

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	LODHAVA LIMESTONE MINE	Lease Area (Ha) :	505.6839
Forest Area (Ha) :	N/A	Mine Code :	38GUJ08365
Registration Number :	IBM/447/2011	Name of lessee :	M/s Ambuja Cements Limited
Address of lessee :	Ambujanagar, Kodinar Veraval Highway, Kodinar, Gir Somnath, Gujarat, 362715 ,Adani Corporate House, Shantigran, Near Vaishno Devi Circle, S G Highway, Khodiyar	Phone of lessee :	0792-5555555
Email of lessee :	Siddhartha.ranjan@adani.com	Fax Number :	N/A
Village :	Lodhva	Taluka / Mandal :	Sutrapada
District :	Gir Somnath	Pincode :	382421
State :	Gujarat	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2017-01-04	Date of Mining Lease Execution :	2017-01-02

Date of opening in the mine :	Nilsss		
Nominated Owner Details			
Name of the Nominated Owner :	Mr Vinod Bahety	Nominated Owner Address:	B1 1201 Waterlily Apartments Adani Shantigram
Nominated Owner Mobile :	9096086625	Nominated Owner Email :	Ceo.cementbusiness@adani.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2025-04-01
Mining Engineer Details			
Name of the Mining Engineer :	Shri Tripurari Choudhary	Qualification of Mining Engineer :	Diploma (Mining) With First Class Mines Manager Of Competency
Address of Mining Engineer :	M/s Ambuja Cements Limited, At & PO: Ambujanagar, Taluka: Kodinar, District: Gir Somnath, State: Gujarat- 362 715	Phone of Mining Engineer :	2795237217
Email of Mining Engineer :	N/A	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2023-08-18		
Geologist Details			
Name of the Geologist :	Shri Harshilkumar Girishbhai Patel	Qualification of Geologist :	MSc Geology
Address of Geologist :	M/s Ambuja Cements Limited, At & PO: Ambujanagar, Taluka: Kodinar, District: Gir Somnath, State: Gujarat- 362 715	Phone of Geologist :	2795237217
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2024-08-20		
Mine Manager Details			

Name of the Mine Manager :	Shri Tripurari Choudhary	Qualification of Mine Manager :	Diploma (Mining) With First Class Mines Manager Of Competency
Address of Mine Manger :	M/s Ambuja Cements Limited, At & PO: Ambujanagar, Taluka: Kodinar, District: Gir Somnath, State: Gujarat- 362 715	Phone of Mine Manger :	2795237217
Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2023-08-18		
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 :	2025-05-06 (2024 - 2026)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Mohammad Nimar
Designation :	Deputy Controller Of Mines
Name of the Accompanying Official from Mine :	Shri Tripurari Choudhary
Designation of the Accompanying Official :	Mining Engineer
Type of Inspection :	MCDR,STR
Date of Inspection :	09/07/2025
Review year considered for MCDR Inspection :	2024-2025

Final Submitted

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	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Number of DTH Boreholes	No proposal	Nil	Nil	No Violation
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	G1- 505.683900 Ha	G1- 67.09 Ha	Deviation- 438.594 Ha	Rule 11(1)
Remark: Total area is not explored in G1 so as to achieve scientific and systematic Mining Remark File: NIL					

6	Lateral exploration status for the lease area-G2	0 Ha	438.60 Ha	-438.600 Ha	No Violation
Remark: Violation being issued. Remark File: NIL					
7	Lateral exploration status for the lease area-G3	0.00	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	0.00	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)	LIMESTONE - Total Reserve = 87131192.00 , Total Resource = 58023520.00 marl - Total Reserve = 1159830.00 , Total Resource = 103896.00	111: 56344331-384917 55959414 121: 30411000	1115083.	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-2ext, 1ext.	Pit No. 4,6,8 & 9	Development work not carried out as per the proposals made	Rule 11(1)
Remark: Development work not carried out as per the proposals made in Mining Plan Remark File: NIL					
2	Quantity of overburden generation in m3	No proposal	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Quantity of topsoil generation in m3	210970	200	210770.000	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	No proposal	Not applicable	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 under
.					

					Rule
1	Number of pits / Blocks proposed for production	Pit No-2ext, 1ext.	Pit No. 4,6,8 & 9	Production not carried out as proposed.	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	1500000	384917	1115083.000	No Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	384917.298	384917.298	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	No Proposal	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No Proposal	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	No Proposal	Not applicable	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	3 x 7.5 in mineral, No overburden	3 x 6 in mineral, No overburden	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	Not applicable	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	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	No proposal	Not applicable	Nil	No Violation

Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	No proposal	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	0.00	0	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	No proposal	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	No proposal	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No proposal	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	No proposal	Not applicable	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)	Not proposed	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Not proposed	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	Not proposed	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Number of dead dumps	Not proposed	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Number of dumps	Not proposed	Not applicable	Nil	No

	proposed for stabilised				Violation
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Not proposed	Not applicable	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	Not Applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Year-wise area under backfilling of mined out area	No proposal	Not Applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Year-wise topsoil generation, Utilization	Generated :303600.00 Utilized :100000.00 Stored :203600.00	Generated :303600.00 Utilized :100000.00 Stored :203600.00	Nil	No Violation

	and Stored proposal (in m3)				n
Remark: This year no topsoil generated Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	0.000	Not Applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	No proposal	Not Applicable	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.	Plantation : Location :66399100 E 230318300 N, Area : 1, No. of Plant : 2500 Plantation : Location :66330500 E 230257500 N, Area : 1, No. of Plant : 2500	5000	Nil	No Violation
Remark: Extra plantation done. Remark File: NIL					

2	Rehabilitation by making water reservoir	No proposal	Not applicable	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	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	As per statute	Environmental monitoring is carried out quarterly	NII	No Violation
Remark: Through outside agency. 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	1.05	0.384	0.666	No Violation
Remark: less mineral produced and dispatched due plant demand					

Remark File: NIL					
2	Different grade of mineral sorted out at mines	No proposal	Not Applicable	nil	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	No proposal	Not Applicable	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	Not Applicable	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	Not Proposed	Not applicable	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	Not Proposed	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Not applicable	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	70	70	0.000	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Through water tanker	Through water tanker	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 Rule
-----	---------------------	-----------------------------	--------	-----------	----------------------

1	Submission of Online Monthly and Annual returns in prescribed period or not	Last Annual Returns : yes Last Monthly Returns : Submitted within stipulated time	Submitted within stipulated time	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 Rule	Mining Engineer and Geologist appointed	nil	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	ROM production should be deducted for depletion of reserves	Dispatch figure is deducted for depletion of reserves	251501	Rule 45(5)
Remark: In PART-V (General Geology & Mining) point 2. Reserves and Resources estimated (in tonnes) (LIMESTONE):- ROM production should be deducted for depletion of reserves however Dispatch figure is deducted for depletion of reserves Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not proposal	Not applicvable	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	As per Rule	Submitted	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	259.95	Nil	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	Year of Submission : 2023-2024 , 2024-25 Rating : 4 Stars	Year of Submission : 2023-2024 , 2024-25 Rating : 4 Stars	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	176915343169732397dcf3dlodhvadroneprofile.pdf	DRONE PROFILE
2	176915343169732397e20e3lodhvamidpas.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 : Lateral exploration status for the lease area-G1	G1- 505.683900 Ha	G1- 67.09 Ha	Deviation- 438.594 Ha	Rule 11(1)
Remark: Total area is not explored in G1 so as to achieve scientific and systematic Mining Remark File: NIL					
2	Development - Opencast : Location of development w.r.t. lease area	Pit No-2ext, 1ext.	Pit No. 4,6,8 & 9	Development work not carried out as per the proposals made	Rule 11(1)
Remark: Development work not carried out as per the proposals made in Mining Plan Remark File: NIL					
3	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	ROM production should be deducted for depletion of reserves	Dispatch figure is deducted for depletion of reserves	251501	Rule 45(5)
Remark: In PART-V (General Geology & Mining) point 2. Reserves and Resources estimated (in tonnes) (LIMESTONE).:- ROM production should be deducted for depletion of reserves however Dispatch figure is deducted for depletion of reserves Remark File: NIL					

Esigned by: Mohammad Nimar
 Date: 23/01/2026 01:01:35 PM