

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	07GUJ07101	Lease Area (Ha) :	106.83
Forest Area (Ha) :	N/A	Mine Code :	07GUJ07101
Registration Number :	IBM/246/2011	Name of lessee :	ORIENT ABRASIVES LIMITED
Address of lessee :	GIDC INDUSTRIAL AREA ,PORBANDAR, PORBANDAR	Phone of lessee :	-
Email of lessee :	Orientkhambhalia@gmail.com	Fax Number :	N/A
Village :	Nandana	Taluka / Mandal :	Kalyanpur
District :	Devbhumi Dwarka	Pincode :	360577
State :	Gujarat	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2000-08-19	Date of Mining Lease Execution :	2000-08-19
Date of opening in the mine :	Nilsss		

Nominated Owner Details			
Name of the Nominated Owner :	Mr Manubhai Sumabhai Rathod	Nominated Owner Address:	Jamnagar Dwarka Highway, Jam-Khambhalia
Nominated Owner Mobile :	9925204400	Nominated Owner Email :	Mrathod@oalmail.co.in
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2017-06-13
Mining Engineer Details			
Name of the Mining Engineer :	Shri Mehul Goswami	Qualification of Mining Engineer :	B.E. Mining Second Class
Address of Mining Engineer :	M/s.Orient Abrasives Ltd. Jamnagar Dwarka Highway, Khambaliya-361305 District-Devbhumi Dwarka. (Gujarat)	Phone of Mining Engineer :	9979343846
Email of Mining Engineer :	Mehulgoswami956@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2025-05-22		
Geologist Details			
Name of the Geologist :	Shri Rajiv Songara	Qualification of Geologist :	M.Sc (Geology)
Address of Geologist :	M/s.Orient Abrasives Ltd. Jamnagar Dwarka Highway, Khambaliya-361305 District-Devbhumi Dwarka. (Gujarat)	Phone of Geologist :	7727847214
Email of Geologist :	Orientkhambhalia@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2025-05-22		
Mine Manager Details			
Name of the Mine Manager :	Shri Mehul Goswami	Qualification of Mine Manager :	B.E. (Mining) / Second Class

Address of Mine Manger :	M/s.Orient Abrasives Ltd. Jamnagar Dwarka Highway, Khambaliya-361305 District- Devbhumi Dwarka. (Gujarat)	Phone of Mine Manger :	9979343846
Email of Mine Manger :	Mehulgoswami956@gmail.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2025-05-22		
Mineral(s) granted in lease and proved for mining :	BAUXITE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2024-05-17 (2023 - 2027)
Method of mining :	Open Cast	Category :	OTHER_THAN_MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Ashish Pal
Designation :	Assistant Mining Geologist
Name of the Accompanying Official from Mine :	Gunanand Roy
Designation of the Accompanying Official :	Mines Head
Type of Inspection :	MCDR,STR
Date of Inspection :	18/11/2025
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	66	34	32.000	No Violation
Remark: Financial year 2024-25 proposed 66 borehole but 34 boreholes has been done. Remark File: NIL					
2	Number of DTH Boreholes	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	52.57	83.85	-31.280	No Violation
Remark: NIL Remark File: NIL					

6	Lateral exploration status for the lease area-G2	23.78	5.58	18.200	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	19.39	7.94	11.450	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	11.09	9.46	1.630	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)	111-3592085.6 122-1816013.2 221-343959.4 222-354374.96 333-1913906.32 334-862416	111 4175273 122 248506.4 221 490462 222 - 0 333 799303.62 334- 860932	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	22:9:8.19 N 22:9:13.59 N To 69:15:40.09 E 69:15:38.43 E 22:9:28.9 N 22:9:30.2 N To 69:15:54.66 E 69:15:54.9 E 22:9:24.83 N 22:9:28.2 N To 69:21:44.71 E 69:15:53.89 E	22:9:8.19 N 22:9:13.59 N To 69:15:40.09 E 69:15:38.43 E	0	No Violation
Remark: Proposed Pit No.01 & Pit no. 06 Remark File: NIL					
2	Quantity of overburden generation in m3	13313.50	0	13313.500	No Violation
Remark: NIL Remark File: NIL					
3	Quantity of topsoil generation in m3	1328	0	1328.000	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0.29	1.0	0	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	Pit No.01 & Pit no. 06	Pit No.01	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	73149.54	25	73124.540	No Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	73149.54	73149.54	0.000	No Violation
Remark: NIL Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	No Proposal	Nil	Nil	No Violation
Remark: NIL 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 subgrade/mineral rejects from ROM	Manual	Manual	0	No Violation

Remark: NIL Remark File: NIL					
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	1 Bench of 4.5 m height proposed in Bauxite.	1 Bench of 4.5 m height in Bauxite.	0	No Violation
Remark: NIL Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposals	Nil	0	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 Proposals	NIL	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	No Proposals	NIL	Nil	No Violation

Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	No Proposals	NIL	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	No Proposals	NIL	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	No Proposals	NIL	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	No Proposals	NIL	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No Proposals	NIL	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	No Proposals	NIL	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	Nil	0	No Violation
Remark: NIL Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	Not proposed	Nil	0	No Violation
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	03 (N2OB)	03 (N2OB)	0	No Violation
Remark: NIL Remark File: NIL					
4	Number of dead dumps	Not proposed	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Number of dumps	Not proposed	Nil	0	No

	proposed for stabilised				Violation
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Not proposed	Nil	0	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	Pit No. N2P1	0	0	No Violation
Remark: Due to less production Overburden not generated. Remark File: NIL					
2	Year-wise area under backfilling of mined out area	2662	0	2662.000	No Violation
Remark: NIL Remark File: NIL					
3	Year-wise topsoil generation, Utilization	1328	0	1328.000	No Violation

	and Stored proposal (in m3)				n
Remark: Due to less production topsoil not generated. Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	Not proposed	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	Not proposed	Nil	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.	0.255 Ha 600 Saplings	0.1348 Ha 350 Saplings	250	No Violation
Remark: NIL Remark File: NIL					

2	Rehabilitation by making water reservoir	No Proposal	Nil	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	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Quarterly Monitoring Carried out	Environmental Monitoring NABL Approved agency has been done air, water, noise (Core and Buffer Zone)	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	Proposal made for manual sorting and sizing.	Manual sorting and sizing.	Nil	No Violation
Remark: NIL					

Remark File: NIL					
2	Different grade of mineral sorted out at mines	Cement, Abrasives, Refractory	Cement, Abrasives, Refractory	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	Only manual sorting and sizing	Only manual sorting and sizing	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	Proposal made for the separate removal and spreading of top soil on the backfilled area.	Nil	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	Proposal made for the backfilling of overburden/waste rock into the mined out pit.	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Part of the mineral exhausted pit to be backfilled and remaining part to be converted into water reservoir	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	Plantation: 600, Survival Rate: 80	350 70	250	Rule 11(1)
Remark: Due to less no of Planation Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Water to be sprinkled on the haul road to suppress the dust being getting airborne	Mobile water tankers have been deployed for the purpose.	0	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 : No, Last Monthly Returns : Yes - December 2025 - Submitted on : 2026-01-05	M.R. Submitted up to October. -2025 A.R. submitted up to- Year 2024-25	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mine Engineer : MEHUL GOSWAMI & Date of Appointment : 2025-05-22 Geologist : Rajiv Songara & Date of Appointment : 2025-05-22	Mining Engineer: Mehul Goswami Geologist: Rajiv Songara	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	-	-	-	No Violation
Remark: NIL Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	-	-	-	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	-	-	-	No Violation
Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	within the limit	Ex mine price 760/- COP- 760/-	-	No Violation
Remark: NIL Remark File: NIL					

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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 , Rating : 3 Stars	2022-23 2 Star 2023-24 3 star 4 star 3 star	0	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	17715685936997fdd12811507GUJ07123_MIDPAS.pdf	MIDPAS 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	Environment : Plantation & Survival rate	Plantation: 600, Survival Rate: 80	350 70	250	Rule 11(1)
Remark: Due to less no of Planation Remark File: NIL					

Final Submitted

Esigned by: Ashish Pal Date: 20/02/2026 11:55:28 AM
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