

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

MCDR INSPECTION REPORT

Chennai regional office

Mine file No : TN/TNL/LST-77.MDS

Mine code : 38TMN15069

- (i) Name of the Inspecting : **T003**) **S.THIRUNAVUKKARASU**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri. B.Sundarm
Official with
Designation
- (iv) Date of Inspection : 25/08/2019
- (v) Prev.inspection date : 27/12/2015

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **VINAYAGA MINES**
- (b) **Registration NO.** : **IBM/4947/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address :
State : TAMIL NADU
District : TIRUNELVELI
Village :
Taluka :
Post office :
Pin Code :
FAX No. : 9443554233
E-mail : srivinayagamines234@gmai.co
Phone : 9443554233
- (f) Police Station :
- (g) First opening date : 01/07/1999
- (h) Weekly day of rest : SUN
2. Address for : VICKRAMASINGAPURAM VILL
correspondance : AMBASAMUDRAM TK
TIRUNELVELI DT.
3. (a) Lease Number : TMN1236
- (b) Lease area : 4.86
- (c) Period of lease : 20
- (d) Date of Expiry : 08/11/2018
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : B.SUNDARAM
 24/13, SOUTH STREET
 AMBALAVANNAPURAM
 VICKRAMASINGAPURAM
 TIRUNELVELI TAMIL NADU
 Phone:
 FAX :

Owner : B.SUNDARAM
 24/13, AMBALAVANAPURAM
 VICKRAMASINGAPURAM
 TIRUNELVELI DT TIRUNELVELI
 TAMIL NADU
 Phone:
 FAX :

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	12/12/1995
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	22/07/2005
		Mining Scheme rule 12 MCDR1988	10/01/2012
		Mining Scheme rule 12 MCDR1988	12/05/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	15 Nos of BH drilled Oct 2018, total 257.5 m.	mine fully deployed under G1 level
1b	Exploration over lease area for geological axis 1 or 2	NIL	4.86.0 Hect exploration carried out	Mine not working during inspection
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NIL	15 Nos of BH drilled Oct- 2018 total depth of 2018	fully explored under G1 level.
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	111-60474 222-383513	NIL	Mine not working during inspection
1f	General remarks of inspecting officers on geology, exploration etc	-----	-----	Mine not working during inspection, due to Environmental clearance

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Mining plan during the period 2018-19	Earlier mining plan expiry on 08.11.2018, Lease has not submitted ROMP.	Base on office record Violation issued on 30.07.2019
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NIL	NA	No Mining plan during the period ,
2c	Stripping ratio or ore to OB ratio	NIL	NA	No Mining plan during the period 2018-19
2d	Quantity of topsoil generation in m3	NIL	NA	No Mining plan during the period 2018-19
2e	Quantity of overburden generation in m3	NIL	NA	No Mining plan during the period 2018-19

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	--	--	Inspection carried out for ROMP, During inspection the mine is not working
----	---	----	----	--

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one	One pit observe during inspection	NIL
3b	Quantity of ROM mineral production proposed	8486 Up to Nov2018)	NIL	Mine not working
3d	Quantity of mineral reject generation	5658 ton	NIL	Mine not working
3e	Grade of mineral rejects generation and threshold value declared.	cao49.52	cao49.52	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	NIL	Nanual	NIL
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL	NIL
3j	Provision of drilling and blasting in mineral benches	nil	NIL	Mine not working
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	Bench height found 5 m	Bench height found 5 m	NIL
3m	Total area covered under excavation/pits	1.44.8 Hect	1.44.8 Hect	Mine not working
3n	Ore to OB ratio for the pit/mine during the year.	1:0.40	NIL	Mine not working
3o	Total area put in use under different heads at the end of year	1.44.8 Hect	1.44.8 Hect	NIL
3p	Production of ROM mineral during the last five year period as applicable	2016-17=9360 2017-18=9594 2018-19=14144(up to Nov2018)	2016-17=5440 2017-18=nil 2018-19=nil(up to Nov2018)	
3q	General remarks of inspecting officers on method of mining etc.	---	---	Mine not working

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No mining plan during 2018-19	NA	NIL
4b	Location of topsoil, OB and mineral reject dumps	No mining plan during 2018-19	NA	NIL
4c	Number of dumps within lease area and outside of lease area	No mining plan during 2018-19	NIL	NIL
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No mining plan during 2018-19	NIL	Existing dump locate dsouth of the pit
4e	Number of active and alive dumps.	No mining plan during 2018-19	nil	One dump is found in the mine
4f	Number of dead dumps.	No mining plan during 2018-19	NIL	No dead dump observed

4g	Number of dumps established.	No mining plan during 2018-19	NIL	NIL
4h	Whether Retaining wall or garland drain all along dumps are there.	No mining plan during 2018-19	NIL	NIL
4i	Length of Retaining wall or garland drain all along dumps	NIL	NIL	NIL
4j	Number of settling ponds	NIL	NIL	NIL
4k	Specific comments of inspecting officer on waste dump management	----	---	No mining plan during 2018-19, Inspection carried out for ROMP

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	NIL	mine is not working
5b	Area under backfilling of mined out area	NIL	NA	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NIL	NA	NIL
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-----	---	No mining plan during 2018-19, inspection carried out for ROMP

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).	submite	NIL	
6c	afforestation done (ha).	NIL	NA	NIL
6d	No. of saplings planted during the year	No mining plan during 2018-19	NIL	NIL
6e	Cumulative no .of plants	NIL	NIL	No mining plan during 2018-19
6f	Any other method of rehabilitation	NIL	NIL	NIL
6g	Cost incurred on watch and care during the year	NIL	NIL	No mining plan during 2018-19
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NIL	NIL	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	NIL	NIL	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NIL	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	NIL	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	NIL	NIL	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	NIL	NIL	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	---	--	Mine is not working

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	8486 (up to Nov 2018)	NIL	Nine is not working due to environmental clearance
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Manual	Manual	Nine is not working due to environmental clearance
7c	Different grade of mineral sorted out at mines.	NIL	NIL	Nine is not working due to environmental clearance
7d	Any beneficiation process at mines	NIL	NIL	No beneficiation

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	---	----	Nine is not working due to environmental clearance
----	--	-----	------	--

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No valid mining plan during Nove-2018-Mach-2019	NA	NIL
8b	Concurrent use or storage of topsoil	NIL	NIL	Mine not working
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No valid mining plan during Nove-2018-Mach-2019	NIL	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NIL	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	No valid mining plan during Nove-2018-Mach-2019
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	NIL	No valid mining plan during Nove-2018-Mach-2019
8g	Survival rate	NIL	80%	NIL
8h	Water sprinkling on roads to control airborne dust	NIL	NILNo valid mining plan during Nove-2018-Mach-2019	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	--	--	Mine not working, Inspection carried out for ROMP
----	--	----	----	---

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	Nil return submitted	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Given	found as per the proposals	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Mine not working	NIL	NIL
9d	Scrutiny of Annual return on afforestation	Given	NIL	Mine not working
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil return submitted	NIL	Mine not working
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No valid mining plan during Nove-2018-Mach-2019	NIL	Mine not working
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	---	290	--
9h	Scrutiny of Annual return on fixed assets	---	No given	
9k	Scrutiny of Annual return on mining machineries	---	--	Not furnished, Mine is not working

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 :

(S. THIRUNAVUKKARASU)

Indian Bureau of Mines