

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

Sl .No.	Particulars	Details
	File No.	MCDR-MiFLOLST/21/2023-RPR-IBM_RO_RPR
1	Name of the Mine	Pathrakundi 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
5	Last date of Inspection & Officer	25-01-2023 Arun Kumar Gadatia, Assistant Mining Engineer
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest -Nil Non-Forest-9.716 Ha. Total Area-9.716 Ha.
7	Mine code	38CHG14011
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/4565/2011
9	Name of the Lessee, Address, Phone, email and fax number	Shri Kedar Agrawal,C-66,Sector-4, Devendra Nagar,Raipur(C.G.)-492004, E-mail- kapil.mining@yahoo.in
10	Village	Patrakundi
11	Taluka/Mandal	Kharora
12	District	Raipur
13	Pin code	493225
14	State	Chhattisgarh
15	Post Office	Kharora
16	Nearest Police Station	Kharora
17	Nearest Railway Station	Tilda
18	Date of Grant of Mining Lease	17.11.2000
19	Date of Execution	23.10.2000
20	Weekly day of rest	Sunday
21	Date of opening of Mine	24.08.2002
22	Date of First Renewal, if applicable and its period & expiry	17.11.2020 to 16.11.2050 As per section 8A of the MMDR Amendment Act, 2015, Mining Lease Period has been extended for 30 years. (For Captive Lease) i.e. extended up to 16.11.2050 <i>Supplementary lease agreement for an extended period was executed and registered on 16.10.2018.</i>
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

1/32627/2024

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, as the mine was mostly non-operational due to lack of market demand.
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Not appointed, as the mine was mostly non-operational due to lack of market demand.
30	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Mining Plan Vide letter No. RAP/LST/MPLN-655/NGP, dated 18.03.1999 for the period 2002-03 to 2006-07
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.	Review Mining Plan and Progressive Mine Closure Plan, approved vide letter no. रायपुर/चुप/खयो-1309/2021/ Raipur dated 24-02-2022 Proposal Period: 2022-23 to 2026-27
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
35	Captive/Non-Captive	Non-Captive
36	Present EC Status	EC granted on 24.05.2010, ROM Mineral in Tonne-125903
37	Status of Financial Assurance (Amount and Validity)	Rs. 32,97,000/- valid up to 31-03-2027

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

1.0 Exploration:

S.N.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
1a	Backlog of previous year proposals	Nil	Not applicable	
1b	Exploration over lease area for Geological axis 1 or 2.	05	Nil	The mining operation was mostly non-operational due to lack of market demand during the financial year. The mining operation was suspended vide this office letter of even no. dated 04.07.2023 as per Rule 35(4A) of MCDR 2017, so no violation was pointed out as the mining operation is under suspension.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not specified	Not applicable	
1d	Balance area to be explored to bring	9.716 Ha.	Nil	The mining operation

1/32627/2024

	Geological axis in 1 or 2.			was suspended vide this office letter of even no. dated 04.07.2023 as per Rule 35(4A) of MCDR 2017, so no violation was pointed out as the mining operation is under suspension.
1e	Balance reserves as on 01.04.2023 (in Million Tonnes)	Under (122)- 841140 Tonne		As per AR submitted for the year 2022-23
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. Subsequently, the mining operation was suspended vide this office letter 04.07.2023 as per Rule 35(4A) of MCDR 2017.		

2.0 Development:

S.N	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
2a	Location of Development w.r.t. lease area	Development proposed in 02 (two) pits, pit 1 & pit 3	Carried out within 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	Separate benches proposed in topsoil and mineral	Nil	-do-
2c	Stripping ratio or ore to OB ratio	1:0.06	1:0.00	No generation of waste/OB
2d	Quantity of topsoil generation in m ³	8000	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 mining operation was mostly non-operational due to lack of market demand during the financial year. Subsequently, the mining operation was suspended vide this office letter 04.07.2023 as per Rule 35(4A) of MCDR 2017.		

3.0 Exploitation:

S. N.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
3a	Number of pits proposed for production	02 Nos.	02 Nos.	
3b	Quantity of ROM mineral production proposed in tonne	125750	360	Due to lack of market demand
3c	Recovery of Salable/usable mineral from ROM production tonne	100 %	100 %	
3d	Quantity of mineral reject generation tonne	No proposal	Nil	No generation of mineral rejects
3e	Grade of mineral reject generation and threshold value declared	No proposal	Nil	

1/32627/2024

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	Mechanised	Mechanised	
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	100 mm dia drill with Slurry Explosive/SME	Broadly as per proposal	
3k	Provision of mining machineries in mineral benches	HEMMs Proposed	HEMMs deployed	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height Topsoil/OB: 01 m. Width: 01 m Ore/Mineral:05 m Width 15 m.	Maintained	
3m	Total area covered under excavation /pits	6.46 Ha. up to end of RMP period 2026-27	5.66 Ha. up to end of 2022-23	
3n	Ore to OB ratio for the pit/mine during the year	1:0.06	1:0.00	Tonne: CUM
3o	Total area put in use under different heads at the end of year	6.594 Ha. up to end of RMP period 2026-27	5.794 Ha. up to end of 2022-23	
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2018-19: 69500	2018-19: 68700	As per the AR submitted
		2019-20: 125500	2019-20: 280	
		2020-21: 125500	2020-21: 420	
		2021-22: 125500	2021-22: 530	
		2022-23: 125500	2022-23:360	
3q	General remarks of inspecting officer on method of mining etc	Open cast working is being carried out by the deployment of HEMMs with the help of drilling and blasting. No waste generation was observed during the visit. Less mineral production against the proposal due to lack of market demand.		

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
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 stabilised	No proposal	Nil	
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	Nil	

1/32627/2024

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	No topsoil and OB 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			
	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	Nil	
6e	Compliance of Environment monitoring (core zone & buffer zone)	Environmental monitoring of air, water & noise proposed	Nil	
6f	General remarks of inspecting officer on	The mining operation was mostly non-operational due to		

1/32627/2024

	PMCP compliance & progressive closer operations	lack of market demand during the year. Subsequently, the mining operation was suspended vide this office letter 04.07.2023 as per Rule 35(4A) of MCDR 2017.
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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	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	No beneficiation process was proposed within the lease area and the total ROM was proposed to dispatch directly to the consumer.		

8.0 Environment:

S.N.	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
8a	Separate removal and utilization of topsoil	Separate removal and utilization of topsoil proposed	Nil	No generation of topsoil as mining operation was mostly non-operational due to lack of market demand during the planned period
8b	Concurrent use or storage of topsoil	Proposed for concurrent use	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	700 Nos. of saplings within ML area	Nil 120 nos. saplings planted outside ML area	120 nos. saplings planted outside ML area. Mining operation was mostly non-operational due to lack of market demand during the planned period
8g	Survival rate	70%	-	
8h	Water sprinkling on roads to control airborne dust	Proposed	Nil	During inspection, mine was not operational
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	The scale of mining is low and production is very less in comparison to the proposed quantity due to lack of market demand, therefore, no adverse impact due to		

1/32627/2024

	mining on aesthetic beauty.
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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-Sanjay Sopanrao Chinchole, Manager-Sanjay Sopanrao Chinchole 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	Nil	Nil	
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-360.00 Closing stock-Nil	ROM opening stock-Nil Production-360.00 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. 3200081	Rs. 3200081	
9k	Scrutiny of Annual return on mining Machineries	Backhoe – 1 No. Tipper -02 Nos. Drill machine -2 Nos. Dozer- 1 Nos.	During inspection, mine was not operational	

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

The mining operation was suspended under Rule 35(4A) of MCDR, 2017 on dated 04.07.2023 for non-compliance of Rule 35(2) of MCDR, 2017. During the current inspection, no violation is pointed out as the mining operation is already under suspension and during this financial year (FY 2022-23) the mining operation was mostly non-operational due to lack of market demand.

प्रशान्त कुमार साहू / Prasant Kumar Sahu
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