

## MCDR INSPECTION REPORT

### General:

Sl .No.	Particulars	Details
1	Name of the Mine	Nandini –Khundini Limestone Mine
2	Date of Inspection:	13/06/2022
3	Name of Inspecting Officer & Designation	Dayanand Upadhyay, Sr. ACOM
4	Name of official accompanying inspection	Shri Bhaktulal Ramani, Lessee
5	Last date of Inspection & Officer	26/11/2019, Shri Rudra. N. Mishra, SMG
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non-forest land-3.525 Ha. & Forest land-0.0 Ha. Total = 3.525 Ha.
7	Mine code	38 MPR 13031
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/10125/2012
9	Name of the Lease, Address, Phone, email and fax number	Bhaktu Lal Ramani House No.- 399, Sindhi Colony, Station Road, Post & District – Durg (C.G.) - 491001 Mobile No.- 8839327409, 9691279042 Email Id: blramani7@gmail.com
10	Village	Nandini- Khundini
11	Taluka/Mandal	Dhamdha
12	District	Durg
13	Pin code	490036
14	State	Chhattisgarh
15	Post Office	Nandini Nagar
16	Nearest Police Station	Nandini Nagar
17	Nearest Railway Station	Bhilai Power House
18	Date of Grant of Mining Lease	27/06/1994 to 26/06/2014 (20 years)
19	Date of Execution	27/06/1994, Further Date of agreement for lease period extension: 19/08/2016.
20	Weekly day of rest	Sunday
21	Date of opening of Mine	11/11/1995
22	Date of First Renewal, if applicable and its period & expiry	27/06/2014 to 26/06/2044 (30 years) As per section 8A of MMDR Amendment Act, 2015 the lease period has been extended up to 50 years. Supplementary lease agreement for period has been made.
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	NA
26	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
27	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	NA
28	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Hulash Ram(Mining Engineer) Durg (C.G.) Ph. No.- 8224889975
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Manoj Kumar (Geologist) H.No.-150, Ward-13, Nandini Nagar, District-Durg (C.G. ) 9827968279(m)
30	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	<b>Mining Plan</b> approved vide letter no. DRG/LST/MPLN-286/NGP Nagpur dated 30/07/1993 <b>Modified Mining Plan</b> approved vide letter no. DR/LST/MPLN-286/NGP/2016/30/RPR, Raipur, dated 10/08/2016 Proposal Period: 2016-17 to 2018-19
31	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	<b>Review of Mining Plan</b> approved vide letter no. Durg/LST/Khayo-1222/2019 dated 30/12/2019 Proposal Period: 2019-20 to 2023-24
32	Mineral(s) granted in lease and approved for Mining	Limestone
33	Method of Mining (Opencast, Underground)	Open Cast
34	Category (Fully Mechanized, Others or Manual)	Category "B" (Manual Mine)
35	Captive/Non-Captive	Non Captive
36	Present EC Status	9000 T, EC applied by lessee & matter is pending with State Govt.
37	Status of Financial Assurance	Bank Guarantee of Rs.5,00,000/- valid up to 31/03/2024

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

### 1.0 Exploration:

S.N.	Item	Proposals (2020-21)	Actual Work(2020-21)	Remarks
1a	Backlog of previous year Proposals	02 bore holes	Not done	Mine was closed due to want of EC.
1b	Exploration over lease area for Geological axis 1 or 2.	Under G1 level	Not done	Mine was closed due to want of EC.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not specified.	Not done	Mine was closed due to want of EC.
1d	Balance area to be explored to bring Geological axis in 1 or 2.	G1 level Within 3.525 ha lease area	Not done	Mine was closed due to want of EC.
1e	Balance reserves as on 01.04.2021	372300T	372300T	Balance reserves as on 01.04.2021:372300T
1f	General remarks of Inspecting officer on geology, exploration etc.	Proposed drilling not carried out as Mine was closed due to want of EC.		

### 2.0 Development:

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
2a	Location of Development w.r.t. lease area	W00 to W 200 N00 to N 300	Work not done	Mine was closed due to want of EC.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Separate benches in mineral & OB	Separate benches in mineral & OB	Separate benches in mineral & OB
2c	Stripping ratio or ore to OB ratio	1:0.05	Work not done	Mine was closed due to want of EC.
2d	Quantity of topsoil generation in m <sup>3</sup>	Not proposed	Nil	Nil
2e	Quantity of overburden generation in m <sup>3</sup>	180 cu.m	Nil	Nil
2f	General remarks of Inspecting officer on development of pit w.r.t type of deposit etc.	Mine was closed due to want of EC.		

### 3.0 Exploitation:

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
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3a	Number of pits proposed for production	02 Pits	Work not done	Mine was closed due to want of EC.
3b	Quantity of ROM mineral production proposed	9000 T	Work not done	Mine was closed due to want of EC.
3c	Recovery of Salable/usable mineral from ROM production	8550 T	Work not done	Mine was closed due to want of EC.
3d	Quantity of mineral reject generation	450 T	Work not done	Mine was closed due to want of EC.
3e	Grade of mineral reject generation and threshold value declared	Below 40%CaO Threshold value34% CaO	Nil	Mine was closed due to want of EC.
3f	Quantity of sub-grade mineral generation	Not proposed	Nil	Mine was closed due to want of EC.
3g	Grade of sub-grade mineral generation	Not proposed	Nil	Mine was closed due to want of EC.
3h	Manual/Mechanized method adopted for segregation from ROM	Manual	Nil	Mine was closed due to want of EC.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	
3j	Provision of drilling & blasting in mineral benches	Jack Hammer drilling of 32mm dia and blasting by Emulsion explosive cartridge explosive.	Nil	Mine was closed due to want of EC.
3k	Provision of mining machineries in mineral benches	Manual loading & tractor transport.	Nil	Mine was closed due to want of EC.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Work not done	Mine was closed due to want of EC.
3m	Total area covered under excavation /pits	1.534Ha during plan period.	1.534Ha. covered under pits	Mine was closed due to want of EC.
3n	Ore to OB ratio for the pit/mine during the year	1:0.05	Nil	Mine was closed due to want of EC.
3o	Total area put in use under different heads at the end of year	1.671 Ha.	1.67 Ha.	Mine was closed due to want of EC.
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	9000 T (2019-20)	Nil	Mine was closed due to want of EC
		9000 T (2020-21)	Nil	
		9000 T (2021-22)	Nil	

3q	General remarks of inspecting officer on method of mining etc	Mining operation is closed from 18/03/2015 due to want of EC.
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#### 4.0 Solid Waste Management-Dumping:

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	Separate dumping of OB	Work not done	Mine was closed due to want of EC.
4b	Location of topsoil, OB & mineral reject dumps	Eastern part of lease.	Nil	Mine was closed due to want of EC.
4c	Number of Dumps within lease area and outside lease area	01 dump	Nil	Mine was closed due to want of EC.
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Outside UPL	Nil	Mine was closed due to want of EC.
4e	Number of Active & Alive dumps	01	Nil	Mine was closed due to want of EC.
4f	Number of dead dumps	Not proposed	Nil	Mine was closed due to want of EC.
4g	Number of dumps established	Not proposed	Nil	Mine was closed due to want of EC.
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	Nil	Mine was closed due to want of EC.
4i	Length of Retaining wall or garland drain all along dump	Not proposed	Nil	Mine was closed due to want of EC.
4j	Number of settling ponds	Not proposed	Nil	
4k	Specific comments of inspecting officer on waste dump management	Mining operation is closed from 18/03/2015 due to want of EC.		

#### 5.0 Solid Waste Management-Backfilling:

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed	NA	
5b	Area under backfilling of mined out area	Not proposed	Nil	Mine was closed due to want of EC.
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed	Nil	Mine was closed due to want of EC.

5d	Total area fully reclaimed & rehabilitated	Not proposed	Nil	Mine was closed due to want of EC.
5e	General remarks of inspecting officer on backfilling, reclamation etc	Mining operation is closed from 18/03/2015 due to want of EC.		

### 6.0 Progressive Mine Closer Plan:

S.N .	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly- Rule 26 (2)	As per provision of MCDR 2017.	The annual report on PMCP is submitted .	The annual report on PMCP is submitted .
6b	Management of worked/mined out benches	Not proposed	Nil	Mine was closed due to want of EC.
	Area available for rehabilitation (Ha)	Not proposed	Nil	Mine was closed due to want of EC.
	Afforestation done (ha)	Not proposed	Nil	Mine was closed due to want of EC.
	No. of saplings planted during the year	Not proposed	Nil	Mine was closed due to want of EC.
	Cumulative no. of plants	Not proposed	Nil	Mine was closed due to want of EC.
	Any other specific method of rehabilitation	Not proposed	Nil	Mine was closed due to want of EC.
	Cost incurred on watch & care during the year	Not specified.	Nil	Mine was closed due to want of EC.
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	Not proposed	Nil	Mine was closed due to want of EC.

	Any other specific means			
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	200 no. of plantation	300 no. of plantation	Mine was closed due to want of EC.
6e	Compliance of Environment monitoring (core zone & buffer zone)	Not specified.	Nil	Mine was closed due to want of EC.
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Mining operation is closed from 18/03/2015 due to want of EC.		

### **7.0 Mineral Conservation:**

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM Mineral dispatch	Nil	Mine was closed due to want of EC.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	ROM Mineral dispatch	Nil	Mine was closed due to want of EC.
7c	Different grade of mineral sort out at mine	ROM Mineral dispatch	Nil	Mine was closed due to want of EC.
7d	Any beneficiation process at mines	Not Proposed	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mining operation is closed from 18/03/2015 due to want of EC.		

### **8.0 Environment:**

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not proposed	Nil	Mine was closed due to want of EC.
8b	Concurrent use or storage of topsoil	Not proposed	Nil	Mine was closed due to want of EC.
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	OB dump Proposed	Nil	Mine was closed due to want of EC.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Nil	Mine was closed due to want of EC.

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Nil	Mine was closed due to want of EC.
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Not proposed	Nil	Mine was closed due to want of EC.
8g	Survival rate	Not proposed	Nil	Mine was closed due to want of EC.
8h	Water sprinkling on roads to control airborne dust	Not proposed	Nil	Mine was closed due to want of EC.
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Mining operation is closed from 18/03/2015 due to want of EC.		

### 9.0 Compliance of Rule 45:

S N	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	AR & MR submitted regularly.		AR & MR submitted regularly.
S N	Item	Details Given in A.R.	Observation of I/Officer	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Part time Mining Engineer	Part time Mining Engineer	Part time Mining Engineer
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern in AR	Found in order	Found in order
9d	Scrutiny of Annual return on afforestation	300 no. of plantation	300 no. of plantation	300 no. of plantation
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or grade ore	ROM closing stock- 2065.370T	ROM closing stock- 2065.370T	ROM closing stock- 2065.370T
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Nil	Nil	Nil
9i	Scrutiny of Annual return on Fixed assets	Rs 37000000/-	As furnished in AR	Value not ascertained.
9k	Scrutiny of Annual return on mining Machinerics	Crusher	Crusher	Crusher



**10-** Details of violations observed during inspection and the compliance status.

No violation observed during inspection.

Date: 05/07/2022

Signature:  
Name: (D. Upadhyay)  
Designation: Sr. ACOM