

MCDR INSPECTION REPORT 2023-24**General:**

Sl. No.	Particulars	Details
	File No.	CHG/DRG/LST-38CHG05025
1	Name of the Mine	Sahgaon Limestone Mine
2	Date of Inspection:	16.07.2024
3	Name of Inspecting Officer	Sanjay Kumar Mahapatra, Assistant Controller of Mines
4	Name of official accompanying inspection	Dhanendra Kumar, Mines Manager
5	Last date of Inspection & Officer	17.01.2023, Shri Somalya Roy, AME
6	Total Lease Area (Ha) with breakup of Non-forest and forest land	Govt. land-Nil, Private land-4.318 Ha.
7	Mine code	38CHG05025
8	IBM Registration Number under rule 45 of MCDR, 1988/2017	IBM/21126/2017
9	Name of the Lessee, Address, Phone, email and fax number	Smt. Suman Singh W/o Shri Rana Arun Kumar Singh, House No. 40, Motilal Nehru Nagar, Bhilai, Durg Email : arunsuman91@gmail.com
10	Village	Sahgaon
11	Taluka/Mandal	Dhamdha
12	District	Durg
13	Pin code	490020
14	State	Chattisgarh
15	Post Office	Nandani khundani
16	Nearest Police Station	Nandani Nagar
17	Nearest Railway Station	Durg
18	Date of Grant of Mining Lease	18.05.2016
19	Date of Execution	18.05.2016
20	Weekly day of rest	Sunday
21	Date of opening of Mine	25.01.2017
22	Date of First Renewal, if applicable and its period & expiry	Expiry on 22.05.2066
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	Not appointed.

I/36773/2024

	appointment in mines	
28	Name of the Mining Engineer, Qualification and total experience with address, phone, email, fax number and date of appointment in the mine	Shri Dhanendra Kumar, B.Tech Mining D.O.A-01/01/2023
29	Whether Geologist and Mining Engineer appointment in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Naveen Kumar Tamrakar, Geologist D.O.A -01/06/2018
30	Date of Approval of Mine Plan/Modified Mine Plan with five- year period and specific condition in approval letter, if any.	Mining plan under Rule 22(4), MCR 1960 DRG/LST/MPLN-1121/NGP, dated-23/11/2012
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 on 02.06.2021 for the period 2021-22 to 2025-26
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)	A-Mechanized
35	Captive/Non-Captive	Non-captive
36	Present EC Status	26500 T per annum
37	Status of Financial Assurance	Rs. 1178400/- up to 31.03.2026 Bank Guarantee No. 1556IGPER000321

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

1.0 Exploration:

S. N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
1a	Backlog of previous year proposals	No proposal	Not applicable.	Nil
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	Not applicable.	There is no proposal of exploration in 2023-24. The entire area is G-1 level of exploration.
1c	Exploration Agency & Expenditure in Lakh Rupees during the year	No proposal	Not applicable.	-Do-
1d	Balance area to be explored to bring Geological axis in 1 or 2.	No proposal	Not applicable.	-Do-
1e	Balance reserves as on 01.04.2022	As per approved Review of mining Plan: Total Mineral Reserve 1287697 T(111).Remaining Resource-1256653T(211)	Review of mining Plan: Total Mineral Reserve 1286597T (111).Remaining Resource-1256653T(211)	Balance reserves as on 01.04.2024: Total Mineral Reserve-1286597T (111).Remaining Resource-1256653T(211)

T (211).

1f	General remarks of Inspecting officer on geology, exploration etc.	In 2019, Lessee has drilled 04 nos. of bore holes under G1 Level of exploration at 100m x 100m grid interval. Production in 2023-24 is 19700 Tone and Total balance resource as on 01.04.2024 is 2,524,650 Tone.
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2.0 Development:

S. N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
2a	Location of Development w.r.t. lease area	E-538130 to 538325 N-2367790 to 2368030	As proposed	As per proposal. Production is less due to lack of demand.
2b	Separate benches in topsoil overburden and mineral (Rule 15)	Three benches in Mineral	Three benches Mineral	
2c	Stripping ratio or ore to OB ratio	OB generation- Nil	Nil	No comment.
2d	Quantity of topsoil generation in m ³	Nil	Nil	No topsoil generated.
2e	Quantity of overburden generation in m ³	Nil	Nil	No overburden generated during the year.
2f	General remarks of Inspecting officer on development of pit w.r.t. type of deposit etc.			The production is 19700 Tone during the year. Top Soil stacked and plantation made over it. Mine Developed in Systematic manner.

3.0 Exploitation:

S. N.	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
3a	Number of pits proposed for production	One	One	
3b	Quantity of ROM mineral production proposed in tonne	26250 Tonne	19700 Tonne	
3c	Recovery of Salable/usable mineral from ROM production tonne	100%	100%	
3d	Quantity of mineral reject generation tonne	Nil	Nil	No generation of mineral reject.
3e	Grade of mineral reject generation and threshold value declared	Nil	Nil	No generation of mineral reject.
3f	Quantity of sub-grade mineral generation	Nil	Nil	No generation of sub-grade

I/36773/2024

				mineral.
3g	Grade of sub-grade mineral generation	Nil	Nil	
3h	Manual/Mechanized method adopted for segregation from ROM	Mechanized	Mechanized	As per proposal.
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not Proposed	Nil.	Beneficiation not proposed.
3j	Provision of drilling & blasting in mineral benches	Drilling and blasting is proposed.	Done.	
3k	Provision of mining machineries in mineral benches	Loader/excavator and Tipper combination.	Loader/excavator and Tipper combination.	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Bench height 3-6 m, Bench width 15-20 m.	Bench height 3-6 m, Bench width 15m.	As per proposal.
3m	Total area covered under excavation /pits	3.34 Ha. up to end of Plan period.	3.34 Ha.	-
3n	Ore to OB ratio for the pit/mine during the year	Waste generation Nil.	No waste generated during the year 2023-24.	-
3o	Total area put in use under different heads at the end of year	Pit- 3.34 Ha. Roads-0.028 Ha. Waste/ top soil 0.56 Ha	Pit- 3.34 Ha. Roads-0.028 Ha. Waste/ top soil 0.56 Ha	
3p	Production of ROM mineral during last five-years period, as Applicable (tonne)	2019-20: 25500 2020-21: 25500 2021-22:26250 2022-23- 26475 2023-24- 26475	2019-20:3400 2020-21:22300 2021-22:2500 2022-23- 1400 2023-24- 19700	
3q	General remarks of inspecting officer on method of mining etc	Mining is carried out as per proposal. The production is less in comparison to proposal due to lack of market demand during the year 2021-22 & 2022-23.		

4.0 Solid Waste Management-Dumping:

S.N	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32,33)	No proposal given in	Nil.	No top soil generated during the year.

		approved document.		
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	No top soil, OB generated during the year.
4c	Number of dumps within lease area and outside lease area	Nil	Nil	No dump was seen during inspection.
4d	Location of Dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	No comment to offer.
4e	Number of Active & Alive dumps	Nil	Nil	No comment to offer.
4f	Number of dead dumps	Nil	Nil	No comment to offer.
4g	Number of dumps established	Nil	Nil	No comment to offer.
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed.	Nil	No comment to offer.
4i	Length of Retaining wall or garland drain all along dump	Not proposed.	Nil	No comment to offer.
4j	Number of settling ponds	Not proposed.	Nil	No comment to offer.
4k	Specific comments of inspecting officer on waste dump management	No top soil, OB and mineral reject generated during the year. However top soil stacked for future use.		

5.0 Solid Waste Management-Backfilling:

S.N	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Not proposed.	NIL	Area is not matured for reclamation and rehabilitation.
5b	Area under backfilling of mined out area	Not proposed.	NIL	-do-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Not proposed.	NIL	-do-
5d	Total area fully reclaimed & rehabilitated	Not proposed.	NIL	-do-
5e	General remarks of inspecting officer on backfilling, reclamation etc	Area is not matured for reclamation and rehabilitation.		

6.0 Progressive Mine Closer Plan:

S.N	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and	As per provision of	Submitted.	Annual report on

I/36773/2024

	correctly-Rule 26 (2).	MCDR 2017.		PMCP submitted.
6b	Management of worked/mined out benches	Not proposed	Nil	Nil
	Area available for rehabilitation (Ha)	Not proposed	Nil	Area is not matured for reclamation and rehabilitation
	Afforestation done (ha)	0.39 Ha.	0.39 Ha.	.
	No. of saplings planted during the year	Nil	50 No. of saplings	
	Cumulative no. of plants	Not specified	In 2023-24, 50 nos. of saplings planted.	
	Any other specific method of rehabilitation	Not proposed	Nil	Area is not matured for reclamation and rehabilitation
	Cost incurred on watch & care during the year	Not specified	In 2023-24, 50 nos. of saplings planted.	.
6c	Compliance on reclamation and rehabilitation by backfilling	Not proposed	Nil	Area is not matured for reclamation and rehabilitation
	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			
6d	Compliance of Rehabilitation of waste land within lease	Not proposed	Nil	No comments to offer.
	i. Afforestation			
	ii. Area rehabilitation (ha)			
	iii. Method of rehabilitation			
6e	Compliance of Environment monitoring (core zone & buffer zone)	Proposed.	Done.	
6f	General remarks of inspecting officer on PMCP compliance & progressive closer operations	Area is not matured for reclamation and rehabilitation.		

7.0 Mineral Conservation:

S.N	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
7a	ROM mineral dispatch or grade wise sorting within lease	Total ROM Dispatched.	ROM Mineral Dispatch.	Cement Grade limestone.

I/36773/2024

	area		
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Not proposed.	Nil.
7c	Different grade of mineral sort out at mine	Not proposed.	Nil.
7d	Any beneficiation process at mines	Not proposed.	Nil.
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	During mine visit no subgrade mineral/ mineral reject observed. Thus, no comments to offer.	

8.0 Environment:

S.N	Item	Proposals (2023-24)	Actual Work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule32)	Nil	Nil	No topsoil generated during the year. However top soil stacked properly. -do-
8b	Concurrent use or storage of topsoil	Nil	Nil	
8c	Separate dumps for overburden waste rock, rejects and fines (Rule 33)	Not proposed.	Nil.	No OB generated during the year.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed.	Nil.	No OB generated during the year.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed.	Nil.	Area is not matured for reclamation and rehabilitation
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Proposed 400 saplings	400 nos. of saplings in 2023-24	
8g	Survival rate	Not specified	80%	
8h	Water sprinkling on roads to control airborne dust	Water tanker		Water tanker
8i	General remarks of inspecting officer on aesthetic beauty in and around mine area	Aesthetic beauty in and around mines area is maintained by plantation. No topsoil generated during the year 2023-24. However top soil stacked properly generated during previous years.		

I/36773/2024

9.0 Compliance of Rule 45:

S N	Item	Comments		Remarks
9 a	Status of submission of monthly and Annual returns	MR submitted up to June 2024 AR submitted up to for the year 2023-24.		AR & MR are being submitted.
9 b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining engineer, Geologist employment is furnished.	Shri Dhanendra Kumar Mining engineer, Shri Naveen Kumar Tamrakar, Geologist are employed in the mine.	Both Mining Engineer & Geologist present during inspection.
9 c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern furnished in AR. Pit- 3.34 Ha. Roads-0.028 Ha. Waste/ top soil 0.56 Ha	Pit- 3.34 Ha. Roads-0.028 Ha. Waste/ top soil 0.56 Ha	As per AR.
9 d	Scrutiny of Annual return on afforestation	Nil Information furnished.	Nil Information furnished.	
9 e	Scrutiny of Annual return on mineral reject generation (Grade & Quantity)	Nil	Nil	Nil
9 f	Scrutiny of Annual return on ROM stock and/or grade ore	Closing stock- 309.907 t	Closing stock- 309.907 t	Closing stock- As per AR and verified from register.
9 g	Scrutiny of Annual return on sale value, Ex. Mine price & production costs	Cost of production Rs.372.50/Tonne	Cost of production Rs.372.50/Tonne. Sale Value per tonne is Rs 500.07/- However ex-mine Price written as Rs 372.50/Tonne mentioned in AR	Grade-wise Production, Dispatches, Stocks and Ex-mine prices: -Ex-mine price is not correctly furnished as it does not match with sale value reported. Thus violation of Rule 45(5) (c) issued vide letter dated 30.07.2024
9i	Scrutiny of Annual return on Fixed assets	Fixed assets furnished in	Fixed assets furnished in AR	As per AR.

I/36773/2024

		AR Rs 1209520)	Rs 1209520/-	
9	Scrutiny of Annual return on	Furnished in	Shovel of 01	As per AR.
k	mining Machineries	AR.	CUM Furnished in AR .	

General remarks of inspecting officer: On scrutiny of Annual Return for the year 2023-24 it is observed that in PART-IV (Consumption of Explosives): - Information furnished does not commensurate with the ROM production reported during the year 2023-24. Further (ii) In Para 3(ii) Grade-wise Production, Dispatches, Stocks and Ex-mine prices: -Ex-mine price is not correctly furnished as it does not match with sale value reported. Thus violation of Rule 45(5) (c) issued vide letter dated 30.07.2024.

10- Details of violations observed during current inspection and the compliance status of earlier violations.: - (a) No violation was issued during earlier inspection.

(b) Violations of Rule 45(5) (C) pointed out during this inspection. Violation letter issued on 30.07.2024.

Date: 30.07.2024

) संजय कुमार महापात्र)
सहायक खान नियंत्रक
भारतीय खान ब्यूरो