

**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/17/BNG

Mine code : 38KAR07018

- (i) Name of the Inspecting : **OM5**) **Dr.OMKESHA MURTHY.M.G**
Officer and ID No.
- (ii) Designation : Regional Mining Geologist
- (iii) Accompanying mine : S/Shri N. Nagamalleswara Rao, Mines Manager, Dr.D.N.G
Official with
Designation
- (iv) Date of Inspection : 07/04/2022
- (v) Prev.inspection date : 20/12/2016

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **KANCHIPURA (ML 1839)**
- (b) **Registration NO.** : **IBM/638/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
- State : KARNATAKA
- District : CHITRADURGA
- Village : KANCHIPURA
- Taluka : HOSADURGA
- Post office : KANCHIPURA
- Pin Code :
- FAX No. : 08199-240314
- E-mail : mathod_mines@ramcocements.co
- Phone : 08199-240111/112
- (f) Police Station : SRIRAMPUR
- (g) First opening date : 27/01/2003
- (h) Weekly day of rest : SUN
2. Address for : TheMadras Cements ltd (The Ramco Cements Limite
correspondance Mathod works, Hosadurga Taluk,
Chitradurga Dist, Karnataka-577533
3. (a) Lease Number : KAR1092
- (b) Lease area : 48.36
- (c) Period of lease : 20
- (d) Date of Expiry : 17/01/2003
4. Mineral worked : DOLOMITE Associated
LIMESTONE Main

5. Name and Address of the

Lessee : MADRAS CEMENTS LTD
 NO.98-A, DR. RADHAKRISHNA
 SALAI, MYLAPUR, CHENNAI
 CITY TAMIL NADU
 Phone:08199-82033,82039,044-8555815
 FAX :08199-82044

Owner : P.R.Venketrama Raja
 The Ramco Cements Limited,
 "Auras Corporate Centre",
 Dr. Radhakrishna Salai,
 Mylapore, CHENNAI CITY
 TAMIL NADU
 Phone: 044-28478666.
 FAX : +91 4428478676

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

Mining Engineer

Name : K. Saravanan, Full Time
 Qualification : (BE-Mining)
 Appointment/ : 15/04/2013 21/08/2017
 Termination date

Manager

Name : K. Saravanan
 Qualification : (BE-Mining)
 Appointment/ : 15/04/2013 21/08/2017
 Termination date

6. Date of approval of Mining	:	Renewal under rule 22 MCR1960	02/12/2002
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	28/05/2007
		Modif.of approved Mining Plan	01/05/2012
		Mining Scheme rule 12 MCDR1988	11/09/2012
		MP review under 17(1) MCR 2016	25/01/2017

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year			
1b	Exploration over lease area for geological axis 1 or 2	No proposal.	No proposal.	This mine was non-working for almost entire five year RMP period vide temporary discontinuance notice dated 21.08.2017.
1c	Exploration Agencies and Expenditure in lakh rupees during the year			Entire mineralized area covered under G-1 level of exploration.
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal.	No proposal.	Entire lease area explored to G1.
1e	Balance reserve as on 01/04/20			15503835 MT.
1f	General remarks of inspecting officers on geology, exploration etc			This mine was non-working for almost entire five year RMP period vide temporary discontinuance notice dated 21.08.2017 and total area in G1. State DMG Karnataka vide letter no DMG/MLS/ML-2643/2021-22 dated 25/01/2022 confirmed the status of lease and its validity upto 14/10/2022. Meanwhile lessee has submitted draft RMP for which site inspection has been carried out for processing the document.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N1517502 N 1517880 to E657527 E657803	-	Presently Mine is non working.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)			Presently Mine is non working in Ore.
2c	Stripping ratio or ore to OB ratio	1 :2.01		Presently Mine is non working in Ore.
2d	Quantity of topsoil generation in m3	No proposal.		
2e	Quantity of overburden generation in m3	82435		Presently Mine is non working in Ore.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			This mine was non-working for almost entire five year RMP period vide temporary discontinuance notice dated 21.08.2017.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One.		Presently Mine is non working in Ore.
3b	Quantity of ROM mineral production proposed	156812 t		Presently Mine is non working in Ore.
3c	Recovery of sailable/usable mineral from ROM production	70%		
3d	Quantity of mineral reject generation	67205ton.		Presently Mine is non working in Ore.
3e	Grade of mineral rejects generation and threshold value declared.	Nil.	Nil .	

3f	Quantity of sub grade mineral generation.	No proposal.	No proposal.	All material above threshold value is being utilized.
3g	Grade of sub grade mineral generation	No proposal.	No proposal.	All material above threshold value is being utilized.
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised - Crushing		Presently Mine is non working in Ore.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No proposal.		
3j	Provision of drilling and blasting in mineral benches	Conventional Drilling & blasting has been proposed.		Presently Mine is non working in Ore.
3k	Provision of mining machineries in mineral benches	Open-cast mechanised mining method with heavy machineries Viz. excavators, Dumpers/tippers		Presently Mine is non working in Ore.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height - 6Mts to 8m Width - More than 20mts in working benches and more than height of bench in non working benches.		Presently Mine is non working in Ore.
3m	Total area covered under excavation/pits	18.613HA.		Presently Mine is non working in Ore.
3n	Ore to OB ratio for the pit/mine during the year.	1:052		

3o	Total area put in use under different heads at the end of year	Pit - 18.613HA Dump - 12.644HA Green belt - 5.393HA Road -2.30HA		Presently Mine is non working in Ore.
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 103385 2018-19: 89291 2019-20: 118011 2020-21 :120272 2021-22 :152812 (in tonnes)	2017-18: 13700 2018-19: 0 2019-20: 0 2020-21 :0 2021-22 :0 (in tonnes)	Presently Mine is non working in Ore.
3q	General remarks of inspecting officers on method of mining etc.			Presently Mine is non working in Ore.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Dumping is proposed for OB only.		Presently Mine is non working in Ore.
4b	Location of topsoil, OB and mineral reject dumps	N-156976-1517207 E- 657420-657559		Presently Mine is non working in Ore.
4c	Number of dumps within lease area and outside of lease area	One.		
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	N-156976-1517207 E- 657420-657559		
4e	Number of active and alive dumps.	1 no s	1 no s	
4f	Number of dead dumps.	0	0	
4g	Number of dumps established.	No proposal.	No proposal.	

4h	Whether Retaining wall or garland drain all along dumps are there.	No proposal.	No proposal.	
4i	Length of Retaining wall or garland drain all along dumps	No proposal.	No proposal.	
4j	Number of settling ponds	No proposal.	No proposal.	
4k	Specific comments of inspecting officer on waste dump management			This mine was non-working for almost entire five year RMP period vide temporary discontinuance notice dated 21.08.2017.

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.	NA	
5b	Area under backfilling of mined out area	No proposal.	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal.	NA	
5d	Total area fully reclaimed and rehabilitated	No proposal.	NA	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			NO proposals during this plan period.

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).			This year due for submission.
6b	Area available for rehabilitation (ha) .	No Proposals.	-	
6c	afforestation done (ha).	No Proposals.	--	
6d	No. of saplings planted during the year	No Proposals.	No Proposals.	
6e	Cumulative no .of plants	10,000	10,000	Outside the lease and in green belt area.
6f	Any other method of rehabilitation	NA	Plantation.	
6g	Cost incurred on watch and care during the year			
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	No proposal.	No proposal.	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No proposal.	No proposal.	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No proposal.	No proposal.	
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No proposal.	No proposal.	

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No proposal.	No proposal.	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No proposal.	No proposal.	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No proposal.	No proposal.	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No proposal.	No proposal.	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Environmental monitoring (core zone & buffer zone) Proposed.	Environmental monitoring (core zone & buffer zone) Done.	All the environmental parameters were observed within permissible limits.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			This mine was non-working for almost entire five year RMP period vide temporary discontinuance notice dated 21.08.2017.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposals.		
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	--	

7c	Different grade of mineral sorted out at mines.	No proposal.	No proposal.	
7d	Any beneficiation process at mines	No proposal.	NA.	NA.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Presently Mine is non working in Ore.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal.	No generation of top soil.	Presently Mine is non working in Ore.
8b	Concurrent use or storage of topsoil	No proposal.	No proposal.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal.	No proposal.	Presently Mine is non working in Ore.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal.	No proposal.	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal.	No proposal.	

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)			Presently Mine is non working in Ore.
8g	Survival rate	NA		Presently Mine is non working in Ore.
8h	Water sprinkling on roads to control airborne dust	NA	NA	Presently Mine is non working in Ore.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			This mine was non-working for almost entire five year RMP period vide temporary discontinuance notice dated 21.08.2017.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Timely submitted.		AR due for submission.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining engg. - 1	Mning Engineer present during inspection.	Presently Mine is non-working in Ore.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit - 18.613HA Dump -12.644HA Green belt - 5.393HA Road -2.30HA	Presently Mine is non-working in Ore.	
9d	Scrutiny of Annual return on afforestation	0.09 HA outside lease.	As per proposal.	Shown during inspection.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)			16822.711 tonnes as per the AR submitted for year 2020-21.

9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM Proposed 120272.	Presently Mine is non working in Ore.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost		
9h	Scrutiny of Annual return on fixed assets	538120- Value of Fixed Assets 142791 - Depreciation on fixed assets	As per AR submitted for FY 2020-21.
Presently Mine is non working in Ore.			
9k	Scrutiny of Annual return on mining machineries	Excavator L&T- 2, Wheel Loader 1 Dumper, Drilling Machine	Presently Mine is non working in Ore.

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 :

(Dr.OMKESHA MURTHY.M.G)

Indian Bureau of Mines