

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

MCDR INSPECTION REPORT

Chennai regional office

Mine file No : TN/DAN/LST-4.MDS

Mine code : 38TMN06007

- (i) Name of the Inspecting : **T003**) **S.THIRUNAVUKKARASU**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Mr. Ilangovan Owner.
Official with
Designation
- (iv) Date of Inspection : 05/12/2019
- (v) Prev.inspection date : 12/04/2018

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **THETHAMPATTY- I (1.70 HA)**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : TAMIL NADU
- District : DINDIGUL
- Village : THETHAMPATTY
- Taluka : NATHAM
- Post office : SIRUGUDI
- Pin Code : 624404
- FAX No. :
- E-mail :
- Phone : 04544-77632
- (f) Police Station :
- (g) First opening date : 01/03/1983
- (h) Weekly day of rest : SUN
2. Address for : SIRUGUDI POST
correspondance NATHAM TK.
DINDIGUL DT
3. (a) Lease Number : TMN0001
- (b) Lease area : 1.7
- (c) Period of lease : 3
- (d) Date of Expiry : 27/02/1986
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : S.ASAI ALANGARAM ,MINE OWNER
 SIRUGUDI POST NATHAM TK.
 DINDIGUL DT. DINDIGUL TAMIL
 NADU
 Phone:04544-77632
 FAX :

Owner : S.ASAI ALANGARAM,
 SIRUGUDI POST NATHAM TK
 DINDIGUL DT. DINDIGUL TAMIL
 NADU
 Phone: 04544-77632
 FAX :

Manager

Name : SWAMIDURAI
 Qualification : MINING MATE
 Appointment/ :
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	15/02/2001
Plan/Scheme of Mining	:	Mining Scheme rule 12 MCDR1988	14/02/2002
	:	Mining Scheme rule 12 MCDR1988	10/09/2007
	:	Mining Scheme rule 12 MCDR1988	28/03/2013
	:	MP modif under 17(3) MCR 2016	30/03/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NA	5 Nos BH drilled total
1b	Exploration over lease area for geological axis 1 or 2	NIL	NA	Explored under G1 level
1c	Exploration Agencies and Expenditure in lakh rupees during the year	YED	M/s.Geo Exploration mining solution	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	NA	NIL
1e	Balance reserve as on 01/04/20	---	(111) - 31656 tons 221) - 202091 million tons	NIL
1f	General remarks of inspecting officers on geology, exploration etc	----	----	Geology, exploration found satisfactory

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Existing pit no -1	---	Mine not working
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NIL	NIL	No top soil generation
2c	Stripping ratio or ore to OB ratio	1:0.25	nil	Mine not working
2d	Quantity of topsoil generation in m3	NIL	Nil	No top soil generation
2e	Quantity of overburden generation in m3	NIL	NIL	NO OB

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

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1 nos	----	Mine was temporarily discontinued
3b	Quantity of ROM mineral production proposed	89705 tons (2018-19)	nil	Mine not working
3c	Recovery of sailable/usable mineral from ROM production	5382 tons	NIL	Mine not working
3d	Quantity of mineral reject generation	3588 tons	nil	Mine not working
3e	Grade of mineral rejects generation and threshold value declared.	NIL	NIL	NIL
3f	Quantity of sub grade mineral generation.	NIL	nil	No sub-grade mineral generation
3g	Grade of sub grade mineral generation	NJIL	NA	No sub-grade mineral generation
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	----	Mine not working
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NA	NIL
3j	Provision of drilling and blasting in mineral benches	yes	---	Mine not working

3k	Provision of mining machineries in mineral benches	Rock breaker & Excavator	----		Mine not working
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	4 m height	4 m height		NIL
3m	Total area covered under excavation/pits	1.05.6	NIL		Mine not working
3n	Ore to OB ratio for the pit/mine during the year.	1:0.25	NIL		Mine not working
3o	Total area put in use under different heads at the end of year	--	1.35.6 HA		NIL
3p	Production of ROM mineral during the last five year period as applicable	2015-16 5354 2016-17 5111 2017-18 45354 2018-19 5382 2019-20 4371	2015-16 5483 2016-17 5387 2017-18 NIL 2018-19 NIL 2019-20 NIL		Mine was temporarily discontinued from 20.02.2017
3q	General remarks of inspecting officers on method of mining etc.	---	----		Mine was temporarily discontinued, inspection carried out for ROMP

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	OB & mineral proposed	NIL	Mine was temporarily discontinued
4b	Location of topsoil, OB and mineral reject dumps	E1100 E1150 - N1150 N1200	----	Mine not working
4c	Number of dumps within lease area and outside of lease area	1	1	Mine not working

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	E1100 N1150 E1150 N1200 - -----		Mine not working
4e	Number of active and alive dumps.	1	1	Mine not working
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.	NIL	NA	NIL
4i	Length of Retaining wall or garland drain all along dumps	NIL	NA	NIL
4j	Number of settling ponds	NIL	NA	NIL
4k	Specific comments of inspecting officer on waste dump management	----	-----	waste dump management found to be 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.	NA	NA	Mine was temporarily discontinued
5b	Area under backfilling of mined out area	NA	NA	Mineral not fully exhaust
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	Mineral yet to Be mined
5d	Total area fully reclaimed and rehabilitated	NA	NA	Not at this stage

5e	General remarks of inspecting officers on backfilling and reclamation etc.	--	---	Mine was temporarily discontinued
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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	Not Submitted	Mine was temporarily discontinued
6b	Area available for rehabilitation (ha) .	NIL	NA	NIL
6c	afforestation done (ha).	NA	NA	NA
6d	No. of saplings planted during the year	15	NA	Mine not working
6e	Cumulative no .of plants	NIL	NIL	Mine not working
6f	Any other method of rehabilitation	NIL	NA	No other method
6g	Cost incurred on watch and care during the year	nil	NA	NIL
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	nil	NA	No back filling
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NIL	NA	NIL

6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	NIL	NA	NIL
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NIL	NA	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NIL	NIL	Back filling not proposed
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NIL	NA	Not at this stage
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	nil	NA	Mineral not fully explored
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NIL	NA	NIL
6p	Compliance of environmental monitoring (core zone and buffer zone)	--	---	Mine was not working
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM 8970 MT (2018-19)	-----	Mine was temporarily discontinued from 20.02.2017
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NIL	NIL	Mine not working
7c	Different grade of mineral sorted out at mines.	NIL	NA	Mine not working
7d	Any beneficiation process at mines	NIL	NA	Mine not working
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	----	--	Mine not working

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	na	No proposal
8b	Concurrent use or storage of topsoil	NIL	NA	No top soil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	E1100 E1150 - N1150 N1200	---	Mine not working
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	NA	Not at this stage

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	NIL	NIL
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	15 Nos of plantatio	--	Mine not working
8g	Survival rate	70%	---	Mine not working
8h	Water sprinkling on roads to control airborne dust	Proposed	---	Mine not working
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	----	----	Mine was temporarily discontinued from 20.02.2017

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	yes	Annual return for 2018-19 submitted	Mine was temporarily discontinued from 20.02.2017
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	Annual return for 2018-19 submitted
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	NIL	Annual return for 2018-19 submitted
9d	Scrutiny of Annual return on afforestation	NIL	NIL	Annual return for 2018-19 submitted

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NIL	Annual return for 2018-19 submitted
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NIL	NIL	Annual return for 2018-19 submitted
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL	NIL	Annual return for 2018-19 submitted
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	Annual return for 2018-19 submitted
9k	Scrutiny of Annual return on mining machineries	NIL	NIL	Annual return for 2018-19 submitted

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