

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	38GUJ08177	Lease Area (Ha) :	16.21
Forest Area (Ha) :	N/A	Mine Code :	38GUJ08177
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 :	2064-10-31	Date of Mining Lease Execution :	2064-10-31
Date of opening in the mine :	2017-03-01		

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 :	2024-01-19 (2024 - 2028)
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 :	14/12/2025
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	Nil	Nil	0.000	No Violation
Remark: No Propopsal Remark File: NIL					
2	Number of DTH Boreholes	Nil	Nil	0.000	No Violation
Remark: No Propopsal Remark File: NIL					
3	Number of exploratory pits / trial pits	Nil	Nil	0.000	No Violation
Remark: No Propopsal Remark File: NIL					
4	Number of exploratory Trenches	Nil	Nil	0.000	No Violation
Remark: No Propopsal Remark File: NIL					
5	Lateral exploration status for the lease area - G1	16.21	16.21	0.000	No Violation
Remark: Area already in G1 catagory Remark File: NIL					

6	Lateral exploration status for the lease area-G2	0.00	Nil	0.000	No Violation
Remark: Area already in G1 category Remark File: NIL					
7	Lateral exploration status for the lease area-G3	0.00	Nil	0.000	No Violation
Remark: Area already in G1 category Remark File: NIL					
8	Lateral exploration status for the lease area-G4	0.00	Nil	0.000	No Violation
Remark: Area already in G1 category 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 - As on 01.04.2024: Balance Reserve: 569427 Total Resource 602295.10	As on 31.3.2025: Balance Reserve: 481,727.00 Balance Resource: 602,295.10	Depletion in Reserve: 87700	No Violation
Remark: Depletion in Reserve. 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	Pit : Pit-1 & Direction : North	Pit : Pit-1 & Direction : North	some old excavation area encroached near safety zone	No Violation
Remark: Mining lease boundary changed by state govt in the year 2019. So some old excavation area encroached near safety zone . Remark File: NIL					
2	Quantity of overburden generation in m3	0.00	0	0.000	No Violation
Remark: No proposal Remark File: NIL					
3	Quantity of topsoil generation in m3	30	0	30.000	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0	1:0	No deviation	No Violation
Remark: As per proposal 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 ID : Pit-1	Production achieved from Pit 1	No Deviation	No Violation
Remark: As per proposal Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	88038.00	87700	338.000	No Violation
Remark: EC was 88000 mt and production achieved 87700 mt Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	88038.00	87700	338.000	No Violation
Remark: ROM mineral production achieved (in T): 87700 & Saleable mineral is 87700 T. Recovery is 100%. Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	0.00	0	0.000	No Violation
Remark: No ROM is rejected & entire mineral is consumed. Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No Proposal	No Proposal	No Deviation	No Violation
Remark: No Proposal Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	No Proposal	No Proposal	No Deviation	No Violation

Remark: No Proposal Remark File: NIL					
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	height of benches in mineral: 3 meter	2.5 to 3 meter	No Deviation	No Violation
Remark: Within limit Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	No Proposal	No Deviation	No Violation
Remark: No Proposal 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	No proposal	No Deviation	No Violation
Remark: No proposal Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	No proposal	No proposal	No Deviation	No Violation

Remark: No proposal Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	No proposal	No proposal	No Deviation	No Violation
Remark: No proposal Remark File: NIL					
4	Production from dump(s) during the year	0.00	No proposal	No Deviation	No Violation
Remark: No proposal Remark File: NIL					
5	Quantity of mineral reject generation	No proposal	No proposal	No Deviation	No Violation
Remark: No proposal Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	No proposal	No proposal	No Deviation	No Violation
Remark: No proposal Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No proposal	No proposal	No Deviation	No Violation
Remark: No proposal Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	No proposal	No proposal	No Deviation	No Violation
Remark: No proposal					

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: No Proposal 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	0.00	0	0.000	No Violation
Remark: No Proposal Remark File: NIL					
2	Year-wise area under backfilling of mined out area	0	0	0.000	No Violation
Remark: No Proposal Remark File: NIL					
3	Year-wise topsoil generation, Utilization	Generated :30.00 Utilized :30.00 Stored :0.00	Generated :0 Utilized :0 Stored :0.00	30 m3	No Violation

	and Stored proposal (in m3)				n
Remark: Top soil not generated Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	0.000	0	0.000	No Violation
Remark: No Proposal Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	No Proposal	No Proposal	No Deviation	No Violation
Remark: No Proposal 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 : statutory barrier, Area : 0.05, No. of Plant : 50	Plantation : Location : statutory barrier, Area : 0.55 ha, No. of Plant : around 25-30 nos	No Deviation	No Violation
Remark: Poor survival rate Remark File: NIL					

2	Rehabilitation by making water reservoir	0	0	0.000	No Violation
Remark: No Proposal Remark File: NIL					
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	i) 0.05 Ha, ii) 50 Nos.	i) 0.55 Ha, ii) 25-30 Nos.	No Deviation	No Violation
Remark: Plantation done in green belt area Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Core Zone with in limit Ambient Air Quality, Surface water Quality, Ground water quality, Noise level, Noise vibration to be monitor and should be in limit.	Followed	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 mineral is being dispatched					

Remark File: NIL					
2	Different grade of mineral sorted out at mines	Different grade of mineral sorting out at mines	Followed	No Deviation	No Violation
Remark: Chemical grade mineral is being sorted and dispatched 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	Followed	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	Proposed 30 m3 of top soil generation	Topsoil not generated	30 m3	No Violation
Remark: Top soil not generated Remark File: NIL					

2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	Not applicable	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 applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	As per the approved RMP, a total of 50 saplings were proposed to be planted during FY 2024-25 at the statutory barrier location, with an expected survival rate of 80%.	During the field visit, it was observed that the number of surviving plants was significantly less, with the survival rate being below 50%.	Due to the poor survival rate of plantation, the lessee failed to achieve the approved plantation target for the year.	Rule 26(1)
Remark: The lessee may focus on improving the survival of plantations within the lease area. Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Use of Water sprinkler proposed to control airborne dust .	10000 L capacity water tanker is being used	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
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1	Submission of Online Monthly and Annual returns in prescribed period or not	Submit Monthly return before 10th day of every month in respect of preceding month & submit Annual Return before 1st day of July of every year for the preceding financial year.	Annual Return FY 2024-25 submitted on 24/06/2025. Monthly return submitted on or before 10th day of every month.	No Deviation	No Violation
Remark: Return submitted on time 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	Meet both mining engineer and geologist during the field visit.	No deviation.	No Violation
Remark: As per proposal Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Complete and right information to be provided.	Provided	No deviation	No Violation
Remark: NIL 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	Timely submission of Notices and returns to avoid fines	Notices & Returns submitted on time.	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 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 start for consecutive years	Year of Submission : 2023-2024 , Rating : 4 Stars In year FY 2024-25, Applicant mark 4 Star by self assessment	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	1769772508697c95dce796038GUJ08177_Anaali_Ranabordi_Scrutiny_report.pdf	scrutiny report

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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	Environment : Plantation & Survival rate	As per the approved RMP, a total of 50 saplings were proposed to be planted during FY 2024-25 at the statutory barrier location, with an expected survival rate of 80%.	During the field visit, it was observed that the number of surviving plants was significantly less, with the survival rate being below 50%.	Due to the poor survival rate of plantation, the lessee failed to achieve the approved plantation target for the year.	Rule 26(1)

Remark: The lessee may focus on improving the survival of plantations within the lease area.
Remark File: NIL

Final Submitted

Esigned by: Debasish Das
Date: 30/01/2026 04:59:47 PM