

**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 : S011 ) SALIL SANDIP KUJUR  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Mr. Ilangovan Owner.  
Official with  
Designation
- (iv) Date of Inspection : 12-APR-18
- (v) Prev.inspection date : 14-SEP-17

**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-MAR-83
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : SIRUGUDI POST  
NATHAM TK.  
DINDIGUL DT
3. (a) **Lease Number** : TMN0001
- (b) **Lease area** : 1.7
- (c) **Period of lease** : 3
- (d) **Date of Expiry** : 27-FEB-86
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-FEB-01
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	14-FEB-02
		Mining Scheme rule 12 MCDR1988	10-SEP-07
		Mining Scheme rule 12 MCDR1988	28-MAR-13
		MP modif under 17(3) MCR 2016	30-MAR-16

## PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	NIL	NIL	NIL
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	16000	16000	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	47373 mt	47373 mt	NIL
1f	General remarks of inspecting officers on geology, exploration etc	-	-	NIL

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	WESTERN SIDE OF LEASE	WESTERN SIDE OF LEASE	NO WORK IN CURRENT YEAR DUE TO WANT OF E.C
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	YES	YES	NIL
2c	Stripping ratio or ore to OB ratio	1:0.40	1:0.40	NIL
2d	Quantity of topsoil generation in m3	NIL	NIL	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
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	TWO	NIL	NIL
3b	Quantity of ROM mineral production proposed	8923 MT	NIL	NIL
3c	Recovery of sailable/usable mineral from ROM production	5354MT	NIL	NIL
3d	Quantity of mineral reject generation	3569MT	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
3h	Manual / Mechanised method adopted for segregating from ROM	MANUAL	NIL	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	NO WORK	NIL

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3k	Provision of mining machineries in mineral benches	NA	NIL	NIL
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	YES	NIL, MAINTAINED AS PER PLAN	NIL
3m	Total area covered under excavation/pits	1.05HA	1.05HA	NIL
3n	Ore to OB ratio for the pit/mine during the year.	1:0.40	1:0.40	NIL
3o	Total area put in use under different heads at the end of year	MINING=1.05HA, WASTE DUMP=0.13.3HA, ROADS=0.03HA, OTHERS=0.040HA	MINING=1.05HA, WASTE DUMP=0.13.3HA, ROADS=0.03HA, OTHERS=0.040HA	NIL
3p	Production of ROM mineral during the last five year period as applicable	2015-16=8923MT, 2016-17=8518MT, 2017-18=8923 MT	2015-16=4606MT, 2016-17=4524.8MT, 2017-18=NIL MT	NIL
3q	General remarks of inspecting officers on method of mining etc.	-	-	MINES ONT IN OPERATION DUE TO WANT OF E.C

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	YES	NIL	NIL
4b	Location of topsoil, OB and mineral reject dumps	ONE DUMP IN NORTH EAST AND OTHER IN SOUTH	ONE DUMP IN NORTH EAST AND OTHER IN SOUTH	NIL
4c	Number of dumps within lease area and outside of lease area	TWO	TWO WITHIN LEASE	NIL

4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	OUT SIDE	OUTSIDE THE UPL	NIL
4e	Number of active and alive dumps.	ACTIVE=2	ACTIVE=2	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	YES	NIL
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	NIL
4j	Number of settling ponds	NA	NA	NIL
4k	Specific comments of inspecting officer on waste dump management	-	-	NIL

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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.	YES	NA	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	NA	NA	NIL

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5e	General remarks of inspecting officers on backfilling and reclamation etc.	NA	NA	NIL
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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	YES	NIL
6b	Area available for rehabilitation (ha) .	NIL	NIL	NIL
6c	afforestation done (ha).	NIL	NIL	NIL
6d	No. of saplings planted during the year	15	15	NIL
6e	Cumulative no .of plants	60	45	NIL
6f	Any other method of rehabilitation	NA	NA	NIL
6g	Cost incurred on watch and care during the year	NA	NA	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

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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	NA	NA	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA	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)	NA	NIL	NIL
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	NIL

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Mineral Conservation:

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Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	5354MT	NIL	NIL
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	MANUAL	NIL	NIL
7c	Different grade of mineral sorted out at mines.	NA	NA	NIL
7d	Any beneficiation process at mines .	NIL	NIL	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)	YES	NIL	NIL
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	NA
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	60 NOS	45 NOS PLANTED	NIL
8g	Survival rate	75%	75%	NIL
8h	Water sprinkling on roads to control airborne dust	YES	NIL	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	NIL

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	YES	SUBMITTED	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.	YES	AS PROPOSED	NIL
9d	Scrutiny of Annual return on afforestation	YES	NIL	NIL

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9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	YES	GIVEN	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	GIVEN	AS GIVEN	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	YES	GIVEN IN AR	NIL
9h	Scrutiny of Annual return on fixed assets	GIVEN IN AR	YES	NIL
9k	Scrutiny of Annual return on mining machineries	NA	NA	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