

## MCDR INSPECTION REPORT

1/33283/2024

**1.0 GENERAL**

SN	Particulars	Details
1	Name of the Mine	Malvada Limestone Mines, 35/P
1 (a)	Name of the lessee	Sh. Jaydev Thakore Legal Heir Lilavati Prakash Thakore
1(b)	Name of Inspecting Officer & Designation	Sh. Snehalkumar Patel, AME
1(c)	Accompanying Mines Representatives	Mr. Jaydevbhai & Team
1(d)	Type of Inspection	Review of Mining Plan
1(e)	Date of Inspection	16-11-2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non-Forest-4.90 Ha
3	Minecode	38GUJ07076
4	IBM Registration Number under rule 45 of MCDR, 2017	IBM/6651/2011
5	Name of the lessee, Address, phone, email and fax number	Sh. Jaydev Thakore Legal Heir Lilavati Prakash Thakore R/o- Thakor farm NH-8B, Dhoraji Road, Near Upleta Bypass, Borad, Upleta, Dist.- Rajkot, Gujarat-360490 Mob. 9924278605 E-mail: chandradevthakore@gmail.co m
6	Village	Malvada
7	Taluka/Mandal	Jamjodhpur
8	District	Jamnagar
9	Pincode	360590
10	State	Gujarat
11	Post office	Jamjodhpur
12	Nearest police station	Jamjodhpur
13	Nearest Railway station	Jamjodhpur
14	Date of Grant of Mining Lease	
15	Date of Execution	09-03-2006
16	Date of opening of Mine	09-03-2006
17	Date of first Renewal, if applicable and its period & expiry	N/A
18	Date of second Renewal, if applicable and its period & expiry	N/A
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	N/A
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	N/A
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	N/A
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	N/A Due to mines not working.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	N/A Due to mines not working.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Yes, Geologist – Sh. Balram Mining Engineer- N/a Due to mines not working.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23)( 361)/2004-MCCM(N)-UDP, Date = 20-06-2013 Period 2013-14 to 2015-16
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-129/2018-GNR-Dated 29-05-2018 2018-19 to 2020-21
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' Mechanised.
30	Captive/Non Captive	Non-Captive

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

1/33283/2024.0 **Exploration**

SN	Item	Proposals (2022-23)	Actual work	Remarks
1a	Backlog of previous year	04 BH	As reported during inspection no work carried out	Entire area is explored to G-1 Level
1b	Exploration over lease area for Geological axis 1 or 2.	5 BH in year 2018-19	09 BH Work done. Form I & J submitted.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Self	Work done. Form I & J submitted.	
1d	Balance area to be explored to bring Geological axis in 1 or 2	N.A.	N.A.	
1e	Balance reserves as on 01.04.2022	Proposed	111- 661234 T 221- 237524 T	
1f	General remarks of inspecting officer on geology, exploration etc.	वर्ष 2022-23 के लिए पूर्वक्षण प्रस्ताव नहीं हैं। पूर्व वर्ष 2018-19 में 09 Bore Hole किया गया है।		

**2.0 Development**

SN	Item	Proposals (2022-23)	Actual work	Remarks
2a	Location of development w.r.t. lease area	Pit-1	Pit no. 1	अनुमोदित खनन योजना नहीं होने के कारण वर्ष 2022-23 के लिए Development प्रस्ताव नहीं हैं।
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	N.A.	N.A.	There is marginal top soil in the area.
2c	Stripping ratio or ore to OB ratio	1:0	1:0	No OB in the area.
2d	Quantity of topsoil generation in m3	NIL	NIL	
2e	Quantity of overburden generation in m3	NIL	NIL	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	अनुमोदित खनन योजना नहीं होने के कारण खनन कार्य बंद है। पूर्व में 01 पिट में खनन कार्य किया गया है। निरीक्षण के समय खनन कार्य होता हुआ नहीं पाया गया।		

**3.0 Exploitation**

SN	Item	Proposals (2022-23)	Actual work	Remarks
3a	Number of pits proposed for production	Nil	Pit No. 1	
3b	Quantity of ROM mineral production proposed	Nil	Nil	
3c	Recovery of salable/usable mineral from ROM production	Nil	Nil	
3d	Quantity of mineral reject generation	NIL	NIL	No mineral reject
3e	Grade of mineral reject generation and threshold value declared	NIL	NIL	
3f	Quantity of sub-grade mineral generation	NIL	NIL	No Sub-grade Mineral
3g	Grade of sub-grade mineral generation	NIL	NIL	
3h	Manual / Mechanised method adopted for segregating from ROM	NIL	NIL	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NIL	NIL	
3j	Provision of drilling & blasting in mineral benches	NIL	NIL	
3k	Provision of mining machineries in mineral benches	NIL	Yes Excavator/ dumper	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes O/B-NA Ore-6.0 M	During inspection bench height & width of irregular shape were observed.	
3m	Total area covered under excavation/pits	Nil	1.52 Ha.	

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3n	Ore to OB ratio for the pit/mine during the year	Nil	1:0	
3o	Total area put in use under different heads at the end of year		OC working-1.52 हे. Others- 0.17 हे.	
3p	Production of ROM mineral during last five-year period, as applicable (MT)	Yr-2018-19-42048 Yr-2019-20-42070 Yr-2020-21-43212 Yr-2021-22-NA Yr-2022-23-NA	Yr-2018-19-27922 t Yr-2019-20-42658 t Yr-2020-21- NIL Yr-2021-22-NA Yr-2022-23-NA	Yr2019-20 excess production, violation already issued on 16-06-2021.
3q	General remarks of inspecting officer on method of mining etc.	Excavator/dumper के combination से कार्य किया गया है। अनुमोदित खनन योजना नहीं होने के कारण वर्तमान में खनन कार्य बंद है।		

#### 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)	NIL	NIL	
4b	Location of topsoil, OB & mineral reject dumps	NIL	NIL	
4c	Number of dumps within lease area and outside lease area	NIL	NIL	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	NIL	
4e	Number of active & alive dumps	NIL	NIL	
4f	Number of dead dumps	NIL	NIL	
4g	Number of dumps stabilised	NIL	NIL	
4h	Whether Retaining wall or garland drain all along dumps are there	NIL	NIL	
4i	Length of Retaining wall or garland drain all along dump	NIL	NIL	
4j	Number of settling ponds	NIL	NIL	
4k	Specific comments of inspecting officer	पट्टा क्षेत्र में OB, waste, mineral reject नहीं हैं।		

#### 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.	NIL	NIL	
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	पूर्व में उत्पन्न Top soil पोषारोपण में कम ली गयी है।
5d	Total area fully reclaimed & rehabilitated	NIL	NIL	
5e	General remarks of inspecting officer on backfilling, reclamation etc	वर्तमान में पिट UPL तक नहीं पहुंची है तथा पिट पर filling material उपलब्ध नहीं है।		

#### 6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2022-23)	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.	As per rule	Submitted.	
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	NIL	NIL	
6c	Compliance on reclamation and rehabilitation by backfilling 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	NIL	NIL	

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6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NIL	50	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	NIL	NIL	
6f	General remarks of inspecting officer on PMCP compliance & progressive	अनुमोदित खनन योजना नहीं होने के कारण खनन कार्य बंद है।		

### 7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NIL	ROM	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	NIL	NIL	
7c	Different grade of mineral sorted out at mines	NIL	NIL	
7d	Any beneficiation process at mines	NIL	NIL	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	ROM की सीधे निकटवर्ती सीमेंट कंपनी में आपूर्ति की जाती है।		

### 8.0 Environment

SN	Item	Proposals (2022-23)	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NIL	NIL	वर्ष 2022-23 के लिए अनुमोदित खनन योजना नहीं है।
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 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	Not matured.
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	NIL	NIL	
8g	Survival rate	NIL	50%	
8h	Water sprinkling on roads to control airborne dust	NIL	NIL	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	पट्टाधारक द्वारा पौधारोपण किया गया है। Aesthetic beauty संतोषजनक है।		

### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS		Remarks
9a	Status of submission of Online Monthly and Annual returns	M.R. Submitted up to till date - Yes A.R. submitted for the year 2022-23 on 29-06-2023		
S.N	Item	Details given in A.R.(2021-22)	Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	No mining engineer, one geologist	No ME present during inspection.	अनुमोदित खनन योजना नहीं होने के कारण निरीक्षण के समय खनन कार्य बंद था।
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Under OC working- 1.607 हे. Others- 0.116 हे.	Under OC working- 1.607 हे. Others- 0.116 हे.	
9d	Scrutiny of Annual return on afforestation	150 no plants was proposed	Not done.	

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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	NIL	NIL	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	NIL	NIL	
9i	Scrutiny of Annual return on fixed assets	NIL	NIL	
9k	Scrutiny of Annual return on mining machineries	Tipper, Loader, Water tanker	Tipper, Loader, Water tanker	

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

**pointed out:-** पट्टाधारक श्रीमती लीलावतीबेन प्रकाशभाई ठाकोर का निधन होने के कारण यह खान का खनन कार्य बंद था। यह खान श्रीमती लीलावतीबेन प्रकाशभाई ठाकोर का निधन के बाद श्री जयदेव प्रकाशभाई ठाकोर के नाम से माइनिंग प्लान दिनांक 21-03-2024 को अनुमोदित हुआ है। अनुमोदित खनन योजना नहीं होने के कारण निरीक्षण के समय खनन कार्य बंद था। निरीक्षण के समय खनन कार्य होता हुआ नहीं पाया गया। वर्तमान निरीक्षण के समय कोई Significant उल्लंघन नहीं पाया गया।

स्नेहलकुमार पटेल  
सहायक खनन अभियंता  
भारतीय खान ब्यूरो

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