

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	38GUJ08145	Lease Area (Ha) :	14.27
Forest Area (Ha) :	N/A	Mine Code :	38GUJ08145
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 :	Boricha	Taluka / Mandal :	Porbandar
District :	Porbandar	Pincode :	400001
State :	Gujarat	Post Office :	N/A
Nearest Police Station :	Ranavav	Nearest Railway Station :	Ranavav
Date of Grant of Mining Lease :	1971-06-19	Date of Mining Lease Execution :	1971-06-19
Date of opening in the mine :	1971-06-19		

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 :	Mr. Rakesh Kumar Singh	Qualification of Mining Engineer :	Diploma (Mining), FCC (R)
Address of Mining Engineer :	Ranavav Quarries, Ranavav, Dist- Porbandar Gujarat– 360550	Phone of Mining Engineer :	9106528731
Email of Mining Engineer :	Rkumar@tatachemicals.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2023-04-24		
Geologist Details			
Name of the Geologist :	Mr. Sachin Kumar Sharma	Qualification of Geologist :	M.Sc (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 :	2023-04-25		
Mine Manager Details			
Name of the Mine Manager :	Mr. Rakesh Kumar Singh	Qualification of Mine Manager :	Diploma (Mining), FCC (R)
Address of Mine Manger :	Ranavav Quarries, Ranavav, Dist- Porbandar Gujarat– 360550	Phone of Mine Manger :	9106528731

Email of Mine Manger :	Rkumar@tatachemicals.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2023-04-24		
Mineral(s) granted in lease and proved for mining :	LIMESTONE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-11-18 (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 :	Mr. Rakesh Kumar Singh
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

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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	No proposal	No work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
2	Number of DTH Boreholes	No proposal	No work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	No proposal	No work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	No proposal	No work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	No proposal	14.27 Ha.	NIL	No Violation
Remark: NIL Remark File: NIL					

6	Lateral exploration status for the lease area-G2	No proposal	Nil	NIL	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	No proposal	Nil	NIL	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	No proposal	NIL	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)	As per 31/12/2020 (in Million Tonnes) - 111 - 1.628964 221 - 1.988366 331 - 0.975348	As per 01/09/2025 111 - 1176318.00 121 - 269247.00 221 - 799502.00 331 - 1609383.02	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	In Pit 1 and pit 2; 2406198N-2406426N 569816E-570028E	Pit No. 1 Observed in the coordinates - 21Deg45min. 35.79seconds and 69Deg 40minutes 31.00 seconds	NIL	No Violation
Remark: Pit having 02 benches of 1.5 m each with 03 temporary mineral stacks Remark File: NIL					
2	Quantity of overburden generation in m3	No proposal	NIL	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Quantity of topsoil generation in m3	No proposal	NIL	NIL	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0	1:0	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
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					n under Rule
1	Number of pits / Blocks proposed for production	02 Pits; PIT1 and PIT 2	Only Pit 1	from Pit 2 production was not carried out	No Violation
Remark: PIT 2 falls under BIRDA wild life sanctuary and EC has not been granted for this part. Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	300000	110000	190000.000	Rule 11(1)
Remark: Deviation has been observed in the ROM mineral Production for the year 2024-25 Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	100 %	100 %	NIL	No Violation
Remark: NIL Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	No proposal	NIL	NIL	No Violation
Remark: Entire ROM is utilising by proper sorting & sizing Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No proposal	No Subgrade Mineral / Reject generated	NIL	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Manual and Mechanized Both	Manual and Mechanized Both	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	Mechanised working with regular bench height proposed with 6 m height	Irregular Bench Height ranging from 2 to 3 m observed	Deviation in Bench height	No Violation
Remark: NIL					
Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal	No work done	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	No work Carried Out	NIL	No Violation
Remark: NIL					
Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	No Proposal	No work Carried Out	NIL	No Violation

Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	No Proposal	No work Carried Out	NIL	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	No Proposal	No work Carried Out	NIL	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	No Proposal	No work Carried Out	NIL	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	No Proposal	No work Carried Out	NIL	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No Proposal	No work Carried Out	NIL	No Violation
Remark: NIL Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	No Proposal	No work Carried Out	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)	No proposal	No work Carried Out	NIL	No Violation
Remark: No Top Soil Generation, OB Not present, There is no Mineral Reject, Mineral Mined Out is being used for Captive consumption. Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No proposal	No work Carried Out	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	No proposal	No work Carried Out	NIL	No Violation
Remark: NIL Remark File: NIL					
4	Number of dead dumps	No proposal	No work Carried Out	NIL	No Violation
Remark: NIL Remark File: NIL					
5	Number of dumps	No proposal	No work Carried Out	NIL	No

	proposed for stabilised				Violation
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal	No work Carried Out	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	No work carried out	NIL	No Violation
Remark: As per Conceptual Plan Full Extraction of Mineral is proposed, but no Back filling is proposed.as no back filling material is present. It will be converted to water reservoir. Remark File: NIL					
2	Year-wise area under backfilling of mined out area	No proposal	No work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Year-wise topsoil generation, Utilization	No proposal	No work carried out	NIL	No Violation

	and Stored proposal (in m3)				n
Remark: No topsoil present. 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.	Plantation in periphery of the lease area	Plantation in periphery of the lease area observed	NIL	No Violation
Remark: NIL Remark File: NIL					

2	Rehabilitation by making water reservoir	Not Proposed	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	Afforestation - 100 nos. Area rehabilitated (ha) - 0.1 Ha. Method of rehabilitation - Plantation 100 & 275m Fencing. Proposal for Grassing and Re-grassing	Afforestation - 1347 nos. Area rehabilitated (ha) - 1.32 Ha. Method of rehabilitation - Plantation and 450 m Fencing.	Grassing and Re-grassing Not done as per proposal	Rule 11(1)
Remark: Grassing and Re-grassing Not done as per proposal of 2024-25 Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Environment monitoring (air quality, water quality & noise level) is being proposed	Regular monitoring has been carried out.	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 within lease area	ROM Mineral dispatch by sorting and sizing	Lessee is utilizing entire ROM by proper sorting & sizing as per plant requirement.	NIL	No Violation
Remark: NIL					

Remark File: NIL					
2	Different grade of mineral sorted out at mines	Chemical Grade	Chemical Grade	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	No proposal	No work 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 proposal	No work 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	Proposed for separate removal	No top soil generated	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 for generation of Use of overburden, waste rock, rejects and fines dumps.	No OB, waste rock, rejects and fines dumps generated.	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	No work carried out	NIL	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	100 Nos 80% survival Rate	1347 Nos. 80% survival Rate	NIL	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Proposed for Water sprinkling on roads to control airborne dust	As reported Regular water sprinkling is being done	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
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1	Submission of Online Monthly and Annual returns in prescribed period or not	Yes	M.R submitted before 9th for every preceeding month. A.R.submitted on 25.06.25	NIL	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Yes	M.E- Rakesh Kumar Singh Geo.-Sachin Kumar Sharma	NIL	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	No such Proposal	Under PART-V (General Geology & Mining) Exploration Activies At the beginning of the year has not been mentioned.	Under PART-V (General Geology & Mining) Exploration Activies At the beginning of the year has not been mentioned.	Rule 45(7)
Remark: Under PART-V (General Geology & Mining) Exploration Activies At the beginning of the year has not been mentioned. Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	No Such proposal	NO FMCP Approved	NIL	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	Yes	Notices and Returns for the lease area submitted as applicable.	NIL	No Violation
Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex. Mine price 197.74 Rs. /T (Chemical), Captive used	Ex. Mine price 197.74 Rs. /T (Chemical), Captive used	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	Submission of Star Rating.	2023-24 - 3 Star 2022-23 - 4 Star 2021-22 - 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	1770708446698addde35cda38GUJ08145_Midpas_Report.pdf	Drone Data Analysis Report

Final Submitted

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	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	300000	110000	190000.000	Rule 11(1)
Remark: Deviation has been observed in the ROM mineral Production for the year 2024-25 Remark File: NIL					
2	Progressive Mine Closure Plan : Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Afforestation - 100 nos. Area rehabilitated (ha) - 0.1 Ha. Method of rehabilitation - Plantation 100 & 275m Fencing. Proposal for Grassing and Re-grassing	Afforestation - 1347 nos. Area rehabilitated (ha) - 1.32 Ha. Method of rehabilitation - Plantation and 450 m Fencing.	Grassing and Re-grassing Not done as per proposal	Rule 11(1)
Remark: Grassing and Re-grassing Not done as per proposal of 2024-25 Remark File: NIL					
3	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	No such Proposal	Under PART-V (General Geology & Mining) Exploration Activies At the beginning of the year has not been mentioned.	Under PART-V (General Geology & Mining) Exploration Activies At the beginning of the year has not been mentioned.	Rule 45(7)
Remark: Under PART-V (General Geology & Mining) Exploration Activies At the beginning of the year has not been mentioned. Remark File: NIL					

Esigned by: NAMAN EKKA
 Date: 10/02/2026 01:05:36 PM