

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	VASTAN	Lease Area (Ha) :	80.0000
Forest Area (Ha) :	N/A	Mine Code :	38GUJ15001
Registration Number :	IBM/502/2011	Name of lessee :	Gujarat Industries Power Company Limited
Address of lessee :	GUJARAT INDUSTRIES POWER CO LTD ,Ranoli, VADODARA	Phone of lessee :	02629-261285
Email of lessee :	Jjdesai@gipcl.com	Fax Number :	N/A
Village :	Nogama	Taluka / Mandal :	Mangrol
District :	Surat	Pincode :	391350
State :	Gujarat	Post Office :	N/A
Nearest Police Station :	Tadkeshwar Police Station	Nearest Railway Station :	Velachha Railway Station
Date of Grant of Mining Lease :	1999-10-15	Date of Mining Lease Execution :	1999-10-15
Date of opening in the mine :	1999-10-15		

Nominated Owner Details			
Name of the Nominated Owner :	Smt VATSALA VASUDEVA	Nominated Owner Address:	RANOLI, DIST. VADODARA, GUJARAT - 391 350, INDIA
Nominated Owner Mobile :	9978405535	Nominated Owner Email :	Md@gipcl.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2018-08-20
Mining Engineer Details			
Name of the Mining Engineer :	Mr. Gautam Agrawal	Qualification of Mining Engineer :	B.E.(Mining)
Address of Mining Engineer :	Gujarat Industries Power Company Ltd., SLPP, Nani Naroli, Tal- Mnagrol, District:- Surat, Gujarat 394110	Phone of Mining Engineer :	9099963436
Email of Mining Engineer :	Gyagrawal@gipcl.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2025-06-14		
Geologist Details			
Name of the Geologist :	Dr. Janki Desai	Qualification of Geologist :	Ph.D.(Geology)
Address of Geologist :	Gujarat Industries Power Company Ltd., SLPP, Nani Naroli, Tal- Mnagrol, District:- Surat, Gujarat 394110	Phone of Geologist :	9727741345
Email of Geologist :	Jidesai@gipcl.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2018-12-27		
Mine Manager Details			
Name of the Mine Manager :	Mr. Madhu Ranjan Choudhary	Qualification of Mine Manager :	AMIE(Mining); First Class Manager Certificate

Address of Mine Manger :	Gujarat Industries Power Company Ltd., SLPP, Nani Naroli, Tal- Mnagrol, District:- Surat, Gujarat 394110	Phone of Mine Manger :	9099045784
Email of Mine Manger :	Mrchoudhary@gipcl.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2024-05-16		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2026-03-26 (2026 - 2026)
Method of mining :	Open Cast	Category :	OTHER THAN 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 :	Mr. N K Chauhan; Mr. Madhu Ranjan Chaudhary; Dr. Janki Desai; Mr, Keval Savani; Mr. Gautam Agrawal
Designation of the Accompanying Official :	Head, Vastan Mines; Mines Manager; Geologist; Assistant Manager; Mining Engineer
Type of Inspection :	MCDR,STR
Date of Inspection :	07/08/2026
Review year considered for MCDR Inspection :	2025-2026

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	Nil	Nil	No Violation
Remark: Whole lease area already explored in G1 category 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	80 H.	80 Ha.	Nil	No Violation
Remark: NIL Remark File: NIL					

6	Lateral exploration status for the lease area-G2	-	-	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	-	-	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	-	-	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 Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	Reserve (111): 5,29,888.72 tonnes Remaining Resources (211): 25,18,625.21 tonnes Total Reserves and Resources: 30,48,513.93 tonnes	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	21.38551N to 21.38863N 73.07367 E to 73.07712E	21.388577 N to 21.387826 N 73.076613 E to 73.075225 E	Nil	No Violation
Remark: The production of limestone was reduced as per the requirement of the Power Plant, the lateral extent of excavation was also less as compared to the proposal. Remark File: NIL					
2	Quantity of overburden generation in m3	525870	66313.61	459556.390	No Violation
Remark: The production of limestone was reduced as per the requirement of the Power Plant, the OB removal quantity was also less as compared to the proposal. Remark File: NIL					
3	Quantity of topsoil generation in m3	54200	27872.88	26327.120	No Violation
Remark: The production of limestone was reduced as per the requirement of the Power Plant, the topsoil removal quantity was also less as compared to the proposal. Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1.93	0.7976	1.132	No Violation
Remark: Limestone= 1,18,083.88 OB= 94,186.49 Remark File: NIL					

2.4.1 Exploitation - Opencast Mine Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation
-----	---------------------	-----------------------------	--------	-----------	-----------

.					n under Rule
1	Number of pits / Blocks proposed for production	one pit	one pit	-	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	300000	118083.88	181916.120	No Violation
Remark: Limestone production from mine solely depends on the requirement by the Power Plant. Lately, the requirement of limestone in the plant reduced drastically, thus production of limestone reduced. Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	300000	1181083.88	-881083.880	No Violation
Remark: Limestone production from mine solely depends on the requirement by the Power Plant. Lately, the requirement of limestone in the plant reduced drastically, thus production of limestone reduced. Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	0	0	0.000	No Violation
Remark: - 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	No Proposal	Nil	Nil	No Violation

	subgrade/mineral 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	Bench Height : 3m Bench Width: 3m Benches in Mineral:5 benches Benches in O/B: 9 benches	Yes Bench Height : 3m Bench Width: 3m Benches in Mineral:5 benches Benches in O/B: 9 benches	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	No Proposal	Nil	Nil	No

	method adopted for dump working				Violatio 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	Violatio n under Rule
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	No Proposal	Nil	Nil	No Violatio n
Remark: Waste is utilised in backfilling. There are no external dumps. Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No Proposal	Nil	Nil	No Violatio n
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	No Proposal	Nil	Nil	No Violatio n
Remark: NIL Remark File: NIL					
4	Number of dead dumps	No Proposal	Nil	Nil	No Violatio n

Remark: NIL Remark File: NIL					
5	Number of dumps proposed for stabilised	No Proposal	Nil	Nil	No 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	Mined out area (including current working) for 2025-26 : 2.3214 Ha. Cumulative- 48.5211 Ha.	Mined-out area (including current working) for 2025-26 : 1.7649 Ha. Cumulative- 44.3278 Ha.	-	No Violation
Remark: Full extraction of the mineral is done before starting backfilling. Remark File: NIL					
2	Year-wise area under backfilling of mined out area	For 2025-26: 2.6873 Ha. Cumulative- 29.5025 Ha.	For 2025-26: 2.1345 Ha. Cumulative- 23.064 Ha.	-	No Violation
Remark: Area of Pit-1 and Pit-2 is totally backfilled and 2.1345 Ha area of pit -3 is under backfilling.					

Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	54200 m3	27872.88 m3	26.327.12	No Violation
Remark: No seperate stack of topsoil has been proposed. All generated topsoil is proposed to spread over backfilled area. Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	2.68 Ha.	For 2025-26: 1.1913 Ha. (Pit-2) Cumulative- 20.9295 Ha. (Total area of Pit1 & Pit 2)	-	No Violation
Remark: - Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	Pit No.1 (Plantation after backfillig)	Cummulative- 20.9295 Ha. (Plantation done in total area of Pit 1 & Pit 2)	-	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.	Back Filling: 2.68 Ha. Rehabilitation Area: 0.06604 Ha.	Backfilling: 2.1345 Ha. Rehabilitation: 1.2508 Ha.	-	No Violation

Remark: Due to less generation of waste (OB), the backfilling area is less. However, the rehabilitation area is more than the proposal in the year 2025-26. Remark File: NIL					
2	Rehabilitation by making water reservoir	Water Reservoir: 19.68 Ha.	Water Reservoir: 19.7 Ha	-	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 Waste Land Fencing; 148 m	No Waste Land Fencing; 1321 m	-	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Environment monitoring shall be carried out in core zone and buffer zone on half yearly basis.	Compliance of Environmental monitoring (core zone and buffer zone) is being carried out bimonthly for Air, Dust, Noise, water and weather.	-	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	300000	118083.88	181916.120	No Violation

	within lease area				n
Remark: According to captive mine, the production of Limestone mineral depends on the requirement of captive power plant. As per less requirement of limestone at Power Plant, production was decreased from the actual target. 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	Topsoil generation 54200 m3	Topsoil generated: 27872.88 m3	26327.12 m3	No Violation

					n
Remark: Topsoil removal is deviated due to the decrease in the production of Limestone as per the captive requirement of the plant. Remark File: NIL					
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Use of overburden in backfilling.	Backfilled in pit No. 3 - 2.1345 Ha.	-	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Rehabilitation Area 0.6604 Ha.	Rehabilitation Area: 1.2508 Ha.	-	No Violation
Remark: More than Proposal Remark File: NIL					
4	Plantation & Survival rate	Total area proposed for Crops: 0.5 Ha. Grass: 0.1604 Ha.	Plantation: 2335 plants in 2025-26 Cumulative Plantation: 18,781 plants Survival Rate: 85%	-	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust	30 KLD	-	No Violation
Remark: Water sprinkling is regularly done on Haul Road, Loading and unloading areas, and crushing areas for control of airborne dust. 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	Submission of Online Monthly and Annual returns	Annual returns 2025-26 submitted on 22.06.2026 Monthly Return was submitted on 06.07.2026	No deviation	No Violation
Remark: All the monthly returns and Annual Returns for the year 2025-26 were submitted within the stipulated time period. Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mr. Gautam Agarwal	Mr. Gautam Agarwal	-	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	All the returns for 2025-26 has been checked	The Monthly returns and Annual Returns found in order.	No Devaition	No Violation
Remark: NIL Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not Applicable	NA	NA	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	Not Applicable	NA	NA	No Violation
Remark: NIL Remark File: NIL					

6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Exmine Price: 447.50 Rs per tonne Cost of Production: 447.50 Rs per tonne	Exmine Price: 447.50 Rs per tonne Cost of Production: 447.50 Rs per tonne	-	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	In 2025-26, submitted as 5 Star	2022-23: 4-star 2023-24: 5-star 2024-25: 5-star	-	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	17865302516a7c49cb2adebProfile_38GUJ15001.pdf	Drone Data Analysis

2	17865302516a7c49cb5abdaMIIDPAS_38GUJ15001.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
-----	---------------------	-----------------------------	--------	-----------	----------------------

Final Submitted

Esigned by: Sunil Kumar Sharma
Date: 12/08/2026 03:54:37 PM