

INDIAN BUREAU OF MINES

--:-- Inspection Report --:--

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	38GUJ05004	Lease Area (Ha) :	612.1336
Forest Area (Ha) :	N/A	Mine Code :	38GUJ05004
Registration Number :	IBM/265/2011	Name of lessee :	NIRMA LIMITED
Address of lessee :	NIRMA HOUSE, ,Ashram Road, Near Income Tax,, Ahmedabad	Phone of lessee :	079-27546565
Email of lessee :	Mines@nirma.co.in	Fax Number :	N/A
Village :	Vangar	Taluka / Mandal :	Mahuva
District :	Bhavnagar	Pincode :	380009
State :	Gujarat	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2017-01-11	Date of Mining Lease Execution :	2017-01-11
Date of opening in the mine :	2024-09-17		

Nominated Owner Details			
Name of the Nominated Owner :	Mr Ashish K Desai	Nominated Owner Address:	NIRMA HOUSE, ASHRAM ROAD, AHMEDABAD
Nominated Owner Mobile :	9825320090	Nominated Owner Email :	Mines@nirma.co.in
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2024-10-11
Mining Engineer Details			
Name of the Mining Engineer :	Mr. Dhananjay Kumar Singh	Qualification of Mining Engineer :	AMIE - Mining
Address of Mining Engineer :	Nirma Cement Plant, Vill. - Padhiyarka, Ta. - Mahuva, Dist. - Bhavnagar-364290	Phone of Mining Engineer :	7573020779
Email of Mining Engineer :	Mahuvamines@nirma.co.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2025-07-30		
Geologist Details			
Name of the Geologist :	Mr. Vadhiya Dilip Varjangbhai	Qualification of Geologist :	M.sc. Geology
Address of Geologist :	Nirma Cement Plant, Vill. - Padhiyarka, Ta. - Mahuva, Dist. - Bhavnagar-364290	Phone of Geologist :	8154046441
Email of Geologist :	Mahuvamines@nirma.co.in	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2025-01-01		
Mine Manager Details			
Name of the Mine Manager :	Mr. Sarman Vala	Qualification of Mine Manager :	B.E. Mining
Address of Mine Manger :	Nirma Cement Plant, Vill. - Padhiyarka, Ta. - Mahuva, Dist. - Bhavnagar-364290	Phone of Mine Manger :	7573020779

Email of Mine Manger :	Mahuvamines@nirma.co.in	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2025-07-30		
Mineral(s) granted in lease and proved for mining :	LIMESTONE,MARL	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-11-25 (2026 - 2030)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Sunil Kumar Sharma
Designation :	SR ACOM
Name of the Accompanying Official from Mine :	Mehul Sharma
Designation of the Accompanying Official :	Senior Assistant Controller of Mines
Type of Inspection :	MCDR,MPAS
Date of Inspection :	07/05/2025
Review year considered for MCDR Inspection :	2024-2025

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2.2.1 : Exploration Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of Core Boreholes	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Number of DTH Boreholes	PBH-1 to 183	Nil	No drilling carried out against proposal	Rule 11(1)
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	108.81 Ha	108.81 Ha	Nil	No Violation
Remark: NIL Remark File: NIL					

6	Lateral exploration status for the lease area-G2	104.39 Ha	104.39 Ha	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	171.10 Ha	171.10 Ha	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	Total reserve (121,122) as on 01/04/2021-14,913,000 T Total Mineral Resources (221,222, 333) - 20,626,000 T	Total reserve (121,122) as on 31/03/2025-14,911,568.82 T Total Mineral Resources (221,222,333) - 20,626,000 T	Nil	No Violation
Remark: Production during the year 2024-25: 1,431.18 T Remark File: NIL					

2.3.1 : Development - Opencast Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Location of development w.r.t. lease area	Pit-1	Pit-1	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of overburden generation in m3	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Quantity of topsoil generation in m3	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0.0	1:0.0	Nil	No Violation
Remark: NIL Remark File: NIL					

2.4.1 Exploitation - Opencast Mine Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation
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					n under Rule
1	Number of pits / Blocks proposed for production	Pit 1 E 779497 to E779777 N 2330797 to 2331020	New Pit	Mining operation was not carried out at the proposed location.	Rule 11(1)
Remark: Mining operation was not carried out at the proposed location. Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	160133	1431.185	158701.815	No Violation
Remark: Less development compared to proposal resulting less production. Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	160133	1431.185	158701.815	No Violation
Remark: NIL Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	No proposal	Nil	Nil	No Violation
Remark: NIL					

Remark File: NIL					
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Height- 6.0 m (max) Width- 12-15 m	With in the limit	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					

2.4.3 : Exploitation - Dump Working Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of dumps proposed for production	No Proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	No Proposal	Nil	Nil	No Violation

Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	No Proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	No Proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	No Proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No Proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	No Proposal	Nil	Nil	No Violation
Remark: NIL					

Remark File: NIL

2.5.1 : OB/Waste Dumps Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	No proposal during the FY 2024-25	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Temporary storage of top soil near boundary pillar no. 6 to 8	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Number of dead dumps	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Number of dumps	No proposal	Nil	Nil	No

	proposed for stabilised				Violation
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					

2.6.1 : Solid Waste Management - Backfilling (Opencast) Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Status on part or full extraction of mineral from mined out area before starting backfilling	No proposal during the year 2024-25	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Year-wise area under backfilling of mined out area	No proposal during the year 2024-25	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Year-wise topsoil generation, Utilization	Top soil generartion:- 2023-24: 22000 2024-25: 2025-26: 133670 Storage of top soil of quantity	--	Nil	No Violation

	and Stored proposal (in m3)	155670 (up to plan period 2025-26) near boundary pillar no. 6 to 8 over an area of 4.63 Ha. No proposal for utilization during the plan period (2021-22 to 2025-26)			n
Remark: NIL Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	No proposal during the year 2024-25	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	No proposal during the year 2024-25	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					

2.7.1 : Progressive Mine Closure Plan (PMCP) Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Compliance on reclamation and rehabilitation by backfilling/Other means Total area and numbers of plantation proposed.	No proposal during the year 2024-25	Nil	Nil	No Violation
Remark: NIL					

Remark File: NIL					
2	Rehabilitation by making water reservoir	No proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Proposal for the FY 2024-25: Area- 1.0 Ha, Plantation- 1000 nos Fencing- 1034 m	Nil	Plantation not carried out against the proposal.	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	As per norms of MoEF&CC	As per norms of MoEF&CC	Nil	No Violation
Remark: NIL Remark File: NIL					

2.8.1 : Mineral Conservation Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposal	Nil	Nil	No Violation

Remark: NIL Remark File: NIL					
2	Different grade of mineral sorted out at mines	No Proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	No Proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	No Proposal	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					

2.9.1 : Environment Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate removal and utilization of topsoil	No proposal during the year 2024-25	Nil	Nil	No Violation
Remark: NIL					

Remark File: NIL					
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal during the year 2024-25	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal during the year 2024-25	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	Proposal for plantation (2024-25)- 1000 nos	Nil	Plantation not carried out against the proposal	Rule 11(1)
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	As per requirement	As per requirement	Nil	No Violation
Remark: NIL Remark File: NIL					

2.10 : Annual Return Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under
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					Rule
1	Submission of Online Monthly and Annual returns in prescribed period or not	As per statute.	Last annual return for the FY 2024-25 submitted on 27.06.2025 Last monthly return for the month Nov-2025 submitted on- 6.12.2025	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	As per statute.	Mining Engineer: Mr. Dhananjay Kumar Singh Geologist: Mr, Dilip Vadhiya	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	As per statute.	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not applicable	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	As per statute.	Submitted	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	With in the limit	Ex. Mine price: 347.60 Cost of production: 1507.58	Nil	No Violation
Remark: NIL Remark File: NIL					

2.11 : SDF Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Start Ratings accorded for mine during last 3 years	Not Applicable	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					

Part-III : Other Reports**3.1.1 : Upload Other Reports**

S.N.	Reports File	Remark File Description
1	1767613031695ba26794f2bVANGAR.pdf	Drone data analysis report
2	1767613031695ba2679bcf2Mining_Lease_List-Vangar.pdf	MIDPAS report

Part-IV : Summary Details

4.1 : Summary of Violations

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Exploration : Number of DTH Boreholes	PBH-1 to 183	Nil	No drilling carried out against proposal	Rule 11(1)
Remark: NIL Remark File: NIL					
2	Exploitation - Opencast Mine : Number of pits / Blocks proposed for production	Pit 1 E 779497 to E779777 N 2330797 to 2331020	New Pit	Mining operation was not carried out at the proposed location.	Rule 11(1)
Remark: Mining operation was not carried out at the proposed location. Remark File: NIL					
3	Environment : Plantation & Survival rate	Proposal for plantation (2024-25)- 1000 nos	Nil	Plantation not carried out against the proposal	Rule 11(1)
Remark: NIL Remark File: NIL					
4	Exploration: Number of DTH Boreholes	PBH-1 to 183	Nil	No drilling carried out against proposal	Rule 11(1)
Remark: NIL Remark File: NIL					
5	Exploitation - Opencast Mine: Number of pits / Blocks proposed for production	Pit 1 E 779497 to E779777 N 2330797 to 2331020	New Pit	Mining operation was not carried out at the proposed location.	Rule 11(1)

Remark: NIL
Remark File: NIL

6	Environment: Plantation & Survival rate	Proposal for plantation (2024-25)- 1000 nos	Nil	Plantation not carried out against the proposal	Rule 11(1)
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Remark: NIL
Remark File: NIL

Final Submitted

Esigned by: Sunil Kumar Sharma
Date: 19/01/2026 10:52:42 AM