

MCDR INSPECTION REPORT**1.0 GENERAL**

SN	Particulars	Details
1(a)	Name of the Mine	Bhanduri Limestone Mine 57
1(b)	Name of Inspecting Officer & Designation	Sunil Kumar Sharma, Senior ACOM
1(c)	Accompanying Mines Representatives	Mr. Chandan Kumar, Geologist
1(d)	Type of Inspection	Modification of Mining plan
1(e)	Date of Inspection	05/11/2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	10.6938
3	Mine code	38GUJ08022
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/5292/2011
5	Name of the lessee, Address, phone, email and fax number	GHCL Ltd. Sutrapada, District: Gir Somnath, Gujarat. 9099061556, mining@ghcl.co.in
6	Village	Bhanduri
7	Taluka/Mandal	Maliya Hatina
8	District	Junagarh
9	Pin code	362248
10	State	Gujarat
11	Post office	Maliya Hatina
12	Nearest police station	Maliya Hatina
13	Nearest Railway station	Maliya Hatina
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	NA
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Raman Chopra, B -38 Institutional Area, Sector 1, Noida, 9811121750, Date:- 01/05/2023
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Manish Kumar, Sanjay Nagar Sutrapada, 9328849666, Date of Appointment: 01/05/2023
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	-
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	-
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes
25	Date of Approval of Mining Plan/ Modified Mining Plan/ Review of Mine Plan with five-year period and specific condition in approval letter, if any.	Review of Mine Plan Letter No. 684(4)(1)/MP-286/2020 -21, Dated: 04/12/2020, Period: 04/12/2020 to 31/03/2025
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with	-

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	five-year period and specific condition in approval letter, if any.	
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)	Fully 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	Remarks
1a	Backlog of previous year	6 Boreholes, 120 m	10 Boreholes 57.5 m	Black Cotton soil encountered before the proposed depth.
1b	Exploration over lease area for Geological axis 1 or 2.	G1: 8.15 ha G2: 2.54 ha.	G1: 10.6938 ha	-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Ajmera Cement Pvt Ltd	GHCL Ltd.	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	2.54 ha	2.54 ha	-
1e	Balance reserves as on 01.04.2023	449183	538921MT	-
1f	General remarks of inspecting officer on geology, exploration etc.	Whole lease area is mineralized area. G1 Exploration was carried out in entire lease area.		

2.0 Development

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
2a	Location of development w.r.t. lease area	Pit- 01	Pit -01	-
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No topsoil and No overburden 1 Bench in Mineral	No topsoil and No overburden 1 Bench in Mineral	-
2c	Stripping ratio or ore to OB ratio	1:0	1:0	-
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.	There is no topsoil and no overburden are encountered in mines. Lease was transferred from Ajemra Cement Ltd. to GHCL Ltd. in 2023. Therefore, very less development work was carried out during 2023.		

3.0 Exploitation

SN	Item	Proposals (2022-23)	Actual work	Remark
3a	Number of pits proposed for production	One (Pit-1)	One (Pit-1)	-

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3b	Quantity of ROM mineral production proposed	30000 tonne	152 tonne	-
3c	Recovery of saleable/usable mineral from ROM production	Cement grade: 30000 t	Cement grade: 152 t	-
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	-
3g	Grade of sub-grade mineral generation	No proposal	NA	-
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	NA	-
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	Rock Breaker, Shovel and Tipper	Rock Breaker, Shovel and Tipper	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes Bench height: 6m	Bench height: 6m	-
3m	Total area covered under excavation/pits	4.8 ha	4.24 ha	-
3n	Ore to OB ratio for the pit/mine during the year	Nil	Nil	-
3o	Total area put in use under different heads at the end of year	4.94 ha	Area under Pits: 4.24 ha Area in Roads: 0.23 ha Area in building: 0.01 ha Undisturbed area: 6.25 ha.	-
3p	Production of ROM mineral during last five-year period, as applicable	2020-21 30000 2021-22 30000 2022-23 30000	2020-21 0 2021-22 110 2022-23 152	Plant was not in operation
3q	General remarks of inspecting officer on method of mining etc.	Production was not carried out as proposed in mining because associated plant of Ajmera Cement Ltd. was not in operation. Then Lease was transferred from Ajemra Cement Ltd. to GHCL Ltd. in 2023. Therefore, very less production was carried out during 2023.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2022-23)	Actual work (2022-23)	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	-

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4e	Number of active & alive dumps	No proposal	NA	-
4f	Number of dead dumps	No proposal	NA	-
4g	Number of dumps stabilized	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	No overburden or no mineral reject is generated during mining operation. Lease was transferred from Ajemra Cement Ltd. to GHCL Ltd. in 2023. Modification of mining plan was submitted by GHCL Ltd for the year 2023-24 to 2024-25. The mining plan was approved on 15.02.2024.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2022-23)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	No mined out area	-
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 was no proposal of backfilling of mined out area. Modification of mining plan was submitted by GHCL Ltd for the year 2023-24 to 2024-25. The mining plan was approved on 15.02.2024.		

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 26(2). Details should be given in the format as given in Annexure-20.	yes	submitted	-
6b	Management of worked/mined out benches	No proposal	Nil	-
	i) Area available for rehabilitation (ha)			
	ii) Afforestation done (ha)	0.10	0.10	-
	iii) No. of saplings planted during the year	20 sapling	0	Violation observed under Rule 11(1)
	iv) Cumulative no. of plants	120 No.	52 No.	
	v) Any other specific method of rehabilitation	No proposal	NA	-
vi) Cost incurred on watch & care during the year	15000	16000	-	
6c	Compliance on reclamation and rehabilitation	20 m Fencing	0 Fencing	Violation

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	by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means (Fencing)			observed under Rule 11(1).
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No proposal	NA	-
6e	Compliance of Environmental monitoring (core zone & buffer zone)	yes	Environment monitoring on regular basis	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	Violation observed under Rule 11(1) that 20 saplings and 20 m fencing was proposed during the year 2022-23 in the mining plan whereas no sapling planted and no fencing work was carried out during the year 2022-23.		

7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	30000 tonne	152 tonne	-
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	-
7d	Any beneficiation process at mines	No Proposal	NA	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No proposal of mineral sorting at mines as lease was granted to Ajmera Cement Ltd. Lease was transferred from Ajemra Cement Ltd. to GHCL Ltd. in 2023. Modification of mining plan was submitted by GHCL Ltd for the year 2023-24 to 2024-25. The mining plan was approved on 15.02.2024.		

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)	Cumulative: 120 No. Plants	Cumulative: 52 No. Plants	Violation observed under Rule 11(1)
8g	Survival rate	80	42	-
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	-

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8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Violation observed under Rule 11(1) that 20 saplings and 20 m fencing was proposed during the year 2022-23 in the mining plan whereas no sapling planted and no fencing work was carried out during the year 2022-23.
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9.0 Compliance of Rule 45

S. N	Item	Comments	Remarks
9a.	Status of submission of Monthly and Annual returns	A.R. submitted 2022-23 on 21/06/2023 M.R. Submitted within stipulated time up to till date.	-

S. N	Item	Comments	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No mining engineer and no Geologist appointed as mining operations are not carried out more than 90 days.	Violation observed under Rule 28(1)
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Total lease area: 10.693 ha. Forest Area: Nil Non Forest area: 10.693 ha.	-
9d	Scrutiny of Annual return on afforestation	0.1 ha.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	No mineral reject generation	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No ROM stock	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	-	-
9i	Scrutiny of Annual return on fixed assets	-	-
9k	Scrutiny of Annual return on mining machineries	-	-

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

Violation under Rule 11 (1) and 28(1) were observed. Plantation and fencing work was not carried out as proposed in the approved mining plan and Mining operations have been discontinued from long time therefore, no such notice in Form-E has been sent till date. A violation letter was issued vide letter No. MCDR-MiFLOBXT/100/2022-GNR, dated 29.12.2023. Reply of the violation was received from the lessee and compliance was accepted on 28.03.2024 for plantation and fencing work.

**Signed by Sunil Kumar
Sharma**

Date: 24-05-2024 17:55:42

**Reason: Approved
(Sunil Kumar Sharma)**

Senior Assistant Controller of Mines