

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

SN	Particulars	Details
1 (a)	Name of the Mine	Ranavav Limestone Mine
1(b)	Name of Inspecting Officer	Sunil Kumar Sharma, Sr. ACOM
1(c)	Type of Inspection	FMCP / MCDR, 2017
1(d)	Date of Inspection	17.10.2024
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total ML area – 11.33 Ha (Non Forest land)
3	Mine-code	38GUJ08250
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/8089/2011
5	Name of the lessee, Address, phone, email and fax number	Mr. Deva Kara Bhutiya, Atral Bhavan, Satyam Parkrajivnagar, Porbandar, District: Porbandar, Gujarat 360560
6	Village	Ranavav
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pin code	360560
10	State	Gujarat
11	Post office	Ranavav
12	Nearest police station	Ranavav
13	Nearest Railway station	Ranavav
14	Date of Grant of Mining Lease	31/05/1976
15	Date of Execution	31/05/1976
16	Date of opening of Mine	31/05/1976
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	Devabhai Karabhai Bhutia, Gatral Bhavan, Satyam Parkrajivnagar, Porbandar. Mobile: 9825209730, Email: <a href="mailto:devabhutiya@gmail.com">devabhutiya@gmail.com</a> ; <a href="mailto:devabhutiya@yahoo.co.in">devabhutiya@yahoo.co.in</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	Pratik Sunilbhai Kadavala Gatral Bhavan, Satyam Parkrajivnagar, Porbandar Date of Appointment: 01.10.2024:
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Pratik Sunilbhai Kadavala Gatral Bhavan, Satyam Parkrajivnagar, Porbandar Date of Appointment: 01.10.2024
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Arjun Ashokbhai Mokariya Gatral Bhavan, Satyam Parkrajivnagar, Porbandar Date of Appointment: 01.08.2023
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-222/2019-20-GNR Period: From 17.06.2019 to 31.03.2021
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

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	No Backlog	Nil	As reported, EC has not been granted to the lessee, therefore, exploration has not been carried out in G-1 category. However, proposal for G-1 Category has been provided in FMCP.
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No Proposal	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Proposal	Nil	
1e	Balance reserves as on 31.03.2023 (in Metric Tonne)	UNFC code	Reserves/ Resources	Chemical and cement grade limestone
		111	298,380 tonne	
		122	428,470 tonne	
		221	78,480 tonne	
		222	741,740 tonne	
		333	83,600 tonne	
	Total	1,630,670 tonne		
1f	General remarks of inspecting officer on geology, exploration etc.	Entire lease area is mineralised deposit. Detailed exploration (G-1) has been carried out in 0.38 Ha. only. General exploration (G-2) has been carried out in 6.54 Ha. and area covered under G-3 level exploration was 1.155 Ha.		

### 2.0 Development

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Pit No. 1, South direction of the pit & north-east of the lease 2399500 N - 2399540 N 579050 E – 579220 E	Pit No. 1 South direction of the pit north-east of the lease 2366540 N- 2366540 N 579050 E – 579220 E	-
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No topsoil and No overburden proposed. Benches proposed in mineral only	No topsoil and No overburden generated in mine. Only single bench in minerals.	-
2c	Stripping ratio or ore to OB ratio	1:0	1:0	-
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.	There is no proposal of topsoil and overburden in mine. During inspection, it was found that only one bench of 4m bench height has been developed. There are two existing pits. The sizes of the pits are 3.3 Ha area of the Pit-1 and 0.25 Ha area of pit-2.		

### 3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for	One Pit; Pit No. 1	One Pit; Pit No. 1	-

	production			
3b	Quantity of ROM mineral production proposed	ROM: 76,000 tonne	5 tonne	-
3c	Recovery of saleable/usable mineral from ROM production	76,000 tonne	5 tonne	-
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	Rock breaker: 01 No. Hydraulic excavators: 1.3 cubic meter capacity (1 No.) Dumper: 17 tonne capacity (2 No.) Water sprinkler: 01 No.	Rock breaker: 01 No. Hydraulic excavators: 1.3 cubic meter capacity (1 No.) Dumper: 17 tonne capacity (2 No.) Water sprinkler: 01 No.	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes, Maximum Bench height in mineral: 6 m	Bench height in mineral: 4 m	-
3m	Total area covered under excavation/pits	Proposal for Area excavation at the end of year 2023-24 is 4.7 Ha.	Total area under excavation at the end of the year is 3.56 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	Area under mining:4.7 Ha Green belt: 1.5 Ha. Infrastructure: 0.5 Ha.	Area under Mining: 3.56 Ha. Green belt: 1.5 Ha. Infrastructure: 0.075 Ha. Mineral Stack: 0.36 Ha.	-
3p	Production of ROM mineral during last five-year period, as applicable	2019-20: 80,000 tonne 2020-21: 1,50,000 tonne 2021-22: 2,50,000 tonne 2022-23: 3,00,000 tonne 2023-24: 76,000 tonne	2019-20: 79,990 tonne 2020-21: 39,900 tonne 2021-22: 18026.380 tonne 2022-23: Nil 2023-24: 05 tonne	Last production & dispatched reported on December 2023. Violation observed under Rule 28(1)
3q	General remarks of inspecting officer on method of mining etc.	Only 5 tonne production was reported during the year 2023-24. It is reported in the FMCP that Environment Clearance is pending. During inspection, it is found that there are two active pits.		

#### 4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB	No Proposal	Nil	-

	& mineral reject (Rule 32, 33)			
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	No proposal for dumping of waste. During inspection it was found that there was no waste generation.		

### 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	No Proposal	Nil	-
5b	Area under backfilling of mined out area	No Proposal	Nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	Nil	-
5d	Total area fully reclaimed & rehabilitated	No Proposal	Nil	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	No proposal of backfilling during the year 2023-24.		

### 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). Details should be given in the format as given in Annexure-20.	Yes	Yes, Submitted along with Annual Return 2023-24	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	No proposal	Nil	
6c	Afforestation done (ha)	1.5 Ha.	1.5 Ha.	-
6d	No. of saplings planted during the year	100	40	Violation observed under Rule 11(1)
6e	Cumulative no. of plants	300 No.	184 No.	
6f	Any other specific method of rehabilitation (Fencing)	283 m fencing	Nil	
6g	Cost incurred on watch & care during the year	No Proposal	Nil	-
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No Proposal	Nil	-

6i	Compliance on reclamation and rehabilitation by backfilling ii) Void filled by waste/tailings	No Proposal	Nil	-
6j	Compliance on reclamation and rehabilitation by backfilling iii) Afforestation on the backfilled area	No Proposal	Nil	-
6k	Compliance on reclamation and rehabilitation by backfilling iv) Rehabilitation by making water reservoir	No Proposal	Nil	-
6l	Compliance on reclamation and rehabilitation by backfilling v) Any other specific means	No Proposal	Nil	-
6m	Compliance of Rehabilitation of waste land within lease i) Afforestation	No Proposal	Nil	-
6n	Compliance of Rehabilitation of waste land within lease ii) Area rehabilitated (ha)	No Proposal	Nil	-
6o	Compliance of Rehabilitation of waste land within lease iii) Method of rehabilitation	No Proposal	Nil	-
6p	Compliance of Environmental monitoring (core zone & buffer zone)	Environment monitoring once in year	Environmental monitoring is being carried out.	-
6q	General remarks of inspecting officer on PMCP compliance & progressive	During inspection, violation has been observed under rule 11(1). 100 No. saplings have been proposed during the year 2023-24 whereas only 40 No. saplings have been planted. It was also observed that no fencing was carried out during the year 2023-24.		

### 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	76000 tonne	5 tonne	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	mechanical	mechanical	-
7c	Different grade of mineral sorted out at mines	Cement grade and Chemical grade	Cement grade and Chemical grade	-
7d	Any beneficiation process at mines	No proposal	Nil	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	During the inspection it was found that the mineral was not produced as per proposal due to Environment Clearance is pending.		

### 8.0 Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	Nil	-
8b	Concurrent use or storage of topsoil	No Proposal	Nil	-
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)	300 No.	184 No.	-
8g	Survival rate	80%	50%	-
8h	Water sprinkling on roads to control airborne dust	Water sprinkling proposed	Sprinkling from water tanker	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	About 400 m long public tar road is situated within the lease area. Plantation along the both side of the road has been developed under 1.1 Ha area.		

#### 9.0 Compliance of Rule 45

S. N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	Monthly return for the month of October, 2024 submitted on 07.11.2024 Annual Return 2023-24 was submitted on 22.06.2024	-
S. N	Item	COMMENTS	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Pratik Suilbhai Kadavala Geologist: Arjunbhai Mokariya	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area covered under mining: 3.56 Ha Reclaimed- Rehabilitated area: 1.5 Ha. Infrastructure: 0.075 Ha. Mineral Stack: 0.36 Ha. Area for PMCP during the year: Nil	-
9d	Scrutiny of Annual return on afforestation	Trees Planted: 100 No. Survival Rate: 50%	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Stock of Chemical grade limestone: 40781.640 tonne	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Production cost: ₹115 per tonne Ex-mine Price: ₹ 420 per tonne	-
9i	Scrutiny of Annual return on fixed assets	Nil	-
9k	Scrutiny of Annual return on mining machineries	Water tanker: 01 No.	-

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

- (1) During the year 2021-22, violation under Rule 11(1), 26(2) and 55 was observed on inspection basis. Violation letter issued on 04/08/2021. The violation was complied on 09/11/2021. Presently no compliance is pending on earlier violation.
- (2) Drone data has been submitted on DDMS portal. The data has been analysed and found as per SOP.
- (3) During the inspection, violation on Rule 11(1), 26(2), 28(1) and 45(5)(c) has been observed which is as follows:

नियम सं.	उल्लंघन के प्रकार का विस्तृत ब्यौरा
11(1)	The following work is not being done as per the approved Mining plan No. 684(4)(1)/MP-322/2020-21 dated 26.03.2021:- (i) According to Table No. 65 of the approved mining plan, it was proposed to plant 100 no. plants during the year 2023-24 but at the time of inspection it was found that about 40 plants are survived. (ii) According to Table No. 65 of the approved mining plan 283 m fencing around plantation was proposed during the year 2023-24 but at the time of

	inspection it was found that no fencing was carried out during the year 2023-24.
28(1)	<p>Subject to the provisions of section 4A, the holder of a mining lease shall send to the authorised officer, as the case may be, and the State Government a notice in Form E when the mining or mineral processing operations in the mine or part thereof are discontinued for a period exceeding ninety days so as to reach them within one hundred and twenty days from the date of such temporary discontinuance.</p> <p>In your case, the mining operations of the mines have not been carried out since long time and you have not submitted the above said notice.</p>

Sunil Kumar Sharma  
Sr. Assistant Controller of Mines