

MCDR INSPECTION REPORT 2023-24**1.0 GENERAL**

SN	Particulars	Details
1	Name of the Mine	Matia Limestone Mine
2	Date of Inspection	16.04.2024
3	Name of Inspecting Officer	Prasant Kumar Sahu, Assistant Mining Engineer
4	Name of official accompanying inspection	Mr. Ashok Sahu (Director) Dr. Monoj Kumar, Qualified Person
5	Last date of Inspection & Officer	07.09.2023 by Shri P. K. Sahu, Assistant Mining Engineer
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	12.137 Ha.
7	Mine code	38CHG14006
8	IBM Registration Number under rule 45 of MCDR, 1988	IBM/18221/2014
9	Name of the lessee, Address, phone, email and fax number	M/s Gangotri Limes (P) Limited Shri Ashok Kumar Sahu (Director) Ward No.-01, Donde Khurd, P.O. - Dondekala Tehsil & District–Raipur (C.G.), Pin no.-493111, Mobile No.- 8602765000 (m) Email id: bhavika1980@yahoo.com
10	Village	Matia
11	Taluka	Dharsiwa
12	District	Raipur
13	Pin code	493111
14	State	Chhattisgarh
15	Post office	Donde- Khurd
16	Nearest police station	Raipur
17	Nearest Railway station	Mandhar
18	Date of Grant of Mining Lease	10/09/1998
19	Date of Execution	50 years from 27/04/1999 to 26/04/2049.
20	Weekly day of rest	Sunday
21	Date of opening of Mine	01/11/2003
22	Date of first Renewal, if applicable and its period & expiry	NA
23	Date of second Renewal, if applicable and its period & expiry	NA
24	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
25	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	M/s Gangotri Limes (P) Limited Shri Ashok Kumar Sahu (Director) Ward No.-01, Donde Khurd, P.O. - Dondekala Tehsil & District–Raipur (C.G.), Pin no.-493111, Mobile No.- 8602765000 (m) Email id: bhavika1980@yahoo.com
26	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA

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27	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Not appointed, Mining operation was suspended on 20.10.2023 under Rule 11(2) of MCDR, 2017.
28	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Not appointed, Mining operation was suspended on 20.10.2023 under Rule 11(2) of MCDR, 2017.
29	Whether Geologist and Mining Engineer appointed in mines satisfy rule 55 and carrying out their duties as per rule 56 & 57.	Not appointed, Mining operation was suspended on 20.10.2023 under Rule 11(2) of MCDR, 2017.
30	Date of Approval of Review of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	DRG/LST/MPLN-598/NGP, dated- 14/10/1997
31	Date of Approval of Review of Mining Plan/Modified Review of Mining Plan with five-year period and specific condition in approval letter, if any	Raipur/LST/KhYo-1137/2017/Raipur/1017 dated 21/02/2018 Five Year (2018-19 to 2022-23)
32	Mineral(s) granted in lease and proved for mining	Limestone
33	Method of Mining (Opencast, Underground)	Opencast mining
34	Category (Fully Mechanised, Others or Manual)	A Category (Mechanized)
35	Captive/Non-Captive	Non-Captive
36	EC for ROM Prod: Date of Issue:	22501 Tonnes /year 16/03/2012
37	Status of Financial Assurance	Bank Guarantee of Rs.45,65,000/- valid up to 31/03/2028

1.0 Scientific Mining: Compliance of proposals of approved mining plan/Review of mining Plan. –**Exploration:**

SN	Item	Proposals 2023-24	Actual work 2023-24	Remarks
1a	Backlog of previous year	04 boreholes were proposed during the year 2018-19	06 boreholes Total depth 360.00 meter	
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	-do-	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	M/s Rock Resolve, Nandini Nagar, Durg, Chhattisgarh	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	Nil	The entire potential mineralized area has been explored under G-1 based on the recent exploration.
1e	Balance reserves as on 01.04.2023 (million tonnes)	Under 122: 7.76 million tonne Under 222: 1.61 million tonne		As per the Annual Report submitted for 2022-23.
1f	General remarks of inspecting officer on geology, exploration etc.	06 Nos. boreholes were drilled in FY 2023-24 against the proposal of 04 boreholes during the period 2018-19. Entire potential mineralized area has been explored under G1 based on the recent exploration.		

2.0 Development:

SN	Item	Proposals 2023-24	Actual work 2023-24	Remarks
2a	Location of development w.r.t. lease area	No proposal	Nil	No valid proposal in the form of Mining Plan for the plan period 2023-24 to 2027-28.
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	No proposal	Nil	
2c	Stripping ratio or ore to OB ratio	No proposal	Nil	
2d	Quantity of topsoil generation in m ³	No proposal	Nil	
2e	Quantity of overburden generation in m ³	No proposal	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	The mining operation was suspended since 20.10.2023 under Rule 11(2) of MCDR, 2017. Draft RMP for the period 2023-24 to 2027-28 has been submitted on 06.04.2024 and the same is under process.		

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3.0 Exploitation

SN	Item	Proposals 2023-24	Actual work 2023-24	Remarks
3a	Number of pits proposed for production	No proposal	Nil	No valid proposal in the form of Mining Plan for the plan period 2023-24 to 2027-28.
3b	Quantity of Limestone production proposed	No proposal	Nil	
3c	Recovery of saleable/usable mineral from ROM production	No proposal	Nil	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	No proposal	Nil	
3f	Quantity of sub-grade mineral generation	No proposal	Nil	
3g	Grade of sub-grade mineral generation	No proposal	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Nil	
3j	Provision of drilling & blasting in mineral benches	No proposal	Nil	
3k	Provision of mining machineries in mineral benches	No proposal	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	Nil	
3m	Total area covered under excavation/pits	No proposal	Nil	
3n	Ore to OB ratio for the pit/mine during the year	No proposal	Nil	
3o	Total area put in use under different heads at the end of year	No proposal	Nil	
3p	Production of ROM mineral in tonnes during last five-year period, as applicable	2019-20: 1,00,000 2020-21: 1,00,000 2021-22: 1,00,000 2022-23: 1,00,000	2019-20: 0.00 2020-21: 0.00 2021-22:6720 2022-23:22495	

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		2023-24: No proposal	2023-24: Nil	
3q	General remarks of inspecting officer on method of mining etc.	The mining operation was suspended since 20.10.2023 under Rule 11(2) of MCDR, 2017. Draft RMP for the period 2023-24 to 2027-28 has been submitted on 06.04.2024 and the same is under process.		

4.0 Solid Waste Management-Dumping:

SN	Item	Proposals 2023-24	Actual work 2023-24	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposal	Nil	No valid proposal in the form of Mining Plan for the plan period 2023-24 to 2027-28.
4b	Location of topsoil, OB & mineral reject dumps	No proposal	Nil	
4c	Number of dumps within lease area and outside lease area	No proposal	Nil	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	Nil	
4e	Number of active & alive dumps	No proposal	Nil	
4f	Number of dead dumps	No proposal	Nil	
4g	Number of dumps stabilised	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	Nil	
4i	Length of Retaining wall or garland drain all along dump	No proposal	Nil	
4j	Number of settling ponds	No proposal	Nil	
4k	Specific comments of inspecting officer	The mining operation was suspended since 20.10.2023 under Rule 11(2) of MCDR, 2017. Draft RMP for the period 2023-24 to 2027-28 has been submitted on 06.04.2024 and the same is under process.		

5.0 Solid Waste Management-Backfilling:

SN	Item	Proposals 2023-24	Actual work 2023-24	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	Nil	
5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	Nil	
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	

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5e	General remarks of inspecting officer on backfilling, reclamation, etc.	The mining operation was suspended since 20.10.2023 under Rule 11(2) of MCDR, 2017. Draft RMP for the period 2023-24 to 2027-28 has been submitted on 06.04.2024 and the same is under process.
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6.0 Progressive Mine Closure Plan:

SN	Item	Proposals 2023-24	Actual work 2023-24	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26 (2).	To be submitted before 01 st July every year.	PMCP report not yet due	PMCP report yet to be submitted before 01 st July 2024
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	No proposal	Nil	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	No proposal	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No proposal	Nil	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	No proposal	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive	The mining operation was suspended since 20.10.2023 under Rule 11(2) of MCDR, 2017. Draft RMP for the period 2023-24 to 2027-28 has been submitted on 06.04.2024 and the same is under process.		

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7.0 Mineral Conservation:

SN	Item	Proposals 2023-24	Actual work 2023-24	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No proposal	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	Nil	
7c	Different grade of mineral sorted out at mines	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The mining operation was suspended since 20.10.2023 under Rule 11(2) of MCDR, 2017. Draft RMP for the period 2023-24 to 2027-28 has been submitted on 06.04.2024 and the same is under process.		

8.0 Environment:

SN	Item	Proposals 2023-24	Actual work 2023-24	Remarks
8a	Separate removal and utilization of topsoil	No proposal	Nil	
8b	Concurrent use or storage of topsoil	No proposal	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	
8f	Baseline information on existence of plantation & additional plantation done	No proposal	Nil	
8g	Survival rate	No proposal	Nil	
8h	Water sprinkling on roads to control airborne dust	No proposal	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The mining operation was suspended since 20.10.2023 under Rule 11(2) of MCDR, 2017. Draft RMP for the period 2023-24 to 2027-28 has been submitted on 06.04.2024 and the same is under process.		

9.0 Compliance of Rule 45:

S.N.	Item	Comments	Remarks
	Status of submission of Monthly and Annual returns	MR being regularly submitted AR submitted up to F.Y. 2022-23	Annual Return for the year 2023-24 to be submitted before 01 July 2024.
Note- Scrutiny of Annual Return for FY 2022-23 was carried out during last inspection by the undersigned on dated 07.09.2023.			

10- Details of Violations observed during current inspection: -

The mining operation was suspended under Rule 11(2) of MCDR, 2017 on dated 20.10.2023 for non-compliance of Rule 11(1) and 55(1) (c)(i) of MCDR, 2017. During the current inspection, no violation is pointed out as the mining operation was already suspended.

प्रशान्त कुमार साहू / Prasant Kumar Sahu
सहायक खान नियंत्रक / Assistant Controller of Mines
भारतीय खान ब्यूरो, रायपुर / Indian Bureau of Mines, Raipur