

## MCDR INSPECTION REPORT 2021-22

### General:

Sl .No.	Particulars	Details
File No.		CHG/DRG/LST-49/ NGP
1	Name of the Mine	Sahegaon Patharia Limestone Mines
2	Date of Inspection:	02.09.2022
3	Name of Inspecting Officer	Prasant Kumar Sahu, Assistant Mining Engineer
4	Name of official accompanying inspection	Mr. Santosh Kumar Singh (Mining Engineer )
5	Last date of Inspection & Officer	04.02.2022 & Shri. D. Dash , Senior Mining Geologist
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	Forest Land- Nil Non Forest Land- 5.93 Ha Total Lease area- 5.93 Ha
7	Mine code	38CHG05013
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/5671/2011
9	Name of the Lessee, Address, Phone, email and fax number	Shri Prakash Chandra Sahu, Quarter no. 108, Street No. 37, Sector- 4, At & PO. Bhilai, District- Durg, Chhattisgarh, pin-490023, ph no. 9425553126, email- <a href="mailto:prakashchandrasahu75@gmail.com">prakashchandrasahu75@gmail.com</a>
10	Village	Sahgaon & Pathariya
11	Taluka/Mandal	Dhamdha
12	District	Durg
13	Pin code	490036
14	State	Chhattisgarh
15	Post Office	Nadini
16	Nearest Police Station	Nandini
17	Nearest Railway Station	Bhilai
18	Date of Grant of Mining Lease	08.12.2005 ( to 07.12.2035, granted for 30 Years )
19	Date of Execution	Executed: 08.12.2005
20	Weekly day of rest	Sunday
21	Date of opening of Mine	17.02.2006
22	Date of First Renewal, if applicable and its period & expiry	NA
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	Shri Prakash Chandra Sahu, Quarter no. 108, Street No. 37, Sector- 4, At & PO. Bhilai, District- Durg, Chhattisgarh, pin-490023, ph no. 9425553126, email- <a href="mailto:prakashchandrasahu75@gmail.com">prakashchandrasahu75@gmail.com</a>
26	Name of the Mine Agent with Address, phone,	Not appointed

	email, fax number and date of appointment	
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	Shri Santosh Kumar Singh, Designation: Mining Engineer, Qualification: Diploma in Mining Address: Sahegaon Limetsone Mine, Village- Sahegaon, Nadini, pin 490036, Durg, Chhattisharh, Mob: 7999703067 <a href="mailto:santoshsingh.2009@gmail.com">santoshsingh.2009@gmail.com</a>
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Mining Engineer- Shri Santosh Kumar Singh, Geologist-Not appointed Violation is not pointed out since the mine operation is suspended under Rule 11(2) & 35(4) of MCDR, 2017.
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-889/NGP dated 19.08.2005. Modified Review of Mine plan approval letter no: DRG/LST/MPLN-889 dated 27.11.2012 Modification of approved Mining Plan approved vide letter no. DRG/LST/Khayo-1086/2017-Raipur dated 16.05.2017 for the period :2017-18 to 2021-22
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. DRG/LST/MPLN-1316/2021-Raipur for the period 2021-22 to 2025-26 dated 24.03.2022. <b>Lapse Period: 2021-22 (01 Year)</b>
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 B, Manual
35	Captive/Non-Captive	Non-Captive
36	Present EC Status	60,000 tonnes , 02.10.2022
37	Status of Financial Assurance	BG No.: 00662IG220000017 dated 20.01.2022 Amount: Rs. 15,50,000/- Valid up to 19.01.2027

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

### 1.0 Exploration:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
1a	Backlog of previous year proposals	No proposal	Nil	02 (two) vertical core boreholes and 03 (three) DTH boreholes with a total meterage of 149 meter have been drilled in 2021-22.
1b	Exploration over lease area for Geological axis 1 or 2.	G1	G1-5.93 ha	Entire lease area has been explored at G1 level as per the approved document.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	Not specified	Not applicable	Carried out by the lessee through M/s Rock Resolve as per the approved document.
1d	Balance area to be explored to bring Geological axis in 1 or 2.	No proposal for further exploration	Not applicable	
1e	Balance reserves as on 01.04.2022 (in Million Tonnes)	Under (111): 0.843 Under (211): 0.889 Under (222): 0.239		Balance reserve as on 01.04.2022 is as per the approved document Violation pointed out for incorrect information furnished in part-V of AR 2021-22.
1f	General remarks of Inspecting officer on geology, exploration etc.	The potential mineralised area of 5.93 ha (Entire lease area) explored under G1 category through 02 (two) vertical core boreholes, 03 (three) DTH boreholes and quarry development.		

### 2.0 Development:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
2a	Location of Development w.r.t. lease area	No proposal	Nil	No valid proposal for the period 2021-22.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	No proposal	Nil	
2c	Stripping ratio or ore to OB ratio	No proposal	Nil	
2d	Quantity of topsoil generation in m <sup>3</sup>	No proposal	Nil	
2e	Quantity of overburden generation in m <sup>3</sup>	No proposal	Nil	
2f	General remarks of Inspecting officer on development of pit w.r.t type of	The mining operation is under suspension vide this office letter dated 10.08.2021 under Rule 11(2) and		

deposit etc.	35(4) of MCDR, 2017. No mining operation was carried out during the year 2021-22 due to no valid approved mining plan.
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### **3.0 Exploitation:**

S. N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
3a	Number of pits proposed for production	No proposal	Nil	No valid proposal for the period
3b	Quantity of ROM mineral production proposed in tonne	No proposal	Nil	
3c	Recovery of Salable/usable mineral from ROM production tonne	No proposal	Nil	
3d	Quantity of mineral reject generation tonne	No proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	No proposal	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 adopted for segregation from ROM	No proposal	Nil	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Nil	No proposal
3j	Provision of drilling & blasting in mineral benches	No proposal	Nil	No proposal
3k	Provision of mining machineries in mineral benches	No proposal	Nil	No proposal
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	Nil	Average bench height and width maintained.
3m	Total area covered under excavation /pits	5.159 ha upto end of plan period 2025-26	2.482 ha at the end of reporting year	Violation issued for incorrect information furnished in AR.
3n	Ore to OB ratio for the pit/mine during the year	No proposal	Nil	No generation of ore and waste in the reporting year due to no valid proposal.
3o	Total area put in use under different heads at the end of year	Area under mining-3.6080 ha, Topsoil-1.4460 ha, Infra-0.035 Ha, Roads-0.070 ha, upto end of plan period 2025-26	Covered under current working: 2.4820 ha, Topsoil-0.50 ha, Infra-0.035 Ha, Roads-0.070 ha, upto end of plan period 2021-22	Actual put to use area as per approved document. However, violation issued for incorrect information furnished in lease area utilization in AR.

3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2017-18: 36000	2017-18: 7810	Nil production reported in the year 2021-22.
		2018-19: 36000	2018-19: 5323	
		2019-20: 36000	2019-20: 5155	
		2020-21: 36000	2020-21: 4324	
		2021-22: 0.00	2021-22: 0.00	
3q	General remarks of inspecting officer on method of mining etc	No mining operation was carried out during the year 2021-22 due to no valid approved mining plan and the mine is under suspension vide this office letter dated 10.08.2021.		

#### **4.0 Solid Waste Management-Dumping:**

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	No proposal	Nil	No top soil 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 stabilized	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 commends of inspecting officer on waste dump management	No top soil and OB generated during the year as the mine was non-operational due to no valid approved mining plan and the mine is under suspension vide this office letter dated 10.08.2021.		

#### **5.0 Solid Waste Management-Backfilling:**

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	Nil	
5b	Area under backfilling of mined out area	No proposal	Nil	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined	No proposal	Nil	

	out area (Rule 32)			
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No mining operation was carried out during the year 2021-22 due to no valid approved mining plan and the mine is under suspension vide this office letter dated 10.08.2021.		

### **6.0 Progressive Mine Closer Plan:**

S. N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly-Rule 26 (2)	PMCP report to be submitted	PMCP report not submitted as per the proforma	Violation of Rule 26 (2) of MCDR, 2017 is pointed out
6b	Management of worked/mined out benches	No proposal	Nil	
	Area available for rehabilitation (Ha)	No proposal	Nil	
	Afforestation done (ha)	No proposal	Nil	
	No. of saplings planted during the year	No proposal	Nil	
	Cumulative no. of plants	No proposal	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 Rehabilitation by making water reservoir Any other specific means	No proposal	Nil	
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)	No proposal	Nil	No proposal
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	No mining operation was carried out during the year 2021-22 due to no valid approved mining plan and the mine is under suspension vide this office letter dated 10.08.2021. PMCP report for this financial has not been submitted as per the proforma. Violation of Rule 26 (2) of MCDR, 2017 is pointed out.		

## 7.0 Mineral Conservation:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease area	No proposal	Nil	
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 mining operation was carried out during the year 2021-22 due to no valid approved mining plan and the mine is under suspension vide this office letter dated 10.08.2021.		

## 8.0 Environment:

S.N.	Item	Proposals (2021-22)	Actual Work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	No proposal	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	Not specified	Nil	
8h	Water sprinkling on roads to control airborne dust	No proposal	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	No mining operation was carried out during the year 2021-22 due to no valid approved mining plan and the mine is under suspension vide this office letter dated 10.08.2021.		

## 9.0 Compliance of Rule 45:

S N	Item	Comments		Remarks
9a	Status of submission of monthly and Annual returns	MR submitted up to Aug-2022		
		AR Submitted up to 2021-22		
S N	Item	Details Given in AR.	Observation of I/Officer	Remarks
9 b	Scrutiny of Annual return for information on Mining Engineer,	Manger-Not appointed	As on date of inspection Manager	Violation is not pointed out since

	Geologist and Manager	Geologist-Not appointed Mining Engineer (In charge)- Shri Santosh Kumar Singh	and Part time Geologist are not appointed.	the mines is under suspension vide this office letter dated 10.08.2021
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Already exploited – 1.8 ha, covered under current working: 0.4 ha, Infra/Plant- 0.9 ha, Other- 0.18 Ha	Information furnished incorrectly.	Violation of Rule 45(c ) of MCDR, 2017 is pointed out.
9d	Scrutiny of Annual return on afforestation	WML- 100 sapling @ 50% survival & OML-0 sapling	Appears to be correct.	Plantation observed during the visit.
9e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	No mineral reject has been Generated during F.Y. 2021-22	Appears to be correct.	
9f	Scrutiny of Annual return on ROM stock and/or grade ore	Opening- 0.00 tonne Production- 0.00 tonne Closing-0.00 tonne	Appears to be correct.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Cost of production is 0.00 Rs/ton and Ex-Mine price 0.000 Rs/ton	Mine is under suspension vide this office letter dated 10.08.2021.	
9i	Scrutiny of Annual return on Fixed assets	Fixed Asset: Rs. 3483461	Report as per Annual Return	
9k	Scrutiny of Annual return on mining Machineries	No machineries reported	Appears to be correct	Mine is under suspension vide this office letter dated 10.08.2021.

10- (a) Compliance position of earlier violation pointed out: - Violation of Rule 26(2) & 45(5)( C) have been pointed out. No outstanding violation.

Date-29/09/2022

Prasant Kumar Sahu,  
Assistant Mining Engineer