

**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/129/BNG

Mine code : 38KAR07017

- (i) Name of the Inspecting : **S19**) **SANDEEP KUMAR SINGH**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri Nama Nagamalleswar Rao, AGM (Mines), Shri D.N Gu
Official with
Designation
- (iv) Date of Inspection : 08/04/2022
- (v) Prev.inspection date : 05/05/2017

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DODDABELADAKERE(ML1849)**
- (b) **Registration NO.** : **IBM/638/2011**
- (c) **Category** : **A Other than Fully Mech.**
- (d) **Type of Working** : **Opencast**
- (e) **Postal address**
- State : **KARNATAKA**
- District : **CHITRADURGA**
- Village : **DODDA BYALADAKERE**
- Taluka : **HOSADURGA**
- Post office : **DODDABYALADAKERE**
- Pin Code : **577533**
- FAX No. : **044-28478676 (F)**
- E-mail : **kg@madrascements.co.in**
- Phone : **044-28477501 (O), 984109300**
- (f) **Police Station** : **Sri Rampura**
- (g) **First opening date** : **09/08/1981**
- (h) **Weekly day of rest** : **SUN**
2. **Address for correspondance** : **The RAMCO Cements LTD., Auras Corporate centre
5th floor, 98A, Dr.Radhakrishanan road
Mylapore Chennai-600 004.**
3. (a) **Lease Number** : **KAR0376**
- (b) **Lease area** : **48.48**
- (c) **Period of lease** : **20**
- (d) **Date of Expiry** : **22/10/2002**
4. **Mineral worked** : **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 : SVRK Murthy Rao
 The Ramco Cements Limited
 Method Works, Tq-Hosadurga
 CHITRADURGA KARNATAKA
 Phone: 08199-240111
 FAX : 08199-240314

Manager

Name : Nama Nagamalleswar Rao
 Qualification : FCC
 Appointment/ : 26/08/2015
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	12/02/2002
Plan/Scheme of Mining	:	Modif.of approved Mining Plan	15/02/2006
	:	Mining Scheme rule 12 MCDR1988	28/05/2007
	:	MP review under 17(1) MCR 2016	31/05/2017

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	2 nos. of DTH holes proposed for the year 2017-18	NIL	The mine is non-working since October 2007 as per the temporary discontinuance notice dated 08.06.2017.
1b	Exploration over lease area for geological axis 1 or 2	2 nos. of DTH holes proposed for the year 2021-22	NIL	The mine is non-working since October 2007 as per the temporary discontinuance notice dated 08.06.2017.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No Proposal,	NIL	NIL
1d	Balance area to be explored to bring Geological axis in 1 or 2	Not mentioned	G-1 area-8.90 ha, G-3 & Non mineralized area-39.66 ha as per the draft submitted RMP document.	The mine is non-working since October 2007 as per the temporary discontinuance notice dated 08.06.2017.
1e	Balance reserve as on 01/04/20	0.31 million tonnes of Limestone with grade CaO- 35 to 46 %, as on 31.03.2017.	.31 million tonnes of Limestone with grade CaO- 35 to 46 %.	The mine is non-working since October 2007 as per the temporary discontinuance notice dated 08.06.2017.

1f	General remarks of inspecting officers on geology, exploration etc	The mine is non-working and under temporary discontinuance since Oct-2007, due to deemed extension of the mine lease pending from the State Government as per the temporary discontinuance notice submitted dated 08.06.2017 and accordingly no exploration carried out during the year 2021-22 and there is no change in the Reserve/resource figure.
----	--	--

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	N-1512084 to 1512196, E-664740 to 664829	Nil	The mine is non-working since October 2007 as per the temporary discontinuance notice dated 08.06.2017.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches proposed in OB & mineral	NIL	NIL
2c	Stripping ratio or ore to OB ratio	1:0.47 (in tonnes)	NIL	The mine is non-working since October 2007 as per the temporary discontinuance notice dated 08.06.2017.
2d	Quantity of topsoil generation in m3	No proposal	NIL	NIL

2e	Quantity of overburden generation in m3	1915 Cum	NIL	The mine is non-working since October 2007 as per the temporary discontinuance notice dated 08.06.2017.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			The mine is non-working and under temporary discontinuance since Oct-2007 due to deemed extension of the mine lease pending from the State Government as per the temporary discontinuance notice submitted dated 08.06.2017 and no mining operations have been carried out during the year 2021-22.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One Pit proposed	Nil	One small pit exists in south eastern part of the lease hold.
3b	Quantity of ROM mineral production proposed	10,161 tons	Nil	The mine is non-working since October 2007 as per the temporary discontinuance notice dated 08.06.2017.
3c	Recovery of sailable/usable mineral from ROM production	75 % (7621 tons)	Nil	The mine is non-working.
3d	Quantity of mineral reject generation	2540 tons	Nil	The mine is non-working.
3e	Grade of mineral rejects generation and threshold value declared.	CaO-36.82 to 38.94 %, MgO- 7.04 to 10.85 %	Nil	The mine is non-working.

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	Deep-hole drilling and blasting proposed.	Nil	The mine is non-working.
3k	Provision of mining machineries in mineral benches	Excavator and dumper combination proposed with mechanized opencast Mining.	NIL	The mine is non-working.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of benches for both OB & mineral- 8m proposed	Systematic Benches with proposed height are yet to be formed as the mine is non-working.	NIL
3m	Total area covered under excavation/pits	0.67 ha at the end of the plan period (31.03.2022)	0.67 ha	The mine is non-working and under temporary discontinuance. No mining operation carried out for the plan period 2017-18, 2018-19, 2019-20, 2020-21 & 2021-22.
3n	Ore to OB ratio for the pit/mine during the year.	1:0.47 (in tonnes)	Nil	The mine is non-working and under temporary discontinuance.

3o	Total area put in use under different heads at the end of year	Land use at the end of plan period (31.03.2022) i)Area under mining- 0.67 ha ii)Waste dump-0.56 ha iii)Mineral reject storage-0.30 ha iv)Infrastructure & roads- 1.2 ha	i)Area under mining- 0.67 ha ii)Waste dump-0.56 ha iii)Mineral reject storage-0.30 ha iv)Infrastructure & roads- 1.2 ha	The mine is non-working and under temporary discontinuance. No mining operation carried out for the plan period 2017-18, 2018-19, 2019-20, 2020-21 & 2021-22.
3p	Production of ROM mineral during the last five year period as applicable	2017-18: 10,100 2018-19: 10,085 2019-20: 10,029 2020-21: 10,013 2021-22:10,161 (in tonnes)	2016-17: Nil 2017-18: Nil 2018-19: Nil 2019-20: Nil 2020-21: Nil (in tonnes)	The mine is non-working since October 2007 as per the temporary discontinuance notice dated 08.06.2017.
3q	General remarks of inspecting officers on method of mining etc.			The mine is non-working and under temporary discontinuance since Oct-2007 due to deemed extension of the mine lease pending from the State Government, as per the temporary discontinuance notice submitted dated 08.06.2017 and no mining operations have been carried out during the year 2021-22.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
--------	------	-----------	-------------	---------

4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Separate dumping proposed for OB & Mineral reject.	Nil.	The mine is non-working and under temporary discontinuance.
4b	Location of topsoil, OB and mineral reject dumps	OB Dump - N 1512000 to 1512081, E- 664609 to 664701. Mineral Reject dump- N- 1511993 to 1512057 E- 664550 to 664612 (Proposed)	No OB & Mineral Reject dumping carried out since mine is under non working and under temporary discontinuance.	NIL
4c	Number of dumps within lease area and outside of lease area	1 Waste dump proposed within Lease area (WD) & 1 Mineral Reject dump(MR)	1 waste dump within lease area.	No OB dumping carried out since mine is under non working and under temporary discontinuance. (One small waste dump present in south eastern side of lease)
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	NIL
4e	Number of active and alive dumps.	01 Waste dump (WD) & 1 Mineral Reject dump (MR) proposed.	One small waste dump in south eastern side of lease. The mine is non-working and not in operation	No OB dumping carried out since mine is under non working and under temporary discontinuance.
4f	Number of dead dumps.	Nil	Nil	Nil
4g	Number of dumps established.	Nil	Nil	Nil
4h	Whether Retaining wall or garland drain all along dumps are there.	15 m Earthen bund proposed for the year 2021-22 along the toe of the dump.	Nil	The mine is non-working and under temporary discontinuance.

4i	Length of Retaining wall or garland drain all along dumps	15 m Earthen bund proposed for the year 2021-22 along the toe of the dump.	NIL	The mine is non-working and under temporary discontinuance.
4j	Number of settling ponds	No proposal	NIL	
4k	Specific comments of inspecting officer on waste dump management			The mine is non-working and under temporary discontinuance since Oct-2007 due to deemed extension of the mine lease pending from the State Government, as per the temporary discontinuance notice submitted dated 08.06.2017 and no mining operations have been carried out during the year 2021-22. Accordingly no waste/mineral reject generated and dumping carried out during the year 2021-22.

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
5b	Area under backfilling of mined out area	No proposal	NIL	NIL
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No proposal	NIL	NIL

5d	Total area fully reclaimed and rehabilitated	No proposal	NIL	NIL
5e	General remarks of inspecting officers on backfilling and reclamation etc.			The mine is non-working and under temporary discontinuance since Oct-2007 due to deemed extension of the mine lease pending from the State Government, as per the temporary discontinuance notice submitted dated 08.06.2017 and no mining operations have been carried out during the year 2021-22

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).	To be submitted before 1st of July every year.	Yet to be submitted for the year 2021-22.	NIL
6b	Area available for rehabilitation (ha) .	0.036 ha Rehabilitation of waste land within lease proposed for the Year 2021-22	NIL	The mine is non-working and under temporary discontinuance since Oct-2007 due to deemed extension of the mine lease pending from the State Government, as per the temporary discontinuance notice submitted dated 08.06.2017.
6c	afforestation done (ha).	0.036 ha Rehabilitation of waste land within lease proposed for the Year 2021-22.	Nil	The mine is non-working and under temporary discontinuance.

6d	No. of saplings planted during the year	200 saplings proposed	NIL	The mine is non-working and under temporary discontinuance.
6e	Cumulative no .of plants	1000 Nos. till end of plan period(31.03.2022	NIL	The mine is non-working and under temporary discontinuance.
6f	Any other method of rehabilitation	No proposal	NIL	NIL
6g	Cost incurred on watch and care during the year	Not mentioned	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	0.036 ha proposed with 200 nos. of saplings afforestation	NIL	The mine is non-working and under temporary discontinuance.

6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	0.036 ha proposed	NIL	The mine is non-working and under temporary discontinuance.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	200 nos. of saplings plantation proposed(Afforestation)	NIL	The mine is non-working and under temporary discontinuance.
6p	Compliance of environmental monitoring (core zone and buffer zone)	Environmental monitoring proposed.	NIL	The mine is non-working and under temporary discontinuance.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			The mine is non-working and under temporary discontinuance since Oct-2007 due to deemed extension of the mine lease pending from the State Government, as per the temporary discontinuance notice submitted dated 08.06.2017 and no mining operations have been carried out during the year 2021-22.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM from mine proposed to be transported through tippers to the Limestone crusher located at the Captive Cement plant	NIL	The mine is non-working and under temporary discontinuance.

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			The mine is non-working and under temporary discontinuance since Oct-2007 due to deemed extension of the mine lease pending from the State Government, as per the temporary discontinuance notice submitted dated 08.06.2017 and no mining operations have been carried out during the year 2021-22.

Environment:

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)	Separate dump proposed for OB and Mineral Reject(WD & MR)	Separate dump for OB.	No OB and mineral reject dumping carried out since mine is non working and under temporary discontinuance.

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)	Not mentioned	Nil	The mine is non-working and under temporary discontinuance.
8g	Survival rate	Not mentioned	Nil	The mine is non-working and under temporary discontinuance.
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on roads proposed.	Nil	The mine is non-working and under temporary discontinuance.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			The mine is non-working and under temporary discontinuance since Oct-2007 due to deemed extension of the mine lease pending from the State Government, as per the temporary discontinuance notice submitted dated 08.06.2017 and no mining operations have been carried out during the year 2021-22.

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 March-2022 on 06.04.2022 ***** A.R. of the year 2021-22 yet to be submitted (Before 01.07.2022)		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual Return for the year 2021-22 yet to be submitted	NIL	NIL
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual Return for the year 2021-22 yet to be submitted	NIL	NIL
9d	Scrutiny of Annual return on afforestation	Annual Return for the year 2021-22 yet to be submitted	NIL	NIL
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual Return for the year 2021-22 yet to be submitted	NIL	NIL
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual Return for the year 2021-22 yet to be submitted	NIL	NIL
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual Return for the year 2021-22 yet to be submitted	NIL	NIL
9h	Scrutiny of Annual return on fixed assets	Annual Return for the year 2021-22 yet to be submitted	NIL	NIL
9k	Scrutiny of Annual return on mining machineries	Annual Return for the year 2021-22 yet to be submitted	NIL	NIL

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 :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines