

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

Review and updation of Mining Plan REPORT

Jabalpur regional office

Mine file No : MP/SATNA/LST-

Mine code : 38MPR35333

- (i) Name of the Inspecting : **SQ05**) **DEEPAK SHARMA**
Officer and ID No.
- (ii) Designation : Senior Mining Geologist
- (iii) Accompanying mine : Shri Nigam Mines Manager, Shri B Banarjee Geologist
Official with
Designation
- (iv) Date of Inspection : 18-MAR-20
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DEORI 23.123HA. LST MINE**
- (b) **Registration NO.** :
- (c) Category : B Manual
- (d) Type of Working : Opencast
- (e) Postal address
State : MADHYA PRADESH
District : SATNA
Village : DEORI
Taluka :
Post office :
Pin Code :
FAX No. :
E-mail :
Phone :
- (f) Police Station :
- (g) First opening date :
- (h) Weekly day of rest :
2. Address for :
correspondance
3. (a) Lease Number : MPR2152
(b) Lease area : 23.23
(c) Period of lease : 20
(d) Date of Expiry : 01-FEB-25
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 : Mining Scheme rule 12 MCDR1988 11-MAR-16
Plan/Scheme of Mining

PART - II : OBSERVATION/COMMENTS OF INSPECTING OFFICERS

Exploration :

Sl.No.	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	No exploration was proposed for the 2018-19 and year 2019-20 is lapse period	No exploration carried out due to lapse period	mine was closed no operations seems active
1b	Exploration over lease area for geological axis 1 or 2	Exploration upto G2 level	Exploration done upto G2 level of exploration about 13 hectare area explored upto G2 level	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not applicable	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	around 13 hecatre area to be explored to bring G2 into G1	
1e	Balance reserve as on 01/04/20	as on 1/04/2016 122-0.618289 222-0.094563	as on 01/04/2020 122-0.471061 222-0.094563	
1f	General remarks of inspecting officers on geology, exploration etc			limestone of the area is associated with Rohtas Limestone in Semri group of Vindhyan super group. Rocks of this formation comprise of Shale and Limestone. Around 13 hectaee area has been explored upto the G2 level of exploration area.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
2c	Stripping ratio or ore to OB ratio	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
2d	Quantity of topsoil generation in m3	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
2e	Quantity of overburden generation in m3	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
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Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3b	Quantity of ROM mineral production proposed	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3c	Recovery of sailable/usable mineral from ROM production	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3d	Quantity of mineral reject generation	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

3e	Grade of mineral rejects generation and threshold value declared.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3f	Quantity of sub grade mineral generation.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3g	Grade of sub grade mineral generation	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3h	Manual / Mechanised method adopted for segregating from ROM	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

3j	Provision of drilling and blasting in mineral benches	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3k	Provision of mining machineries in mineral benches	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3m	Total area covered under excavation/pits	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3n	Ore to OB ratio for the pit/mine during the year.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

3o	Total area put in use under different heads at the end of year	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3p	Production of ROM mineral during the last five year period as applicable	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
3q	General remarks of inspecting officers on method of mining etc.			Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
4b	Location of topsoil, OB and mineral reject dumps	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

4c	Number of dumps within lease area and outside of lease area	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
4e	Number of active and alive dumps.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
4f	Number of dead dumps.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
4g	Number of dumps established.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

4h	Whether Retaining wall or garland drain all along dumps are there.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
4i	Length of Retaining wall or garland drain all along dumps	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
4j	Number of settling ponds	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
4k	Specific comments of inspecting officer on waste dump management			Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

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	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

5b	Area under backfilling of mined out area	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
5d	Total area fully reclaimed and rehabilitated	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

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	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

6b	Area available for rehabilitation (ha) .	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6c	afforestation done (ha).	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6d	No. of saplings planted during the year	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6e	Cumulative no .of plants	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6f	Any other method of rehabilitation	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

6g	Cost incurred on watch and care during the year	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6j	Compliance on reclamation and rehabilitation by backfilling (iii) Afforestation on backfilled area	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6m	Compliance of rehabilitation of waste land within lease (i)afforestation	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6n	Compliance of rehabilitation of waste land within lease (ii)Area rehabilitation (ha)	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6o	Compliance of rehabilitation of waste land within lease (iii)Method of rehabilitation	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
7c	Different grade of mineral sorted out at mines.	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
7d	Any beneficiation process at mines .	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
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8a	Separate removal and utilization of topsoil (Rule 32)	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
8b	Concurrent use or storage of topsoil	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
8g	Survival rate	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
8h	Water sprinkling on roads to control airborne dust	NA	NIL	Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Mine was closed not in operational during the inspection, year 2019-20 is lapse period therefore no proposal available for the year 2019-20.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	AR Submitted upto 2018-19 MR Submitted upto March 2020	AR Submitted upto 2018-19 MR Submitted upto March 2020	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	as per AR submitted 2018-19	Manager A.P.Shukla Mining Engineer in charge B.K.Choudhary Geologist in charge P.K.Mishra
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	furnished	Furnished
9d	Scrutiny of Annual return on afforestation	furnished	furnished
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	furnished	furnished
9f	Scrutiny of Annual return on ROM stock and/or graded ore	furnished	furnished
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	furnished	216.41 cost of production
9h	Scrutiny of Annual return on fixed assets	furnished	Value of Fixed Assets (in .) 12950000
9k	Scrutiny of Annual return on mining machineries	furnished	furnished

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 :

(DEEPAK SHARMA)

Indian Bureau of Mines