

MCDR INSPECTION REPORT 2020-21

General:

Sl .No.	Particulars	Details
1	Name of the Mine	Bhalukone Limestone Mine
2	Date of Inspection:	16/12/2021
3	Name of Inspecting Officer	Prasant Kumar Sahu, Asst. Mining Engineer
4	Name of official accompanying inspection	Shri Saurabh Agrawal, Mine Owner
5	Last date of Inspection & Officer	17/09/2019 & Shri S. Kartikeya, Jr. Mining Geologist
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest: NIL Non-Forest: 2.785 Ha. Total Lease Area: 2.785 Ha.
7	Mine code	38CHG14022
8	IBM Registration Number under rule 45 of MCDR,1988	IBM/10758/2012
9	Name of the Lease, Address, Phone, email and fax number	Shri Saurabh Agrawal S/o Shri Gopal Agrawal C-66, Sector 4, Devendra Nagar, Raipur (Chhattisgarh) – 492004 Phone: +91 (0) 771 – 4240004 Email: kapil.mining@yahoo.in kapilmining@gmail.com
10	Village	Bhalukona
11	Taluka/Mandal	Tehsil: Palari
12	District	Balodabazar
13	Pin code	493228
14	State	Chhattisgarh
15	Post Office	Palari
16	Nearest Police Station	Palari
17	Nearest Railway Station	Bhatapara
18	Date of Grant of Mining Lease	22/07/1987 to 21/07/2007 (20 years) Old Lessee: Shri G. H. Memon
19	Date of Execution	22/07/2007
20	Weekly day of rest	Sunday
21	Date of opening of Mine	03/12/1990
22	Date of First Renewal, if applicable and its period & expiry	22/07/2007 to 21/07/2027 (20 years) Supplementary lease agreement for extended period as per Section 8A of MMDR Amendment Act 2015 has not been made.
23	Date of Second Renewal, if applicable and its period & expiry	Initially Mining lease has been granted to Shri G. H. Memon and was executed on 22/07/1987. Later on Mining Lease has been transferred from Shri G. H. Memon to Shri Akheraj Lunia on 10/05/1990 vide Government of

		Madhya Pradesh Order no. 3-20/90/12/3 Bhopal dated 10/05/1990. Thereafter Mining lease has been transferred from Shri Akheraj Lunia to Shri Saurabh Agrawal on 16/04/2003
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	Not appointed
28	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Not appointed
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Not appointed
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. RAP/LST/MPLN-141/NGP Nagpur dated 14/09/1990, Proposal Period: 1991-1992 to 1995-96. Mining Plan approved vide letter no. RAP/LST/MPLN-141/NGP Nagpur dated 04/10/2012, Proposal Period: 2007-08 to 2011-12. Modified Mining Plan approved vide letter no. BBZR/LST/MPLN-1106/2017/RPR Raipur dated 18/08/2017, Proposal Period: 2017-18 to 2021-22. Final Mine Closure Plan- Draft FMCP for full area i.e. 2.785 ha submitted and the same is under process.
31	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five- year period and specific condition in approval letter, if any.	Scheme of Mining Approved vide letter no. RAP/LST/MPLN-141/NGP Nagpur dated 29/06/1998, Proposal Period: 1996-97 to 2000-01 Scheme of Mining approved vide letter no. RAP/LST/MPLN-141/NGP Nagpur dated 16/09/2013, Proposal Period: 2012-13 to 2016-17 Lapse Period: 2001-02 to 2006-07 (5 Years)
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' Fully Mechanised
35	Captive/Non-Captive	Non - Captive
36	Present EC Status	Not obtained
37	Status of Financial Assurance	Rs. 10,00,000/- (Rupees Ten Lakhs Only) vide BG No. 0182IGFIN000417 dated 31/07/2019 valid up to 31/03/2022

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	2017-18: 02 nos. of boreholes with cumulative depth of 50.0 meters. 2020-21- Nil	None of the boreholes have been drilled so far.	Violation or Rule 11(1) of MCDR, 2017 is pointed out
1b	Exploration over lease area for Geological axis 1 or 2.	G1 : 2.785 Ha	G2-2.785 ha	Entire lease area of 2.785 ha explored under G2 category up to 244 mRL through quarry development and one vertical borehole.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not mentioned in the approved document.	Not Applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	2.785 Ha	No boreholes have been drilled so far.	
1e	Balance reserves as on 01.04.2021	Under (122): 810000 Tonnes Under (222): 830700 Tonnes		
1f	General remarks of Inspecting officer on geology, exploration etc.	Entire lease area of 2.785 ha explored under G2 category up to 244 mRL through quarry development and one vertical borehole. No exploration as proposed has been carried out to cover the balance area of 2.785 ha.		

2.0 Development:

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
2a	Location of Development w.r.t. lease area	In between local coordinates S75 to S268 and E-5 to E85	In between local coordinates S75 to S268 and E-5 to E85	As per proposal
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Topsoil: NIL OB/Waste: NIL Mineral: 02 nos.	Could not be ascertained as the quarry was completely water logged up to the present ground level.	
2c	Stripping ratio or ore to OB ratio	1:0.0	No mining	Mining operation

			operation observed	temporarily discontinued since 01/06/2018
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 Mine is temporarily discontinued due to lack of Environment Clearance (EC) since 01/06/2018.		

3.0 Exploitation:

S.N	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
3a	Number of pits proposed for production	01 no.	Not done	No work done due to lack of EC
3b	Quantity of ROM mineral production proposed	75000.00 Tonnes	Nil	-do-
3c	Recovery of Salable/usable mineral from ROM production	100%	Nil	-do-
3d	Quantity of mineral reject generation	No mineral reject generation envisaged during plan period.	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not mentioned in the approved document.	Not Applicable	
3f	Quantity of sub-grade mineral generation	No mineral subgrade will be generated during plan period.	Nil	
3g	Grade of sub-grade mineral generation	Not mentioned in the approved document.	Not Applicable	
3h	Manual/Mechanized method adopted for segregation from ROM	No Proposal	Not required	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No beneficiation study proposed	No beneficiation study carried out	
3j	Provision of drilling & blasting in mineral benches	Yes Wagon Drill Dia: 80.0 mm Spacing: 2.5 m Burden: 2.0 m Depth: 3.0 m	Nil	Mine is temporarily discontinued due to lack of Environment Clearance since 01/06/2018
3k	Provision of mining machineries in mineral benches	Wagon Drill-1 Excavator- 02 Dumpers- 18 Water Tanker-1	Nil	-do-
3l	Whether height of benches in	Topsoil: NIL	Could not be	

	overburden and mineral suitable for method of mining proposed in MP/SOM	OB/Waste: NIL Ore/Mineral: 3.0 – 4.0 m	ascertained as the only quarry was completely water logged during inspection.	
3m	Total area covered under excavation /pits	2.540 Ha. up to end of plan period.	2.540 Ha. up to end of 2020-21	
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	Mine is temporarily discontinued due to lack of Environment Clearance since 01/06/2018	
3o	Total area put in use under different heads at the end of year	Pit- 2.540 Ha. up to end of plan period.	Pit- 2.540 Ha. up 2020-21.	
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2016-17- 80355 T	2016-17- 67550.97 T	Nil production reported since last three years as mining operation temporarily discontinued since 01/06/2018
		2017-18-75000 T	2017-18- 23800 T	
		2018-19-75000 T	2018-19- 6500 T	
		2019-20-75000 T	2019-20-0 T	
		2020-21-75000 T	2020-21-0 T	
3q	General remarks of inspecting officer on method of mining etc	The mine is temporarily discontinued due to lack of Environment Clearance since 01/06/2018.		

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)	No Proposal	Nil	No topsoil and OB generated during the year
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 established	No Proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	No Proposal	Not applicable	
4i	Length of Retaining wall or garland drain all along dump	No Proposal	Not applicable	
4j	Number of settling ponds	No Proposal	Not applicable	

4k	Specific comments of inspecting officer on waste dump management	No topsoil and OB generated during the year as the mining operation is temporarily discontinued due to lack of Environment Clearance since 01/06/2018.
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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	No Proposal	Not applicable	Area is not matured for backfilling
5b	Area under backfilling of mined out area	No Proposal	Not applicable	-do-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	Not applicable	No topsoil generation
5d	Total area fully reclaimed & rehabilitated	No Proposal	Not applicable	No area is mined out
5e	General remarks of inspecting officer on backfilling, reclamation etc	No proposal for backfilling and reclamation during this year and the area is not matured for backfilling.		

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). Details should be given in the format as given in Annexure-20	PMCP report to be submitted	PMCP report not submitted	Violation of Rule 26(2) of MCDR,2017 is pointed out.
6b	Management of worked/mined out benches	No Proposal	Nil	No area is mined out
	Area available for rehabilitation (Ha)	No Proposal	Nil	-do-
	Afforestation done (ha)	Not envisaged in the approved document.	Nil	
	No. of saplings planted during the year	No Proposal	Nil	
	Cumulative no. of plants	Not envisaged in the approved document.	Nil	
	Any other specific method of rehabilitation	No Proposal	Nil	
	Cost incurred on watch & care during the year	No Proposal	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	No Proposal	Nil	No area is matured for backfilling

	Rehabilitation by making water reservoir Any other specific means			
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	Not envisaged in the approved document.	Nil	No waste dump is matured
6e	Compliance of Environment monitoring (core zone & buffer zone)	Proposal has been given in the approved document for regular monitoring of environmental parameters.	Not done	Mine is temporarily discontinued due to lack of Environment Clearance since 01/06/2018
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	PMCP report for the financial year is not submitted. Violation of Rule 26(2) of MCDR, 2017 is pointed out.		

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	No Proposal	The Mine is temporarily discontinued since 01/06/2018 due to lack of Environment Clearance.	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not envisaged in the approved document.	Not applicable	
7c	Different grade of mineral sort out at mine	No proposal	Not applicable	
7d	Any beneficiation process at mines	No Proposal	Not applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The Mine is temporarily discontinued since 01/06/2018 due to lack of Environment Clearance.		

8.0 Environment:

S.N.	Item	Proposals (2020-21)	Actual Work (2020-21)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Not envisaged in the approved document.	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 (Rule 41)	No proposal	Nil	
8g	Survival rate	No proposal	Nil	
8h	Water sprinkling on roads to control airborne dust	Proposal has been given in the approved document for water sprinkling through water tanker.	Nil	Nil production reported since last three years as mining operation is temporarily discontinued since 01/06/2018
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	The Mine is temporarily discontinued since 01/06/2018 due to lack of Environment Clearance.		

9.0 Compliance of Rule 45:

S N	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	MR submitted up to Dec-2021		
		AR submitted up to 2020-21		
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	Mining Engineer: Not appointed. Geologist: Not appointed. Manager: Shri Sanjay Sopanrao Chinchole	During inspection the Mining Engineer, Geologist and Manager were not present	The Mine is temporarily discontinued since 01/06/2018 due to lack of Environment Clearance.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil reported	Pit- 2.540 Ha. up to end of plan period as per the approved document.	Violation of Rule 45(5) (C) of MCDR,2017 is pointed out.
9d	Scrutiny of Annual return on afforestation	Within lease area- Nil	Not planted any tree as the mine is not under operation since	

			more than three years.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	No mineral reject has been generated during F.Y. 2020-21	Not applicable.	Not envisaged in approved document
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Opening-976.16 T Production-0 T Closing-976.16 T	Stock is reportedly stacked on quarry bottom.	The quarry is water logged and stock position could not be ascertained.
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Nil dispatch of mineral in the financial year	Report as per Annual Return	
9i	Scrutiny of Annual return on Fixed assets	Rs. 1850000/-	As per estimated market value	Appears to be correct
9k	Scrutiny of Annual return on mining Machineries	1. Air compressor-1 no 2. Tipper-1 no.	Not observed in mine	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-

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11(1)	The following violations have been found in the mine from approved Modified Mining Plan vide letter no. BBZR/LST/MPLN-1106/2017- RAIPUR dated 18.08.2017 for the period of 2017-18 to 2021-22. i) During the year 2017-18; It was proposed to carry out 02 nos. of core bore holes up to a cumulative depth of 50 meters; whereas, no boreholes have been drilled so far. ii) During the year 2017-18; there was a proposal given for backfilling at 7.5 meter barrier zone along lease boundary in between local co-ordinates S25 to S267 and E00 to E20. Whereas, backfilling has not been done so far.
26(2)	A yearly report as per the format specified by the Indian Bureau of Mines, before 1st day of July every year setting forth the extent of protective and rehabilitative works carried out as envisaged in the approved mine closure plan has not been submitted for the year 2020-21.
45(5)(C)	While scrutiny of annual return for financial year 2020-21 following discrepancies are observed; i) At part – I of table no. 12, the lease area (surface area) utilization at the end of the year has not been furnished. ii) At part – III of table no. 2 (Royalty and Rents), the payment made to the State Govt. under the heads of Dead Rent & Surface Rent have not been mentioned.

Date of previous inspection by Shri S. Kartikeya, Jr. Mining Geologist on 17.09.2019, violation of Rule 11(1), 26 (2), 33, 35 and 45(5)(C) MCDR, 2017 were pointed out. The violations of rule 11(1) have not been rectified.

Date: 16/02/2022

Name: Prasant Kumar Sahu
Designation: Assistant Mining Engineer