

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

**MCDR inspection REPORT
Jabalpur regional office**

Mine file No : MP/DHAR/LIMESTONE/67

Mine code : 38MPR12082

- (i) Name of the Inspecting : **NQ08**) **KATHROJU NAVEEN**
Officer and ID No.
- (ii) Designation : Sr. Asst. Contrl. Mines
- (iii) Accompanying mine : Shri V K Chakunder DGM(Mines), Shri Siyaram Mishra Ge
Official with
Designation
- (iv) Date of Inspection : 15-FEB-23
- (v) Prev.inspection date :

PART-I : GENERAL INFORMATION

1. (a) **Mine Name** : **DHANORA LIMESTONE MINE (3**
- (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 : DHANORA
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	12 Bore holes proposed during the first year i.e 2020-21	6 bore holes drilled in 2021-22 against the proposed 2020-21 exploration.	
1b	Exploration over lease area for geological axis 1 or 2	Not Proposed	exploration proposed during 202-21 but only 50% of the proposal achieved in 2021-22.	
1c	Exploration Agencies and Expenditure in lakh rupees during the year	proposal given in 2020-21	Unique Geo Tech & Drillers , Rs.2,03,250/-	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Area explored under G-2= 20.0ha G3=3.0 ha level of exploration	proposed to bring entire area under G1 category but only 6 hole were drilled from 01/10/2022 to 08/10/2022.	
1e	Balance reserve as on 01/04/20	22,61,599T	24,85,015T	As per the last approved document the reserves available are 24,85,112T out of which it is produced only 100T reportedly produced by the end of 2021-22.
1f	General remarks of inspecting officers on geology, exploration etc			6 Bore holes were drilled against the proposed 12 bore holes of the 2020-21 proposal. As per the last approved document the reserves available are 24,85,112T out of which it is produced only 100T reportedly produced by the end of 2021-22.

Development :

Sl.No.	Item	Propasals	Actual work	Remarks
2a	Location of development w.r.t.lease area	it was proposed to develop in Nortehr part of Block A	working not upto the proposal	
2b	Separate benches in topsoil, overburden and minerals (Rule 15)	Not proposed	Not Applicable	
2c	Stripping ratio or ore to OB ratio	Not proposed	Not Applicable	
2d	Quantity of topsoil generation in m3	Not proposed	Not Applicable	
2e	Quantity of overburden generation in m3	Not proposed	Not Applicable	
2f	General remarks of inspecting officers on development of pit w.r.t. type of deposit etc			Mine Development was not upto the proposal .

Exploitation:

Sl.No.	Item	Propasals	Actual work	Remarks
3a	Number of pit proposed for production	One	One	
3b	Quantity of ROM mineral production proposed	proposed 11,111T of limestone production during the RY.	Reportedly only 100T of limestone produced.	
3c	Recovery of sailable/usable mineral from ROM production	proposed 60% recovery	No considerable amount of excavation made to project the recovery.	
3d	Quantity of mineral reject generation	Not proposed	Not Applicable	

3e	Grade of mineral rejects generation and threshold value declared.	Not proposed	Not Applicable	
3f	Quantity of sub grade mineral generation.	Not proposed	Not Applicable	
3g	Grade of sub grade mineral generation	Not proposed	Not Applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Not proposed	Not Applicable	
3i	Any analysis or beneficiation study proposed and carried out for sub grade mineral and rejects.	Not proposed	Not Applicable	
3j	Provision of drilling and blasting in mineral benches	Yes proposed	Machinery not found in mine due to non operation of the mine.	
3k	Provision of mining machineries in mineral benches	Yes proposed	Machinery not found in mine due to non operation of the mine.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	yes propose bench height of 1m.	Benches not yet developed.	
3m	Total area covered under excavation/pits	1.3560 Ha proposed during the 5 years period.	0.00ha	Reportedly, 100 tones production has been carried out by collection boulders scattered on surface of proposed working location.
3n	Ore to OB ratio for the pit/mine during the year.	Not Proposed	Not Applicable	

3o	Total area put in use under different heads at the end of year	Area under Mining -1.3560 ha Road-0.10 ha Infrastructure -0.21 Mineralstorage - 0.1ha Other 0.024 ha	No development observed.
3p	Production of ROM mineral during the last five year period as applicable	2017-18 NA 2018-19 NA 2019-20 NA 2020- 21....7,407 T 2021- 22.....11,111 T 2022-23 ..14,814 T	2017-18 NA 2018-19 NA 2019-20 NA 2020-21....0 T 2021-22.....100 T 2022-23 ..0T

Solid Waste Management - Dumping:

Sl.No.	Item	Propasals	Actual work	Remarks
4a	Separate dumping of topsoil, OB and mineral rejects (Rule 32,33)	Not Proposed	Not applicable	
4b	Location of topsoil, OB and mineral reject dumps	Not Proposed	Not applicable	
4c	Number of dumps within lease area and outside of lease area	Not Proposed	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	Not applicable	
4e	Number of active and alive dumps.	Not Proposed	Nil	
4f	Number of dead dumps.	Not Proposed	Nil	
4g	Number of dumps established.	Not Proposed	Nil	

4h	Whether Retaining wall or garland drain all along dumps are there.	Not Proposed	Nil	
4i	Length of Retaining wall or garland drain all along dumps	Not Proposed	Nil	
4j	Number of settling ponds	Not Proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management			topsoil and OB neither proposed nor observed.

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.	backfilling not proposed	Not applicable due to mineralised area not completed extracted.	
5b	Area under backfilling of mined out area	Not Proposed	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mineral out area (Rule 32)	Not Proposed	Not Applicable	
5d	Total area fully reclaimed and rehabilitated	Not Proposed	Not Applicable	
5e	General remarks of inspecting officers on backfilling and reclamation etc.			Backfilling neither proposed nor observed.

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).	To be submitted	Submitted on time	
6b	Area available for rehabilitation (ha) .	Not proposed	Nil	
6c	afforestation done (ha).	0.045ha area proposed during the proposal period.	Nil	
6d	No. of saplings planted during the year	18	Nil	
6e	Cumulative no .of plants	18	Nil	
6f	Any other method of rehabilitation	Not proposed	Not applicable	
6g	Cost incurred on watch and care during the year	Not proposed	Not applicable	
6h	Compliance on reclamation and rehabilitation by backfilling (i) Voids available for backfilling (Lx B x D	Not proposed	Not applicable	
6i	Compliance on reclamation and rehabilitation by backfilling (ii) Voids filled by waste / tailings	Not proposed	Not applicable	
6j	Compliance on reclamation and rehabilitation by backfilling (iii)Afforestation on backfilled area	Not proposed	Not applicable	

6k	Compliance on reclamation and rehabilitation by backfilling (iv) Rehabilitation by making water reservoir	Not proposed	Not applicable	
6l	Compliance on reclamation and rehabilitation by backfilling (v) any other specific means.	Not proposed	Not applicable	
6m	Compliance of rehabilitation of waste land within lease (i) afforestation	18 plats proposed	Nil	
6n	Compliance of rehabilitation of waste land within lease (ii) Area rehabilitation (ha)	0.045 ha proposed during the first 5 years	Nil	
6o	Compliance of rehabilitation of waste land within lease (iii) Method of rehabilitation	plantation	Nil	
6p	Compliance of environmental monitoring (core zone and buffer zone)	yes	environmental parameters are monitoring.	
6q	General remarks of inspecting officers on PMCP compliance and progressive closure operations etc.			Mine was not in operational due to R&R issues as expressed by the accompanied personnel of the company.

Mineral Conservation:

Sl.No.	Item	Propasals	Actual work	Remarks
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7a	ROM Mineral dispatch or grade-wise sorting within lease area	11,111T of ROM disptch proposed	It is observed reportedly only 100T ROM disptched.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical.	Not proposed	Not applicable
7c	Different grade of mineral sorted out at mines.	Not proposed	Not applicable
7d	Any beneficiation process at mines .	Not proposed	Not applicable
7e	General remarks of inspecting officer on Mineral conservation and beneficiation issues		The proposed production of lime stone is for captive cement manufacturing unit and no such gradewise sortng is proposed nor found to be required.

Environment:

Sl.No.	Item	Propasals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Not proposed	Not applicable	
8b	Concurrent use or storage of topsoil	Not proposed	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Not proposed	Not applicable	As proposed there is not OB or waste rock generation and mine is not in operation as on date of inspection.

8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	yes proposed	Mine has not been in fullfledged opeartion to start the said activities.	
8f	Baseline information on existence of plantation and additional plantation done (Rule 41)	18 plants proposed	plantation not found.	
8g	Survival rate	proposed 80%	plantation not found hence survival rate cannot be assesed.	
8h	Water sprinkling on roads to control airborne dust	proposed dust suppression by water spinkling on the road.	No mining actibvity observed in the mine.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area			Mine is not in operation due to R&R issues as expresed by accompanied company personel.

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 submitted on time.	

9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer in charge Mr. Anil Sharma Geologist in charge Mr. Ajit Kumar	Mining Engineer in charge Mr. Anil Sharma Geologist in charge Mr. Ajit Kumar
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	As the mine was not in operation fulfilled operation details not found in AR.	As the mine was not in operation fulfilled operation details not found in AR.
9d	Scrutiny of Annual return on afforestation	Reported 18 saplings	No such plants observed in the mine.
9e	Scrutiny of Annual return on mineral reject generation (Grade and quantity)	No mineral reject reported.	As the reported Limestone quantity is very low it is difficult to assess the reject generation possibilities.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Stocks Not reported in AR	Mining operations not conducted at full rate to keep the stock at the mine .
9g	Scrutiny of Annual return on sale value, Ex. Mine price and production cost	Cost of production is reported as 2301.88	Due to very low production Cost of production and ex mine price are higher.
9h	Scrutiny of Annual return on fixed assets	Given the fixed assets as 10,42,000/-	
9k	Scrutiny of Annual return on mining machineries	AIR COMPRESSOR 180.000 CUM SHOVEL (HYDRAULIC) 180.000 CUM TIPPER 130.000 CUM	

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)	02-MAY-23			

Date :

(KATHROJU NAVEEN)

Indian Bureau of Mines