

MCDR INSPECTION REPORT**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	Bhanduri Limestone Mines (119), (8.468 Ha)
1(b)	Name of Inspecting Officer	Sunil Kumar Sharma, Sr. ACOM
1(c)	Type of Inspection	Modification of Mining plan (2024-25)
1(d)	Date of Inspection	18/04/2024
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total ML area – 8.4682 Forest land - Nil Non Forest land – 8.4682
3	Mine-code	38GUJ08023
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/179/2011
5	Name of the lessee, Address, phone, email and fax number	M/s GHCL Ltd., Sutrapada/ 9811121750 mining@ghcl.co.in
6	Village	Bhanduri
7	Taluka/ Mandal	Malia Hatina
8	District	Junagarh
9	Pin code	362248
10	State	Gujarat
11	Post office	Bhanduri
12	Nearest police station	Malia Hatina
13	Nearest Railway station	Chorwed Road
14	Date of Grant of Mining Lease	27/05/1985
15	Date of Execution	27/05/1985
16	Date of opening of Mine	27/05/1985
17	Date of first Renewal, if applicable and its period & expiry	15/06/2017, Period: 50 years from date of grant Date of Expiry: 26/05/2035
18	Date of second Renewal, if applicable and its period & expiry	-
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	-
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Raman Chopra B 38 Institutional Area Sector 1, Noida, 201301 Mobile: 9811121750
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Manish Kumar GHCL Ltd. Sutrapada, Gir Somnath, Gujarat Date of appointment: 01/02/2014
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Mines Manager is not appointed due to mines is closed/discontinuance (Temporary discontinuation) Date of temporary discontinuance: 25.03.2023
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Mining Engineer is not appointed due to mines is closed/discontinuance (Temporary discontinuation) Date of temporary discontinuance: 25.03.2023
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	No mining engineer & Geologist appointed due to mines is closed/discontinuance (Temporary discontinuation). Date of temporary discontinuance: 25.03.2023
25	Date of Approval of Mining Plan/ Modified Mining Plan with five-year period and specific condition in approval letter, if any.	First Mining Plan approval letter No.: 683(23)(243)/2003MCC Dated 25.03.2003 Period: 01/04/2003/ to 31/03/2008
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Last review of mining plan letter No.: 684(4)(1) MP-287/2020-21, dated: 07.12.2020 Period: 08.12.2020 to 31.03.2025

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27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	Mechanised
30	Captive/Non Captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

Exploration

SN	Item	Proposals (2022-23)	Actual work	Remarks
1a	Backlog of previous year	6 holes	16 holes, 78.5 m	Exploration was carried out during 2023-24, but record of boreholes in Form-J is not maintained. Violation of Rule 48(1) is observed.
1b	Exploration over lease area for Geological axis 1 or 2.	G2: 6.50 Ha	G1: 6.5 Ha	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	M/s Ajmera Cement Ltd.	M/s GHCL Ltd.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	6.50 Ha.	6.5 Ha converted to G1	
1e	Balance reserves as on 31.03.2024 (in Mio. Metric Tonne)	(111) 2,75,306 T (211) 1,38,529 T (333) 1,30,870 T Total 5,44,705 T		As per previous approved mining plan.
1f	General remarks of inspecting officer on geology, exploration etc.	Exploration was carried out during 2023-24, but record of boreholes in Form-J is not maintained. Violation of Rule 48(1) is observed. During inspection, two drill holes were seen namely BH11 and BH13.		

2.0 Development

SN	Item	Proposals (2022-23)	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit 1, 550 E to 700 E 750 N to 850 N	No development during 2023-24.	-
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal	NA	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	
2d	Quantity of topsoil generation in m ³	No proposal	NA	
2e	Quantity of overburden generation in m ³	No proposal	NA	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine is transferred from M/s Ajmera Cement Ltd. to M/s GHCL Ltd. Modification of mining plan has been submitted for the year 2024-25. During inspection, mining operations were not carried out.		

3.0 Exploitation

SN	Item	Proposals (2022-23)	Actual work	Remarks
3a	Number of pits proposed for production	One pit (pit-1)	Nil	-
3b	Quantity of ROM mineral production proposed	10,000 tonne	Nil	
3c	Recovery of saleable/usable mineral from ROM production	100%	Nil	
3d	Quantity of mineral reject generation	No proposal	NA	
3e	Grade of mineral reject generation and threshold value declared	No proposal	NA	
3f	Quantity of sub-grade mineral generation	No proposal	NA	

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3g	Grade of sub-grade mineral generation	No proposal	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Nil	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	NA	-
3j	Provision of drilling & blasting in mineral benches	No proposal	NA	-
3k	Provision of mining machineries in mineral benches	Hydraulic Excavator: 1.5 m ³ Rock Breaker: 125 CFM	Nil	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/ SOM	No bench is proposed for overburden.	NA	-
3m	Total area covered under excavation/pits	2.04 Ha.	2.04 Ha.	-
3n	Ore to OB ratio for the pit/mine during the year	1:0	1:0	-
3o	Total area put in use under different heads at the end of year	Infrastructue-0.11 Ha. Road- 0.3 Ha. Green belt= 0.1Ha.	Infrastructue-0.11 Ha. Road- 0.3 Ha. Green belt= 0.1Ha.	-
3p	Production of ROM mineral during last five-year period, as applicable	2019-20= 10000 T 2020-21= 10000 T 2021-22= 10000 T 2022-23= 10000 T 2023-24= 10000 T	2019-20= 0 T 2020-21= 0 T 2021-22= 80 T 2022-23=118 T 2023-24= 0 T	-
3q	General remarks of inspecting officer on method of mining etc.	Surface mining method was proposed as per approved mining plan. There is no top soil and overburden as per approved mining plan. During inspection, mining operations were not carried out.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2022-23)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposal	NA	-
4b	Location of topsoil, OB & mineral reject dumps	No proposal	NA	-
4c	Number of dumps within lease area and outside lease area	No proposal	NA	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	NA	-
4e	Number of active & alive dumps	No proposal	NA	-
4f	Number of dead dumps	No proposal	NA	-
4g	Number of dumps stabilised	No proposal	NA	-
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	NA	-
4i	Length of Retaining wall or garland drain all along dump	No proposal	NA	-
4j	Number of settling ponds	No proposal	NA	-
4k	Specific comments of inspecting officer	There is no proposal for separate dumping of topsoil, OB & mineral reject as topsoil and overburden is not generated during mining. During inspection, mining operations were not carried out.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2022-23)	Actual work	Remarks
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5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	NA	-
5b	Area under backfilling of mined out area	No proposal	NA	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	NA	-
5d	Total area fully reclaimed & rehabilitated	No proposal	NA	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	There is no proposal for back-filling. During inspection, mining operations were not carried out.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2022-23)	Actual work	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E (2). Details should be given in the format as given in Annexure-20.	Yes	Yes	-
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	No proposal	NA	-
6c	Afforestation done (ha)	1.0	Nil	-
6d	No. of saplings planted during the year	20 Plants	20 plants	-
6e	Cumulative no. of plants	160 Plants	160 Plants	-
6f	Any other specific method of rehabilitation	No proposal	NA	-
6g	Cost incurred on watch & care during the year	-	-	-
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No Proposal	NA	-
6i	ii) Void filled by waste/tailings	No backfilling proposal	NA	-
6j	iii) Afforestation on the backfilled area	No proposal	NA	-
6k	iv) Rehabilitation by making water reservoir	No proposal	NA	-
6l	v) Any other specific means	No proposal	NA	-
6m	Compliance of Rehabilitation of waste land within lease i) Afforestation	No proposal	NA	-
6n	ii) Area rehabilitated (ha)	No proposal	NA	-
6o	iii) Method of rehabilitation	No proposal	NA	-
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Proposal for quarterly monitoring	Quarterly monitoring is being carried out.	
6q	General remarks of inspecting officer on PMCP compliance & progressive	PMCP report was submitted along with Annual Return of 2022-23. During inspection, 20 saplings of 2023-24 were seen.		

7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	10,000 tonne	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	NA	-
7c	Different grade of mineral sorted out at mines	No proposal	NA	-

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7d	Any beneficiation process at mines	No proposal	NA	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no proposal of beneficiation process at mines. Modification of mining plan has been submitted.		

8.0 Environment

SN	Item	Proposals (2022-23)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NA	-
8b	Concurrent use or storage of topsoil	No proposal	NA	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	NA	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NA	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NA	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No proposal	NA	-
8g	Survival rate	No proposal	NA	-
8h	Water sprinkling on roads to control airborne dust	Proposed in mining plan.	Mining operations are not carried out	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	There is no proposal for backfilling in the mine as topsoil and O/B is not generated. During inspection, 20 saplings of 2023-24 were seen.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
9a.	Status of submission of Online Monthly and Annual returns	Submitted on 21/06/2023	-
S. N.	Item	Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NIL	Mines operation is discontinuance from 25.03.2023
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	7.390 (Covered under O/c Working)	-
9d	Scrutiny of Annual return on afforestation	Sapling : 20 No., Cumulative: 160	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Closing stock- 278.870 tonnes	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Rs. 72.13/- (Prima facie of ex-mine price is not found correct.)	Violation observed under Rule 45(5)(c) read with 45(7).
9i	Scrutiny of Annual return on fixed assets	Nil.	
9k	Scrutiny of Annual return on mining machineries	Nil (As production and dispatch during 2022-23 are reported. Therefore, details of mining machineries shall be provided. The details of fuel consumption shall also be provided.)	

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

नियम स.	पाए गए उल्लंघन की विस्तृत प्रकृति
48(1)	The holder of a mining lease shall keep a record in Form-J of all shafts or boreholes and shall retain such records and preserve the samples of the strata passed through for a period of not less than twelve months after the completion of the work or abandonment thereof. In your case, the record of boreholes in Form-J and respective samples are not found during inspection.
45(5)(c) read with 45(7)	The following deficiencies have been found in the scrutiny of the annual return submitted by you for the year 2022-23: (i) No information has been given in point number 1(i) of Part – III (Consumption of Materials) as production and dispatches are reported during 2022-23. (ii) In point no. 6 of Part – V, details of mining machineries shall be provided as production and dispatches are reported during 2022-23. (iii) In point no. 3(ii) of Part –VI, Prima facie of ex-mine price is not found correct as per Rule 45(8)(b) of MCDR, 2017.

(Sunil Kumar Sharma)
Senior Assistant Controller of Mines