

MCDR-MiFLOLST/35/2022-JBP-IBM_RO_JBP
INDIAN BUREAU OF MINES

MINERALS DEVELOPEMMENT AND REGULATION DIVISION

I/3549/2023

MCDR inspection REPORT

Jabalpur regional office

Mine file No : MP/STN/LST-111

Mine code : 38MPR35139

- (i) Name of the Inspecting : G007) RAGHUBIR SHARAN GARG
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine : Shri Vijay Singh Rathore, VP(Mines), Shri Raj Kuma an
Official with
Designation
- (iv) Date of Inspection : 12-DEC-22
- (v) Prev.inspection date : 10-DEC-15

PART-I : GENERAL INFORMATION

1. (a) Mine Name : BHATIYA (18.395 HA)
- (b) Registration NO. : IBM/5097/2011
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : SATNA
Village : BHATIYA
Taluka : MAIHAR
Post office : BHATIYA VIA MAIHAR
Pin Code : 485771
FAX No. : 07672239311
E-mail : mines@kjscement.com
Phone : 07672239900
- (f) Police Station :
- (g) First opening date
:17/07/1982
- (h) Weekly day of rest : SUN
2. Address for : M/S KJS CEMENTS LTD.
correspondance VILLAGE -. AMALIA, P.O. MAIHAR,
DIST. SATNA (M.P.) 485771
3. (a) Lease Number : MPR0480
- (b) Lease area : 18.39
- (c) Period of lease : 20
- (d) Date of Expiry : 17-JUL-2032
4. Mineral worked : LIMESTONE Main

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5. Name and Address of the

Lessee : KJS CEMENTS LTD.
VILLAGE -. AMALIA, P.O.
MAIHAR SATNA MADHYA
PRADESH
Phone:07674- 232042, 232089
FAX :07674-232580

Owner : KJS CEMENTS LTD.
A-7, Maharani bag NEW DELHI
SATNA MADHYA PRADESH
Phone: NA
FAX : NA

6. Date of approval of Mining	:	Mining Scheme rule 12 MCDR1988	11-JUL-96
Plan/Scheme of Mining	:	Renewal under rule 22 MCR1960	28-JAN-03
	:	Mining Scheme rule 12 MCDR1988	23-MAR-07
	:	Mining Scheme rule 12 MCDR1988	28-AUG-13

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PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Last Mining Plan was approved on 28/08/2013 with proposal period from 2013-14 to 2016-17 and mine was temporarily discontinued w.e.f 01/12/2015 for want of Environmental Clearance (EC) and still under temporarily discontinuance . Lease area 18.165hect granted in two separate blocks (12.6hect block 1 and 5.5hect block2) . 4-4 boreholes were proposed against year 2013-14 and 2014-15	Last Mining Plan was approved on 28/08/2013 with proposal period from 2013-14 to 2016-17 and mine was temporarily discontinued w.e.f 01/12/2015 for want of Environmental Clearance (EC) and still under temporarily discontinuance . Lease area 18.165hect out of which about 14.30hect (about 10.5hect in block 1 and 2.8hect in block2)and area is already broken. There are two old boreholes and 4-4 boreholes were proposed against year 2013-14 and 2014-15. Proposed boreholes had not been carried out.	Maximum part of the lease area already covered under mining. In view of persistence of mineral in depth borehole is required. However exploration work can not be started till EC is not gained.
1b	Exploration over lease area for geological axis 1 or 2	Entire lease area already explored under G1 & G2 level. Although there were proposal of 4-4 boreholes against 2013-14 and 2014-15	Proposed exploration work were not carried out in proposal period. Mine is closed after 01/12/2015 for want of EC	Till EC is not gained exploration work can not be completed.
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not Proposed	Not Applicable	

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1d	Balance area to be explored to bring Geological axis in 1 or 2	Entire lease area is under G2or G1 level. Minewralisati on in depth are to be ascertained.	Not applicable	Till EC is not gained exploration work can not be completed.
1e	Balance reserve as on 01/04/20	2824151tonne under 111	2880490tonne under 111	As the mine is temporarily discontinued w.e.f.01/12/2015 so actual reseve is more than the proposed one.
1f	General remarks of inspecting officers on geology, exploration etc			Last Mining Plan was approved on 28/08/2013 with proposal period from 2013-14 to 2016-17 and mine was temprarily discontinued w.e.f 01/12/2015 for want of Environmental Clearance(EC) and still under temporarily discontinuance . Lease area 18.165hect out of which about 14.30hect (about 10.5hect in block 1 and 2.8hect in block2)and area is already broken. There are two old boreholes and 4-4 boreholes were proposed against year 2013-14 and 2014-15. Proposed boreholes had not been carried out.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	There is no valid proposal against the year under review.	There is no working in the lease area w.e.f. 01/12/2015 for want of EC	-

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2b	Separate benches in topsoil, overburden and minerals (Rule 15)	There is no valid proposal against the year under review.	Separate benches in Limestone and in overburden were seen	
2c	Stripping ratio or ore to OB ratio	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f. 01/12/2015
2d	Quantity of topsoil generation in m3	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f. 01/12/2015
2e	Quantity of overburden generation in m3	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f. 01/12/2015
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine is temporarily discontinued w.e.f. 01/12/2015

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3b	Quantity of ROM mineral production proposed	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3c	Recovery of sailable/usable mineral from ROM production	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3d	Quantity of mineral reject generation	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC

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3e	Grade of mineral rejects generation and threshold value declared.	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3f	Quantity of sub grade mineral generation.	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3g	Grade of sub grade mineral generation	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3h	Manual / Mechanised method adopted for segregating from ROM	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3j	Provision of drilling and blasting in mineral benches	There is no valid proposal against the year under review.	Not applicable.	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3k	Provision of mining machineries in mineral benches	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	There is no valid proposal against the year under review.	Not applicable, However benches were observed in both overburden as well as on limestone except in few places	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3m	Total area covered under excavation/pits	There is no valid proposal against the year under review.	Not applicable, however in total about 14.00hect of lease degraded by excavation.	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3n	Ore to OB ratio for the pit/mine during the year.	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC

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3o	Total area put in use under different heads at the end of year	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC. About 15hect lease area affected with mining and allied activities against which Financial Assurance has already submitted. There is an issue of name of company in submitted FA, name of lessee is indicated as M/s KJS Cement (I) Ltd, in place of M/s KJS Cement Ltd. Correspondence in this regard are going on. Lessee had submitted proof of change in name of company. Matter likely to be shorted out very soon.
3p	Production of ROM mineral during the last five year period as applicable	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
3q	General remarks of inspecting officers on method of mining etc.			Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC. Mining Plan for current year as well as next four year period is under process of approval. Opencost mechanised method of mining proposed in the light of past.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
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4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
4b	Location of topsoil, OB and mineral reject dumps	There is no valid proposal against the year under review.	Not applicable, however in pit dumps were seen during inspection. Separate top soil and reject dumps were not observed.	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
4c	Number of dumps within lease area and outside of lease area	There is no valid proposal against the year under review.	Not applicable, however three in pit dumps were seen during inspection.	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	There is no valid proposal against the year under review.	Not applicable. All the three in pit dumps were seen within pit.	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
4e	Number of active and alive dumps.	There is no valid proposal against the year under review.	All the tree dumps were made before 01/12/2015	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
4f	Number of dead dumps.	There is no valid proposal against the year under review.	Not applicable as the existing in pit dumps may not be categorised as dead dumps.	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
4g	Number of dumps established.	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
4h	Whether Retaining wall or garland drain all along dumps are there.	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
4i	Length of Retaining wall or garland drain all along dumps	There is no valid proposal against the year under review.	Retaining wall or garland drain not observed	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
4j	Number of settling ponds	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC

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4k	Specific comments of inspecting officer on waste dump management	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
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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.	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
5b	Area under backfilling of mined out area	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	There is no valid proposal against the year under review.	Not applicable as mine is temporarily discontinued since 01/12/2015	
5d	Total area fully reclaimed and rehabilitated	There is no valid proposal against the year under review.	Not applicable as mine is temporarily discontinued since 01/12/2015.	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Out of about 14hect degraded land about backfilling followed by topping by soil were observed .

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).	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC

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6b	Area available for rehabilitation (ha) .	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6c	afforestation done (ha).	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6e	Cumulative no .of plants	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6f	Any other method of rehabilitation	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6g	Cost incurred on watch and care during the year	Not proposed	Not available	No record is maintained by the lessee.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	There is no valid proposal against the year under review.	NA	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC

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6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	There is no valid proposal against the year under review.	NA	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	There is no valid proposal against the year under review.	NA	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	There is no valid proposal against the year under review.	NA	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6p	Compliance of environmental monitoring (core zone and buffer zone)	There is no valid proposal against the year under review.	NA	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC. As a efforts towards implimentation of PMCP so far concerned 1hect reclaimed area may be considered.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
7c	Different grade of mineral sorted out at mines.	There is no valid proposal against the year under review.	Not applicble, Cement grade mineral.	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC

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7d	Any beneficiation process at mines .	There is no valid proposal against the year under review.	Not applicable. There is no need of any mineral beneficiation.	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC. There is no issue related with conservation of mineral Limestone of the mine is suitable for cement industry without any beneficiation.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
8b	Concurrent use or storage of topsoil	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	There is no valid proposal against the year under review.	Not applicable	Mine is temporarily discontinued w.e.f 01/12/2015 for want of EC

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8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	There is no valid proposal against the year under review.	Not applicable as mine was temporarily discontinued w.e.f. 01/12/2015.	-
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	There is no valid proposal against the year under review.	Not applicable as mine was temporarily discontinued w.e.f. 01/12/2015.	-
8g	Survival rate	Not applicable as mine was temporarily discontinued w.e.f. 01/12/2015.	Not applicable as mine was temporarily discontinued w.e.f. 01/12/2015.	-
8h	Water sprinkling on roads to control airborne dust	Not applicable as mine was temporarily discontinued w.e.f. 01/12/2015.	Not applicable as mine was temporarily discontinued w.e.f. 01/12/2015.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Not so good as the lease area is surrounded by very old very small mining leases either at the stage of closure or extensive mining had already been gone up. Plantation / naturally grown up bushes of show babools over old dumps on these small mining leases keeps the area so called green. Not applicable as mine was temporarily discontinued w.e.f. 01/12/2015.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Yes	AR against 2021-22 and MR upto December,2022 submitted on line.	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Not given	Appointment notices in Form H for the appointment of shri Raj Kumar, BE Mining as a part time Mining Engineer and Shri Satpal Singh Raghuwansi as a part time Geologist, both appointed w.e.f 15/11/2021 have been received in Regional Office Jabalpur on 23/11/2021.	Mine is still to be reopen for getting mining plan approved and EC clearances received.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Lease area utilisation in hect. (ii) Covered under current (O/C) Workings 14 (iii) Reclaimed/Rehabilitated 0.000 (iv) Used for waste disposal 0.25 (v) Occupied by plant, buildings etc. 0.10 (vi) Other Purpose (Others) 0.10 (vii) Work done under PMCP during the year 0.000	Acceptable	
9d	Scrutiny of Annual return on afforestation	0	As the mine is temporarily discontinued w.e.f. 01/12/2015 so although the bushes/babool trees grown by own not by plantation.	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	0	Acceptable , As there is no mineral reject generation envisaged. Also mine is temporarily discontinued w.e.f 01/12/2015	

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9f	Scrutiny of Annual return on ROM stock and/or graded ore	0	There is no mial stock seen at mine head.
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	0	Acceptable as mine is temporarily discontinued w.e.f. 01/12/2015.
9h	Scrutiny of Annual return on fixed assets	0	Acceptable as mine is temporarily discontinued w.e.f. 01/12/2015 i.e about seven years for want of EC
9k	Scrutiny of Annual return on mining machineries	None	Acceptable as temporarily discontinued w.e.f. 01/12/2015 i.e about seven years for want of EC

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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 :

(RAGHUBIR SHARAN GARG)

Indian Bureau of Mines