

MCDR**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	Malavada Limestone Mines
1 (b)	Name of Inspecting officer & Designation	Mohammad Nimar (DCOM)
1 (c)	Accompanying Mines Representatives	Chandradev Prakash Thakore
1 (d)	Type of Inspection	Mining Plan, MCDR & Star Rating
1 (e)	Date of Inspection	15/10/2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.9 Hectare
3	Minecode	38GUJ07077
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/6653/2011
5	Name of the lessee, Address, phone, email and fax number	Chandradev Prakash Thakore, THAKORE FARM N.H 8B DHORAJI ROAD NEAR UPLETA BYE PASS BOARD, UPLETA, chandradevpthakore@gmail.com , 9099028311
6	Village	Malavada
7	Taluka/Mandal	JamJodhpur
8	District	Jamnagar
9	Pincode	360490
10	State	Gujarat
11	Post office	Upleta
12	Nearest police station	Upleta
13	Nearest Railway station	Jam Jodhpur (WR 59 KM)
14	Date of Grant of Mining Lease	25-01-2005
15	Date of Execution	09-03-2006
16	Date of opening of Mine	02-10-2006
17	Date of first Renewal, if applicable and its period & expiry	09-03-2006 TO 08-03-2036
18	Date of second Renewal, if applicable and its period & expiry	N/A
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	09-03-2006 TO 08-03-2036
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Chandradev Prakash Thakore
21	Name of the Mine Agent with Address, phone, email, fax number and date	Nil

	of appointment	
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Nil
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number, and date of appointment in mine	Nil
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	BHAIRO PRASAD VERMA
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: 01/04/2021 to 31/03/2024
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-333/2021 -22 GNR/1383 dated 01/08/2021 01/08/2021 to 31/03/2025
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

S N	Item	Proposals of (2023-24)	Actual work	Remarks
1a	Backlog of previous year	Not proposed	Not applicable	NA
1b	Exploration over lease area for Geological axis 1 or 2.	Nil.	G1-4.9 Ha	NA
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not proposed	Not applicable	NA
1d	Balance area to be explored	Not proposed	Not applicable	NA

	to bring Geological axis in 1 or 2			
1e	Balance reserves as on 01.04.2024	369044.5 MT	435,043.50MT	NA
1f	General remarks of inspecting officer on geology, exploration etc.	Total lease area is explored in G1. No reserve depleted because of no production due to EC problem.		

2.0 Development

S N	Item	Proposals of (2023-24)	Actual work	Remarks
2a	Location of development w.r.t. lease area	SW part	21°48'55.63"N 70° 4'33.74"E	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Topsoil, overburden Not proposed. In mineral 6 x 6 m	Topsoil, overburden Not proposed. In mineral 6 x 6 m	
2c	Stripping ratio or ore to OB ratio	1:0	1:0	---
2d	Quantity of topsoil generation in m3	Nil	Nil	---
2e	Quantity of overburden generation in m3	Not proposed	Not Applicable	---
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	No mining operations were carried out due to Environmental Clearance issue.		

3.0 Exploitation

S N	Item	Proposals of (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	Pit 1	Nil (Approx Pit Size 70*60*5)	
3b	Quantity of ROM mineral production proposed	59160 MT	10 MT	NIL
3c	Recovery of saleable/usable mineral from ROM production	56202	Nil	
3d	Quantity of mineral reject generation	2958 MT	Nil	
3e	Grade of mineral reject generation and threshold value declared	Not proposed	Not applicable	-
3f	Quantity of sub-grade mineral generation	Not proposed	Not applicable	-
3g	Grade of sub-grade mineral generation	Not proposed	Not applicable	-
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	Mechanised	-
3i	Any analysis or	Not proposed	Not applicable	-

	beneficiation study proposed & carried out for sub-grade mineral and reject			
3j	Provision of drilling & blasting in mineral benches	Not proposed	Not applicable	-
3k	Provision of mining machineries in mineral benches	Back hoe, Dumper, Loader	Not used	-
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	1.9131 Ha,	0.44	-
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	1.9131	0.44	-
3p	Production of ROM mineral during last five-year period, as applicable	22162 MT	10 MT	-
3q	General remarks of inspecting officer on method of mining etc.	No mining operations were carried out due to Environmental Clearance issue.		

4.0 Solid Waste Management-Dumping

S N	Item	Proposals of (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject	NA, No mines waste, concurrent use of 2208 cum topsoil for plantation was proposed.	No work carried out	NA
4b	Location of topsoil, OB & mineral reject dumps	Topsoil- Nil Mineral Reject – 1479	Topsoil- Nil Mineral Reject – Nil	
4c	Number of dumps within lease area and outside lease area	Not proposed	Not applicable	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not proposed	Not applicable	
4e	Number of active & alive dumps	Not proposed	Not applicable	
4f	Number of dead dumps	Not proposed	Not applicable	
4g	Number of dumps	Not proposed	Not applicable	

	established			
4h	Whether Retaining wall or garland drain all along dumps are there	Not proposed	Not applicable	---
4i	Length of Retaining wall or garland drain all along dump	Not proposed	Not applicable	
4j	Number of settling ponds	Not proposed	Not applicable	---
4k	Specific comments of inspecting officer	No work carried out due to Environmental Clearance issue.		

5.0 Solid Waste Management-Backfilling

SN	Item	Proposals of (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	Not applicable	-
5b	Area under backfilling of mined out area	Not proposed	Not applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Concurrent use of 2208 cum topsoil for plantation was proposed.	No work carried out	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Not applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	NO work carried out due to Environmental Clearance issue.		

.6.0 Progressive Mine Closure Plan

SN	Item	Proposals of (2023-24)	Actual work (2023-24)	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 on 30-06-2024 along with Annual Return	-
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants	(i) Plantation in periphery of the lease area = 0.1125 Ha. (ii) 0.0225 (iii) 150 No (iv) Nil	(i) Plantation in periphery of the lease area = 0.067 Ha. (ii) 0.0225 No. (iii) 150 No (iv) Nil	

	v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	(v)Rs. 25000/-	(v) Rs. 25000/ -	
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	Not proposed	Not applicable	-
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Meth of of rehabilitation	Not proposed	Not applicable	-
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 and should be in limit.	Through outside agency.	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	PMCP works carried out as per proposal. Environmental monitoring reports are within statutory limits.		

7.0 Mineral Conservation

SN	Item	Proposals of (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	95893 Tonne	10	NIL
7b	Method of grade-wise	Mechanised and	Nil	NIL

	mineral sorting i.e. manual or mechanical	Manual breaking and Segregation Mechanised	Mechanised	
7c	Different grade of mineral sorted out at mines	Not proposed	Not applicable	NIL
7d	Any beneficiation process at mines			
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No production and dispatch activities carried out. No issue towards Mineral Conservation found.		

8.0 Environment

S N	Item	Proposals of (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil	Not proposed	Not applicable	NIL
8b	Concurrent use or storage of topsoil	Not proposed	Not applicable	NIL
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37(1))	Not proposed	Not applicable	NIL
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not proposed	Not applicable	NIL
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not proposed	Not applicable	NIL
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	300	300	NIL
8g	Survival rate	50%	50%	Nil
8h	Water sprinkling on roads to control airborne dust	Yes	Nil	NIL
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	PMCP work done as proposed. Mine is surrounded by nearby villages with green vegetation.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS		Remarks
9a	Status of submission of Online Monthly and Annual returns	M.R. Submitted till Sept. 2024 within stipulated time A.R. of 2023-24 Submitted on 30-06-2024		NIL
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	None	None	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under current (O-C) Workings - 0.28, Occupied by plant, buildings, residential, welfare buildings and- 0.10, under progressive mine closure plan - 0.90	Covered under current (O-C) Workings -0.28, Occupied by plant, buildings, residential, welfare buildings and-0.10, under progressive mine closure plan - 0.90	
9d	Scrutiny of Annual return on afforestation	150 saplings	150 saplings	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM-10MT Cement grade limestone- 50 MT	ROM-10MT Cement grade limestone- 50 MT	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	EMP - 519.00	EMP - 519.00	
9i	Scrutiny of Annual return on fixed assets	300000	300000	
9k	Scrutiny of Annual return on mining machineries	BACK HOE 1.200 CUM 0	BACK HOE 1.200 CUM 0	

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

1. Mining operations are not being carrying out since year 2017-18 due to EC problem.
2. No violation pointed out for previous year 2022-23.
3. The following rules are found being violated:- 34(A), 45(5)(c) Read with Schedule II. (for not showing Royalty etc for dispatched quantity) Violation-cum show cause for the above said Rules shall be issued.

4. Drone data submitted for the year 2023-24 has been examined and found that it is not as per SOP. Hence referred back in DDMS Portal

Mohammad Nimar
DCOM