

MCDR INSPECTION REPORT 2020-21

1.0 GENERAL

Sl .No.	Particulars	Details
	File No.	CHG/DRG/LST-38CHG05008
1	Name of the Mine	Nandini Khundini Limestone Mine
2	Date of Inspection:	22/12/2021 (MPI)
3	Name of Inspecting Officer	Shri Rudra Narayan Mishra (Senior Mining Geologist)
4	Name of official accompanying inspection	Shri Gamliel Kachhap, Mine Manager
5	Last date of Inspection & Officer	10/01/2020, Shri R. K. Das (DCOM)
6	Total Lease Area (Ha) with breakup of non-forest and forest land	Forest: NIL Non-forest: 1.45 Ha. Total Lease Area: 1.45 Ha.
7	Mine code	38CHG05008
8	IBM Registration Number under rule 45 of MCDR, 1988	IBM/5683/2011
9	Name of the Lease, Address, Phone, email and fax number	Shri Hemant Kumar Sahu S/o Shri Jageshwar Sahu, Village: Chikhali, P.O. Jewara Sirsa, District: Durg (Chhattisgarh) – 491001 Phone: +91 (0) 9424100567 Email: hksgurg@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	Durg
18	Date of Grant of Mining Lease	07/05/1999 07/05/1999 in name of M/S Swastik transporter, prop Shri Rajesh Dhody and trans in the name of Shri Hemant Sahu on 21/12/2006.
19	Date of Execution	21/12/2006
20	Weekly day of rest	Sunday
21	Date of opening of Mine	21/12/2006
22	Date of First Renewal, if applicable and its period & expiry	Lease period extended for fifty years 07/05/2019 to 06/05/2049 on dated 06/07/2021.
23	Date of Second Renewal, if applicable and its period & expiry	Not Applicable

24	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
25	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Not appointed
26	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Not appointed
27	Name of the Mine Manager with Address, phone, email, fax number and date of appointment in mines	Shri Gamliel Kachhap Address: Village: Chikhali, P.O. Jewara Sirsa, District: Durg (Chhattisgarh) – 491001 Phone: +91 (0) 9424100567 Email: hksgurg@gmail.com Date of appointment: 01/09/2014
28	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Gamliel Kachhap Qualification: B.E. (Mining) Experience: +18 years Address: Village: Chikhali, P.O. Jewara Sirsa, District: Durg (Chhattisgarh) 491001. Phone: +91 (0) 9424100567 Email: hksgurg@gmail.com Date of appointment: 01/09/2014
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Gamliel Kachhap- Mining Engineer Shri Naveen Kumar Tamrakar- Geologist
30	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-646/NGP Nagpur dated 12/08/1998, Proposal Period: 1999-2000 to 2003-04 Modified Mining Plan approved vide letter no. - Durg/Chup/khyo 2015/9-Raipur/218,Raipur dated 22/07/2016, Proposal Period: 2016-17 to 2018-19 Lapse Period: 2014-15 to 2015-16 (2 years)
31	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	Review of Mining Plan approved Vide Letter No Durg/Chup/khyo 1308/2021-Raipur dated 23/02/2022, Proposal Period: 2021-22 to 2023-24 Lapse Period: 2019-20 to 2020-21 (2 years) Mines suspended from 25/03/2019 Revocation of Order of Suspension of mining operations dated 04/03/2022.
32	Mineral(s) granted in lease and approved for Mining	Limestone
33	Method of Mining (Opencast, Underground)	Opencast
34	Category (Fully Mechanized, Others or Manual)	Category-A, Mechanized
35	Captive/Non-Captive	Non-Captive

36	Present EC Status	25000 Metric Tons per year. Letter no 1431/SEAC-CG/Mining/526, Nava Raipur Atal Nagar dated- 17/11/2020
38	Status of Financial Assurance	Rs. 10,00,000/- valid up to 31/03/2024

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

1.0 Exploration

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
1a	Backlog of previous year	Lapsed period no valid mining plan during this year	Not applicable	
1b	Exploration over lease area for Geological axis 1 or 2.	Lapsed period no valid mining plan during this year	Not applicable	Entire lease area of 1.45 ha explored under G1 category
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Lapsed period no valid mining plan during this year	Not applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Lapsed period no valid mining plan during this year	Not applicable	Entire lease area of 1.45ha explored under G1 category
1e	Balance reserves as on 01.04.2021	1,80,750 T		
1f	General remarks of inspecting officer on geology, exploration etc.	Entire lease area of 1.45 ha explored under G1 category. Mines was suspended from 25/03/2019 & Revocation of Order of Suspension of mining operations dated 04/03/2022.		

2.0 Development

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
2a	Location of development w.r.t. lease area (Range in UTM/Local Coordinate/Plot No./Location)	Lapsed period no valid mining pan during this year	Not applicable	Mines was suspended from 25/03/2019
2b	Separate benches in topsoil, overburden and mineral (Rule 13)	Lapsed period no valid mining pan during this year	Not applicable	
2c	Stripping ratio or ore to OB ratio	Lapsed period no valid mining pan during this year	Not applicable	
2d	Quantity of topsoil generation in m3	Lapsed period no valid mining pan during this year	Not applicable	
2e	Quantity of overburden generation in m3	Lapsed Lapsed period no valid	Not applicable	

		mining plan during this year period no valid mining pan during this year		
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Nil development due to not having valid mining plan during this year. Mines was suspended from 25/03/2019.		

3.0 Exploitation

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
3a	Number of pits proposed for production	Lapsed period no valid mining plan during this year	Not applicable	
3b	Quantity of ROM mineral production proposed	Lapsed period no valid mining plan during this year	Not applicable	
3c	Recovery of salable/usable mineral from ROM production	Lapsed period no valid mining plan during this year	Not applicable	
3d	Quantity of mineral reject generation	Lapsed period no valid mining plan during this year	Not applicable	
3e	Grade of mineral reject generation and threshold value declared	Lapsed period no valid mining plan during this year	Not applicable	
3f	Quantity of sub-grade mineral generation	Lapsed period no valid mining plan during this year	Not applicable	
3g	Grade of sub-grade mineral generation	Lapsed period no valid mining plan during this year	Not applicable	
3h	Manual / Mechanised method adopted for segregating from ROM	Lapsed period no valid mining plan during this year	Not applicable	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Lapsed period no valid mining plan during this year	Not applicable	
3j	Provision of drilling & blasting in mineral benches	Lapsed period no valid mining plan during this year	Not applicable	
3k	Provision of mining machineries in mineral benches	Lapsed period no valid mining plan during this year	Not applicable	
3l	Whether height of benches in overburden and mineral suitable for method of	Lapsed period no valid mining plan during this year	Not applicable	

	mining proposed in MP/SOM			
3m	Total area covered under excavation/pits	Lapsed period no valid mining plan during this year	Not applicable	
3n	Ore to OB ratio for the pit/mine during the year	Lapsed period no valid mining plan during this year	Not applicable	
3o	Total area put in use under different heads at the end of year	Lapsed period no valid mining plan during this year	Not applicable	
3p	Production of ROM mineral during last five-year period, as applicable (in Metric Tonnes)	2016-17: 20250 T 2017-18: 21000 T 2018-19: 24750 T 2019-20: Lapsed year 2020-21: Lapsed year	2016-17: Nil 2017-18: Nil 2018-19: Nil 2019-20: Nil 2020-21: Nil	Mines was suspended from 25/03/2019
3q	General remarks of inspecting officer on method of mining etc.	Mines was suspended from 25/03/2019 & Revocation of Order of Suspension of mining operations dated 04/03/2022.		

4.0 Solid Waste Management-Dumping

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	Lapsed period no valid mining plan during this year	Not applicable	
4b	Location of topsoil, OB & mineral reject dumps (Range in UTM/Local Coordinate/Plot No./Location)	Lapsed period no valid mining plan during this year	Not applicable	
4c	Number of dumps within lease area and outside lease area	Lapsed period no valid mining plan during this year	Not applicable	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 14)	Lapsed period no valid mining plan during this year	Not applicable	
4e	Number of active & alive dumps	Lapsed period no valid mining plan during this year	Not applicable	
4f	Number of dead dumps	Lapsed period no valid mining plan during this year	Not applicable	
4g	Number of dumps stabilised	Lapsed period no valid mining plan during this year	Not applicable	
4h	Whether Retaining wall or garland drain all along dumps are there	Lapsed period no valid mining plan during this year	Not applicable	

4i	Length of Retaining wall or garland drain all along dump	Lapsed period no valid mining plan during this year	Not applicable	
4j	Number of settling ponds	Lapsed period no valid mining plan during this year	Not applicable	
4k	Specific comments of inspecting officer	No top soil and OB generated during the year due to not having valid mining plan during this year. Mines was suspended from 25/03/2019 & Revocation of Order of Suspension of mining operations dated 04/03/2022.		

5.0 Solid Waste Management-Backfilling

SN	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	Lapsed period no valid mining plan during this year	Not applicable	
5b	Area under backfilling of mined out area	Lapsed period no valid mining plan during this year	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	Lapsed period no valid mining plan during this year	Not applicable	
5d	Total area fully reclaimed & rehabilitated	Lapsed period no valid mining plan during this year	Not applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	Area is not matured for back filling and not having valid mining plan during this year. Mines was suspended from 25/03/2019		

6.0 Progressive Mine Closure 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). Details should be given in the format as given in Annexure-20	Lapsed period no valid mining plan during this year	Not applicable	Mines was suspended from 25/03/2019
6b	Management of worked/mined out benches	Lapsed period no valid mining plan during this year	Not applicable	
	Area available for rehabilitation (Ha)	Lapsed period no valid mining plan during this year	Not applicable	

	Afforestation done (ha)	Lapsed period no valid mining plan during this year	Not applicable	
	No. of saplings planted during the year	Lapsed period no valid mining plan during this year	Not applicable	
	Cumulative no. of plants	Lapsed period no valid mining plan during this year	Not applicable	
	Any other specific method of rehabilitation	Lapsed period no valid mining plan during this year	Not applicable	
	Cost incurred on watch & care during the year	Lapsed period no valid mining plan during this year	Not applicable	
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	Lapsed period no valid mining plan during this year	Not applicable	
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	Lapsed period no valid mining plan during this year	Not applicable	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Lapsed period no valid mining plan during this year	Not applicable	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Not having valid mining plan during this year. Mines was suspended from 25/03/2019		

7.0 Mineral Conservation

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Lapsed period no valid mining plan during this year	Not applicable	
7b	Method of grade-wise mineral sorting i.e., manual or mechanical	Lapsed period no valid mining plan during this year	Not applicable	
7c	Different grade of mineral sorted out at mines	Lapsed period no valid mining plan during this year	Not applicable	
7d	Any beneficiation process at mines	Lapsed period no valid mining plan during this year	Not applicable	

7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Not having valid mining plan during this year. Mines was suspended from 25/03/2019
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8.0 Environment

SN	ITEM	PROPOSALS (2020-21)	ACTUAL WORK (2020-21)	REMARKS
8a	Separate removal and utilization of topsoil (Rule 36)	Lapsed period no valid mining plan during this year	Not applicable	
8b	Concurrent use or storage of topsoil	Lapsed period no valid mining plan during this year	Not applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Lapsed period no valid mining plan during this year	Not applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Lapsed period no valid mining plan during this year	Not applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Lapsed period no valid mining plan during this year	Not applicable	
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	Lapsed period no valid mining plan during this year	Not applicable	
8g	Survival rate	Lapsed period no valid mining plan during this year	Not applicable	
8h	Water sprinkling on roads to control airborne dust	Lapsed period no valid mining plan during this year	Not applicable	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Not having valid mining plan during this year. Mines was suspended from 25/03/2019		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to – Feb 2022 A.R. submitted up to- F.Y. 2020-21	Nil

S. N.	Item	Details given in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Shri G. Kachhap Geologist: Shri Naveen Kumar Tamrakar Manager: Shri G. Kachhap	Geologist: Intimation of appointment of Geologist not submitted	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit: 1.45 Ha. OB/Waste: NIL Others: NIL.	Pit- 1.45 Ha. Waste/reject-0.0 Ha. Others- 0.00 Ha.	
9d	Scrutiny of Annual return on afforestation	Within lease area- NIL	NIL	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	No mineral reject has been Generated during F.Y. 2020-21	No rejects	Mines was suspended from 25/03/2019
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Opening- 11044.450 T Production-0.00 T Closing-11044.50T	NIL Production	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale Value: Rs. 0.00 Ex. Mine Price: Rs. 0.00 Per Metric Tonne Cost of Production: Rs. 0.00 Per Metric Tonne	Mines was suspended from 25/03/2019	
9i	Scrutiny of Annual return on fixed assets	Fixed Asset: Rs. 0.00	Nil	
9k	Scrutiny of Annual return on mining machineries	Nil	Nil	

10) (a) Details of violations observed during current inspection:- Mines was Suspended no Violation pointed during this inspection. Nil Production reported.

(b) Compliance position of earlier violation pointed out: - The earlier violations have been complied.

Date: 06/04/2022

Name: Rudra N Mishra,
Designation: Senior Mining Geologist