

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/SATNA/LST-204

Mine code : 38MPR35136

- (i) Name of the Inspecting : **C004**) **ROBERT SIMON C**
Officer and ID No.
- (ii) Designation : Assistant Controller Mine
- (iii) Accompanying mine :
Official with
Designation
- (iv) Date of Inspection : 06-JUN-22
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **BARAHIYA**
- (b) **Registration NO.** :
- (c) Category : A Fully Mechanised
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : SATNA
Village : BARAHIYA
Taluka : MAIHAR
Post office : BHATIA
Pin Code : 485771
FAX No. : N. A.
E-mail : N. A.
Phone : N. A.
- (f) Police Station :
- (g) First opening date : 26-OCT-91
- (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 : MPR0507
- (b) Lease area : 7.1
- (c) Period of lease : 20
- (d) Date of Expiry : 25-OCT-31
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, Maharani bag NEW DELHI
SATNA MADHYA PRADESH
Phone: NA
FAX : NA

6. Date of approval of Mining : Mining Scheme rule 12 MCDR1988 21-AUG-06
Plan/Scheme of Mining : Renewal under rule 24 MCR1960 12-AUG-11

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for geological axis 1 or 2	No proposals	G-2 -7.102 ha	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	No proposals	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposals	G-2 -7.102 ha to be explored in G1.	
1e	Balance reserve as on 01/04/20	No proposals.	122- 464856 Tonnes as per latest submitted plan	
1f	General remarks of inspecting officers on geology, exploration etc			7.102 HA Area to be explored in G1 and the lessee has proposed in the same in the latest draft document. No Proposal given for the previous 05 years as no approved document since 2007-08

Development :

Sl.No.	Item	Proposals	Actual work	Remarks
2a	Location of development w.r.t.lease area	No Proposal	Nil	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	No Proposal	Nil	
2c	Stripping ratio or ore to OB ratio	No Proposal	Nil	
2d	Quantity of topsoil generation in m3	No Proposal	Nil	

2e	Quantity of overburden generation in m3	No Proposal	Nil	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			No Proposal given for the previous 05 years as no approved document since 2007-08.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	No Proposal.	Nil	
3b	Quantity of ROM mineral production proposed	No Proposal given as no approved document for the year 2022.	Nil	
3c	Recovery of sailable/usable mineral from ROM production	No Proposal given as no approved document for the year 2022.	Nil	
3d	Quantity of mineral reject generation	No Proposal given as no approved document for the year 2021-22.	NA	
3e	Grade of mineral rejects generation and threshold value declared.	No Proposal given as no approved document for the year 2021-22.	NA	
3f	Quantity of sub grade mineral generation.	No Proposal given as no approved document for the year 2021-22.	NA	
3g	Grade of sub grade mineral generation	No Proposal given as no approved document for the year 2021-22.	NA	

3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal given as no approved document for the year 2021- 22.	NA
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	No Proposal given as no approved document for the year 2021- 22.	NA
3j	Provision of drilling and blasting in mineral benches	No Proposal given as no approved document for the year 2021- 22.	NA
3k	Provision of mining machineries in mineral benches	No Proposal given as no approved document for the year 2021- 22.	NA
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No Proposal given as no approved document for the year 2021- 22.	Nil
3m	Total area covered under excavation/pits	No Proposal given as no approved document for the year 2021- 22.	As on date 6.500 ha area already broken
3n	Ore to OB ratio for the pit/mine during the year.	No Proposal given for the previous 05 years as no approved document since 2007-08	NA
3o	Total area put in use under different heads at the end of year	No Proposal given for the previous 05 years as no approved document since 2007-08	As on date 6.500 ha area already broken

3p	Production of ROM mineral during the last five year period as applicable	No Proposal given for the previous 05 years as no approved document since 2007-08	NA
3q	General remarks of inspecting officers on method of mining etc.		No Proposal given for the previous 05 years as no approved document since 2007-08.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	No Proposal given as no approved document for the year 2021-22.	NA	
4b	Location of topsoil, OB and mineral reject dumps	No Proposal given as no approved document for the year 2021-22.	NA	
4c	Number of dumps within lease area and outside of lease area	No Proposal given as no approved document for the year 2021-22.	08 dumps(inactive) within lease	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal given as no approved document for the year 2021-22.	UPL not established	
4e	Number of active and alive dumps.	No Proposal given as no approved document for the year 2021-22.	Nil	
4f	Number of dead dumps.	No Proposal given as no approved document for the year 2021-22.	Nil	

4g	Number of dumps established.	No Proposal given as no approved document for the year 2021-22.	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there.	No Proposal given as no approved document for the year 2021-22.	Nil	
4i	Length of Retaining wall or garland drain all along dumps	No Proposal given as no approved document for the year 2021-22.	Nil	
4j	Number of settling ponds	No Proposal given as no approved document for the year 2021-22.	Nil	
4k	Specific comments of inspecting officer on waste dump management			No Proposal given for the previous 05 years as no approved document since 2007-08

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 given as no approved document for the year 2021-22.	Nil	
5b	Area under backfilling of mined out area	No Proposal given as no approved document for the year 2021-22.	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	No Proposal given as no approved document for the year 2021-22.	Nil	

5d	Total area fully reclaimed and rehabilitated	No Proposal given as no approved document for the year 2021-22.	Nil
5e	General remarks of inspecting officers on backfilling and reclamation etc.		No Proposal given as no approved document for 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).	No Proposal given as no approved document for the year 2021-22	Nil	
6b	Area available for rehabilitation (ha) .	No Proposal given as no approved document for the year 2021-22	NA	
6c	afforestation done (ha).	No Proposal given as no approved document for the year 2021-22	NA	
6d	No. of saplings planted during the year	No Proposal given as no approved document for the year 2021-22	Nil	
6e	Cumulative no .of plants	No Proposal given as no approved document for the year 2021-22	NA	
6f	Any other method of rehabilitation	No Proposal given as no approved document for the year 2021-22	NA	

6g	Cost incurred on watch and care during the year	No Proposal given as no approved document for the year 2021-22	NA
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (L x B x D	No Proposal given as no approved document for the year 2021-22	NA
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	No Proposal given as no approved document for the year 2021-22	NA
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	No Proposal given as no approved document for the year 2021-22	NA
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	No Proposal given as no approved document for the year 2021-22	NA
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	No Proposal given as no approved document for the year 2021-22	NA
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	No Proposal given as no approved document for the year 2021-22	NA
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	No Proposal given as no approved document for the year 2021-22	NA

6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	No Proposal given as no approved document for the year 2021-22	NA	
6p	Compliance of environmental monitoring (core zone and buffer zone)	No Proposal given as no approved document for the year 2021-22	Nil	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			No Proposal given as no approved document for the year 2021-22.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposal given as no approved document for the year 2021-22	NA	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	No Proposal given as no approved document for the year 2021-22	NA	
7c	Different grade of mineral sorted out at mines.	No Proposal given as no approved document for the year 2021-22	NA	
7d	Any beneficiation process at mines .	No Proposal given as no approved document for the year 2021-22	Nil	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			No Proposal given as no approved document for the year 2021-22.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal given as no approved document for the year 2021-22	NA	
8b	Concurrent use or storage of topsoil	No Proposal given as no approved document for the year 2021-22	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal given as no approved document for the year 2021-22	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal given as no approved document for the year 2021-22	NA	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal given as no approved document for the year 2021-22	NA	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	No Proposal given as no approved document for the year 2021-22	NA	
8g	Survival rate	No Proposal given as no approved document for the year 2021-22	Nil	
8h	Water sprinkling on roads to control airborne dust	No Proposal given as no approved document for the year 2021-22	Nil	

8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	No Proposal given as no approved document for the year 2021-22.
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Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	No Proposal given as no approved document for the year 2021-22.	monthly and Annual returns submitted online	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No Proposal given as no approved document for the year 2021-22.	Nil	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	No Proposal given as no approved document for the year 2021-22.	Covered under current (O/C) Workings 6.500	
9d	Scrutiny of Annual return on afforestation	No Proposal given as no approved document for the year 2021-22.	Nil	
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No Proposal given as no approved document for the year 2021-22.	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No Proposal given as no approved document for the year 2021-22.	Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	No Proposal given as no approved document for the year 2021-22.	Nil	

9h	Scrutiny of Annual return on fixed assets	No Proposal given as no approved document for the year 2021-22.	Nil
9k	Scrutiny of Annual return on mining machineries	No Proposal given as no approved document for the year 2021-22.	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 :

(ROBERT SIMON C)

Indian Bureau of Mines