

**MCDR INSPECTION REPORT****1.0 GENERAL**

<b>SN</b>	<b>Particulars</b>	<b>Details</b>
1 (a)	Name of the Mine	Vasai Limestone Mine (424)
1(b)	Name of Inspecting Officer	Sunil Kumar Sharma, Sr. ACOM
1(c)	Type of Inspection	Star Rating/ MCDR Inspection
1(d)	Date of Inspection	21.12.2024
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total ML area – 4.9 Ha. Forest land - Nil Non Forest land – 4.9 Ha.
3	Mine-code	38GUJ07069
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9234/2012
5	Name of the lessee, Address, phone, email and fax number	Mr. Kherajbha Karubha Ker, Ashapura Society, Near Sbisurajkaradi, Okhamandal, District-Devbhoomi-Dwarka.
6	Village	Vasai
7	Taluka/Mandal	Khambaliya
8	District	Devbhoomi-Dwarka
9	Pin code	361347
10	State	Gujarat
11	Post office	Mithaapur
12	Nearest police station	Mithaapur
13	Nearest Railway station	Mithaapur
14	Date of Grant of Mining Lease	09.09.2004
15	Date of Execution	09.09.2004
16	Date of opening of Mine	01.06.2005
17	Date of first Renewal, if applicable and its period & expiry	-
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	Mr. Kherajbha Karubha Ker, Ashapura Society, Near Sbisurajkaradi, Okhamandal, District-Devbhoomi-Dwarka (Gujarat) 361335 Phone: 9227405090 Email: <a href="mailto:kherajbha24vasai@gmail.com">kherajbha24vasai@gmail.com</a>
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	-
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 42 & carrying out their duties as per rule 43 & 44.	-
25	Date of Approval of Mining Plan/ Modified Mining Plan with five-year period and specific condition in approval letter, if any.	MCDR-MPCP0CaFl/29/2022-GNRIBM_RO_GNR MP-428 Dated 07/07/2023 Period: 2022-23 to 2026-27
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with 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)	Mechanised
30	Captive/Non Captive	Non-captive

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

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	No backlog	Nil	-
1b	Exploration over lease area for Geological axis 1 or 2.	7 boreholes (70 m)	Nil	Work has not been carried out due to EC has not been granted
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Not Proposed	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	0.34 Ha.	Nil	-
1e	Balance reserves as on 31.03.2023	526790 tonnes		-
1f	General remarks of inspecting officer on geology, exploration etc.	Exploration work has not been carried out due to Environment Clearance has not been granted. The mine is temporary closed since last five years.		

**2.0 Development**

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Pit 1 North-west of lease area 2467416.02N to 2467283.22 N 501182.74 E to 501290.29 E	Nil	-
2b	Separate benches in	No proposal	Nil	-

	topsoil, overburden and mineral (Rule 15)			
2c	Stripping ratio or ore to OB ratio	No proposal	Nil	-
2d	Quantity of topsoil generation in m <sup>3</sup>	No proposal	Nil	-
2e	Quantity of overburden generation in m <sup>3</sup>	No proposal	Nil	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mine development work has not been carried out due to Environment Clearance has not been granted.		

### 3.0 Exploitation

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	One pit (Pit -1)	Nil	-
3b	Quantity of ROM mineral production proposed	149988 t	Nil	-
3c	Recovery of saleable/usable mineral from ROM production	100% 149988 t	Nil	-
3d	Quantity of mineral reject generation	No Proposal	Nil	-
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	-
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	-
3g	Grade of sub-grade mineral generation	No Proposal	Nil	-
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	Nil	-
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Nil	-
3j	Provision of drilling & blasting in mineral benches	No Proposal	Nil	-
3k	Provision of mining machineries in mineral benches	No Proposal	Nil	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Shovel:01 No. Dumper – 4 No.	Nil	-
3m	Total area covered under excavation/pits	2.82 Ha.	2.82 Ha.	-
3n	Ore to OB ratio for the	1:0	1:0	-

	pit/mine during the year			
3o	Total area put in use under different heads at the end of year	Area under mining: 2.82 ha Roads: 0.18 Ha Area put to use: 3 Ha.	Area under mining: 2.82 ha Roads: 0.18 Ha Area put to use: 3 Ha	-
3p	Production of ROM mineral during last five-year period, as applicable	2019-20: 43000 t 2020-21: 43000 t 2021-22: 43400 t 2022-23: - 2023-24: 149988 t	2019-20: Nil 2020-21: Nil 2021-22: Nil 2022-23: Nil 2023-24: Nil	-
3q	General remarks of inspecting officer on method of mining etc.	Production and dispatch from the mines has not been carried out due to Environment Clearance has not been granted. The mine is temporary closed since last five years.		

#### 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	Nil	-
4b	Location of topsoil, OB & mineral reject dumps	No Proposal	Nil	-
4c	Number of dumps within lease area and outside lease area	No Proposal	Nil	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	Nil	-
4e	Number of active & alive dumps	No Proposal	Nil	-
4f	Number of dead dumps	No Proposal	Nil	-
4g	Number of dumps stabilised	No Proposal	Nil	-
4h	Whether Retaining wall or garland drain all along dumps are there	No Proposal	Nil	-
4i	Length of Retaining wall or garland drain all along dump	No Proposal	Nil	-
4j	Number of settling ponds	No Proposal	Nil	-
4k	Specific comments of inspecting officer	There is no proposal of dumping of OB and waste in the approved mining plan. During the inspection, no such dump has been found.		

#### 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	No proposal	Nil	-
5b	Area under backfilling of mined out area	No proposal	Nil	-
5c	Concurrent use of topsoil for	No proposal	Nil	-

	restoration or rehabilitation of mined out area (Rule 32)			
5d	Total area fully reclaimed & rehabilitated	No proposal	Nil	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	There is no proposal of backfilling in the approved mining plan and during the inspection, no such backfilling has been found.		

### **6.0 Progressive Mine Closure Plan**

S N	Item	Proposals (2023-24)	Actual work (2023-24)	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	Submitted along with Annual Return on 29.06.2024	-
6b 6c 6d 6e 6f 6g	Management of worked/mined out benches	No Proposal 0.23 Ha. 230 No. - - -	Nil 0.20 Ha. 230 No. - - -	-
	Area available for rehabilitation (ha)			-
	Afforestation done (ha)			-
	No. of saplings planted during the year			-
	Cumulative no. of plants			-
	Any other specific method of rehabilitation			-
	Cost incurred on watch & care during the year			-
6h 6i 6j 6k 6l	Compliance on reclamation and rehabilitation by backfilling	No Proposal	Nil	-
	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			-
	Compliance of Rehabilitation of waste land within lease			-
6m 6n 6o	i) Afforestation	No Proposal	Nil	-
	ii) Area rehabilitated (ha)			-
	iii) Method of rehabilitation			-
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Ambient air quality, water quality noise quality	Monitoring carried out	Within limit.
6q	General remarks of inspecting officer on PMCP compliance & progressive	Mining operations has not been carried out environment clearance has not been granted since last five years.		

## 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 area	ROM: 149988 t	Nil	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No proposal	Nil	-
7c	Different grade of mineral sorted out at mines	No proposal	Nil	-
7d	Any beneficiation process at mines	No proposal	Nil	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mining operations are temporary closed due to environment clearance has not been granted.		

## 8.0 Environment

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	-	
8b	Concurrent use or storage of topsoil	Use in plantation	-	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	No proposal	Nil	
8g	Survival rate	80%	80%	
8h	Water sprinkling on roads to control airborne dust	Proposed	-	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Aesthetic beauty in and around the mines are degraded mine pit. Around the mine shrubs & bushes are observed.		

## 9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
9a.	Status of submission of Online Monthly and Annual returns	Monthly Return of November 2024 submitted: 09.12.2024 Annual Return 2023-24: 29.06.2024	-
S.	Item	Observation of I/Officer /Actual	Remarks

N.		reported in Returns	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Nil	Mining operations are temporary closed due to environment clearance not granted.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under mining: 2.820 Ha. Infrastructure: 0.18 Ha.	
9d	Scrutiny of Annual return on afforestation	Trees planted: 230 No. Survival rate: 80%	
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: 80 tonne	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	-	-
9i	Scrutiny of Annual return on fixed assets	Land: ₹ 300000	-
9k	Scrutiny of Annual return on mining machineries	Back Hoe: 01 No.(1.2 m <sup>3</sup> )	-

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

No significant violation has been observed during the inspection.

(Sunil Kumar Sharma)  
Senior Assistant Controller of Mines

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