

**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-149/MDS

**Mine code :** 38TMN11081

- (i) Name of the Inspecting : **K08** ) **G.SORNADURAI KANNAN**  
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Thiru. S.Ilavarasan, QP  
Official with  
Designation
- (iv) Date of Inspection : 13/07/2022
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **ALATHUR(1.59)**
- (b) **Registration NO.** : **IBM/9675/2012**
- (c) **Category** : B Manual
- (d) **Type of Working** : Opencast
- (e) **Postal address**
- State : TAMIL NADU
- District : SALEM
- Village :
- Taluka :
- Post office :
- Pin Code :
- FAX No. :
- E-mail : microminerals\_srini@yahoo.co
- Phone : 9842752404
- (f) **Police Station** : Sankari
- (g) **First opening date** : 24/09/1999
- (h) **Weekly day of rest** : SUN
2. **Address for correspondance** : NO.35, KANAKANKADU, VELLAPPARAI KADU  
VARUNALLAMPALAYAM, ALATHUR POST  
SANKARI, SALEM-637 303.
3. (a) **Lease Number** : TMN0725
- (b) **Lease area** : 1.59
- (c) **Period of lease** : 20
- (d) **Date of Expiry** : 23/11/2019
4. **Mineral worked** : LIMESTONE Main

## 5. Name and Address of the

Lessee : N.NANJAPPAN, M/S SRI SIVASAKTHI MINERALS  
 VARANALLAMPALAYAM ALATHUR  
 POST, SANKARI TALUK SALEM  
 DISTRICT SALEM TAMIL NADU  
 Phone:  
 FAX :

Owner : N.NANJAPPAN (SRI SIVASAKTHI MINERALS)  
 NO.35, KANAKANKKADU,  
 VELLAPPARI KAD  
 VARUNALLAMPALAYAM, ALATHUR  
 POST SANKARI, SALEM-637  
 303. SALEM TAMIL NADU  
 Phone:  
 FAX :

6. Date of approval of Mining	:	Modif.of approved Mining Plan	02/04/2004
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	18/08/2004
		Mining Scheme rule 12 MCDR1988	03/12/2012
		Mining Scheme rule 12 MCDR1988	16/09/2014

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	There is no Proposal during 2021-2022 and Mining Scheme is valid upto 2019.	No Boreholes has drilled	Violation has pointed out under Rule 11(4)
1b	Exploration over lease area for geological axis 1 or 2	5 - Additional exploration was proposed in mining Scheme over the lease area for Geological axis - 1 during 2014-2015	4- Additional exploration was carried out in the lease area for Geological axis - 1 during 2016.	Form-I & J has been submitted
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Own drilling and/ or Contract drilling machines were used for Exploration in the past.	Total 4 boreholes were drilled during 2016.	Total Rs. 0.50 lac was spent on exploration.
1d	Balance area to be explored to bring Geological axis in 1 or 2	There is no Proposal during 2021-2022 and Mining Scheme is valid upto 2019.	Entire lease area of 1.59 hect in under G-1 category based on exploration carried out during 2016.	Exploration was carried out at 50m X 50m grid interval during 2016
1e	Balance reserve as on 01/04/20	There is no Proposal during 2021-2022 and Mining Scheme is valid upto 2019.	As on 01.04.2022 Proved Mineral Reserves (111) = 43264 Tons Pre-Feasibility Mineral Resources (221) = 384961 Tons	Reserves & Resources are updated based on submitted draft RMP.
1f	General remarks of inspecting officers on geology, exploration etc	It is part of Archean complex of peninsular gneiss.	The deposit consists of Granite Gneiss and Crystalline limestone intruded by younger granite.	Entire Lease is having Same Geology and Mineralogy is changes from place to place. Hence borehole has to be drilled at closer interval to get quantity and quality

## Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	There is no Proposal during 2021-2022 and Mining Scheme is valid upto 2019.	As per office records, this mines is non-working from 2017 for want of Statuary Clearance.	Violation has pointed out under Rule 11(4)
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposal	Nil	Nil
2c	Stripping ratio or ore to OB ratio	No Proposal	Nil	Nil
2d	Quantity of topsoil generation in m3	No Proposal	Nil	Nil
2e	Quantity of overburden generation in m3	No Proposal	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	There is no valid mining plan from 2019.	As per office records, this mines is non-working from 2017 for want of Statuary Clearance.	During Inspection, it has noticed that mines was running without any valid document Violation has pointed out under Rule 11(4)

## Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	There is no Proposal during 2021-2022 and Mining Scheme is valid upto 2019.	As per office records, this mines is non-working from 2017 for want of Statuary Clearance.	Violation has pointed out under Rule 11(4)
3b	Quantity of ROM mineral production proposed	No Proposal	Nil	Nil
3c	Recovery of sailable/usable mineral from ROM production	No Proposal	Nil	Nil
3d	Quantity of mineral reject generation	No Proposal	Nil	Nil

3e	Grade of mineral rejects generation and threshold value declared.	No Proposal	Nil	Nil
3f	Quantity of sub grade mineral generation.	No Proposal	Nil	Nil
3g	Grade of sub grade mineral generation	No Proposal	Nil	Nil
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	Nil	Nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposal	Nil	Nil
3j	Provision of drilling and blasting in mineral benches	No Proposal	Nil	Nil
3k	Provision of mining machineries in mineral benches	No Proposal	Nil	Nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal	Nil	Nil
3m	Total area covered under excavation/pits	No Proposal	Nil	Nil
3n	Ore to OB ratio for the pit/mine during the year.	No Proposal	Nil	Nil
3o	Total area put in use under different heads at the end of year	No Proposal	Land use Pattern as on 01.04.2022. Mines = 1.156 hect Road = 0.03 hect	Landuse Pattern is updated based on submitted draft RMP

3p	Production of ROM mineral during the last five year period as applicable	2021-2022 = No Proposal 2020-2021 = No Proposal 2019-2020 = No Proposal 2018-2019 = 5158 tons 2017-2018 = 6006 tons	2021-2022 = Nil 2020-2021 = Nil 2019-2020 = Nil 2018-2019 = Nil 2017-2018 = Nil	As per office records, this mines is non-working from 2017 for want of Statuary Clearance.
3q	General remarks of inspecting officers on method of mining etc.	There is no Proposal during 2021-2022 and Mining Scheme is valid upto 2019.	As per office records, this mines is non-working from 2017 for want of Statuary Clearance.	During Inspection, it has noticed that mines was running without any valid document Violation has pointed out under Rule 11(4)

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Proposal	Nil	Nil
4b	Location of topsoil, OB and mineral reject dumps	No Proposal	Nil	Nil
4c	Number of dumps within lease area and outside of lease area	No Proposal	Nil	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	Nil	Nil
4e	Number of active and alive dumps.	No Proposal	Nil	Nil
4f	Number of dead dumps.	No Proposal	Nil	Nil
4g	Number of dumps established.	No Proposal	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposal	Nil	Nil

4i	Length of Retaining wall or garland drain all along dumps	No Proposal	Nil	Nil
4j	Number of settling ponds	No Proposal	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	There is no valid mining plan from 2019.	As per office records, this mines is non-working from 2017 for want of Statuary Clearance.	During Inspection, it has noticed that mines was running without any valid document Violation has pointed out under Rule 11(4)

#### 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.	No Proposal	Nil	Nil

#### 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).	It should be on or before 1st July every year.	Not Submitted	There is no valid mining plan from 2019.
6b	Area available for rehabilitation (ha) .	No Proposal	Nil	Nil
6c	afforestation done (ha).	No Proposal	Nil	Nil
6d	No. of saplings planted during the year	No Proposal	Nil	Nil
6e	Cumulative no .of plants	No Proposal	Nil	Nil
6f	Any other method of rehabilitation	No Proposal	Nil	Nil

6g	Cost incurred on watch and care during the year	No Proposal	Nil	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	No Proposal	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposal	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No Proposal	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposal	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No Proposal	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No Proposal	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposal	Nil	Nil



6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No Proposal	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	No Proposal	Nil	Nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	There is no valid mining plan from 2019.	As per office records, this mines is non-working from 2017 for want of Statuary Clearance.	During Inspection, it has noticed that mines was running without any valid document Violation has pointed out under Rule 11(4)

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposal	Nil	Nil
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No Proposal	Nil	Nil
7c	Different grade of mineral sorted out at mines.	No Proposal	Nil	Nil
7d	Any beneficiation process at mines	No Proposal	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	There is no valid mining plan from 2019.	As per office records, this mines is non-working from 2017 for want of Statuary Clearance.	During Inspection, it has noticed that mines was running without any valid document Violation has pointed out under Rule 11(1)

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Environment:

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Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	Nil	Nil
8b	Concurrent use or storage of topsoil	No Proposal	Nil	Nil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	Nil	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Nil	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No Proposal	Nil	Nil
8g	Survival rate	No Proposal	Nil	Nil
8h	Water sprinkling on roads to control airborne dust	No Proposal	Nil	Nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Scanty vegetation, bushes, neem are observed in lease area	Degraded Mining Land	Outside lease area, agriculture is done with drift irrigation.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	MR Submitted up to = Not Submitted from Nov 2020 AR Submitted up to = Not Submitted from 2020-2021	Both Annual & Monthly returns are not submitted in online system for last two years.	Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Monthly & Annual Returns has not submitted for last 2 years	Mine is not working from 2017 for want of Statuary Clearance. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Monthly & Annual Returns has not submitted for last 2 years	Mine is not working from 2017 for want of Statuary Clearance. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9d	Scrutiny of Annual return on afforestation	Nil	Monthly & Annual Returns has not submitted for last 2 years	Mine is not working from 2017 for want of Statuary Clearance. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Monthly & Annual Returns has not submitted for last 2 years	Mine is not working from 2017 for want of Statuary Clearance. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Nil	Monthly & Annual Returns has not submitted for last 2 years	Mine is not working from 2017 for want of Statuary Clearance. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)

9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Monthly & Annual Returns has not submitted for last 2 years	Mine is not working from 2017 for want of Statuary Clearance. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9h	Scrutiny of Annual return on fixed assets	Nil	Monthly & Annual Returns has not submitted for last 2 years	Mine is not working from 2017 for want of Statuary Clearance. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)
9k	Scrutiny of Annual return on mining machineries	Nil	Monthly & Annual Returns has not submitted for last 2 years	Mine is not working from 2017 for want of Statuary Clearance. Violation has pointed out under Rule 45(5)(b)(i) & 45(5)(c)(i)

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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
MCDR17	Rule 11(1)	29/07/2022			
MCDR17	Rule 11(4)	29/07/2022			
MCDR17	Rule 45(5) (k	29/07/2022			
MCDR17	Rule 45(5) (c	29/07/2022			

**Date :**

**(G.SORNADURAI KANNAN)**

Indian Bureau of Mines