

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

**Mining Plan Modification REPORT**

**Jabalpur regional office**

**Mine file No :** MP/DHAR/LIMESTONE/66

**Mine code :** 38MPR12081

- (i) Name of the Inspecting : **K006** ) **NARESH KUMAR KATARIYA**  
Officer and ID No.
- (ii) Designation : Deputy Controller Mines
- (iii) Accompanying mine :  
Official with  
Designation
- (iv) Date of Inspection : 06-JAN-22
- (v) Prev.inspection date :

**PART-I : GENERAL INFORMATION**

1. (a) **Mine Name** : **JEERABAD LIMESTONE MINE (**
- (b) Registration NO.** : **IBM/15003/2013**
- (c) Category : A Other than Fully Mech.
- (d) Type of Working : Opencast
- (e) Postal address :  
State : MADHYA PRADESH  
District : DHAR  
Village : JEERABAD  
Taluka : GANDHWANI  
Post office : JEERABAD  
Pin Code : 454446  
FAX No. :  
E-mail : mines@satgurucement.in  
Phone : 0731-4075937, 4093290
- (f) Police Station :
- (g) First opening date : 12-APR-21
- (h) Weekly day of rest : SUN
2. Address for : 601/1, AIREN HEIGHTS, PU-3, SCHEME NO. 54,  
correspondance : OPPOSITE C-21 MALL, A B ROAD,  
INDORE - 452001
3. (a) Lease Number :
- (b) Lease area :
- (c) Period of lease :
- (d) Date of Expiry :
4. Mineral worked : LIMESTONE Main

5. Name and Address of the

Lessee : SATGURU CEMENT PVT. LTD.  
601/1, AIREN HEIGHTS, PU-3  
SCHEME NO.54 A.B.ROAD,  
INDORE 452010 ,MP. DHAR  
MADHYA PRADESH  
Phone:NA  
FAX :NA

6. Date of approval of Mining :  
Plan/Scheme of Mining

## 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	Exploration for G1 axis Number of Bore hole -8 nos Total Meterage-200m	Exploration for G1 axis Number of Bore hole -8 nos Total Meterage-135m	
1c	Exploration Agencies and Expenditure in lakh rupees during the year		Exploration Agency- Lessee Himself, under the guidance of his technocrat's team  Drilling Agency-  Shabban Ali Bore wells, Indore  Rs. 318870/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	8.90 Ha.	8.04 Ha	
1e	Balance reserve as on 01/04/20		1100935 Tons	
1f	General remarks of inspecting officers on geology, exploration etc			08 nos of core bore holes have been reported by lessee in the year 2021-22. Reserve re-estimated after exploration is 1294085 Tones

## Development :

Sl.No.	Item	Proposals	Actual work	Remarks
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2a	Location of development w.r.t.lease area	As per First year Plan E75 to E230 & S95 to S175	Nil	Mine development was not started in RY 2020-21. Violation for the same under rule 11(1) of MCDR-2017 has been issued.
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Yes	Nil	There is no Soil cover and overburden in lease area
2c	Stripping ratio or ore to OB ratio	Nil	Nil	There is no Soil cover and overburden in lease area
2d	Quantity of topsoil generation in m3	Nil	Nil	There is no Soil cover and overburden in lease area
2e	Quantity of overburden generation in m3	Nil	Nil	There is no Soil cover and overburden in lease area
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			

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#### Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	Nil	Violation for the same under rule 11(1) of MCDR-2017 has been issued.
3b	Quantity of ROM mineral production proposed	193150 Tonnes	Nil	Violation for the same under rule 11(1) of MCDR-2017 has been issued.

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3c	Recovery of sailable/usable mineral from ROM production	4500 Tonnes	Nil	In the previous approved plan Coroline Limestone was considered as waste which has been included in the mineral as it has high % of CaO. Modification is approved. Violation for the same under rule 11(1) of MCDR-2017 has been issued.
3d	Quantity of mineral reject generation	188650	Nil	Coralline limestone have CaO is about 44% & MgO<3.5 which was considered as mineral reject. Modification in the approved document is approved to consider the corarlline limestone as mineral.
3e	Grade of mineral rejects generation and threshold value declared.		Cement Grade	Coralline limestone have CaO?44% & MgO<3.5 which was considered as mineral reject. Modification in the approved document is in process to consider the corarlline limestone as mineral.
3f	Quantity of sub grade mineral generation.	Nil	Nil	

3g	Grade of sub grade mineral generation	Nil	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanized method	Mechanized method	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Nil	Nil	
3j	Provision of drilling and blasting in mineral benches	Yes	Not done	
3k	Provision of mining machineries in mineral benches	Yes	Not deployed	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Mine development not done.	
3m	Total area covered under excavation/pits	2.1 Ha	Nil	Violation is pointed out for the same.
3n	Ore to OB ratio for the pit/mine during the year.	Nil	Nil	There is no Soil cover and overburden in lease area

3o	Total area put in use under different heads at the end of year	1.Area Under Mining- 2.10 Ha 2. Storage of Top soil- 0.0 Ha 3. Waste Dump site-1.3376 Ha 4. Mineral storage/Sub grade-1.8376 Ha 5.Infrastructure (Workshop, administrative building etc.)-0.01 Ha 6.Roads- 0.05 Ha 7. Railways- 0.0 Ha 8. Tailing ponds- Ha 9.Effluent Treatment plant- 0.0 Ha 10. Mineral Separation plant- 0.0 Ha 11. Township area- 0.0 Ha 12. Other - 0.115 Ha	Nil
3p	Production of ROM mineral during the last five year period as applicable	2020-21 193150	Nil
3q	General remarks of inspecting officers on method of mining etc.	Opencast method of mining with HEMM was proposed. But, mine development & production was not started in the mine. Violation for the same is pointed out.	

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Solid Waste Management - Dumping:

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Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Nil	Notice of Opening of Mine in From C Submitted on dated 25/06/2021. Mine development & production not reported in Year 2020-21.
4b	Location of topsoil, OB and mineral reject dumps	E 6 to E170 & S612 to S740	Nil	Notice of Opening of Mine in From C Submitted on dated 25/06/2021. Mine development & production not reported in Year 2020-21.
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	No dumps observed in the lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	No dumps observed in the lease area.
4e	Number of active and alive dumps.	Nil	Nil	No dumps observed in the lease area.
4f	Number of dead dumps.	Nil	Nil	No dumps observed in the lease area.
4g	Number of dumps established.	Nil	Nil	No dumps observed in the lease area.
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	No dumps observed in the lease area.
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	No dumps observed in the lease area.
4j	Number of settling ponds	Nil	Nil	



4k	Specific comments of inspecting officer on waste dump management		No dumps observed in the lease area. Notice of Opening of Mine in Form C Submitted on dated 25/06/2021. Mine development & production not reported in Year 2020-21.
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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.	Nil	Nil	Mine development & production not reported in Year 2020-21.
5b	Area under backfilling of mined out area	Nil	Nil	Area not matured for backfilling
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	Area not matured for backfilling
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	Area not matured for backfilling
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Area not matured for backfilling and reclamation as mine development and production not reported in the mine.

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Progressive Mine Clousre Plan:

Sl.No.	Item	Propasals	Actual work	Remarks
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6a	Whether Annual report on PMCP submitted on time and correctly. Rule 23 E(2).	Yes	Not submitted	Violation pointed out under rule 26(2) of MCDR-2017.
6b	Area available for rehabilitation (ha) .	Nil	Nil	Area not matured for backfilling and rehabilitation.
6c	afforestation done (ha).	Nil	Nil	
6d	No. of saplings planted during the year	Nil	Nil	
6e	Cumulative no .of plants	Nil	Nil	
6f	Any other method of rehabilitation	Not proposed	Not done	
6g	Cost incurred on watch and care during the year	Not specified	No record found.	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling ( L x B x D	Nil	Nil	Area not matured for backfilling
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil	Area not matured for backfilling
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Nil	Nil	Area not matured for backfilling

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed	No water reservoir found in the lease area.	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not proposed	Not done.	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	Nil	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	Nil	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	Nil	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	Yes	Yes	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Annual report of PMCP compliance has not been submitted. Violation pointed out under rule 26(2) of MCDR-2017.

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**Mineral Conservation:**


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Sl.No.	Item	Proposals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM mineral dispatch to captive plant.	NIL	Mine development and production not reported.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not proposed	NA	
7c	Different grade of mineral sorted out at mines.	Not proposed	NA	
7d	Any beneficiation process at mines .	Not proposed	Not done	
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues			Mine development & production of leased mineral is not started as per submitted annual return. No any pit was observed in the lease area.

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**Environment:**

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	No topsoil in the lease area	
8b	Concurrent use or storage of topsoil	NA	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Dumps are proposed in the lease area for OB.	No dumps observed in the lease area.	

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8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Not done	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Nil	Mine development not done as proposed.
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	NIL	10 Nos	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			the lease area was not disturbed for mining activities.

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Compliance of Rule 45:

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Sl.No.	Item	Propasals	Actual work	Remarks
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9a	Status of submission of Monthly and Annual returns	Started filling Monthly return on dated 25/06/2021. From April 2021. Annual Return of the year 2020-21 not submitted as notice of opening of mine was not submitted in the year 2020-21.	Notice of Opening of Mine in Form C Submitted on dated 25/06/2021.
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual Return of the year 2020-21 not submitted as notice of opening of mine was not submitted in the year 2020-21.	Manager & Mining Engineer - Shri Vijay Keshav Chakunde Mine Geologist - Shri S. R. Mishra.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Annual Return of the year 2020-21 not submitted as notice of opening of mine was not submitted in the year 2020-21.	Nil
9d	Scrutiny of Annual return on afforestation	Annual Return of the year 2020-21 not submitted as notice of opening of mine was not submitted in the year 2020-21.	Nil

9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	Annual Return of the year 2020-21 not submitted as notice of opening of mine was not submitted in the year 2020-21.	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Annual Return of the year 2020-21 not submitted as notice of opening of mine was not submitted in the year 2020-21.	Nil
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Annual Return of the year 2020-21 not submitted as notice of opening of mine was not submitted in the year 2020-21.	Nil
9h	Scrutiny of Annual return on fixed assets	Annual Return of the year 2020-21 not submitted as notice of opening of mine was not submitted in the year 2020-21.	NA
9k	Scrutiny of Annual return on mining machineries	Annual Return of the year 2020-21 not submitted as notice of opening of mine was not submitted in the year 2020-21.	NA

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**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
MCDR17	Rule 11(1)	18-JAN-22	08-FEB-22				
MCDR17	Rule 26(2)	18-JAN-22	08-FEB-22				
MCDR17	Rule 33	18-JAN-22	08-FEB-22				
	Rule 63	18-JAN-22	08-FEB-22				

**Date :**

**(NARESH KUMAR KATARIYA)**

Indian Bureau of Mines