

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/STN/LST-118

Mine code : 38MPR35018

- (i) Name of the Inspecting : **K006**) **NARESH KUMAR KATARIYA**
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine : S/Sh K P Nigam (Agent), B K Banerjee (Geologist), A C
Official with
Designation
- (iv) Date of Inspection : 24-JUN-19
- (v) Prev.inspection date : 19-FEB-19

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BHATIYA (4.290 HA)**
- (b) **Registration NO.** : **IBM/5097/2011**
- (c) Category : B Manual
- (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. : 07672-239311
E-mail : mines@kjscement.com
Phone : 07672-239311
- (f) Police Station : Nadan
- (g) First opening date : 28-JUN-83
- (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 : MPR0444
- (b) Lease area : 1.88
- (c) Period of lease : 20
- (d) Date of Expiry : 27-JUN-03
4. Mineral worked : LIMESTONE Main

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, Maharaniabag NEW DELHI
 SATNA MADHYA PRADESH
 Phone: NA
 FAX : NA

6. Date of approval of Mining	:	Existing rule 11 MCDR1988	16-AUG-99
Plan/Scheme of Mining	:	Renewal under rule 22 MCR1960	27-APR-04
	:	Mining Scheme rule 12 MCDR1988	28-AUG-09
	:	Mining Scheme rule 12 MCDR1988	13-JAN-15

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	Lapse Period. No approved document in the year 2018-19.
1b	Exploration over lease area for geological axis 1 or 2	G1	G1	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	NA	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserve as on 01/04/20		121 24807 Te 221 51406 Te 222 51406 Te	
1f	General remarks of inspecting officers on geology, exploration etc			Lapse Period. No approved document in the year 2018-19.

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	Nil	Nil	Lapse Period. No approved document in the year 2018-19.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	NA	Lapse Period. No approved document in the year 2018-19.
2c	Stripping ratio or ore to OB ratio	NA	NA	

2d	Quantity of topsoil generation in m3	NA	NA	Lapse Period. No approved document in the year 2018-19.
2e	Quantity of overburden generation in m3	NA	NA	Lapse Period. No approved document in the year 2018-19.
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	Nil	Nil	Lapse Period. No approved document in the year 2018-19.
3b	Quantity of ROM mineral production proposed	NA	NA	
3c	Recovery of sailable/usable mineral from ROM production	NA	NA	
3d	Quantity of mineral reject generation	NA	NA	
3e	Grade of mineral rejects generation and threshold value declared.	NA	NA	
3f	Quantity of sub grade mineral generation.	NA	NA	
3g	Grade of sub grade mineral generation	NA	NA	

3h	Manual / Mechanised method adopted for segregating from ROM	NA	NA	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NA	
3j	Provision of drilling and blasting in mineral benches	NA	NA	
3k	Provision of mining machineries in mineral benches	NA	NA	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NA	
3m	Total area covered under excavation/pits	2.9 Ha (As per previous approved document)	1.8 Ha	Lapse Period. No approved document in the year 2018- 19.
3n	Ore to OB ratio for the pit/mine during the year.	NA	NA	
3o	Total area put in use under different heads at the end of year	4.262 Ha	2.5747 Ha	Area put to use as per previous approved document. Lapse period in 2018-19.
3p	Production of ROM mineral during the last five year period as applicable	2014-15 6023 2015-16 5190 2016-17 4259 2017-18 5458 2018-19 0 (No approved document)	2014-15 0 2015-16 0 2016-17 0 2017-18 0 2018-19 0	

3q General remarks
of inspecting
officers on
method of mining
etc.

Lapse Period. No
approved document
in the year 2018-
19

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NA	NA	Lapse Period. No approved document in the year 2018-19.
4b	Location of topsoil, OB and mineral reject dumps	NA	NA	
4c	Number of dumps within lease area and outside of lease area	NA	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NA	
4e	Number of active and alive dumps.	NA	NA	
4f	Number of dead dumps.	NA	NA	
4g	Number of dumps established.	NA	NA	
4h	Whether Retaining wall or garland drain all along dumps are there.	NA	NA	
4i	Length of Retaining wall or garland drain all along dumps	NA	NA	
4j	Number of settling ponds	NA	NA	

4k	Specific comments of inspecting officer on waste dump management			Lapse Period. No approved document in the year 2018-19.
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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.	NA	NA	Lapse Period. No approved document in the year 2018-19.
5b	Area under backfilling of mined out area	NA	NA	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NA	
5d	Total area fully reclaimed and rehabilitated	NA	NA	Lapse Period. No approved document in the year 2018-19.
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Lapse Period. No approved document in the year 2018-19.

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).	NA	NA	

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

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NA	
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NA	
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NA	
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	NA	NA	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Lapse Period. No approved document in the year 2018-19.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Lapse Period. No approved document in the year 2018-19.	Lapse Period. No approved document in the year 2018-19.	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NA	
7c	Different grade of mineral sorted out at mines.	NA	NA	
7d	Any beneficiation process at mines .	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Lapse Period. No approved document in the year 2018-19.

Environment :

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Lapse Period. No approved document in the year 2018-19.	Lapse Period. No approved document in the year 2018-19.	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NA	
8g	Survival rate	NA	NA	
8h	Water sprinkling on roads to control airborne dust	NA	NA	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Lapse Period. No approved document in the year 2018-19.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns		Monthly Returns and Annual Returns are submitted for the year 2018-19	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	Mining Engineer Shri Binay Kumar Choudhary Geologist Details Shri Narayan Prasad Shukla	

9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	Land use pattern under various heads Proposal in latest approved doc As on 01.04.2019 Excavation/pits (Ha.) 2.900 1.800 Top soil storage (Ha.) 0.280 0.321 Waste/Ob/IB dumps (Ha.) 0.350 0.234 Mineral rejects (Ha.) Sub grade mineral stacks (Ha.) Mineral stacks (Ha.) Plants, buildings, Infrastructure etc. (Ha.) Others (Specify) Road & Green belt 0.732 0.220	
9d	Scrutiny of Annual return on afforestation	NA	NA	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	NA	NA	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	NA	NA	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	NA	NA	
9h	Scrutiny of Annual return on fixed assets	YES	AS PER AR	
9k	Scrutiny of Annual return on mining machineries			Lapse Period. No approved document in the year 2018-19. AR filled as NIL production and other related data.

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 :

(NARESH KUMAR KATARIYA)

Indian Bureau of Mines