING=0.35.3 INFRA=0.01 MINE ROADS=0.02 OB/TS STORAGE=.35 UNDISTURBED=.4 8.2	MINING=0.35.3 INFRA=0.01 MINE ROADS=0.02 OB/TS STORAGE=.35 UNDISTURBED=.48.2	NIL
3p	Production of ROM mineral during the last five year period as applicable	2015-16=2500 2016-17=2500 2017-18=2500 2018-19=2500	2015-16=1003 2016-17=759 2017-18=NIL 2018-19=NIL	WITHIN LIMIT.
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 TS OB-1 BENCH ORE- 1 BENCH	NO TS OB-1 BENCH ORE- 1 BENCH	MINE NOT WORKED SINCE LAST TWO YEARS DUE TO WANT OF E.C.
4b	Location of topsoil, OB and mineral reject dumps	SOUTH SIDE	NO WORK DURING LAST FY	MINE NOT WORKED SINCE LAST TWO YEARS DUE TO WANT OF E.C.
4c	Number of dumps within lease area and outside of lease area	1	1 INSIDE LEASE	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	OUTSIDE UPL	OUTSIDE UPL	AS PER PLAN.

4e	Number of active 1 and alive dumps.		1	NIL
4f	Number of dead dumps.	NIL	NIL	NIL
4g	Number of dumps established.	NIL	NIL	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	YES	GARLAND DRAINS AVAILABLE	AS PER PLAN.
4i	Length of Retaining wall or garland drain all along dumps	-	25 MTR GARLAND DRAIN IS FORMED.	NIL
4j	Number of settling ponds	NA	NA	NIL
4k	Specific comments of inspecting officer on waste dump management	-	-	ONLY ONE SMALL DUMP IS AVAILABLE THE AREA WAS CLEAN AND STABLE AS MINE NOT WORKED SINCE LAST TWO YEARS DUE TO WANT OF E.C.

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 EXTRACTED FULLY	NOT APPLICABLE	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)	NA	NA	NIL
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).	NO WORK	MINE NOT WORKED SINCE LAST TWO YEARS DUE TO WANT OF E.C.	NIL
6b	Area available for rehabilitation (ha) .	NIL	NIL	NIL
6c	afforestation done (ha).	ONLY PREPHERIAL BUND	ONLY BUND PLANTATION IS DONE.	NIL
6d	No. of saplings planted during the year	10	NIL	MINE NOT WORKING
6e	Cumulative no .of plants	60	60	NIL
6f	Any other method of rehabilitation	NA	NA	NIL
6g	Cost incurred on watch and care during the year	NA	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 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.	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)	NO WASTE LAND AVAILABLE	NO WASTE LAND AVAILABLE	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	MINE NOT WORKED	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	SATISFACTORY

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

7a	ROM Mineral dispatch or grade-wise sorting within lease area	YES	NIL	MINE NOT WORKING DUE TO WANT OF E.C
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL	NIL	NIL
7c	Different grade of mineral sorted out at mines.	NIL	NIL	NIL
7d	Any beneficiation process at mines .	NA	NA	NIL
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	SATISFACTORY

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NO TOPSOIL AVAILABLE	NIL	MINE NOT WORKING DUE TO WANT OF E.C
8b	Concurrent use or storage of topsoil	NA	NA	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NO DUMPS	NIL	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)	60 NOS	60 NOS PLANTATION HAS BEEN MADE.	PLANTATION IN THE NORTHERN SIDE OF THE LEASE.
8g	Survival rate	80%	80%	NIL
8h	Water sprinkling on roads to control airborne dust	NA	NIL	MINE NOT WORKING DUE TO WANT OF E.C
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	SATISFACTORY

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	SUBMITTED	NIL RETURN SUBMITTED	MINE NOT WORKING DUE TO WANT OF E.C
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA	MINE NOT WORKING DUE TO WANT OF E.C	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	PROVIDED IN AR	AS GIVEN IN AR	NIL
9d	Scrutiny of Annual return on afforestation	PROVIDED	PLANTATION ALL ALOND THE BOUNDARY HAS BEEN MADE.	PLANTATION ALL ALOND THE BOUNDARY HAS BEEN MADE BUT MINE NOT WORKING DUE TO WANT OF E.C

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NIL	MINE NOT WORKED SINCE 2017
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 RETURN	NO PRODUCTION HAS BEEN MADE	NIL
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	NIL, ONLY LAND VALUE .
9k	Scrutiny of Annual return on mining machineries	-	NO MACHINE	NIL

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