

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

<b>SN</b>	<b>Particulars</b>	<b>Details</b>
1(a)	Name of the Mine	Lumba Limestone Mine
1(b)	Name of Inspecting Officer & Designation	Sh. Jigneshkumar Parmar, Asst. Mining Engineer
1(c)	Accompanying Mines Representatives	Sh. Laxmanbhai Mori
1(d)	Type of Inspection	MCDR
1(e)	Date of Inspection	28-12-2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total Lease area- 4.92 ha (Non forest area)
3	Mine Code	38GUJ08363/38GUJ08360
4	IBM Registration Number under rule 45 of MCDR, 2017	IBM/16872/2013
5	Name of the lessee, Address, phone, email and fax number	Sh. Laxmanbhai Jivabhai Mori C/o Sagar Transport, Near Police Station, Sutrapada, Dist.-Gir-Somnath, Gujarat-361 315 Mo.: +91- 9274331841 Email: laxmanmori150@gmail.com
6	Village	Lumba
7	Taluka/Mandal	Veraval
8	District	Gir-Somnath
9	Pincode	3610315
10	State	Gujarat
11	Post office	Veraval
12	Nearest police station	Veaval
13	Nearest Railway station	Somnath
14	Date of Grant of Mining Lease	18-09-2013
15	Date of Execution	18-09-2013
16	Date of opening of Mine	NA
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	Sh. Laxmanbhai Jivabhai Mori C/o Sagar Transport, Near Police Station, Sutrapada, Dist.-Gir-Somnath, Gujarat-361 315 Mo.: +91- 9274331841 Email: laxmanmori150@gmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Sh. Laxmanbhai Jivabhai Mori C/o Sagar Transport, Near Police Station, Sutrapada, Dist.-Gir-Somnath, Gujarat-361 315 Mo.: +91- 9274331841 Email: laxmanmori150@gmail.com
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sh Rohitkumar Jadav
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	NA
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan was approved vide letter No-682(23)/801/MCCM/UDP, Dated 03-08-2012 Period: 2013-14 to 2017-18 684(4)(1)/MP-150(01)/ 2018-GNR, Dated: 29-06-2018. Period: 2018-19 to 2022-23 MCDR-MPCP0CaFl/5/2022-GNR-IBM_RO_GNR , Period” 2023-24 to 2027-28
26	Date of Approval of Review of Mining/Modified of Mining with five-year period and specific condition in approval letter, if any.	RMP was approved vide letter No-MPCP0CaFl/5/2022-GNR-IBM_RO_GNR , Period” 2023-24 to 2027-28
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)	Category A
30	Captive/Non Captive	Non-Captive

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

**1.0 Exploration**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	Not proposed	Exploratory 04 core borehole done & reported in plan period. (2022-23)	
1b	Exploration over lease area for Geological axis 1 or 2.	Not proposed	Nil	
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	Not proposed	NIL	
1e	Balance reserves as on 01.03.2023	As per latest mining plan.	Total Mineral reserve 1)Proved Mineral Reserve (111) = 0 tonnes	
1f	General remarks of inspecting officer on geology, exploration etc.	Entire lease area is explored by way of core drilling done. During the Inspection time Black trap Mineral produced in the lease area.		

**2.0 Development**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Pit- 01	Pit- 01 observed.	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No proposal	Top soil = NIL OB= Nil Mineral Limestone= 5-6 Mts	No proposal for top soil & overburden
2c	Stripping ratio or ore to OB ratio	1:0.0	NIL	No OB generation
2d	Quantity of topsoil generation in m3		NIL	No top soil generation
2e	Quantity of overburden generation in m3	NA	NIL	No overburden generation
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Mining is non-working due to lack of limestone mineral. Mining work has been done in 01 pits in the past.		

**3.0 Exploitation**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	Pit 1 & 2	Pit 1 & 2	
3b	Quantity of ROM mineral production proposed	250000.01 tonnes	4210.00 production / 6279.640 despatch tonnes	
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	
3d	Quantity of mineral reject generation	0%	0%	
3e	Grade of mineral reject generation and threshold value declared	Not proposed	Not Applicable	
3f	Quantity of sub-grade mineral generation	0%	0%	
3g	Grade of sub-grade mineral generation	0%	0%	
3h	Manual / Mechanised method adopted for segregating from ROM	Not Applicable	NA	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	NA	
3j	Provision of drilling & blasting in mineral benches	Not proposed	NA	
3k	Provision of mining machineries in mineral benches	Rock Breaker, Excavator and dumpers	Rock Breaker, Excavator and dumpers	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	NA	
3m	Total area covered under excavation/pits	2.290 Ha.	2.290 Ha.	
3n	Ore to OB ratio for the pit/mine during the year	1:0.0	1:0.0	
3o	Total area put in use under different heads at the end of year	Mining-2.55 Ha Other- 00 Ha Plantation- 0.15 Ha	Mining-2.55 Ha. Other – 00 Ha. Plantation-0.310 Ha	
3p	Production of ROM mineral during last four-year period, as applicable	Yr-2019-20: 99990 tons Yr-2020-21: 99990 tons Yr-2021-22: 99990 tons Yr-2022-23: 99990 tons Yr-2023-24: 99025.98 tons	Yr 2019-20: 92500 tons Yr-2020-21: 108220 tons (Excess) Yr-2021-22: 0 tons Yr-2022-23: 28490 tons Yr-2023-24: 4210 tons	Violation issued on 25-04-2012 for excess production)

3q	General remarks of inspecting officer on method of mining etc.	Excavator/shovel, dumper combination तरीके से निर्धारित लक्ष्य से कम कार्य किया गया है।
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#### **4.0 Solid Waste Management-Dumping**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	NA, No mines waste, concurrent use of top soil for plantation.	NIL	
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	NIL	
4c	Number of dumps within lease area and outside lease area	Not Proposed	NIL	No dump in the lease area.
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Not Proposed	NIL	
4e	Number of active & alive dumps	Not Proposed	NIL	
4f	Number of dead dumps	Not Proposed	NIL	
4g	Number of dumps stabilised	Not Proposed	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	NIL	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	NIL	
4j	Number of settling ponds	Not Proposed	NIL	
4k	Specific comments of inspecting officer	There is no OB, waste, mineral rejects stack/dump in the lease area observed during the inspection.		

#### **5.0 Solid Waste Management-Backfilling**

SN	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	NIL	NIL	No O/B is proposed & generated. Hence backfilling is not feasible.
5b	Area under backfilling of mined out area	NIL	NIL	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	NIL	NIL	
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc	खान Backfilling के लिए Mature नहीं है तथा Filling material उपलब्ध नहीं है।		

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

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E(2).	As per rule	Submitted	
6b	Management of worked/mined out benches	i) Nil ii) 0 ha iii) 100 Nos iv) Nil v) Nil vi) Nil	i) Nil ii) Nil iii) Approx. 75 nos iv) Nil v) Fencing work done near lease boundary & pit area. vi) NA	
	i) Area available for rehabilitation (ha)			
	ii) Afforestation done (ha)			
	iii) No. of saplings planted during the year			
	iv) Cumulative no. of plants			
	v) Any other specific method of rehabilitation			
6c	Compliance on reclamation and rehabilitation by backfilling	Nil	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			
6d	Compliance of Rehabilitation of waste land within lease	Nil	Nil	
	i) Afforestation			
	ii) Area rehabilitated (ha)			
6e	Compliance of Rehabilitation of waste land within lease	Yes	Yes	
	iii) Method of rehabilitation			
6f	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	Yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive	The environment in the mining area was satisfactory as observed during inspection.		

#### **7.0 Mineral Conservation**

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	ROM mineral despatch	As per proposal	

7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	As per proposal	
7c	Different grade of mineral sorted out at mines	Not proposed	As per proposal	
7d	Any beneficiation process at mines	Not proposed	As per proposal	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Presently mine is not working due to no valid mining plan.		

### 8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Nil	Nil	Very thin layer of top soil present in lease area.
8b	Concurrent use or storage of topsoil	Nil	Nil	उत्पन्न top soil पौधारोपण के काम ली गयी है।
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Nil	Nil	There is no dump in the lease area.
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	As per PMCP 2023-24: 100 Nos	Approx. 75 Nos	
8g	Survival rate	80%	Low due to cyclone.	
8h	Water sprinkling on roads to control airborne dust	Regular water sprinkling is done on haul road and loading and unloading point.	Regular water sprinkling is done on haul road and loading and unloading point to control fugitive emission.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Very thin layer of Top soil occurred. The aesthetic environment of lease area is satisfactory.		

### 9.0 Compliance of Rule 45

S. N.	Item	COMMENTS		Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to till date –Submitted up to November 24. A.R. submitted up to till date- Submitted on 18-06-2024.		
S.N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer- Yes Geologist- No	Form-H submitted for mining engg..	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Covered under opencast working, buildings and plantation.	Found in order	
9d	Scrutiny of Annual return on afforestation	Plants -100 Nos Survival rate-75%	Less survival rate was found due to cyclone.	
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	Chemical Grade-3320.589 Ton Cement Grade-832.024 Ton	Chemical Grade-3320.589 Ton Cement Grade-832.024 Ton	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Rs. 400 for Chemical Grade	Found in order.	
9i	Scrutiny of Annual return on fixed assets	Rs. 2511856.00/-	Reported by lessee itself.	
9k	Scrutiny of Annual return on mining machineries	Back hoe excavator	Found in order	

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

Jigneshkumar Parmar  
Assistant Mining Engineer  
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