

MCDR Inspection Report**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	Malavada [35/P, B Block] Limestone Mines
1 (b)	Name of Inspecting officer & Designation	Sunil Kumar Sharma (Sr. ACOM, IBM)
1 (c)	Accompanying Mines Representatives	Chandradev Prakash Thakore
1 (d)	Type of Inspection	Review of Mining Plan
1 (e)	Date of Inspection	03.11.2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.9 Hectare
3	Mine code	38GUJ07074
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/6651/2011
5	Name of the lessee, Address, phone, email and fax number	Jaydev Prakash Thakore, Thakore Farm N.H 8b Dhoraji Road Near Upleta Bye Pass Board, Upleta, District: Rajkot, Gujarat. jaydevpthakore@gmail.com , chandradevthakore@gmail.com , Mobile: 9099890325
6	Village	Malavada
7	Taluka/Mandal	Jamjodhpur
8	District	Jamnagar
9	Pincode	360490
10	State	Gujarat
11	Post office	Malvada
12	Nearest police station	Malvada
13	Nearest Railway station	Jamjodhpur (WR 59 KM)
14	Date of Grant of Mining Lease	25/01/2005
15	Date of Execution	02/03/2005
16	Date of opening of Mine	02/03/2005
17	Date of first Renewal, if applicable and its period & expiry	Not Applicable
18	Date of second Renewal, if applicable and its period & expiry	Not Applicable
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Not Applicable
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Jaydev Prakash Thakore, Farm N.H 8b Dhoraji Road Near Upleta Bye Pass Board, Upleta, District: Rajkot, Gujarat. Mobile: 9099890325
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Jaydev Prakash Thakore, Farm N.H 8b Dhoraji Road Near Upleta Bye Pass Board, Upleta, District: Rajkot, Gujarat. Mobile: 9099890325
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Mining operations are not being carried out due to Environment Clearance has not been granted.
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 because mining operations are not being carried out due to Environment Clearance has not been granted.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Geologist and Mining Engineer are not appointed because mining operations are not being carried out due to Environment Clearance has not been granted.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-331/2021-22 GNR/1369, dated 07/08/2021: Period: 01/04/2021 to 31/03/2024
26	Date of Approval of Scheme of	682(23) (MS-599)/2010. MCCM (N)-UDP

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	Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Dated: 01/08/2011 Period: 01/04/2011 to 31/03/2016
27	Mineral(s) granted in lease and proved for mining	Limestone
28	Method of Mining (Opencast, Underground)	Opencast
29	Category (Fully Mechanised, Others or Manual)	Mechanised.
30	Captive/Non-Captive	Non-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	No proposal	Nil	-
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	Nil	-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NA	NA	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	NA	NA	Whole lease area explored in G1 category.
1e	Balance reserves as on 01.04.2023	(111): 9,02,578 Tonnes (221): 2,61,866 Tonnes Total: 11,64,444 Tonnes		-
1f	General remarks of inspecting officer on geology, exploration etc.	Total lease area is mineralised and entire area has already been explored in G1 category. Total resources as on date is 11,64,444 tonnes.		

2.0 Development

SN	Item	Proposals of (2022-23)	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit 1, NE direction at 141 to 135mRL	Nil	Development work is not carried out due to Environment Clearance is awaited.
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.	Limestone is outcropping in nature, Hence no top soil and overburden was proposed. Development work is not carried out due to Environment Clearance is awaited		

3.0 Exploitation

SN	Item	Proposals of (2022-23)	Actual work	Remarks
3a	Number of pits proposed for production	A5, A6 and A7 at 141mRL to 135mRL	Nil	Production was not carried out due to Environment Clearance is awaited.
3b	Quantity of ROM mineral production proposed	1,02,673 tonnes	Nil	
3c	Recovery of salable/usable mineral from ROM production	1,08,924 tonnes	Nil	
3d	Quantity of mineral reject generation	No Proposal	NA	-
3e	Grade of mineral reject generation and threshold value declared	No Proposal	NA	-

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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	Mechanised	Mechanised	-
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 with rock breaker attachment: 01 Dumper:02	Nil	Production was not carried out due to Environment Clearance is awaited.
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	-
3m	Total area covered under excavation/pits	2.004 Ha.	0.363 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	2.23	0.40	-
3p	Production of ROM mineral during last five-year period, as applicable	2021-22: 1,00,279 tonnes 2022-23: 1,08,924 tonnes 2023-24: 1,24,947 tonnes	2021-22: Nil 2022-23: Nil 2023-24: Nil	
3q	General remarks of inspecting officer on method of mining etc.	Production was not carried out due to Environment Clearance is awaited. It is informed from CGM, Gujarat Government that the lease period is not lapsed under Section 4A(4) of the ACT vide letter No. CG/lease/ML/IBM/ 2023-24/78 dated 05.01.2024.		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals of (2022-23)	Actual work (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	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 established	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	Limestone is outcropping in nature, Hence no top soil and overburden		

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	inspecting officer	was proposed. Development work is not carried out due to Environment Clearance is awaited
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5.0 Solid Waste Management-Backfilling

SN	Item	Proposals of (2022-23)	Actual work	Remarks
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	No proposal of backfilling in the mining plan.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals of (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	Yes Submitted	-
6b	Management of worked/mined out benches			Violation observed under Rule 11(1) for few plantations
	i) Area available for rehabilitation (ha)	0.1125 ha.	0.067 ha	
	ii) Afforestation done (ha)	0.1125 ha.	0.067 ha	
	iii) No. of saplings planted during the year	150 Nos.	75 Nos.	
	iv) Cumulative no. of plants	450	150	
	v) Any other specific method of rehabilitation	Rs. 45000/-	Rs. 15000/-	
6c	Compliance on reclamation and rehabilitation 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	No Proposal	NA	-
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of of rehabilitation	No Proposal	NA	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Core Zone within limit – Ambient Air Quality, Surface water Quality, Ground water quality, Noise level, Noise vibration to be monitor	Environment monitoring is being carried out. – Ambient Air Quality, Surface water Quality, Ground water quality,	-

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		and should be in limit.	Noise level, Noise vibration are measured with in limit.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	During inspection, it was observed that plantation of 150 plants and fencing of 716 m as proposed in the approved mining plan was not carried out during 2022-23. Violation observed under Rule 11(1) and violation letter was issued to the lessee vide letter No. MCDR-MiFL0BXT/126/2022-GNR dated 29.12.2023.		

7.0 Mineral Conservation

SN	Item	Proposals of (2022-23)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	108924 Tonne	Nil	No dispatch of ROM as EC is awaited.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Mechanised and Manual breaking and Segregation	Nil	-
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 production and dispatch of ROM is reported as environment clearance is awaited from the authority.		

8.0 Environment

SN	Item	Proposals of (2022-23)	Actual work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil	No Proposal	NA	-
8b	Concurrent use or storage of topsoil	No Proposal	NA	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37(1))	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)	150	75	Violation observed under Rule 11(1).
8g	Survival rate	80%	50%	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling from water tanker	Mine operation is discontinuance.	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	During inspection, it was observed that plantation of 150 plants and fencing of 716 m as proposed in the approved mining plan was not carried out during 2022-23. Violation observed under Rule 11(1) and violation letter was issued to the lessee vide letter No. MCDR-MiFL0BXT/126/2022-GNR dated 29.12.2023.		

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9.0 Compliance of Rule 45

S.N	Item	COMMENTS (2022-23)	Remarks
9a.	Status of submission of Online Monthly and Annual returns	Annual Report for the year 2022-23: Submitted on 29.06.2023	-
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	Geologist: Balram. No mining engineer is appointed as Mining operations are not being carried out due to EC is awaited.	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Land use pattern provide d in Annual Return as follows: Total Lease Area: 4.9 Ha. Outside Forest: 4.9 Ha. Area Covered under current (O-C) Workings: 0.363 Ha.	
9d	Scrutiny of Annual return on afforestation	150 plantation	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No closing stock of ROM	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	No production and no dispatch during the year 2022-23	-
9i	Scrutiny of Annual return on fixed assets	No fixed asset	-
9k	Scrutiny of Annual return on mining machineries	No production and No mining machinery utilised during the year 2022-23.	-

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

Violation under Rule11 (1) was observed. Plantation and fencing work was not carried out as proposed in the approved mining plan. A violation letter and show-cause notice was issued vide letter No. MCDR-MiFL0BXT/126/2022-GNR, dated 29.12.2023 and dated 01.04.2024 respectively. Reply of the violation was received from the lessee and compliance was accepted on 03.05.2024 for plantation and fencing work.

It is informed from CGM, Gujarat Government that the lease period is not lapsed under Section 4A(4) of the ACT vide letter No. CG/lease/ML/IBM/ 2023-24/78 dated 05.01.2024.

(Sunil Kumar Sharma)
Senior Assistant Controller of Mines