

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

**Review and updation of Mining Plan REPORT**

**Bangalore regional office**

**Mine file No :** KNT/CTD/LST/12/BNG

**Mine code :** 38KAR07015

- (i) Name of the Inspecting : **P005** ) **C.PARAMESHWARAN**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : Sri. Nama Nagamalleswar rao (AGM-Mines)/ Praveen, Geo  
Official with  
Designation
- (iv) Date of Inspection : 18/10/2017
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **M.K.S. ( ML1882 )**
- (b) **Registration NO.** : **IBM/638/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : KARNATAKA
- District : CHITRADURGA
- Village : MATHODU
- Taluka : HOSADURGA
- Post office : MATHOD
- Pin Code : 577533
- FAX No. : 044-28478676 (F)kg@madras
- E-mail : mathod\_mines@ramcocements.
- Phone : 044-28477501 (O), 984109300
- (f) Police Station : Sri Rampura
- (g) First opening date : 14/05/1988
- (h) Weekly day of rest : SUN
2. Address for : The RAMCO Cements LTD., Auras Corporate centre  
correspondance 5th floor, 98A, Dr.Radhakrishanan road  
Mylapure Chennai-600 004.
3. (a) Lease Number : KAR1103
- (b) Lease area : 388.5
- (c) Period of lease : 20
- (d) Date of Expiry : 06/05/2003
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : THE RAMCO CEMENTS LIMITED,  
 MATHOD WORKS MATHOD  
 HOSADURGA TQ, CHITRADURGA  
 CHITRADURGA KARNATAKA  
 Phone:08199 - 240111, 240117 ,208938  
 FAX :

Owner : P.R.Venketrama Raja,  
 The Ramco Cements Limited,  
 Auras Corporate Centre",  
 Dr. RadhakrishnaSalai,  
 Mylapore, CHENNAI CITY  
 TAMIL NADU  
 Phone: 044-28478666, 0  
 FAX : 044-28478676 (

Agent : Ajit Kumar Paul  
 The Ramco Cements Limited  
 Method works, Hosadurga  
 Taluk, CHITRADURGA  
 KARNATAKA  
 Phone: 08199-240111/112  
 FAX : 08199-240314

6. Date of approval of Mining	:	Fresh under rule 22 MCR1960	14/06/2000
Plan/Scheme of Mining		Existing rule 11 MCDR1988	04/02/2002
		Existing rule 11 MCDR1988	30/04/2003
		Mining Scheme rule 12 MCDR1988	24/06/2009
		Mining Scheme rule 12 MCDR1988	02/02/2015

## 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	No proposals.	Nil	Nil
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposals.	NA	Nil
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals.	NA	Nil
1e	Balance reserve as on 01/04/20	1.563	1.563	same as above.
1f	General remarks of inspecting officers on geology, exploration etc	No proposals.	Due to non operational.	Advised to take up explorations, when the mine resumes.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N 3795 - 4100 E 1155 - 1335	NIL	Mining operation is temporary discontinued due to statutory obligation
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No generation of top soil. OB as mentioned above	NIL	Non operational.
2c	Stripping ratio or ore to OB ratio	1:2.04	NIL	nil
2d	Quantity of topsoil generation in m3	NIL	NIL	nil
2e	Quantity of overburden generation in m3	133787 TON	NIL	nil.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	No proposals.	Nil	NIL
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**Exploitation:**

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	NIL	NIL
3b	Quantity of ROM mineral production proposed	65430	NIL	Due to ML renewal under process.
3c	Recovery of sailable/usable mineral from ROM production	90%	NIL	nil
3d	Quantity of mineral reject generation	7270 TON	NIL	nil
3e	Grade of mineral rejects generation and threshold value declared.	CaO% > 38 MgO, 3.5	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	Mechanised	NA	nil
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NIL	NIL	nil
3j	Provision of drilling and blasting in mineral benches		NIL	nil

3k	Provision of mining machineries in mineral benches		NIL	nil
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height 6mtrs Width 8mtrs	NIL	nil
3m	Total area covered under excavation/pits	6.48Ha	NIL	nil
3n	Ore to OB ratio for the pit/mine during the year.	1:2.04	NIL	Mining operation is temporary discontinued due to statutory obligation.
3o	Total area put in use under different heads at the end of year	Pit - 6.48 ha Dump - 5.81ha Road - 2.20ha	Pit - 6.48 ha Dump - 5.81ha Road - 2.20ha	nil
3p	Production of ROM mineral during the last five year period as applicable	2012-13 - 6.5494 2013-14 - NIL 2014-15- 39562 2015-16 - 65323 2016-17 - 65430 in Tonnes	2012-13 - NIL 2013-14 - NIL 2014-15- NIL 2015-16 - NIL 2016-17 - NIL in Tonnes	no work due to lease renewal process is going on.
3q	General remarks of inspecting officers on method of mining etc.	No proposals.	Due to lease renewal under process with the state Govt.	nil

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Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	OB - 1 dump Top Soil -Nil Mineral Rejects-Nil	Nil	nil
4b	Location of topsoil, OB and mineral reject dumps	N-3565-3925 E-4140-4460	No operation in the mine.	Nil

4c	Number of dumps within lease area and outside of lease area	Within Lease area-2 Outside lease area-0	same no change.	as above.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	N-3565-3925 E-4140-4460 Outside the UPL	no work	nil
4e	Number of active and alive dumps.	2	Nil	nil
4f	Number of dead dumps.	0	Nil	Mining operation is temporary discontinued due to statutory obligation
4g	Number of dumps established.	No proposals.	Nil	nil
4h	Whether Retaining wall or garland drain all along dumps are there.	No proposals.	N.A	nil
4i	Length of Retaining wall or garland drain all along dumps	Garland drain -75mts X 1mts X 1mts	NIL	nil
4j	Number of settling ponds	No proposals.	NIL	nil
4k	Specific comments of inspecting officer on waste dump management	No proposals.	non working mine.	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.	NIL	NIL	Mining operation is temporary discontinued due to statutory obligation. Limestone still persist both laterally & Vertically.
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)	NIL	NIL	nil
5d	Total area fully reclaimed and rehabilitated	NIL	NIL	nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.	NIL	NIL	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 report.
6b	Area available for rehabilitation (ha) .	i) Nil ii) Nil iii) Nil iv) Nil v) Nil vi) Nil	i) Nil ii) Nil iii) Nil iv) Nil v) Nil vi) Nil	nil
6c	afforestation done (ha).	i) Nil ii) Nil iii) Nil iv) Nil v) Nil vi) Nil	i) Nil ii) Nil iii) Nil iv) Nil v) Nil vi) Nil	Mining operation is temporary discontinued due to statutory obligation

6d	No. of saplings planted during the year	i) Nil ii) Nil iii) Nil iv) Nil v) Nil vi) Nil	i) Nil ii) Nil iii) Nil iv) Nil v) Nil vi) Nil	no work in the mine.
6e	Cumulative no .of plants	i) Nil ii) Nil iii) Nil iv) Nil v) Nil vi) Nil	i) Nil ii) Nil iii) Nil iv) Nil v) Nil vi) Nil	nil
6f	Any other method of rehabilitation	No proposals.	nil	nil
6g	Cost incurred on watch and care during the year	No proposals.	nil	nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	No proposals.	Nil	NI1
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposals.	Nil	NI1
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposals.	Nil	NI1



6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposals.	Nil	NIL
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposals.	Nil	NIL
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposals.	Nil	NIL
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)			
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NO proposals.	nil	nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	No proposals.	nil	nil
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	No proposals	nil	nil.

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Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM Mineral dispatch	Nil	nil

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7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No proposals.	N.A	nil
7c	Different grade of mineral sorted out at mines.	Nil	Nil	nil
7d	Any beneficiation process at mines .	Nil	Nil	Mining operation is temporary discontinued due to statutory obligation.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	No proposals.	no work due to non renewal of ML .	nil

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NIL	No generation of top soil
8b	Concurrent use or storage of topsoil	NIL	NIL	No generation of top soil
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Proposed for OB/waste rock. Mineral rejects generally consist below threshold value will be dumped along with OB/waste	NIL	nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposals.	NIL	nil

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposals.	NIL	nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Existing plantation - Nil Additional plantation - Nil	NA	Mining operation is temporary discontinued due to statutory obligation
8g	Survival rate	NIL	N.A	N.A
8h	Water sprinkling on roads to control airborne dust	No proposals.	N.A	nil
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No proposals.	No work in the mine.	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	M.R. Submitted up to September - 2017 A.R. Submitted up to 2016-2017	M.R. Submitted up to September - 2017 A.R. Submitted up to 2016-2017	as above
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	NIL	Mining operation is temporary discontinued due to statutory obligation
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	NIL	NIL	

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9d	Scrutiny of Annual return on afforestation	NIL	NIL	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NIL	NIL	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NIL	NIL	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NIL	NIL	
9h	Scrutiny of Annual return on fixed assets	NIL	NIL	
9k	Scrutiny of Annual return on mining machineries	NIL	NIL	NO WORK

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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 :**

**(C.PARAMESHWARAN)**

Indian Bureau of Mines