

**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/19/BNG

Mine code : 38KAR07025

- (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 G
Official with
Designation
- (iv) Date of Inspection : 12/04/2021
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **D.B. KERE(M.L.1848/2367)**
- (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 : DODDABYALADAKERE
- Taluka : HOSADURGA
- Post office : MATHODU
- Pin Code :
- FAX No. : 08199-240314
- E-mail : mathod_mines@ramcocements.co
- Phone : 08199-240111/112
- (f) Police Station : SRIRAMPUR
- (g) First opening date : 09/08/1981
- (h) Weekly day of rest : SUN
2. Address for : The Ramco Cements Limited,
correspondance : Method works, Hosadurga Taluk,
Chitradurga Dist, Karnataka-577533
3. (a) Lease Number : KAR1235
- (b) Lease area : 48.56
- (c) Period of lease : 20
- (d) Date of Expiry : 22/10/2002
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : THE RAMCO CEMENTS LIMITED
 "Auras Corporate Centre",
 Dr. Radhakrishna Salai,
 Mylapore, CHENNAI CITY
 TAMIL NADU
 Phone:044-28478666
 FAX :+91 4428478676

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

Manager
 Name : SRI NAMA NAGAMALLESWAR RAO
 Qualification : Diploma in Mining Engg,First Class Mines
 Appointment/ : 01/07/2015
 Termination date

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	07/03/2002
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	25/05/2007
		Mining Scheme rule 12 MCDR1988	25/06/2013
		MP review under 17(1) MCR 2016	19/10/2016

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No Proposal	Nil	Nil
1b	Exploration over lease area for geological axis 1 or 2	No Proposal	Nil	Nil
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-6.33 ha, G-3 area- 22.26 ha as per the draft submitted RMP document.	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017. Also, Exploration proposals incorporated in the upcoming plan period ''2021-22(From 25/08/2021) to 2025-26'' to upgrade G3 area to G-2/G-1.
1e	Balance reserve as on 01/04/20	3.22 million tonnes with CaO- 35 to 46 %, MgO- 5 %(Max), as on 30.09.2016	3.22 million tonnes with CaO- 35 to 46 %, MgO- 5 %(Max)	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017.
1f	General remarks of inspecting officers on geology, exploration etc	—	—	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017, accordingly no exploration carried out during the year 2020-21 and there is no change in the Reserve/resource figure.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	N-1511878 to 1512082, E-665154 to 665418	Nil	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Separate benches in OB & mineral	Separate benches maintained for OB & mineral.	2 benches in OB & 2 benches in mineral.
2c	Stripping ratio or ore to OB ratio	1:1.27 (in tonnes)	Nil	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017.
2d	Quantity of topsoil generation in m3	No proposal	Nil	Nil
2e	Quantity of overburden generation in m3	21432 Cum	Nil	Nil
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 w.e.f. 10/7/2017 and no mining operations have been carried out during the year 2020-21.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One Pit proposed	One Pit present however no work carried out during the year 2020-21.	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017.
3b	Quantity of ROM mineral production proposed	52,632 tons	Nil	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017.
3c	Recovery of sailable/usable mineral from ROM production	100 %	No ROM Production during the year 2020-21.	Nil

3d	Quantity of mineral reject generation	13158 tons	Nil. No ROM production during the year 2020-21	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017.
3e	Grade of mineral rejects generation and threshold value declared.	Not mentioned	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	Crushing and screening arrangement is inside the plant which is located 28 Kilometers from the lease area.
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 and under temporary discontinuance w.e.f. 10/7/2017.
3k	Provision of mining machineries in mineral benches	Excavator and dumper combination proposed with mechanized opencast Mining	Nil	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017.
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	Height of benches maintained as proposed. No working carried out in the mine for the year 2020-21.	2 benches in OB & 2 benches in mineral.

3m	Total area covered under excavation/pits	3.30 ha at the end of the plan period (24.08.2021)	1.52 ha.	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017. No mining operation carried out for the plan period 2017-18, 2018-19, 2019-20 & 2020-21.
3n	Ore to OB ratio for the pit/mine during the year.	1:1.27 (by tonnage)	Nil	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017.
3o	Total area put in use under different heads at the end of year	Land use at the end of plan period (24.08.2021) i) Area under mining- 3.30 ha ii) Waste dump- 5.89 ha iii) Mineral reject storage- 0.44 ha iv) Infrastructure & roads- 1.54 ha ii) Others (Green belt)- 1.09 ha	Area under mining- 1.52 ha ii) Waste dump- 1.01 ha iii) Mineral reject storage- 0.00 ha iv) Infrastructure & roads- 1.31 ha ii) Others (Green belt)- 0.34 ha (As on 01.04.2021)	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017. No mining operation carried out for the plan period 2017-18, 2018-19, 2019-20 & 2020-21.
3p	Production of ROM mineral during the last five year period as applicable	2016-17: 99,989 tons 2017-18: 54,230 tons 2018-19: 45,150 tons 2019-20: 48,140 tons 2020-21: 52,632 tons (in tonnes)	2016-17: 4002 tons 2017-18: Nil 2018-19: Nil 2019-20: Nil 2020-21: Nil (in tonnes)	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017
3q	General remarks of inspecting officers on method of mining etc.	-	-	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017 and no mining operations have been carried out during the year 2020-21.

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 w.e.f. 10/7/2017 and no mining operations have been carried out during the year 2020-21.
4b	Location of topsoil, OB and mineral reject dumps	OB Dump - N 1511833 to 1511912, E- 664402 to 664460. BHQ & Clay dump- N-1511822-1511931, E- 664600-664791. Mineral Reject dump- N- 1512024 to 1511900 E- 664834 to 664960 (Proposed)	No OB , BHQ & Clay & Mineral Reject dumping carried out since mine is under temporary discontinuance w.e.f 10/07/2017, accordingly no mining operations carried out	Nil
4c	Number of dumps within lease area and outside of lease area	Within Lease area-3, Outside Lease area Nil	Within Lease area-3, Outside Lease area Nil.	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Outside UPL	Nil
4e	Number of active and alive dumps.	03 active dumps	03 active dumps. The mine is not in operation and under temporary discontinuance since 10.07.2017.	Nil
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.	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	-	-	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017 and no mining operations have been carried out during the year 2020-21. Accordingly no waste/mineral reject generated and dumping carried out during the year 2020-21.

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 w.e.f. 10/7/2017 and no mining operations have been carried out during the year 2020-21
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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).	To be submitted before 1st of July every year	Yet to be submitted for the year 2020-21.	Nil
6b	Area available for rehabilitation (ha) .	0.15 ha Rehabilitation of waste land within lease proposed for the Year 2020-21	Nil	Violation issued
6c	afforestation done (ha).	0.15 ha of afforestation for Rehabilitation of waste land within lease	Nil	Violation issued
6d	No. of saplings planted during the year	300 saplings proposed	Nil	Violation issued
6e	Cumulative no .of plants	Not mentioned	6550 nos. of plants.	As reported by the Lessee during inspection.
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 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)	Environmental monitoring proposed.	Environmental monitoring carried out. Air quality, Water, Noise level, dust, carried out. All parameters are within Limits	Environmental monitoring Report of Jan-March 2021 available and checked.

6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	—	—	Total 300 nos. saplings to be planted in 0.15 ha for Rehabilitation of waste land within lease against which no plantation work has been carried out for the year 2020-21. Violation issued
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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	—	—	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017 and no mining operations have been carried out during the year 2020-21

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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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	Separate dump maintained for OB.	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017 and no mining operations have been carried out during the year 2020-21.
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	6550 nos. of cumulative plants.	As reported by the Lessee during inspection.
8g	Survival rate	Not mentioned	Nil	No plantation carried out during the year 2020-21. Violation issued.
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on roads proposed	Nil	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017 and no mining operations have been carried out during the year 2020-21.

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	--	--	The mine is non-working and under temporary discontinuance w.e.f. 10/7/2017 and no mining operations have been carried out during the year 2020-21.
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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 March-2021 on 3.04.2021 ***** A.R. of the year 2020-21 yet to be submitted (Before 1.07.2021)	Nil	Nil
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual Return for the year 2020-21 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 2020-21 yet to be submitted	Nil	Nil
9d	Scrutiny of Annual return on afforestation	Annual Return for the year 2020-21 yet to be submitted	Nil	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual Return for the year 2020-21 yet to be submitted	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual Return for the year 2020-21 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 2020-21 yet to be submitted	Nil	Nil
9h	Scrutiny of Annual return on fixed assets	Annual Return for the year 2020-21 yet to be submitted	Nil	Nil
9k	Scrutiny of Annual return on mining machineries	Annual Return for the year 2020-21 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	
MCDR17	Rule 11(1)	22/04/2021	12/07/2021				

Date :

(SANDEEP KUMAR SINGH)

Indian Bureau of Mines