

**MCDR INSPECTION REPORT 2023-24****General:**

Sl .No.	Particulars	Details
1	Name of the Mine	Nandini Khundini Limestone Mine
2	Date of Inspection:	16-07-2024
3	Name of Inspecting Officer	Prasant Kumar Sahu, Assistant Controller of Mines
4	Last date of Inspection & Officer	24/06/2019 & Shri S. Kartikeya, Jr. Mining Geologist
5	Total Lease Area (Ha) with breakup of non-forest and forest -land	Forest: Nil Non-Forest: 2.96 Ha. Total Lease Area: 2.96 Ha.
6	Mine code	38MPR13040
7	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/5273/2011
8	Name of the Lessee, Address, Phone, email and fax number	Shri Nand Kumar Kumbhkar, Village- Nandini Khundini, Teshsil-Dhamdha, District-Durg, Pin Code- 491001 Email: nkmineral@gmail.com Phone: 0788-2625254/ 9669611277
9	Village	Nandini Khundini
10	Taluka/Mandal	Dhamdha
11	District	Durg
12	Pin code	491001
13	State	Chhattisgarh
14	Post Office	Nandini Nagar
15	Nearest Police Station	Nandini Nagar
16	Nearest Railway Station	Durg
17	Date of Grant of Mining Lease	04/03/1998 to 03/03/2018 (20 Years) 04/03/2018 to 03/03/2048 (30 Years)
18	Date of Execution	04/03/1998
19	Weekly day of rest	Not specified
20	Date of opening of Mine	04/03/1998
21	Date of First Renewal, if applicable and its period & expiry	Not Applicable
22	Date of Second Renewal, if applicable and its period & expiry	Not Applicable
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	Not Applicable
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	Not Appointed

	appointment in mines	
27	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Not Appointed
28	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Not Appointed
29	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Mining Plan approved vide letter no. DRG/LST/MPLN-554/NGP, Dated 12/05/1997 Proposal Period: 1998-99 to 2002-2003
30	Date of Approval of Review/Scheme of Mining/Modified Review/Scheme of Mining with five-year period and specific condition in approval letter, if any.	(i) Scheme of Mining Approved vide letter no. DRG/LST/MPLN-554/NGP, Dated-05/09/2013 Proposal Period: 2013-14 to 2017-18 (ii) Next Review of Mining Plan from 2018-19 has not been submitted by the lessee as per Rule 17(2) of MCDR, 2017.
31	Mineral(s) granted in lease and approved for Mining	Limestone
32	Method of Mining (Opencast, Underground)	Opencast
33	Category (A or B)	Category -A
34	Captive/Non-Captive	Non-Captive
35	Present EC Status	EC not obtained
36	Status of Financial Assurance (Amount and Validity)	Rs. 10,00,000/- valid up to 31/03/2023

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

### 1.0 Exploration:

S.N.	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
1a	Backlog of previous year proposals	No proposal	Nil	No valid approved RMP from F.Y. 2018-19.
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	Nil	
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	No proposal	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	No proposal	Nil	
1e	Balance reserves as on 01.04.2024 (in Tonnes)	Under (122)-300466 Tonne		
1f	General remarks of Inspecting officer on geology, exploration etc.	Mining operations were suspended vide this office letter dated 18.10.2017 as per Rule 11(2) of MCDR 2017.		

### 2.0 Development:

S. N.	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
2a	Location of Development w.r.t. lease area	No proposal	Nil	No valid approved RMP from F.Y. 2018-19.
2b	Separate benches in topsoil overburden and mineral	No proposal	Nil	
2c	Stripping ratio or Ore to OB ratio	No proposal	Nil	
2d	Quantity of topsoil generation in m <sup>3</sup>	No proposal	Nil	
2e	Quantity of overburden generation in m <sup>3</sup>	No proposal	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Mining operation were suspended vide this office letter dated 18.10.2017 as per Rule 11(2) of MCDR 2017.		

### 3.0 Exploitation:

S. N.	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
3a	Number of pits proposed for production	No proposal	Nil	No valid approved RMP from F.Y. 2018-19.
3b	Quantity of ROM mineral production proposed in tonne	No proposal	300 Tonnes	As reported in Monthly Return
3c	Recovery of Salable/usable mineral from ROM production tonne	No proposal	Nil	
3d	Quantity of mineral reject generation tonne	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/Mechanized method adopted for segregation 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 Review of Mining Plan	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 during last five-years period, as Applicable (Tonne)	2019-20: 0.00	2019-20: 0.00	No valid proposal in the form of Review of Mining Plan from FY 2018-19. *As reported in Monthly Return.
		2020-21: 0.00	2020-21: 0.00	
		2021-22: 0.00	2021-22: 0.00	
		2022-23: 0.00	2022-23: 0.00	
		2023-24: 0.00	2023-24:300.00*	
3q	General remarks of inspecting officer on method of mining etc.	Mining operation were suspended vide this office letter dated 18.10.2017 as per Rule 11(2) of MCDR 2017. iii. Illegal/irregular production of limestone from the mine was observed during field inspection on 16.07.2024, for which a letter to the Director, Directorate of Geology and Mining, Govt. of Chhattisgarh has been issued on dated 02.08.2024 to initiate suitable action as deemed fit under the applicable Rule.		

#### **4.0 Solid Waste Management-Dumping:**

S.N.	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	No proposal	Nil	No valid approved RMP from F.Y. 2018-19.
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	No proposal	Nil	
4e	Number of Active & Alive dumps	No proposal	Nil	
4f	Number of dead dumps	No proposal	Nil	
4g	Number of dumps stabilized	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 commends of inspecting officer on waste dump management	Mining operations were suspended vide this office letter dated 18.10.2017 as per Rule 11(2) of MCDR 2017.		

### **5.0 Solid Waste Management-Backfilling:**

S.N.	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	Nil	No valid approved RMP from F.Y. 2018-19.
5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area	No proposal	Nil	
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Mining operations were suspended vide this office letter dated 18.10.2017 as per Rule 11(2) of MCDR 2017.		

### **6.0 Progressive Mine Closer Plan:**

S. N.	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26 (2)	PMCP report to be submitted	PMCP report has not been received	Mining operations were suspended vide this office letter dated 18.10.2017
6b	Management of worked/mined out benches	No proposal	Nil	
	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			
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	No proposal	Nil	
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	No proposal	Nil	
6e	Compliance of Environment monitoring (core zone & buffer zone)	No proposal	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Mining operations were suspended vide this office letter dated 18.10.2017 as per Rule 11(2) of MCDR 2017.		

### **7.0 Mineral Conservation:**

S.N.	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	No proposal	Nil	No valid approved RMP from F.Y. 2018-19.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	Nil	
7c	Different grade of mineral sort out at mine	No proposal	Nil	
7d	Any beneficiation process at mines	No proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mining operations were suspended vide this office letter dated 18.10.2017 as per Rule 11(2) of MCDR 2017.		

### **8.0 Environment:**

S.N.	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
8a	Separate removal and utilization of topsoil	No proposal	Nil	No valid approved RMP from F.Y. 2018-19.
8b	Concurrent use or storage of topsoil	No proposal	Nil	
8c	Separate dumps for overburden waste rock, rejects and fines	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 mine area	Mining operations were suspended vide this office letter dated 18.10.2017 as per Rule 11(2) of MCDR 2017.		

### **9.0 Compliance of Rule 45:**

SN	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	MR being regularly submitted AR not submitted for F.Y. 2023-24		Violation under Rule 45(5) (C) of MCDR 2017 issued on 29.07.2024
<b>S. N.</b>	<b>Item</b>	<b>Details Given in A. R</b>	<b>Observation of I/Officer</b>	<b>Remarks</b>
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Nil	AR not submitted for F.Y. 2023-24. Violation under Rule 45(5)(C) of MCDR 2017 issued on 29.07.2024
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	-do-	-do-	-
9d	Scrutiny of Annual return on afforestation	-do-	-do-	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	-do-	-do-	-
9f	Scrutiny of Annual return on ROM stock and/or grade ore (in Tonne)	-do-	-do-	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	-do-	-do-	-
9i	Scrutiny of Annual return on Fixed assets	-do-	-do-	-
9k	Scrutiny of Annual return on mining Machineries (in Nos.)	-do-	-do-	-

**10- Details of violations observed during current inspection: -**

- i. Mining operations were suspended vide this office letter dated 18.10.2017 as per Rule 11(2) of MCDR 2017.
- ii. For non-submission of Annual Return for the FY 2023-24, violation under Rule 45(5)(C) of MCDR, 2017 has been issued on 29.07.2024.
- iii. Illegal/irregular production of limestone from the aforesaid mine was observed by the undersigned during field inspection on 16.07.2024, for which a letter to the Director, Directorate of Geology and Mining, Govt. of Chhattisgarh has been issued on dated 02.08.2024 to initiate suitable action as deemed fit under the applicable Rule.

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