

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

**Review and updation of Mining Plan REPORT**

**Chennai regional office**

**Mine file No :** TN/PBR/LST- 46.MDS

**Mine code :** 38TMN38004

- (i) Name of the Inspecting : **M017** ) **Matiul Islam**  
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : T C Gopikumar, Mines Manager & Shri C P Hariprasad, Q  
Official with  
Designation
- (iv) Date of Inspection : 07/10/2023
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **KAIRULABAD(2.25)**
- (b) **Registration NO.** : **IBM/929/2011**
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address :  
State : TAMIL NADU  
District : ARIYALUR  
Village :  
Taluka :  
Post office :  
Pin Code :  
FAX No. :  
E-mail : s.makesh@dalmiacement.com  
Phone :
- (f) Police Station : ARIYALUR
- (g) First opening date : 25/08/2004
- (h) Weekly day of rest : SUN
2. Address for : KAIRULABAD VILL.  
correspondance : ARIYALUR TK& DT
3. (a) Lease Number : TMN0934
- (b) Lease area : 2.25
- (c) Period of lease : 30
- (d) Date of Expiry : 13/08/2034
4. Mineral worked : LIMESTONE Main

## 5. Name and Address of the

Lessee : DALMIA CEMENT (BHARAT) LIMITED  
 TIRUCHIRAPALLI TAMIL  
 NADU  
 Phone:  
 FAX :

Owner : T. VENKATESAN  
 Dy. Managing Director  
 Dalmia Cement (B) Ltd  
 CHENNAI CITY TAMIL NADU  
 Phone: 044-28279933, 9  
 FAX : 044-28276508

Agent : J. V. GUNGANE  
 Executive Director Dalmia  
 Cement(B) Ltd Dalmiapuram  
 TIRUCHIRAPALLI TAMIL NADU  
 Phone: 04329-235123, 9865139444  
 FAX : 04329-235111

## Mining Engineer

Name : E.VASUDEVAN, Full Time  
 Qualification : B.E (MINING), MBA  
 Appointment/ : 03/12/2012  
 Termination date

## Geologist

Name : S. Selvakumar, Full Time  
 Qualification : M.Sc. (Applied Geo)  
 Appointment/ : 03/12/2012  
 Termination date

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	01/04/2009
Plan/Scheme of Mining		Mining Scheme rule 12 MCDR1988	02/04/2014
		MP review under 17(1) MCR 2016	12/11/2018

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

## Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	Lease area already fully explored upto G1 level
1b	Exploration over lease area for geological axis 1 or 2	Nil	Nil	-do-
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	-do-
1e	Balance reserve as on 01/04/20	-	Proved Mineral Reserve (111) - 48596 Tons Feasible Mineral Resource(211) - 222585 Tons Prefeasibility Mineral Resource(221) - 466145 Tons	Nil
1f	General remarks of inspecting officers on geology, exploration etc	-	-	The mine was inoperational during the last plan period for want of EC.

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No development required or proposed	Nil	Nil
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No TS, OB available in lease area.	Nil	Nil
2c	Stripping ratio or ore to OB ratio	1:0	Nil	Mine inoperational for want of EC.
2d	Quantity of topsoil generation in m3	Nil	Nil	Nil

2e	Quantity of overburden generation in m3	Nil	Nil	Nil
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc	-	-	No development is required or proposed in the lease.

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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Single pit	Nil	Mine inoperational throughout plan period for want of EC
3b	Quantity of ROM mineral production proposed	6030 tonnes	Nil	-do-
3c	Recovery of sailable/usable mineral from ROM production	100%	Nil	-do-
3d	Quantity of mineral reject generation	Nil	Nil	-do-
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	-do-
3f	Quantity of sub grade mineral generation.	Nil	Nil	-do-
3g	Grade of sub grade mineral generation	NA	NA	-do-
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	-do-
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	-do-

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3j	Provision of drilling and blasting in mineral benches	Proposed	Nil	-do-
3k	Provision of mining machineries in mineral benches	Proposed	Nil	-do-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Ht - 6 m Width - 9 m	Ht - 6 m Width - 9 m	-do-
3m	Total area covered under excavation/pits	2.25 Ha	2.25 Ha	-do-
3n	Ore to OB ratio for the pit/mine during the year.	1:0	NA	-do-
3o	Total area put in use under different heads at the end of year	2.25 Ha	2.25 Ha	-do-
3p	Production of ROM mineral during the last five year period as applicable	2019-20 6048 2020-21 6045 2021-22 6054 2022-23 6030 2023-24 6028	2019-20 Nil 2020-21 Nil 2021-22 Nil 2022-23 Nil 2023-24 Nil	-do-
3q	General remarks of inspecting officers on method of mining etc.	-	-	The mine was inoperational throughout the plan period for want of EC.

#### Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No TS/OB/Rejects available in mine	Nil	Mine inoperational throughout the plan period for want of EC.
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	Nil

4c	Number of dumps within lease area and outside of lease area	Nil	Nil	Nil
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	Nil
4e	Number of active and alive dumps.	Nil	Nil	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.	Nil	Nil	Nil
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	Nil
4j	Number of settling ponds	Nil	Nil	Nil
4k	Specific comments of inspecting officer on waste dump management	-	-	No waste material is available in the lease.

#### 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	No waste material available in lease
5b	Area under backfilling of mined out area	NA	NA	-do-
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	-do-

5d	Total area fully reclaimed and rehabilitated	NA	NA	-do-
5e	General remarks of inspecting officers on backfilling and reclamation etc.	-	-	No waste material available in lease. No backfilling or reclamation envisaged or carried out.

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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).	Submitted	In time	With AR
6b	Area available for rehabilitation (ha) .	Nil	Nil	Nil
6c	afforestation done (ha).	Nil	Nil	Nil
6d	No. of saplings planted during the year	Nil	Nil	Nil
6e	Cumulative no .of plants	Nil	Nil	Nil
6f	Any other method of rehabilitation	Nil	Nil	Nil
6g	Cost incurred on watch and care during the year	NA	NA	Nil
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( Lx B x D	Nil	Nil	Nil

6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	Nil	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Nil	Nil	Nil
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Nil	Nil	Nil
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Nil	Nil	Nil
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Nil	Nil	Nil
6p	Compliance of environmental monitoring (core zone and buffer zone)	Periodic Monitoring proposed	Periodic Monitoring carried out	Alongwith adjacent leases



6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.	-	-	The mine was inoperational throughout the plan period for want of EC.
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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 sorting proposed	Nil	Mine inoperational
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	Nil
7c	Different grade of mineral sorted out at mines.	NA	NA	Nil
7d	Any beneficiation process at mines	Nil	Nil	Nil
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	-	-	Mine inoperational throughout the plan period for want of EC.

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Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No topsoil available in the lease	Nil	Nil
8b	Concurrent use or storage of topsoil	NA	NA	Nil

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8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No OB/waste/rejects/fines available in the lease	Nil	Nil
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	Nil
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	Nil
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	Nil	Nil	Nil
8g	Survival rate	NA	NA	Nil
8h	Water sprinkling on roads to control airborne dust	Proposed	Nil	Mine inoperational
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	-	-	The mine has been inoperational throughout the plan period for want of EC.

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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Submitted	In time	Nil

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	7. Manager : Shri. TC.Gopi Rajesh kumar 8. Mining Engineer in charge: Shri. B.Bharathi 9. Geologist in charge : Shri. Selvakumar	Given in Part I, Sl 7-9	Nil
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	(ii) Covered under current (O-C) Workings 0.000 2.250 2.250	Given in Part I, Sl 12	Nil
9d	Scrutiny of Annual return on afforestation	Nil	Given in Part V, Sl 5.	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Nil	Given in Part V, Sl 3	Nil

9f	Scrutiny of Annual return on ROM stock and/or graded ore	Grades** Opening stock at mine-head Production Despatches from mine-head Closing stock at mine-head Ex-mine price (?-Tonne) (a) LD Grade (less than 1.5% silica content) 0.000 0.000 0.000 0.000 0.00 (b) SMS 0.000 0.000 0.000 0.000 0.00 (c) BF 0.000 0.000 0.000 0.000 0.00 (d) Chemical 0.000 0.000 0.000 0.000 0.00 (e) Cement 4252.000 0.000 0.000 4252.000 0.00	Given in Part VI, Sl 3	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Nil	Given in Part VI, Sl 3 & Part VII	Nil
9h	Scrutiny of Annual return on fixed assets	Rs 8,16,60,447/-	Given in Part II A Capital Structure	Nil
9k	Scrutiny of Annual return on mining machineries	Nil	Given in Part V, Sl 6	Nil

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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 :

(Matiul Islam)

Indian Bureau of Mines