

MCDR INSPECTION REPORT 2022-23**General:**

Sl .No.	Particulars	Details
1	Name of the Mine	Mopar Limestone Mine
2	Date of Inspection:	14-11-2023
3	Name of Inspecting Officer	Prasant Kumar Sahu, Assistant Mining Engineer
4	Name of official accompanying inspection	Shri Shashank Agrawal, Representative of lessee Shri Shalabh Saha, Qualified Person
5	Last date of Inspection & Officer	25-01-2023 & Shri Deepak Chinckhade, ACOM
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest: 0.0 Ha. Non-Forest: 13.25 Ha. Total Lease area: 13.25 Ha.
7	Mine code	38CHG14018
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/14283/2012
9	Name of the Lessee, Address, Phone, email and fax number	Shri Kapil Agrawal S/o Shri Kedar Agrawal, C-66, Sector 4, Devendra Nagar, Raipur District: Raipur (Chhattisgarh)-492004 Phone:0771-424004 Email: kapilmining@gmail.com / kapil.mining@yahoo.in
10	Village	Mopar
11	Taluka/Mandal	Tehsil: Bhatapara, District: Balodabazar
12	District	Balodabazar
13	Pin code	493 331
14	State	Chhattisgarh
15	Post Office	Mopar
16	Nearest Police Station	Sohela
17	Nearest Railway Station	Bhatapara 25 Km
18	Date of Grant of Mining Lease	03/10/2002 to 02/10/2022 (20 Years)
19	Date of Execution	03/10/2002
20	Weekly day of rest	Sunday
21	Date of opening of Mine	03/01/2004
22	Date of First Renewal, if applicable and its period & expiry	29/08/2019 for the period 03/10/2022 to 02/10/2052
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

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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 55 & carrying out their duties as per rule 56 & 57.	Not appointed
30	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Modified Mining Plan approved vide letter no. BALODA/LIMESTONE/MMP/1195/2018/RAIPUR dated 29.03.2019 Proposal Period: 2019-20 to 2023-24
31	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.	-
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)	Fully Mechanized (Category-A)
35	Captive/Non-Captive	Non-Captive
36	Present EC Status	2,00,212.00 Metric Tonnes
37	Status of Financial Assurance (Amount and Validity)	Rs. 26,77,500/- Valid up to 31.03.2024 and subsequently new BG submitted for an amount Rs.47,90,000 valid up to 31.03.2029

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

1.0 Exploration:

Sl. No.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
1a	Backlog of previous year proposals	Nil	Nil	No backlog for the previous year
1b	Exploration over lease area for Geological axis 1 or 2.	04 Nos.	Nil	The mining operation was mostly non-operational due to lack of market demand during the financial year.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not specified	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2.	Nil	Nil	Entire lease area explored under G1 level as per the approved Modification of Mining Plan

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1e	Balance reserves as on 01.04.2023 (in Million Tonnes)	Under (111)- 3620671 Tonnes	As per the submitted Annual Return
1f	General remarks of Inspecting officer on geology, exploration etc.	The mining operation was mostly non-operational due to lack of market demand during the financial year. The back log exploration proposals during this planned period have been reviewed in the recently approved Review of Mining Plan wherein 07 nos. boreholes were proposed during the FY 2024-25.	

2.0 Development:

Sl. No.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
2a	Location of Development w.r.t. lease area	Development proposed in one pit namely Pit No.01	Carried out with in the proposed area	The mining operation was mostly non-operational due to lack of market demand during the financial year
2b	Separate benches in topsoil, overburden and mineral	No proposal	Nil	
2c	Stripping ratio or ore to OB ratio	1:0.0	1:0.0	No generation of waste/OB
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.	Production and development were carried out within the proposed areas as per the approved plans.		

3.0 Exploitation:

S. N.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
3a	Number of pits proposed for production	01 no.	01 no.	
3b	Quantity of ROM mineral production proposed in tonne	199500 Tonnes	370 Tonnes	Due to lack of market demand
3c	Recovery of Salable/usable mineral from ROM production tonne	95 %	95 %	
3d	Quantity of mineral reject generation tonne	10500 Tonnes	Nil	No generation of mineral rejects
3e	Grade of mineral reject generation and threshold value declared	Not specified	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	No proposal	Nil	Blasted material from

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	adopted for segregation from ROM			the mine is being directly sold to the consuming industries.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	No such study carried	
3j	Provision of drilling & blasting in mineral benches	Dia: 100 mm Spacing: 2.8 m Burden: 2.7 m Depth: 6.0 m	Carried out as proposed	
3k	Provision of mining machineries in mineral benches	Dumper and Excavator combination proposed	Carried out as proposed	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, Height of Ore bench-6 m	Bench height and width have been maintained	
3m	Total area covered under excavation /pits	5.640 Ha up to end of RMP period 2023-24	About 3.10 Ha. up to end of 2022-23	As per the recently approved RMP dated 08.05.2024.
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	1:0.0	No generation of OB/Waste
3o	Total area put in use under different heads at the end of year	8.925 Ha. up to end of RMP period 2023-24	About 3.20 Ha. up to end of 2022-23	As per the recently approved RMP dated 08.05.2024.
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2018-19: 200925	2018-19: 35205	(All units in MT) As per AR submitted
		2019-20: 199500	2019-20:130	
		2020-21: 199500	2020-21:520	
		2021-22: 199500	2021-22:560	
		2022-23: 199500	2022-23:370	
3q	General remarks of inspecting officer on method of mining etc.	Less mineral production against the proposal due to lack of market demand for which the mine was mostly non-working during the plan period.		

4.0 Solid Waste Management-Dumping:

S.N.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	No proposal	Nil	
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	No major dump was observed

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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 established	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 on waste dump management	No topsoil and OB/Waste were generated during the year. No waste dump was observed during the inspection.		

5.0 Solid Waste Management-Backfilling:

S.N.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	Nil	No area has been exhausted fully for carrying out backfilling
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	Not applicable	
5d	Total area fully reclaimed & rehabilitated	No proposal	Not applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc.	Mineral has not been exhausted fully & thus no proposal was given for backfilling.		

6.0 Progressive Mine Closer Plan:

S. N.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26 (2)	To be submitted before 01st July every year	PMCP report received in time	Annual Report submitted on 27.04.2023
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			

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	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	No area has matured for reclamation and rehabilitation purposes
6d	Compliance of Rehabilitation of waste land within lease i. Afforestation ii. Area rehabilitation (ha) iii. Method of rehabilitation	No proposal	80 Nos. saplings @ 20 % survival	
6e	Compliance of Environment monitoring (core zone & buffer zone)	No proposal	Nil	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations			

7.0 Mineral Conservation:

S.N.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	ROM mineral despatch	Nil	No dispatch reported
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal		
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	No beneficiation process was proposed within the lease area and the total ROM was proposed to dispatch directly to the consumer. Nil mineral dispatch reported during the reporting year.		

8.0 Environment:

S.N.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
8a	Separate removal and utilization of topsoil	No proposal	Nil	No generation of topsoil as mining operation was mostly

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				non-operational due to lack of market demand during the planned period
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	80 Nos. saplings	
8g	Survival rate	Not specified	@ 20 %	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	The production is very less in comparison to the proposed quantity due to lack of market demand during this year as well as in the planned period, therefore, no adverse impact due to mining on aesthetic beauty.		

9.0 Compliance of Rule 45:

S N	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	MR being submitted regularly AR submitted up to 2022-23		AR for the FY 2022-23 submitted on 27.04.2023.
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- Sudama Yadav, Manager- Nishes Kumar Baghel Geologist-N.A.	Manager, Mining Engineer, & Geologist were not present during the mine visit	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Nil	Nil	
9d	Scrutiny of Annual return on afforestation	With in the lease area 80 @ 20% survival rate	With in the lease area 80 @ 20% survival rate	

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9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	No generation of mineral reject reported	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	ROM opening stock- Nil Production- 370.00 Closing stock- Nil	ROM opening stock- Nil Production- 370.00 Closing stock- Nil	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Ex mine Price- Rs 113.67/ton Production cost- Rs 232.26/ton	Ex mine Price- Rs 113.67/ton Production cost- Rs 232.26/ton	
9i	Scrutiny of Annual return on Fixed assets	Rs. 554177 including land, building, plant and machinery, etc.	Rs. 554177 including land, building, plant and machinery, etc.	
9k	Scrutiny of Annual return on mining Machineries	Backhoe – 1 No. Tipper -02 Nos.	During inspection, mine was not operational	

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

Violation cum show cause notice has been issued to the party under Rule 35(4) of MCDR, 2017 on 09.02.2024 as the lessee have not achieved 3 Star Rating as required under the Rule within a period of four years with effect from the 27th February, 2017 or four years from the date of commencement of mining operations. Subsequently, the mining operation was suspended under Rule 35(4A) of MCDR, 2017 on dated 30.05.2024 for non-compliance of the above Rules.

प्रशान्त कुमार साहू / Prasant Kumar Sahu
सहायक खनन अभियंता / Assistant Mining Engineer
भारतीय खान ब्यूरो रायपुर, / Indian Bureau of Mines, Raipur