

**MCDR-MiFLOLST/263/2022-GNR-IBM\_RO\_GNR**  
**MCDR INSPECTION REPORT**

**1.0 GENERAL**

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<b>SN</b>	<b>Particulars</b>	<b>Details</b>
1 (a)	Name of the Mine	Ranavav Limestone Mine, (Sy. No.78/5/P)
1(b)	Name of Inspecting Officer	Suil Kumar Sharma, Sr. ACOM
1(c)	Type of Inspection	MCDR Inspection
1(d)	Date of Inspection	19.12.2023
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	12.14 Ha. (Non-Forest & Govt. waste land)
3	Mine-code	38GUJ21016
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/8434/2012
5	Name of the lessee, Address, phone, email and fax number	Shri Devabhai Karabhai Butiya (will holder) (SIC) Late Shri Udaysingh Jethwa, C/o-Gatral Bhavan, Devabhai Karabhai Bhutiya Satyam Park, Rajiv Nagar, Dist- Porbandar
6	Village	Ranavav
7	Taluka/Mandal	Ranavav
8	District	Porbandar
9	Pin code	360575
10	State	Gujarat
11	Post office	Ranavav
12	Nearest police station	Ranavav
13	Nearest Railway station	Ranavav
14	Date of Grant of Mining Lease	10/02/1975, Expiry- 09/02/2025 for 50 yrs as per MMDR Act 2015
15	Date of Execution	10/02/1975
16	Date of opening of Mine	NA
17	Date of first Renewal, if applicable and its period & expiry	02/08/1994
18	Date of second Renewal, if applicable and its period & expiry	03/02/2014
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	09/02/2025, Lease period extended as per MMDR amendment act 2015 section 8A (5) (6).
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	NA
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Devabhai Karabhai Bhutiya Gatral Bhavan, Satyam Park, Rajiv Nagar, Dist- Porbandar
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri Ashwinikumar Prasad (Mining Engg.) WEF 01.12.2022.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Pratikkumar Pandya (Mining Engg.) WEF 01.12.2022.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Shri Arjun Mokriya (Geologist)
25	Date of Approval of Mining Plan/ Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23) 955/99 MCCM (N) UDP dated 22.3.2000 for 2000-01 to 2004-05.
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	682(23) (MS-362)/2006) MCCM (N) UDAI for 2006-07 to 2010-11 Dated-17.10.2006 & 684(4)(1)/ MP-253/2019-20- GNR for 2020-21 to 2024-25 (up to 09.02.2025) Dated-22/11/2019 FMCP approved vide No. 684(4)(1)/MP-495(FMCP)

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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)	A Category
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	NA	
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	NA	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	NA	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	NA	
1e	Balance reserves as on 01.12.2023 (in Mio. Metric Tonne)	(111) - 9,58,120 tonnes (122) – 99,300 tonnes (221) – 2,90,010 tonnes (222) – 29,300 tonnes (333)- 10, 12,312 tonnes Total Resources – 23,89,042 tonnes		Reserves : 10,57,420 tonnes Remaining Resources: 13,31,622 tonnes
1f	General remarks of inspecting officer on geology, exploration etc.	The lease period is going to expiry on 09.02.2025. FMCP was submitted and approved vide No. 684(4)(1)/MP-495(FMCP) (253)/2023-24 Dated 20.12.2023. The area wise level of exploration is as follows: G1: 6.0076 Ha. G2: 2.2632 Ha. G3: 3.8692 Ha.		

**2.0 Development**

SN	Item	Proposals (2022-23)	Actual work	Remarks
2a	Location of development w.r.t. lease area	It was proposed to work in Pit No.2	Excavation was carried out in lower benches/levels of south pits (Pit No.2) & North East pits also	In absence of O/B stripping ratio is not relevant in this case.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Proposed for removing separately.	No topsoil & OB generated presently.	
2c	Stripping ratio or ore to OB ratio	1:0.0	1:0.0	
2d	Quantity of topsoil generation in m3	No Proposal	NA	
2e	Quantity of overburden generation in m3	No Proposal	NA	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Overall Layout of benches found in order, as per plan. There are 04 number of pits are developed by way of mine workings & partly merged with each other. The lease area is having chemical/cement grade limestone in future use.		

**3.0 Exploitation**

SN	Item	Proposals (2022-23)	Actual work	Remarks
3a	Number of pits proposed for production	01 pit, It was proposed to work in Pit No.2	Production was carried out from Pit No. 2	-
3b	Quantity of ROM mineral production proposed	1,25,000 T	1,24,780	Entire ROM is saleable & utilises.

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3c	Recovery of saleable/usable mineral from ROM production	No Proposal	100% Recovery (Entire ROM utilise)	-
3d	Quantity of mineral reject generation	No Proposal	Nil (Entire ROM utilises & saleable)	
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Entire ROM is utilise & no mineral rejects /subgrade generated presently	
3f	Quantity of sub-grade mineral generation	No Proposal	No subgrade is generated.	
3g	Grade of sub-grade mineral generation	No Proposal	Not generated presently	
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	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	Rock breaker/Excavator Loader, tipper combination	Excavator/breakar-01 JCB01, Tippers, water tanker etc	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Mechanised working with regular bench height	OB: Nil Mineral: Average Bench Height : 4m	
3m	Total area covered under excavation/pits	Total 6.2636 Ha area proposed in present plan period 2020-21 to 2024-25 (Up to 09.02.2025)	Total excavated area is about 4.620 Ha as on 01.04.2022	
3n	Ore to OB ratio for the pit/mine during the year	NIL	NIL	
3o	Total area put in use under different heads at the end of year	Pit- 5.9250 Hect. Infra 0.0166 Ha, Road- 0.3220Ha	About Pit-4.620 Ha. Infra 0.0166 Ha, Road- 0.3220Ha	
3p	Production of ROM mineral during last five-year period, as applicable	2018-19-1,25,000 T 2019-20-11,25,000 T 2020-21-1,25,000 T 2021-22-1,25,000 T 2022-23-1,25,000 T	2018-19- 1,26,000 T 2019-20- 125025T 2020-21-46000 T 2021-22- 124999 T 2022-23- 1,24,780 T	Court case/prosecution already launched & matter is under process
3q	General remarks of inspecting officer on method of mining etc.	No working on inspection day. The lessee is using mechanised method by using Excavator having attachment of Rock breaker with tipper combination & without drilling & blasting.		

#### 4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2022-23)	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	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 stabilised	No Proposal	NA	
4h	Whether Retaining wall or garland	No Proposal	NA	

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	drain all along dumps are there		
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 inspecting officer	-	

### 5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2022-23)	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal	NA	No O/B is proposed & generated. Hence backfilling is not feasible.
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 O/B is proposed & generated. Hence no backfilling. No waste material was observed during the inspection.		

### 6.0 Progressive Mine Closure Plan

SN	Item	Proposals	Actual work	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.	Proposed	Annual report on PMCP is submitted for 2022-23	-
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	Since UPL is not yet attained. Hence not proposed.	Not done	There is no OB /waste generated.
6c	Afforestation done (ha)	0.1 Ha.	0.1 Ha.	
6d	No. of saplings planted during the year	100	100	
6e	Cost incurred on watch & care during the year	10000/-	10000/- approximate	
6f	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No Proposal	NA	-
6g	ii) Void filled by waste/tailings	No Proposal	NA	-
6h	iii) Afforestation on the backfilled area	No Proposal	NA	-
6i	iv) Rehabilitation by making water reservoir	No Proposal	NA	-
6j	v) Any other specific means	No Proposal	NA	-
6k	Compliance of Rehabilitation of waste land within lease i) Afforestation	No Proposal	NA	-
6l	Compliance of Rehabilitation of waste land within lease ii) Area rehabilitated (ha)	No Proposal	NA	-
6m	Compliance of Rehabilitation of waste land within lease iii) Method of rehabilitation	No Proposal	NA	-
6n	Compliance of Environmental	Proposed for 1. Ambient	Periodic monitoring	-

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	monitoring (core zone & buffer zone)	Air Quality - 10000/- 2. Water Quality – 10000/- 3. Noise Level survey - 10000/-	of air, water, noise done by third party agency & with in permissible limit.	
6o	General remarks of inspecting officer on PMCP compliance & progressive	Strikingly aesthetic plantation at office premises.		

### 7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	1,25,000 T (2022-23)	404.15 T (2022-23)	Lessee is utilizing entire ROM by proper sorting & sizing as per plant requirement.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual & Machines	Both for sizing, sorting & blending	
7c	Different grade of mineral sorted out at mines	Chemical/Cement grade limestone	Mostly for nearby chemical & cement industry consumption.	
7d	Any beneficiation process at mines	No Proposal	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Found Satisfactory.		

### 8.0 Environment

SN	Item	Proposals (2022-23)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal. (although soil encountered if any was proposed to be utilized for plantation purpose)	Nil	-
8b	Concurrent use or storage of topsoil	No proposal.	NA	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	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)	Proposal for plantation 100 with in 7.5m of statutory barrier etc.	Plantation was carried out with in 7.5m of statutory barrier etc.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	-	-	
8g	Survival rate	-	50%	Violation observed under Rule 11(1) for less plantation survival.
8h	Water sprinkling on roads to control airborne dust	Proposed.	As per proposal by water tankers	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Found Satisfactory.		

### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
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## MCDR-MiFLOLST/263/2022-GNR-IBM\_RO\_GNR

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S.N	Item	COMMENTS	Remarks
.	Status of submission of Monthly and Annual returns	Monthly reports were submitted up to February 2023 Annual Report for the year 2022-23 was submitted.	-
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Annual Report for the year 2022-23 was submitted on 04.05.2023.	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Total Lease Area : 12.14 ha. Forest Land : Nil Non Forest & Government Land: 12.14 Ha.	-
9d	Scrutiny of Annual return on afforestation	100 trees planted during the year 2022-23, 50% is survival rate.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	No mineral reject is generated.	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	No stock of ROM. Whereas stock of chemical grade limestone is 144656.030 tonnes as on 01.04.2023.	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale Value: 307660Rs for 404.15 tonnes mineral. Ex Mine Price: 761.25 Rs/tonne	-
9i	Scrutiny of Annual return on fixed assets	Building: Rs 611885	-
9k	Scrutiny of Annual return on mining machineries	Rock breaker: 01, Tipper: 02 Shovel: 02, Water Tanker: 01	-

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

Violation in respect of Rule 11(1) of MCDR, 2017 is observed. However, court case is under proceedings at District Court, Gandhinagar. The case is filed on July 2017 for non compliance of Rule 11(1), 26(2) and 55(1).

Date: 27.03.2024

**Signed by Sunil Kumar  
Sharma**  
**Date: 27-03-2024 17:42:32**  
**Reason: Approved**  
(Sunil Kumar Sharma)  
Sr. ACOM

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