

## 1.0 GENERAL

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SN	Particulars	Details
1(a)	Name of the Mine	Dhamlej Limestone Mine
1 (b)	Name if inspecting officer	Mohammand Nimar, DCoM
1 (c)	Accompanying Mines Representatives	Mr. Ashok Bhai Mine Owner
1(d)	Type of Inspection	Star Rating & MCDR Inspection
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	4.00Ha
2(a)	Date of Inspection	05.12.2023
3	Mine code	38GUJ08347
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/22422/2018
5	Name of the lessee, Address, phone, email and fax number	M/s Somnath Minerals Proprietor (Shri Ashokbhai Vinodbhai Jimuliya) +91-9824623327
	The Mine Address	Main Bazar, Prabhas Patan, Taluka-Veraval, District-Gir Somnath(Gujarat)
6	Village	Dhamlej
7	Taluka/Mandal	Sutrapada
8	District	Gir Somnath
9	Pin code	362 276
10	State	Gujarat
11	Post office	Somnath
12	Nearest police station	Somnath Police station
13	Nearest Railway station	Somnath Railway Station
14	Date of Grant of Mining Lease	09.01.2008
15	Date of Execution & lease period	15.04.2008 up to 14.04.2058
16	Date of opening of Mine	15.04.2008
17	Approved Mining Plan till Date, if applicable and its period & expiry	1. Letter no: 682(23)(539)/2007-UDP dated 20.02.2013 (MP) 2. Letter no: 684(4)(1)/MP-146/2018-GNR/1240 dated 02.07.2018 (RMP) 3. Letter no: 684(4)(1)/MP-304/2020-21-GNR/91 dated 25.01.2023 (MMP) Valid up to 31-03-2028
18	Date of second Renewal, if applicable and its period & expiry	Nil
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Nil
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Ashokbhai Vinodbhai Jimuliya t-2 jaydev palace somnath society, 60 feet rod, padam transport phase Veraval(Rular Area),Junagadh, Veraval, Rayon Factory, Gujarat-362266
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	Abhishek Jimuliya padam transport phase Veraval(Rular Area), Junagadh, Veraval, Rayon Factory, Gujarat-362266

I/28538/2024	23 Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Abhishek Jimuliya Padam transport phase Veraval(Rular Area), Junagadh, Veraval, Rayon Factory, Gujarat-362266
	24 Whether Geologist and Mining Engineer appointed in mines	Nikunj Keswala Padam transport phase Veraval(Rular Area), Junagadh, Veraval, Rayon Factory, Gujarat-362266

		MCDR-MIFLO/ST/110/2022-GNR-IBM_RO_GNR
	satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Yes
1/28538/2024	25 Mineral(s) granted in lease and proved for mining	Limestone
26	Method of Mining (Opencast, Underground)	Opencast
27	Category (Fully Mechanised, Others or Manual)	A
28	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 (2022-23, upto Nov 2023)	Remarks
1a	Backlog of previous year	No Proposal	Not Applicable	Total lease area is explored in G1
1b	Exploration over lease area for Geological axis 1 or 2.	No Proposal	Not Applicable	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No Proposal	Not Applicable	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Proposal	Not Applicable	
1e	Balance reserves in Ton		1,145,805.00	Only 1015.60 MT mineral produced
1f	General remarks of inspecting officer on geology, exploration etc.	No Exploration work carried out in 2022-23. Total lease area is explored in G1		

## 2.0 Development

SN	Item	Proposals (2022-23)	Actual work (2022-23,)	Remarks
2a	Location of development w.r.t. lease area	2022-23: N 22 99 94.5 E:66 72 59 N: 22 99 87.8 E:66 71 60	2022-23: N: 22 99 94.0 E:66 72 20 N: 22 99 87.0 E:66 71 45	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal	Not Applicable	
2c	Stripping ratio or ore to OB ratio	No Proposal	Not Applicable	
2d	Quantity of topsoil generation in m3	No Proposal	Not Applicable	
2e	Quantity of overburden	No Proposal	Not Applicable	

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**3.0 Exploitation**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
3a	Number of pits proposed for production	No Proposal	Not Applicable	
3b	Quantity of ROM mineral production proposed (in Ton)	100056 T	1015.60	Low due to Market demand
3c	Recovery of saleable/unsalable mineral from ROM production	100056 T	1015.60	Low due to Market demand
3d	Quantity of mineral reject generation	No Proposal	Not Applicable	Not Applicable
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Not Applicable	Not Applicable
3f	Quantity of sub-grade mineral generation	No Proposal	Not Applicable	Not Applicable
3g	Grade of sub-grade mineral generation	No Proposal	Not Applicable	Not Applicable
3h	Manual / Mechanised method adopted for segregating from ROM	No Proposal	Not Applicable	Not Applicable
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	Not Applicable	Not Applicable
3j	Provision of drilling & blasting in mineral benches	No Proposal	Not Applicable	Not Applicable
3k	Provision of mining machineries in mineral benches	No Proposal	Not Applicable	Not Applicable
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6m	<6m	
3m	Total area covered under excavation/pits	0.6 Ha	0.5Ha	
3n	Ore to OB ratio for the pit/mine during the year	Nil		
3o	Total area put in use under different heads at the end of year	3.20	2.67	
3p	Production of ROM mineral during last five-year period, as applicable	2021-22:100056 2022-23:100056	2021-22:28093 2022-23: 1015.60	
3q	General remarks of inspecting officer on method of mining etc.	No Mining operations are being carried out due to low market demand.		

**4.0 Solid Waste Management-Dumping**

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
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4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No Proposal	Not Applicable	
4b	Location of topsoil, OB & mineral reject dumps	No Proposal	Not Applicable	
4c	Number of dumps within lease area and outside lease area	No Proposal	Not Applicable	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	Not Applicable	
4e	Number of active & alive dumps	No Proposal	Not Applicable	
4f	Number of dead dumps	No Proposal	Not Applicable	
4g	Number of dumps stabilised	No Proposal	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps are there	No Proposal	Not Applicable	
4i	Length of Retaining wall or garland drain all along dump	No Proposal	Not Applicable	
4j	Number of settling ponds	No Proposal	Not Applicable	
4k	Specific comments of inspecting officer	No Proposal for backfilling and reclamation and no work carried out.		

### 5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	Not Applicable	
5b	Area under backfilling of mined out area (yearly and cumulative)	No Proposal	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	Not Applicable	
5d	Total area fully reclaimed & rehabilitated	No Proposal	Not Applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No Proposal	Not Applicable	

### 6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
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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 on 28.06.2023	
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 v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	1.1 Ha 50 No of Plant	50 SAPLINGS	
6c	Compliance on reclamation and rehabilitation by backfilling i) Total cumulative Mined out area already reclaimed by means of backfilling (in hect) at the end of financial year ii) Afforestation on the backfilled area iii) Rehabilitation by making water reservoir iv) Any other specific means	No Proposal	Not Applicable	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Proposal	Not Applicable	

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6e	Compliance of Environmental monitoring (core zone & buffer zone)	No Proposal	Not Applicable	
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6f	Other (specify) : Fencing	No Proposal	As reported no work carried out	
6g	General remarks of inspecting officer on PMCP compliance & progressive	The PMCP returns are submitted on time as per the provision of Rule 26 of MCDR 2017 on 28.06.2023. No Mining operations are being carried out due to low market demand.		

### 7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposal	Not Applicable	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposal	Not Applicable	
7c	Different grade of mineral sorted out at mines	No Proposal	Not Applicable	
7d	Any beneficiation process at mines	No Proposal	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	No Mining operations are being carried out due to low market demand.		

### 8.0 Environment

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No Proposal	Not Applicable	
8b	Concurrent use or storage of topsoil	No Proposal	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	Not Applicable	
8d	Use of overburden, waste rock, rejects and fines dump for restoring the land to its original use	No Proposal	Not Applicable	



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8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Not Applicable	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	50 saplings	Approx 50 no of saplings planted (area of 0.1 Ha)	
8g	Survival rate	75%	70%	
8h	Water sprinkling on roads to control airborne dust	NO working		
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	Mining area is surrounded by villages with plantations. No Mining operations are being carried out due to low market demand.		

### 9.0 Compliance of Rule 45

S.N.	Item	COMMENTS	Remarks
1.	Status of submission of Monthly and Annual returns	AR for 2022-23 submitted on 28.06.2023& MR for Nov'2023 submitted on 09.12.2023	Submitted within stipulated time period.

S.N.	Item	Details GIVEN in A.R.	Observation of I/ Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer :- Abhishek Jimuliya, Geologist :- Nikunj Keswala	Mining Engineer :- Abhishek Jimuliya, Geologist :- Nikunj Keswala	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Mining- 2.6 Plantation:- 0.1	Mining- 2.6 Plantation:- 0.1	
9d	Scrutiny of Annual return on afforestation	50 saplings over an area of 0.1 Ha	50 saplings over an area of 0.1 Ha	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil	

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9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM- Nil Graded Ore -628.30 MT		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex Mine Price ₹ 244.00	Ex Mine Price ₹ 244.00	
9i	Scrutiny of Annual return on fixed assets	₹ 1100000	₹ 1100000	
9k	Scrutiny of Annual return on mining machineries	Back Hoe 1.250 Cum 1	Back Hoe 1.250 Cum 1	

**Observation made:- At the time of inspection the mine was not working due to low market demand.**

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

1. Last year 2021-22 no violation were pointed out. This year also no significant violation found.
2. The inspection was done for verification of Star Rating. Online verification of Star Rating done and awarded three star rating as self assessed by the lease.
3. During inspection the mine was not working.

Mohammad Nimar  
Deputy Controller of Mines  
IBM, Gandhinagar