

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

Mining Plan Modification REPORT

Jabalpur regional office

Mine file No : MP/DHAR/LIMESTONE/65

Mine code : 38MPR12080

- (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 : 05-JAN-22
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **RODADA LIMESTONE MINE (13)**
- (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 : RODADA
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,
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 -5 nos Total Meterage-150m	Exploration for G1 axis Number of Bore hole -15 nos Total Meterage-347m	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	Not proposed	Exploration Agency- Lessee Himself, under the guidance of his technocrat's team Drilling Agency-Shabban Ali Bore wells, Indore Rs. 812528/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	0.0 Ha	0.0 Ha	13.150 Ha area Explored under G1 axis
1e	Balance reserve as on 01/04/20		Balance reserve as on 01.04.2022 - 1906429 Tones	15 nos of core bore holes have been reported by lessee in the year 2021-22. Reserve re-estimated after exploration is 2096594 Tones.
1f	General remarks of inspecting officers on geology, exploration etc			15 nos of core bore holes have been reported by lessee in the year 2021-22. Reserve re-estimated after exploration is 2096594 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 E101 to E296 & S784 to S900	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)	Two benches of mineral proposed to develop in the RY.	Nil	Mine development was not started in RY 2020-21. Violation for the same under rule 11(1) of MCDR-2017 has been issued.
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			Mine development was not started in RY 2020-21. Violation for the same under rule 11(1) of MCDR-2017 has been issued.

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	1	Nil	Violation for the same under rule 11(1) of MCDR-2017 has been issued.
3b	Quantity of ROM mineral production proposed	190165 Tones	Nil	Violation for the same under rule 11(1) of MCDR-2017 has been issued.

3c	Recovery of sailable/usable mineral from ROM production	5030 Tones	Nil	Violation for the same under rule 11(1) of MCDR-2017 has been issued. In the earlier approved mining plan document, 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.
3d	Quantity of mineral reject generation	185135 Tones	Nil	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.
				Violation for the same under rule 11(1) of MCDR-2017 has been issued. There is no Soil cover and overburden in lease area

3e	Grade of mineral rejects generation and threshold value declared.	Cement Grade			In the earlier approved mining plan document, 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.	Not proposed		Not done	
3j	Provision of drilling and blasting in mineral benches	Yes		Nil	Mine development not started.
3k	Provision of mining machineries in mineral benches	Yes		Yes	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes		Benches not developed.	

3m	Total area covered under excavation/pits	0.98 Ha	Nil	Violation for the same under rule 11(1) of MCDR-2017 has been issued.
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- 0.98 Ha 2. Storage of Top soil- 0.0 Ha 3. Waste Dump site-0.0 Ha 4. Mineral storage/Sub grade-1.545 Ha 5.Infrastructure (Workshop, administrative building etc.)-0.01 Ha 6.Roads- 0.00 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 - 0.165 Ha	Nil	No mine development in the RY 2020-21.

3p	Production of ROM mineral during the last five year period as applicable	2020-21 190165 Nil	Mine development not started. Environment Clearance has issued on dated 27/10/2020. CTO has been Granted on dated 9/04/2021. Notice of Opening of Mine in From C Submitted on dated 16/07/2021.
3q	General remarks of inspecting officers on method of mining etc.		Mine development not started. Environment Clearance has issued on dated 27/10/2020. CTO has been Granted on dated 9/04/2021. Notice of Opening of Mine in From C Submitted on dated 16/07/2021.

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Yes	Nil	Mine development not started in RY 2020-21
4b	Location of topsoil, OB and mineral reject dumps	E 240 to E340 & S950 to S1092	Nil	Mine development not started in RY 2020-21
4c	Number of dumps within lease area and outside of lease area	Nil	Nil	Mine development not started in RY 2020-21
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	Mine development not started in RY 2020-21. There is no dump in the lease area.

4e	Number of active and alive dumps.	Nil	Nil	Mine development not started in RY 2020-21. There is no dump in the lease area.
4f	Number of dead dumps.	Nil	Nil	Mine development not started in RY 2020-21. There is no dump in the lease area.
4g	Number of dumps established.	Nil	Nil	Mine development not started in RY 2020-21. There is no dump in the lease area.
4h	Whether Retaining wall or garland drain all along dumps are there.	Nil	Nil	Mine development not started in RY 2020-21. There is no dump in the lease area.
4i	Length of Retaining wall or garland drain all along dumps	Nil	Nil	Mine development not started in RY 2020-21. There is no dump in the lease area.
4j	Number of settling ponds	Nil	Nil	Settling pond not constructed.
4k	Specific comments of inspecting officer on waste dump management			Mine development not started in RY 2020-21. There is no dump in the lease area.

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 not started in RY 2020-21.
5b	Area under backfilling of mined out area	Nil	Nil	Mine development not started in RY 2020-21.

5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Nil	Nil	
5d	Total area fully reclaimed and rehabilitated	Nil	Nil	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Mine development not started in RY 2020-21. Area not matrued for backfilling in the lease area.

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).	Yes	Not submitted	Violation pointed out under rule 26(2) of MCDR-2017.
6b	Area available for rehabilitation (ha) .	Nil	Nil	
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	Nil	

6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Nil	Nil
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Nil	Nil
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on on backfilled area	Nil	Nil
6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Nil	Nil
6l	Compliance on reclamation and rehabilitation by backfilling (v)any other specific means.	Nil	Nil
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.			Mine development not started in RY 2020-21. There is no dump, backfilling area in the lease area. Only exploration has been carried out in the mine.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	NIL	
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	Not proposed	NA	

7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues	Mine development not started in RY 2020-21.
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Environment:

Sl.No.	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	NA	There is no top soil in the lease area.
8b	Concurrent use or storage of topsoil	NA	NA	There is no top soil in the lease area.
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Yes	Nil	Mine development is not done in the year 2020-21. No dumps in the lease area.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	Mine development is not done in the year 2020-21. No OB dumps in the lease area.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	Mine development is not done in the year 2020-21. No dumps in the lease area.
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			Mine development is not done in the year 2020-21. Lease area not disturbed due to mining activities. No any recreational activity done in the RY 2020-21.

Compliance of Rule 45:

Sl.No.	Item	Propasals	Actual work	Remarks
9a	Status of submission of Monthly and Annual returns	Started filling Monthly return From April 2021. AR not submitted for the year 2020-21	Notice of Opening of Mine in From C Submitted on dated 16/07/2021.	Violation pointed out for the same under rule 45 of MCDR-2017
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	AR not submitted for the year 2020-21	Manager & Mining Engineer - Shri Vijay Keshav Chakunde Mine Geologist - Shri Siyaram Mishra	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	AR not submitted for the year 2020-21	Nil	
9d	Scrutiny of Annual return on afforestation	AR not submitted for the year 2020-21	Nil	

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

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