

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	ANIALISNO21P 15 99	Lease Area (Ha) :	15.99
Forest Area (Ha) :	N/A	Mine Code :	38GUJ21055
Registration Number :	IBM/437/2011	Name of lessee :	Tata Chemicals Limited
Address of lessee :	Tata Chemicals Ltd., ,Bombay House, 24, Homi Mody Street,, Fort, Mumbai-400 001.	Phone of lessee :	022-66658282
Email of lessee :	Rgaur@tatachemicals.com	Fax Number :	N/A
Village :	Aniyari	Taluka / Mandal :	Ranavav
District :	Porbandar	Pincode :	400001
State :	Gujarat	Post Office :	N/A
Nearest Police Station :	Ranavav	Nearest Railway Station :	Ranavav
Date of Grant of Mining Lease :	1987-05-25	Date of Mining Lease Execution :	1987-05-25
Date of opening in the mine :	2015-11-01		

Nominated Owner Details			
Name of the Nominated Owner :	Mr R MUKUNDAN	Nominated Owner Address:	CTJ MARG , SEWREE, MUMBAI-400015
Nominated Owner Mobile :	8976012677	Nominated Owner Email :	Rmukundan@tatachemicals.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2008-12-15
Mining Engineer Details			
Name of the Mining Engineer :	Mayank Srivastava	Qualification of Mining Engineer :	BE-Mining Engineering
Address of Mining Engineer :	Ranavav Quarries, Ranavav, Dist-Porbandar,Gujarat - 360550	Phone of Mining Engineer :	9913955233
Email of Mining Engineer :	Msrivastava@tatachemicals.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2015-12-15		
Geologist Details			
Name of the Geologist :	Sachin Kumar Sharma	Qualification of Geologist :	MSc Geology
Address of Geologist :	Ranavav Quarries, Ranavav, Dist-Porbandar,Gujarat - 360550	Phone of Geologist :	9978913431
Email of Geologist :	Sasharma@tatachemicals.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2025-03-01		
Mine Manager Details			
Name of the Mine Manager :	Mayank Srivastava	Qualification of Mine Manager :	BE-Mining Engineering
Address of Mine Manger :	Ranavav Quarries, Ranavav, Dist-Porbandar,Gujarat - 360550	Phone of Mine Manger :	9913955233

Email of Mine Manger :	Msrivastava@tatachemicals.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2015-12-15		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	N/A
Method of mining :	Open Cast	Category :	OTHER THAN MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Debasish Das
Designation :	Assistant Controller Of Mines
Name of the Accompanying Official from Mine :	Mr. Rohit Gaur
Designation of the Accompanying Official :	Agent
Type of Inspection :	MCDR,STR
Date of Inspection :	15/12/2025
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	Nil	Nil	0.000	No Violation
Remark: No proposal Remark File: NIL					
2	Number of DTH Boreholes	Nil	Nil	0.000	No Violation
Remark: No proposal Remark File: NIL					
3	Number of exploratory pits / trial pits	Nil	Nil	0.000	No Violation
Remark: No proposal Remark File: NIL					
4	Number of exploratory Trenches	Nil	Nil	0.000	No Violation
Remark: No proposal Remark File: NIL					
5	Lateral exploration status for the lease area - G1	15.995	15.995	0.000	No Violation
Remark: Entire Area has been explored in G1 level. Remark File: NIL					

6	Lateral exploration status for the lease area-G2	Nil	Nil	0.000	No Violation
Remark: Entire Area has been explored in G1 level. Remark File: NIL					
7	Lateral exploration status for the lease area-G3	Nil	Nil	0.000	No Violation
Remark: Entire Area has been explored in G1 level. Remark File: NIL					
8	Lateral exploration status for the lease area-G4	Nil	Nil	0.000	No Violation
Remark: Entire Area has been explored in G1 level. 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)	As on 01/11/2021: Total Mineral Reserve: 548990 Total Mineral Resource: 26030	As on 01/04/2024: Total Mineral Reserve: 501340 Total Mineral Resource: 26030	Nil	No Violation
Remark: NIL Remark File: NIL					

2.3.1 : Development - Opencast Details

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S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Location of development w.r.t. lease area	The proposed development in pit 3 location was planned between Nmax: 2398244 mN to Nmin: 2398031 mN; Emax: 588731 mE to Emin: 588596 mE.	During field visit it was observed that the proposed development in pit 3 towards NE direction has not been achieved.	The development is lagging behind the approved RMP.	Rule 11(1)
Remark: Development is to be achieved as per RMP. Remark File: NIL					
2	Quantity of overburden generation in m3	Not Proposed	Not Applicable	No Deviation	No Violation
Remark: Not Proposed Remark File: NIL					
3	Quantity of topsoil generation in m3	Not Proposed	Not Applicable	No Deviation	No Violation
Remark: Not Proposed Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0	1:0	No Deviation	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	Number of pits / Blocks proposed for production: 01 (pit id: 3)	Production achieved from pit id no 3.	No deviation	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	50000	100	49900.000	No Violation
Remark: Could not achieved production target due to less demand Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	100	100	0.000	No Violation
Remark: Production of ROM: 100; Use of saleable mineral: 100; 100% recovery Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	0	0	0.000	No Violation
Remark: No Proposal Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	0	0	0.000	No Violation
Remark: No Proposal Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	No Proposal	Not applicable	No deviation	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 of bench: 6 meter	height of working benches was near about 4.5 to 5 meter	No deviation	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	No deviation	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: No proposal Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	0	0	0.000	No Violation

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

	proposed for stabilised				Violation
Remark: No Proposal Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No Proposal	Not applicable	No Deviation	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	No Deviation	No Violation
Remark: NIL Remark File: NIL					
2	Year-wise area under backfilling of mined out area	No Proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
3	Year-wise topsoil generation, Utilization	No Proposal	Not Applicable	No Deviation	No Violation

	and Stored proposal (in m3)				n
Remark: NIL Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	No Proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	No Proposal	Not Applicable	No Deviation	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.	Total area : 0.1 Numbers of plantation proposed: 100	It was reported in Annual Return that 200 trees have been planted in FY 2024-25. Although during field visit less no of sampling found in that area.	Survival rate of plantation is very less	No Violation
Remark: Survival rate of plantation may be improved Remark File: NIL					

2	Rehabilitation by making water reservoir	No proposal	Not applicable	No Deviation	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	Total area : 0.1 Numbers of plantation proposed: 100	Area: 0.1 Plantation : 20	Survival rate of plantation is less	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Environmental monitoring is being done in core and buffer zone	Monitored	No Deviation	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	grade-wise sorting within lease area	grade-wise sorting within lease area	No deviation	No Violation
Remark: Chemical grade of mineral is being dispatched					

Remark File: NIL					
2	Different grade of mineral sorted out at mines	Different grade of mineral to be sorted out	Different grade of mineral is being sorted out	No deviation	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	No Proposal	Not applicable	No deviation	No Violation
Remark: NIL Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Blending at ROM stage	Blending at ROM stage	No deviation	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 of topsoil generation	Not applicale	No Deviation	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	Not applicale	No Deviation	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Not applicale	No Deviation	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	It was proposed in approved RMP that 100 no of trees will be planted with an expected survival rate of 80%.	During the field inspection, it was observed that very few plants were surviving, with the survival rate being less than 50%.	The proposed target of plantation has not been achieved.	Rule 11(1)
Remark: The survival rate of plantation within the lease area may be improved . Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Use of Water tanker on roads to control airborne dust	Water tanker is being used on roads to control airborne dust	No Deviation	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	Submission of monthly & Annual Return on time	Monthly return submitted on or before 9th day of every month in respect of preceding month. Annual Return submitted on 24/06/2025	No Deviation	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Geologist: Sachin Kumar Sharma Date of Appointment: 01.03.2025 Mining Engineer: Mayank Srivastava Date of Appointment: 15.12.2015	During the inspection, Mr. Sachin Kumar Sharma & Mr. Mayank Srivastava was available.	No Deviation	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Complete and correct information is to be provided.	In the Annual Return for FY 2023-24, under Part-I, the plantation area was reported as 0.933 ha, whereas in the Annual Return for FY 2024-25, the plantation area has been shown as 0.200 ha.	The total area utilized for plantation has been shown as reduced in the Annual Return without any supporting justification.	Rule 45(7A)
Remark: Area utilization may be shown correctly. Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	No Proposal	Not applicable	No deviation	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	Submission on time	Notices and returns are submitted on time, No fines are applicable	No deviation	No Violation
Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	As per proposal	Ex mine price for chemical grade limestone is Rs. 197.74/-	No deviation	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	Maintain atleast 3 star and above	FY 2023-24: 3 star. Self assessment of Star Rating Submitted by leasee for FY 24-25: 4 star	No Deviation	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	17701902456982f5a527b7f38GUJ21055_Anilai_Limestone_Mine_Midpas_data.pdf	MIDPAS scrutiny report
2	17701902456982f5a52e8c838GUJ21055_Aniali_Drone_analysis.pdf	Drone data analysis 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	Development - Opencast : Location of development w.r.t. lease area	The proposed development in pit 3 location was planned between Nmax: 2398244 mN to Nmin: 2398031 mN; Emax: 588731 mE to Emin: 588596 mE.	During field visit it was observed that the proposed development in pit 3 towards NE direction has not been achieved.	The development is lagging behind the approved RMP.	Rule 11(1)
Remark: Development is to be achieved as per RMP. Remark File: NIL					
2	Environment : Plantation & Survival rate	It was proposed in approved RMP that 100 no of trees will be planted with an expected survival rate of 80%.	During the field inspection, it was observed that very few plants were surviving, with the survival rate being less than 50%.	The proposed target of plantation has not been achieved.	Rule 11(1)
Remark: The survival rate of plantation within the lease area may be improved . Remark File: NIL					
3	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	Complete and correct information is to be provided.	In the Annual Return for FY 2023-24, under Part-I, the plantation area was reported as 0.933 ha, whereas in the Annual Return for FY 2024-25, the plantation area has been shown as 0.200 ha.	The total area utilized for plantation has been shown as reduced in the Annual Return without any supporting justification.	Rule 45(7A)
Remark: Area utilization may be shown correctly. Remark File: NIL					
4	Development - Opencast: Location of development w.r.t. lease area	The proposed development in pit 3 location was planned between Nmax: 2398244 mN to Nmin: 2398031 mN; Emax: 588731 mE to Emin: 588596 mE.	During field visit it was observed that the proposed development in pit 3 towards NE direction has not been achieved.	The development is lagging behind the approved RMP.	Rule 11(1)
Remark: NIL Remark File: NIL					
5	Environment: Plantation & Survival rate	It was proposed in approved RMP that 100 no of trees will be planted with an expected survival rate of 80%.	During the field inspection, it was observed that very few plants were surviving, with the survival rate being less than 50%.	The proposed target of plantation has not been achieved.	Rule 11(1)

Remark: NIL
Remark File: NIL

6	Annual Return: Whether incomplete or false or wrong returns submitted (Rule 45(7))	Complete and correct information is to be provided.	In the Annual Return for FY 2023-24, under Part- I, the plantation area was reported as 0.933 ha, whereas in the Annual Return for FY 2024-25, the plantation area has been shown as 0.200 ha.	The total area utilized for plantation has been shown as reduced in the Annual Return without any supporting justification.	Rule 45(7A)
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Remark: NIL
Remark File: NIL

Final Submitted

Esigned by: Debasish Das
Date: 04/02/2026 01:02:49 PM