

**MCDR INSPECTION REPORT 2021-22**

General

Sl No.	Particulars	Details
	File No. CHG/DRG/LST-19/RPR	
1	Name of the Mine	Sahgaon Limestone Mine
2	Date of Inspection:	17.01.2023
3	Name of Inspecting Officer	S Roy, AME
4	Name of official accompanying inspection	Shri Vishwapratap Tandon, Mines Manager
5	Last date of Inspection & Officer	09.03.2022
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.047 ha.(Govt. revenue land)
7	Mine code	38MPR13022
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/6624/2011
9	Name of the Lessee, Address, Phone, email and fax number	M/s Ruprela Brothers. Quarter No.2/B, Street-7, Sector-1, Bhilai, District-Durg(Chhattisgarh)
10	Village	Sahgaon
11	Taluka/Mandal	Dhamdha
12	District	Durg
13	Pin code	490036
14	State	Chattisgarh
15	Post Office	Nandani Khundani
16	Nearest Police Station	Nandani Nagar
17	Nearest Railway Station	Durg
18	Date of Grant of Mining Lease	06-12-1981
19	Date of Execution	06-12-1981
20	Weekly day of rest	Sunday
21	Date of First Renewal, if applicable and its period & expiry	6-12-2001 to 05-12-2021
22	Date of Second Renewal, if applicable and its period & expiry	06-12-2021 To 05-12-2031 As Per Section 8a Of MMDR Amendment Act, 2015, supplementary lease agreement for extended period has been made.
23	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not applicable.
24	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Sanjay Kumar Sao, Address-House No. 74/K, Kohka, Ramnagar, Bhilai, Dist-Durg(C.G)
25	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Not appointed.
26	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Vishwapratap Tandon, B.Tech Mining
27	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Vishwapratap Tandon, B.Tech Mining
28	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Naveen Kumar Tamrakar, Geologist
29	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Modified Mining plan under Rule 17(3), MCR 1960 DRG/LST/MPLN-1097/2017/RAIPUR, dated-27/06/2017 Proposal Period- 2017-18 TO 2021-22
30	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	-
31	Mineral(s) granted in lease and approved for Mining	Limestone
32	Method of Mining (Opencast, Underground)	Opencast
33	Category (Fully Mechanized, Others or Manual)	A-Mechanized
34	Captive/Non-Captive	Non-captive
35	Present EC Status	EC capacity 16732 TPA, Valid upto 05-12-2031.

36	Status of Financial Assurance	Rs. 1856000/- upto 31.03.2027 Bank Guarantee No. 9302IPEBG220054
----	-------------------------------	---

**Scientific Mining: Compliance of proposals of approved Mining Plan/Review of Mining Plan:**

**1.0 Exploration:**

S.N.	Item	Proposals (2021-22)	Actual Work(2021-22)	Remarks
1a	Backlog of previous year proposals	No proposal	Nil	-
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal		Limestone is exposed in entire lease area. In the approved document, the entire area has been considered in G1 level of exploration.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	No proposal	Nil	-do-
1d	Balance area to be explored to bring Geological axis in 1 or 2.	No proposal	Nil	-do-
1e	Balance reserves as on 01.04.2022 (in Million Tonnes)	As per approved Modified mining Plan: Total Mineral Reserve - 218875 T (111). Remaining Resource- 1227520 T (221 & 222).		As per approved review of mining plan- 345500 T (111). Remaining Resource- 1507300 T (211).
1f	General remarks of Inspecting officer on geology, exploration etc.	Limestone is exposed in entire lease area.		

**2.0 Development:**

S.N.	Item	Proposals (2021-22)	Actual Work(2021-22)	Remarks
2a	Location of Development w.r.t. lease area	Southern part of the lease area	Southern part of the lease area	-
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Limestone-03	Limestone-03	-
2c	Stripping ratio or ore to OB ratio	-	Nil	-
2d	Quantity of topsoil generation in m3	Nil	Nil	-
2e	Quantity of overburden generation in m3	Nil	Nil	-
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	No topsoil/OB seen during inspection.		

**3.0 Exploitation:**

S. N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
3a	Number of pits proposed for production	One	One	-
3b	Quantity of ROM mineral production proposed in tonne	16732.5 T	2500 T	-
3c	Recovery of Salable/usable mineral from ROM production tonne	Nil	Nil	-
3d	Quantity of mineral reject generation tonne	Nil	Nil	-
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	-
3f	Quantity of sub-grade mineral generation	Nil	Nil	-
3g	Grade of sub-grade mineral generation	Nil	Nil	-
3h	Manual/Mechanized method adopted for segregation from ROM	Nil	Nil	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	Nil	-
3j	Provision of drilling & blasting in mineral benches	Drilling and blasting is proposed.	Done	-
3k	Provision of mining machineries in mineral benches	Excavator cum rock breaker, jack hammer, dumper.	Excavator cum rock breaker, jack hammer, dumper	-
3m	Total area covered under excavation /pits	3.342 Ha. up to end of Plan period.	3.24 Ha.	-
3n	Ore to OB ratio for the pit/mine during the year	Nil	Nil	-
3o	Total area put in use under different heads at the end of year	3.508 Ha. up to end of Plan period.	3.24 Ha.	-
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2017-18: 10230 2018-19: 13250 2019-20: 15100 2020-21: 16700 2021-22:16732.5	2017-18: 0 2018-19: 0 2019-20:0 2020-21:0 2021-22:2500	-
3q	General remarks of inspecting officer on method of mining etc	No Mineral reject/ Topsoil generated during the year.		

**4.0 Solid Waste Management-Dumping:**

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Not proposed	Nil	No topsoil/ OB/ Mineral reject generated.
4b	Location of topsoil, OB & mineral reject dumps	Not proposed	Nil	-do-
4c	Number of dumps within lease area and outside lease area	Not proposed	Nil	-
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	Nil	-
4e	Number of Active & 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 dump	Not proposed	Nil	-
4j	Number of settling ponds	Not proposed	Nil	-
4k	Specific comments of inspecting officer on waste dump management	Nil		

**5.0 Solid Waste Management-Backfilling:**

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	Nil	-
5b	Area under backfilling of mined out area	Not proposed	Nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Nil	-
5d	Total area fully reclaimed & rehabilitated	Not proposed	Nil	-
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Reclamation and Rehabilitation by backfilling not proposed.		

**6.0 Progressive Mine Closer Plan:**

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26 (2).	Not submitted.	Violation of Rule 26(2) of MCDR, 2017 pointed out.	Violation of Rule 26(2) of MCDR, 2017 pointed out.
6b	Management of worked/mined out benches Area available for rehabilitation (Ha) Afforestation done (ha) No. of saplings planted during the year Cumulative no. of plants Any other specific method of rehabilitation Cost incurred on watch & care during the year	Not proposed	Nil	-
6c	Compliance on reclamation and rehabilitation by backfilling Voids available for backfilling (L*B*D) Void filled by waste/tailings Afforestation on the backfilling Rehabilitation by making water reservoir Any other specific means	Not proposed	Nil	-
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	Nil	Nil	-
6e	Compliance of Environment monitoring (core zone & buffer zone)	Proposed	Done	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Violation of Rule 26(2) of MCDR, 2017 pointed out for Annual report on PMCP not submitted on time.		

**7.0 Mineral Conservation:**

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	Total ROM mineral dispatch.	As per proposal.	-

7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed	Nil	-
7c	Different grade of mineral sort out at mine	Nil	Nil	-
7d	Any beneficiation process at mines	Not proposed	Nil	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No beneficiation done within lease area and the total ROM dispatch.		

### 8.0 Environment:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not proposed	Nil	-
8b	Concurrent use or storage of topsoil	Nil	Nil	No topsoil generated.
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Nil	Nil	No OB/Waste/Reject/Fines generated.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	-
8f	Survival rate	Not mentioned specifically.	Not mentioned in AR.	-
8g	Water sprinkling on roads to control airborne dust	Yes proposed.	Done	-
8h	General remarks of inspecting officer on aesthetic beauty in and around mine area	No topsoil /OB/Waste/Reject/Fines generated.		

### 9.0 Compliance of Rule 45:

SN	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	MR submitted up to Jan, 2023 AR submitted up to for the year 2021-22\		
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining engineer, Geologist employment is furnished.	Mining engineer, Geologist are employed in the mine.	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern furnished.	Land use pattern furnished.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil	-
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Closing stock mentioned.	2906.500 T.	No dispatch.
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Cost of production given.	Rs.400/T	-
9h	Scrutiny of Annual return on Fixed assets	Nil furnished in AR.	Nil furnished in AR.	-
9j	Scrutiny of Annual return on mining Machineries	Furnished in AR.	Furnished in AR .	-

### 10- (a) Compliance position of earlier violation pointed out: -

Violation of Rule 26(2) of MCDR, 2017 pointed out and issued on 16.02.2023.

Date:03.03.2023

Name: (S Roy)  
Designation: AME