

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

**Review and updation of Mining Plan REPORT**

**Chennai regional office**

**Mine file No :** TN/SLM/LST-123.MDS

**Mine code :** 38TMN11077

- (i) Name of the Inspecting : **T028** ) **T.PHALTHURAJHEN**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : SRI. JAGANATHAN, RQP. Representative of lessee.  
Official with  
Designation
- (iv) Date of Inspection : 23/02/2019
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **CHINNAGOUNDANUR (0.943HA)**
- (b) **Registration NO.** : **5107/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : TAMIL NADU
- District : SALEM
- Village : CHINNAGOUNDANUR
- Taluka :
- Post office :
- Pin Code :
- FAX No. : 04283-240620
- E-mail : geothangam@gmail.com
- Phone : 04283-240620.
- (f) Police Station : SANKARI
- (g) First opening date : 26/05/1994
- (h) Weekly day of rest : SUN
2. Address for : NO 7 , KOTTAI STREET,  
correspondance SANKARI - 637301
3. (a) Lease Number : TMN0344
- (b) Lease area : 2.42
- (c) Period of lease : 5
- (d) Date of Expiry : 29/05/1999
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : K.SEKARAN,M/S KALAIMAGAL MINERAL CORP  
NO:7,KOTTAI STREET,  
SANKARI. SALEM TAMIL NADU  
Phone:  
FAX :

Owner : K.SEKARAN , M/S KALAIMAGAL MINERAL CORPORATION  
NO:7 ,KOTTAI STREET ,  
SANKARI, SALEM TAMIL NADU  
Phone:  
FAX :

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	14/06/2004
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	07/10/2011
		Mining Scheme rule 12 MCDR1988	14/08/2012
		Renewal under rule 24 MCR1960	17/07/2014

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	2nos, upto 18.5 m depth PBHI-18.5 m core drill, PBH2-18.5 M =37M	Nil	mine is not working since jan-2017 for want of EC.
1b	Exploration over lease area for geological axis 1 or 2	G1	G1	G1 LEVEL
1c	Exploration Agencies and Expenditure in lakh rupees during the year	geological team of RQP	Rs.48,100/	Not required
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	NA	Not required
1e	Balance reserve as on 01/04/20	31535 Ts of ROM recoverable reserves	22075 Ts of recoverable reserves	nil

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Development was carried out in the Southern portion of the lease area.	No development work was going on during the inspection.	Mine is not working since jan-2017 for want of EC.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	One bench proposed to topsoil, 6 benches to mineral	No work as mine is closed due to want of EC.	No work as mine is closed due to want of EC.
2c	Stripping ratio or ore to OB ratio	1:0.08	No work as mine is closed due to want of EC.	Nil
2d	Quantity of topsoil generation in m3	Nil	Nil	Nil
2e	Quantity of overburden generation in m3	Nil	Nil	Mine is not working since jan 2017 for want of EC

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	mine is not working since jan 2017 for want of EC.
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### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	one pit	No work as mine is closed due to want of EC	mine is not working ,since jan-2017 for want of EC.
3b	Quantity of ROM mineral production proposed	31535 ts ROM	Nil	Mine is not working since jan 2017 , for want of EC.
3c	Recovery of sailable/usable mineral from ROM production	22075 Ts	Nil	mine is not working since jan 2017 for want of EC.
3d	Quantity of mineral reject generation	9461 Ts	Nil	mine is not working since jan 2017.
3e	Grade of mineral rejects generation and threshold value declared.	Nil	Nil	mine is not working since jan-2017 for want of EC.
3f	Quantity of sub grade mineral generation.	Nil	Nil	Nil
3g	Grade of sub grade mineral generation	Nil	Nil	no comments.
3h	Manual / Mechanised method adopted for segregating from ROM	manual	No work as mine is closed due to want of EC.	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	NA.
3j	Provision of drilling and blasting in mineral benches	Yes	Nil	drilling & blasting in mineral benches during works.

3k	Provision of mining machineries in mineral benches	yes	No work mine is closed due to want of EC.	Mining machineries utilised in mineral benches during work .
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	bench height 3 to 5 m	No work	NIL
3m	Total area covered under excavation/pits	0.26.5 ha	0.26.5 ha, mining	Nil
3n	Ore to OB ratio for the pit/mine during the year.	1:1.31	Nil	Nil, mine is not working.
3o	Total area put in use under different heads at the end of year	mining=0.26.5 ha , waste dump=0.11.0 ha , mine road=0.02.0 ha , plantation=0.08.0 ha.	mining=0.26.5 ha , waste dump=0.11.0 ha , mine road=0.02.0 ha , plantation=0.08.0 ha.	Nil , as mine is closed due to want of EC.
3p	Production of ROM mineral during the last five year period as applicable	2014-15=4816 ts, 2015-16=4750 Ts ,2016-17=4253 ts ,2017-18=4368 Ts	2014-15=945 Ts ,2015-16=1495 ts ,2016-17=1725 ts ,2017-18=0 Ts	production is within the limits.
3q	General remarks of inspecting officers on method of mining etc.	Nil	Nil	satisfactory, However mines is closed due to want of EC.

## Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Topsoil-988 Ts, mineral rejects-1872Ts(Waste)	Topsoil-988 Ts, mineral rejects-1872Ts(Waste) dumped separately.	Nil, As mine is closed due to want of EC.
4b	Location of topsoil, OB and mineral reject dumps	Topsoil-southern boundary, mineral rejects ( Waste) North & northernwestern side.	Topsoil-southern boundary, mineral rejects ( Waste) North & northernwestern side.	No comments.

4c	Number of dumps within lease area and outside of lease area	2 within the lease area	2 within the lease area	No comments.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	North, northwestern and southern boundary	North, northwestern and southern boundary	Mine is not working since jan 2017 for want of EC
4e	Number of active and alive dumps.	2	2	Nil , as mine is closed due to want of EC
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Nil	Nil	No comments.
4h	Whether Retaining wall or garland drain all along dumps are there.	No	Nil	Nil
4i	Length of Retaining wall or garland drain all along dumps	Yes	Nil	Nil, as mine is closed due to want of EC.
4j	Number of settling ponds	Nil	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	-	-	Nil, As mine is closed due want of EC.

#### 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	mine not exhausted at any place.	Nil
5b	Area under backfilling of mined out area	Nil	No backfilling	Nil.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	Na	Not applicable.

5d	Total area fully reclaimed and rehabilitated	Nil	Nil	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	No comments.

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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).	The mine is not in operation since jan 2017 for want of EC.	The mine is not in operation since jan 2017 for want of EC	Nil
6b	Area available for rehabilitation (ha) .	Nil	Nil	Nil
6c	afforestation done (ha).	100 Sq, 10 saplings , Rs1200/	100 Sq, 10 saplings , Rs1200/	No comments.
6d	No. of saplings planted during the year	10 saplings	10 saplings	Due to water problems survival rate is reduced
6e	Cumulative no .of plants	50 plants	50 plants ,Expenditure Rs6000/	Due to water problems survival rate is reduced.
6f	Any other method of rehabilitation	No	NA	not required.
6g	Cost incurred on watch and care during the year	Nil	Nil	Nil, as mine is closed due to want of EC.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	mineral not exhausted	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestati on on backfilled area	Nil	NA	Nil

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	yes, after completion of mining water harvesting will be formed.
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	Nil	Nil , mine is closed due to want of EC.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil	no wasteland available with lessee.	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil	No waste land available with lessee.	No land available with lessee with lessee.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Nil	Nil	No land available with lessee.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes	Nil, as mine is closed due to want of EC	Nil, as mine is closed due to want of EC
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	Nil , As mine is closed due to want of EC.

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**Mineral Conservation:**

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	yes	Nil, as mine is closed due to want of EC.	Nil.

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7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	manual	manual sorting , but presently Nil, as mine is closed due to want of EC	Nil
7c	Different grade of mineral sorted out at mines.	yes, All grades ,sizes are recovered	Nil, as mines is closed due to want of EC	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	All grades and sizes are being recovered, satisfactory.

## Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	No generation	Not observed at present.
8b	Concurrent use or storage of topsoil	No proposal	Nil	Not observed at present.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes, Separate dumps are proposed	Nil, as mine is closed due to want of EC.	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	Mineral is not exhausted in any area.	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil, as mine is closed due to want of EC	water harvesting bond will be formed after mining

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	50 nos. of saplings planted	50 nos. of saplings planted	No comments.
8g	Survival rate	-	70%	mine is not working since 2017 for want of EC.
8h	Water sprinkling on roads to control airborne dust	yes.	Nil, as mine is closed due to want of EC.	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	Greenary development along with the boundary satisfactory.

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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.	Annual returns submitted for the year 2015-16, 2016-17, &2017-18.	being submitted regularly.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	The mine is not in operation since jan-2017 for want of EC.	The mine is not in operation since jan-2017 for want of EC.	The mine is not in operation since jan-2017 for want of EC.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit=0.26.5 ha, Dump=0.11.0 ha, Reclaimed=0 ha.	Nil, as mines is closed due to want of EC.	No comments.
9d	Scrutiny of Annual return on afforestation	As proposed .	50 Nos of saplings planted	Nil , as mining is closed due to want of EC.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	19421 Ts	Nil	Nil, as mine is closed due to want of EC.

9f	Scrutiny of Annual return on ROM stock and/or graded ore	yes	9.050 Ts	Nil, as mine is closed due to want of EC.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	mine is not working since jan.2017 for want of EC.	Mine is not working since jan.2017 for want of EC.
9h	Scrutiny of Annual return on fixed assets	only land value.	Nil, as mine is closed due to want of EC.	Nil, as mine is closed due to want of EC.
9k	Scrutiny of Annual return on mining machineries	Nil	Nil, as mine is closed due to want of EC	Nil, as mine is closed due to want of EC

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**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 :

(T.PHALTHURAJHEN)

Indian Bureau of Mines