

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

**MCDR inspection REPORT**

**Chennai regional office**

**Mine file No :** TN/VRD/LST-28.MDS

**Mine code :** 38TMN30021

- (i) Name of the Inspecting : **A027** ) **A.S.SANJEEVA RAO**  
Officer and ID No.
- (ii) Designation : Assistant Mining Geologis
- (iii) Accompanying mine : Veeran,Rep., of Lessee.  
Official with  
Designation
- (iv) Date of Inspection : 05-JUL-18
- (v) Prev.inspection date : 13-SEP-17

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **PANNAIMOONRADAIPPU(3.31HA**
- (b) **Registration NO.** : **IBM/5970/2011**
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
- State : TAMIL NADU
- District : VIRUDHUNAGAR
- Village : PANNAIMOONTRADAIPPUR
- Taluka : TIRUCHULI
- Post office : P.THOTTIAMKULAM
- Pin Code :
- FAX No. :
- E-mail :
- Phone : 9842955099
- (f) Police Station : Aruppukottai
- (g) First opening date : 03-SEP-05
- (h) Weekly day of rest : SUN
2. Address for : PANNAIMOODRADAIPPU VILL,  
correspondance TIRUCHULI TK,  
VIRUDHUNAGAR DT.
3. (a) Lease Number : TMN1001
- (b) Lease area : 3.31
- (c) Period of lease : 20
- (d) Date of Expiry : 26-SEP-25
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : R.PALANISAMY, OWNER  
39/2H, RAJIV NAGAR  
SEETHARAMAPALAYAM PO  
TIRUCHENGODE NAMAKKAL TAMIL  
NADU  
Phone:  
FAX :

Owner : R.PALANISAMY  
39/2H, RAJIV NAGAR  
SEETHARAMAPALAYAM POST  
TIRUCHENGODE NAMAKKAL TAMIL  
NADU  
Phone:  
FAX :

6. Date of approval of Mining : Fresh under rule 22 MCR1960 25-JUL-05  
Plan/Scheme of Mining Mining Scheme rule 12 MCDR1988 08-JAN-14

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil.	Nil.	No approved document since 2010 onwards.
1b	Exploration over lease area for geological axis 1 or 2	Axis-1	Axis-1	Reserve estimated upto 16m depth from surface.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Nil.	Nil.	No exploration was carried out.
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil.	Nil.	-
1e	Balance reserve as on 01/04/20	37500tonnes-(111) , 42000TONNES.	Reserve has been estimated upto 16m depth	-
1f	General remarks of inspecting officers on geology, exploration etc		Limestone proved upto 16m depth as per previous approved document.	

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t. lease area	No approved proposal.	Approximate pit dimensions are: Pit-1: 130X35-40mX-10m-14m : Pit-2: 15x7x2m-3m depth .	There is no approved proposal. The existing pit dimensions are: 130X35-40mX-10m-14m : Pit-2: 15x7x2m-3m depth . approximately.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches for top soil and mineral .	Being maintained.	Top soil cover is thin about 1m height.

2c	Stripping ratio or ore to OB ratio	No approved proposal.	There is no over burden.	-
2d	Quantity of topsoil generation in m3	No approved proposal.	Nil.	-
2e	Quantity of overburden generation in m3	Nil.	Nil.	-
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc		There is no approved proposal.Mine is not working since 2013.	Mining operations are under suspended on 12.11.2012.

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#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Nil	Nil	There is no approved proposal.
3b	Quantity of ROM mineral production proposed	Nil.	Nil.	There is no approved proposal.
3c	Recovery of sailable/usable mineral from ROM production	NIL	NIL	-
3d	Quantity of mineral reject generation	Nil.	Nil.	-
3e	Grade of mineral rejects generation and threshold value declared.	Country rock granite gneiss.	Country rock granite gneiss.	-
3f	Quantity of sub grade mineral generation.	Nil.	Nil.	-
3g	Grade of sub grade mineral generation	Nil.	Nil.	-
3h	Manual / Mechanised method adopted for segregating from ROM	No approved proposal.	Nil.	-

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3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No approved proposal.	Nil.	-
3j	Provision of drilling and blasting in mineral benches	No approved proposal.	Nil.	-
3k	Provision of mining machineries in mineral benches			

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There is no approved proposal.	Separate Maintained .	There is no approved proposal.
4b	Location of topsoil, OB and mineral reject dumps	There is no approved proposal.	South western side of ML.	Top soil and mineral waste.
4c	Number of dumps within lease area and outside of lease area	No approved proposal.	One dump.	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	On non mineralised area.	On southern side of ML.	-
4e	Number of active and alive dumps.	-	One dump within ML.	-
4f	Number of dead dumps.	Nil.	Nil.	-
4g	Number of dumps established.	Nil.	Nil.	-
4h	Whether Retaining wall or garland drain all along dumps are there.	No approved proposal.	Nil.	-
4i	Length of Retaining wall or garland drain all along dumps	There is no approved proposal.	Nil.	-

4j	Number of settling ponds	Nil.	Nil.	-
4k	Specific comments of inspecting officer on waste dump management		Dump maintained within ML.	Mining operations are under suspended on 12.11.2012.

#### 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 backfilling proposal during the doc period.	Nil.	-
5b	Area under backfilling of mined out area	Nil.	Nil.	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil.	Nil.	-
5d	Total area fully reclaimed and rehabilitated	No approved proposal.	Nil.	-
5e	General remarks of inspecting officers on backfilling and reclamation etc.		Mine is not working.	Mining operations are under suspended from 12.11.2012.

#### 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).		Mine is not working.	
6b	Area available for rehabilitation (ha) .	Nil.	Not applicable.	-

6c	afforestation done (ha).	-	About 100sq mts.	-
6d	No. of saplings planted during the year	Nil.	About 13 nos.	
6e	Cumulative no .of plants	Nil.	About 40 nos.	
6f	Any other method of rehabilitation	Nil.	Nil.	-
6g	Cost incurred on watch and care during the year	Nil.	No details.	-
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Nil.	Nil.	-
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil.	Nil.	-
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Nil.	Nil.	-
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil.	Nil.	-
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil.	Nil.	-
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	Nil.	Nil.	-

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	Nil.	Nil.	No approved proposal.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	Nil.	Nil.	-
6p	Compliance of environmental monitoring (core zone and buffer zone)	Nil.	Nil.	Mine is not working
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.		No approved proposals. Mininig operationsa suspended from 12.11.2012	

#### Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area		No approved proposals.	Mine is not in operation since 2012.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No approved proposal.	Nil.	
7c	Different grade of mineral sorted out at mines.	No approved proposal.	Nil.	-
7d	Any beneficiation process at mines .	No approved proposal.	Nil.	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		Mine is not working ans mining operations suspended from 12.11.2012.	



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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)	Mine not in operation since 2012.	Nil.	Topsoil cover is thin less than 1m height.
8b	Concurrent use or storage of topsoil	Storage.	Small quantity stacked .	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil.	Separate stacking.	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil.	Nil.	Olny top soil and mineral waste.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil.	Nil.	-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Nil.	About 40 nos.	-
8g	Survival rate	Nil.	About 50%	-
8h	Water sprinkling on roads to control airborne dust	-	-	Mine is not working.

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8i General remarks of inspecting officer on aesthetic beauty in and around mines area

Plantaion obseved on the western side of ML .

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Being submitted regularly.	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	-	Not furnished as mine is under suspension.	Mine is not working since 2012.Mining boperations are sususpended.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL.	1.30hect	Not furnished.
9d	Scrutiny of Annual return on afforestation	NIL.	About 10-13nos.	Not furnished.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL.	Nil.	Not furnished.Mine not in operation.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NIL.	furnished under part-V of 4.2.	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Rs.500/-	Mine not working.	furnished under part-VI of sl no.2.
9h	Scrutiny of Annual return on fixed assets	Land- Rs.310000/-	-	furnished under part-IIA of sl no.1.

9k	Scrutiny of Annual return on mining machineries	AIR COMPRESSOR- 90.000 CUM/MN capacity-Nil no-Non Electric:	furnished under part-V of section no.7.	No of unites mentioned as NIL.No machinery is observed at mine site.
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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 :**

**(A.S.SANJEEVA RAO)**

Indian Bureau of Mines