

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	38GUJ21095	Lease Area (Ha) :	101.17
Forest Area (Ha) :	N/A	Mine Code :	38GUJ21095
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 :	Boricha	Taluka / Mandal :	Porbandar
District :	Porbandar	Pincode :	380009
State :	Gujarat	Post Office :	N/A
Nearest Police Station :	Bagvadar	Nearest Railway Station :	Ranavav
Date of Grant of Mining Lease :	2066-07-10	Date of Mining Lease Execution :	2066-07-10
Date of opening in the mine :	2022-10-18		

<b>Nominated Owner Details</b>			
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
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Shri Ajay Jotava	Qualification of Mining Engineer :	Degree In Mining Engineer
Address of Mining Engineer :	Saurashtra Chemical, Division Of Nirma Ltd. Porbandar	Phone of Mining Engineer :	9016687625
Email of Mining Engineer :	Boricha_pbr@nirma.co.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2024-04-17		
<b>Geologist Details</b>			
Name of the Geologist :	Shri Samrath Rathore	Qualification of Geologist :	M.Sc (Geology)
Address of Geologist :	Saurashtra Chemical, Division Of Nirma Ltd. Porbandar	Phone of Geologist :	9926301543
Email of Geologist :	Boricha_pbr@nirma.co.in	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2024-09-13		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Shri Rakesh Patel	Qualification of Mine Manager :	Diploma In Mining Engineer With 1st Class Certificate
Address of Mine Manger :	Saurashtra Chemical, Division Of Nirma	Phone of Mine Manger :	9265516211

	Ltd. Porbandar		
Email of Mine Manger :	Quarry_pbr@nirma.co.in	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2024-04-17		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-11-25 (2026 - 2029)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

## Part-II : Other Information

### 2.1.1 : Inspection Details

Inspecting Officer :	NAMAN EKKA
Designation :	Senior Mining Geologist
Name of the Accompanying Official from Mine :	Shri Rakesh Patel
Designation of the Accompanying Official :	Mines Manager
Type of Inspection :	MCDR,STR
Date of Inspection :	27/08/2025
Review year considered for MCDR Inspection :	2024-2025

**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	21	21	0.000	No Violation
Remark: NIL Remark File: NIL					
2	Number of DTH Boreholes	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	19.552	68.63	-49.078	No Violation
Remark: NIL Remark File: NIL					

6	Lateral exploration status for the lease area-G2	23.917	8.35	15.567	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	57.7017	24.19	33.512	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	Nil	Nil	0.000	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 Reserves - 2545640 M.T Total Resources - 26548760 M.T	Total Reserves - 24531200 M.T Total Resources - 13607000 M.T	NIL	No Violation
Remark: NIL 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 No. 4 Coordinates as per Plan- 21Deg44min57.85sec N, 69Deg40min 38.92sec E to 21Deg44min59.21sec N, 69Deg40min52.94sec E	During inspection it was observed that Pit no 3 has been merged with pit no. 4, combining as a single pit falling within the co-ordinates 21Deg44min 32.68sec N, 69Deg40min 36.42sec E to 21Deg44min58.37sec N, 69Deg40min47.64sec E	NIL	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of overburden generation in m3	No Proposal for Overburden	As reported during inspection no work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Quantity of topsoil generation in m3	No proposal for Topsoil Generation	As reported during inspection no work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:00	1:00	NIL	No Violation
Remark: NIL Remark File: NIL					

#### 2.4.1 Exploitation - Opencast Mine Details

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S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of pits / Blocks proposed for production	1 Pit; Pit no. 4	During inspection it was observed that Pit no 3 has been merged with pit no. 4, combining as a single pit	NIL	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	300000	299523.92	476.080	No Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	240000	259243.92	-19243.920	No Violation
Remark: Recovery has been done more as proposed Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	60000	40280	19720.000	No Violation
Remark: Less Mineral reject; It is an undersized material, chemical composition and grade are same, which is not being consumed by its captive plant. Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Chemical Grade; Under size Material	Chemical Grade; Under size Material	NIL	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral	Manual and Mechanised both	Both Manual and Mechanised	NIL	No Violation

	rejects from ROM				
Remark: NIL Remark File: NIL					
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	Benches height in mineral - 3 m	Benches height in mineral - nearly 3 m	NIL	No Violation
Remark: NIL Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	NO	NO	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	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of dump	0	0	0.000	No

	material handling Proposed (in Tonne)				Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No	No work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
8	Manual / Mechanized method adopted for	No	No work carried out	NIL	No Violation

	dump working			n
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	Top soil generated 28 Tons is being utilized in Plantation	NIL	No Violation
Remark: NIL Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No Proposal	Location of Top Soil generation 21Deg45min 00.39 sec N : 69Deg40 min 47.24sec E	NIL	No Violation
Remark: Topsoil generated due to the merging of Old Pit 3 and Pit 4 Remark File: NIL					
3	Number of active & Inative dumps	No proposal	NIL	NIL	No Violation
Remark: No waste dumps observed at site. Remark File: NIL					
4	Number of dead dumps	No proposal	NIL	NIL	No Violation

Remark: No dead dumps observed Remark File: NIL					
5	Number of dumps proposed for stabilised	No proposal	NIL	NIL	No Violation
Remark: No stabilized dumps observed 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	As per conceptual Plan Full Extraction.	NO work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
2	Year-wise area under backfilling of mined out area	No proposal	No mined out area	NIL	No Violation
Remark: NIL					

Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	No proposal	28 tonnes	NIL	No Violation
Remark: As informed Topsoil used in plantation. Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	No proposal	No work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	No proposal	No work carried out	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.	1000 Plants in 7.5 m safety barrier and 50 m Buffer	1950 Trees Planted	NIL	No Violation

Remark: NIL Remark File: NIL					
2	Rehabilitation by making water reservoir	No proposal	No Work carried out	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	No proposal	No Work carried out	NIL	No Violation
Remark: NO waste land available within the Lease area Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Quarterly proposal of Air, water and Noise.	Environmental monitoring is being done quarterly	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	Sorting for Under size Material	Sorting done for Undersize material	NIL	No Violation

	within lease area				n
Remark: NIL Remark File: NIL					
2	Different grade of mineral sorted out at mines	Chemical Grade and Cement Grade	Chemical Grade and Cement Grade	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	NO such proposal	No activity carried out	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 such proposal	No activity carried out	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 such proposal	28 tons topsoil have been removed and utilized in the plantation	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	NO work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Mined out pits will be utilized as rain water storage and harvesting	There are no mined out pits	NIL	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	Plantation - 1000 trees survival Rate - 80%	Plantation - 1920 trees survival Rate - 80%	NIL	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Yes proposed	Water sprinkling on haul roads to control airborne dust is being done	NIL	No Violation
Remark: NIL Remark File: NIL					

**2.10 : Annual Return Details**

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S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Submission of Online Monthly and Annual returns in prescribed period or not	Yes Proposed	Online Monthly and Annual Returns are being received within due date	NIL	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Yes Proposed	Mining Engineer & Geologist as per provisions	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Yes	Under PART-V (General Geology & Mining) Exploration activities At the beginning of the year is not reported	Yes	Rule 45(7)
Remark: Under PART-V (General Geology & Mining) Exploration activities At the beginning of the year is not reported Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Yes Proposed	PMCP approved along with Mining Plan	NIL	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	Yes Proposed	Yes, Notices and Returns for the lease area submitted where fine is applicable	NIL	No Violation
Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	1) Ex.Mine Prise Rs.481.60/- per tonne (2) Cost of production 481.60/-	1) Ex.Mine Prise Rs.481.60/- per tonne (2) Cost of production 481.60/-	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	Yes Proposed	(2022-23) - 3 Star (2023-24) - 4 star (2024-25) - 4 Star	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	<a href="#">177124495069930d9627958Boricha_Midpas.pdf</a>	Midpas Report
2	<a href="#">177124495069930d962c667Pit_profile_Zinzarka.pdf</a>	PIT Profile 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	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Yes	Under PART-V (General Geology & Mining) Exploration activities At the beginning of the year is not reported	Yes	Rule 45(7)
Remark: Under PART-V (General Geology & Mining) Exploration activities At the beginning of the year is not reported Remark File: NIL					
2	Drone Data for the Year 2024-25	To be submitted as per SOP as per Rule 34A(5) of MCDR 2017; applicable land use data to be provided in a single shape file with proper nomenclature of features in attribute data of the shape file.	land use data has not been provided in a single shape file with proper nomenclature of features in attribute data of the shape file; Lease area, Actual Excavation and Infrastructure cannot be calculated	land use data has not been provided in a single shape file with proper nomenclature of features in attribute data of the shape file; Lease area, Actual Excavation and Infrastructure cannot be calculated	Rule 34A(5)
Remark: NIL Remark File: NIL					

Signed by: NAMAN EKKA  
 Date: 16/02/2026 06:05:24 PM