

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	07GUJ07020	Lease Area (Ha) :	32.38
Forest Area (Ha) :	N/A	Mine Code :	07GUJ07020
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 :	Lamba	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 :	1986-09-30	Date of Mining Lease Execution :	1986-09-30
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 :	Mehul Goswami	Qualification of Mining Engineer :	BE Mining
Address of Mining Engineer :	Khambalia, Jamnagar	Phone of Mining Engineer :	N/A
Email of Mining Engineer :	N/A	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	Nil		
Geologist Details			
Name of the Geologist :	Rajiv Songara	Qualification of Geologist :	MSc Geology
Address of Geologist :	Khambalia, Jamnagar	Phone of Geologist :	N/A
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	Nil		
Mine Manager Details			
Name of the Mine Manager :	Mehul Goswami	Qualification of Mine Manager :	BE Mining
Address of Mine Manger :	Khambalia, Jamnagar	Phone of Mine Manger :	N/A
Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A

Date of Mine Manger Appointment :	Nil		
Mineral(s) granted in lease and proved for mining :	BAUXITE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2025-02-07 (2025 - 2029)
Method of mining :	Open Cast	Category :	OTHER_THAN_MECHANISED
Nature of Use :	Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Debajyoti Nayak
Designation :	Junior Mining Geologist
Name of the Accompanying Official from Mine :	Shri Gunananda Roy
Designation of the Accompanying Official :	Mines Agent
Type of Inspection :	MCDR,STR
Date of Inspection :	12/12/2025
Review year considered for MCDR Inspection :	2024-2025

2.2.1 : Exploration Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violatio n under Rule
1	Number of Core Boreholes	Nil	Nil	0.000	No Violatio n
Remark: NIL Remark File: NIL					
2	Number of DTH Boreholes	Nil	Nil	0.000	No Violatio n
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	3	11	-8.000	No Violatio n
Remark: A total of 11 exploratory pits were excavated during 2024–25, each measuring 5 × 5 × 5 meters. Out of these, 03 pits were as per the proposal for 2024–25, while the remaining 08 pits were carried out to clear the previous backlog. Remark File: NIL					
4	Number of exploratory Trenches	Nil	Nil	0.000	No Violatio n
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	17.658	26.140	-8.482	No Violatio n
Remark: A total of 11 Exploration Pits were carried out in 2024-25. With respect to the dug pits, the exploration status was reclassified as mentioned.					

Remark File: NIL					
6	Lateral exploration status for the lease area-G2	6.434	4.790	1.644	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	6.051	1.450	4.601	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	2.237	Nil	2.237	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 -1174894.60, 122 -207204.80, 221 -421517.80, 222 -133229.80, 333 -91872.00	111 -1174894.60, 122 -1174804.6, 221 -421517.80, 222 -133229.80, 333 -91872.00	90	No Violation
Remark: Total 90 tonnes of production was reported in 2024-25. 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	Pit No-1, Grid: S117 to W440 & S117 to W 290	Nil	Pit No-1, Grid: S117 to W440 & S117 to W 290	Rule 11(1)
Remark: The development was not carried out as per the proposed location in the Approved Mining Plan. Remark File: NIL					
2	Quantity of overburden generation in m3	0	0	0.000	No Violation
Remark: NIL Remark File: NIL					
3	Quantity of topsoil generation in m3	3419	0	3419.000	Rule 11(1)
Remark: There was a proposal to generate 3,419 m ³ of topsoil. Since no development occurred at the proposed location in the Approved Mining Plan, the topsoil was not generated. Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0.06	0	1:0.06	No Violation
Remark: As no development was undertaken in 2024-25, the stripping ratio is not applicable here, since production occurred in the already developed existing pits. 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-1	Pit-1	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	51285	90	51195.000	Rule 11(1)
Remark: A proposal was made for the production of 51,285 tonnes of ore from Pit-1 in 2024-25; however, the lessee managed to produce only 90 tonnes during 2024–25. Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	100% Recovery of salable/usable mineral quantity from ROM production in T was proposed. Total ROM production in 2024-25: 90 T	90 T	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	No Proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	No Proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Manual	Manual	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	height of benches in mineral- 3.5 meter	height of benches in mineral- 3.5 meter	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	NA	NA	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	NA	NA	No Violation
Remark: Exploitation from Dump/Dump workings is not proposed in the Approved Review of Mining Plan.					
Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	No Proposal	NA	NA	No Violation

Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	No Proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	No Proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	No Proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	No Proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No Proposal	NA	NA	No Violation
Remark: NIL Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	No Proposal	NA	NA	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	Violatio n under Rule
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	No proposal	NA	NA	No Violatio n
Remark: NIL Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No proposal	NA	NA	No Violatio n
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	No proposal	NA	NA	No Violatio n
Remark: NIL Remark File: NIL					
4	Number of dead dumps	No proposal	NA	NA	No Violatio n
Remark: NIL Remark File: NIL					
5	Number of dumps proposed for stabilished	No proposal	NA	NA	No Violatio

					n
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No proposal	NA	NA	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	Proposed for full extraction of mineral from mined out area before starting backfilling	Full extraction of mineral from mined out area before starting backfilling.	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Year-wise area under backfilling of mined out area	0.161	0	0.161	Rule 11(1)
Remark: There was a proposal for backfilling of 0.161 Ha of area in 2024-25, but no such activity was carried out in 2024-25. Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Topsoil Generation: 3419 M3, Utilization: 3419 M3	Topsoil Generation: Nil, Utilization: Nil	Topsoil Generation: 3419 M3, Utilization: 3419 M3	No Violation
Remark: The violation for not carrying out Topsoil Generation and Utilisation was issued in the previous section, so this violation is not included here.					

Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	No area fully reclaimed & rehabilitated	Nil	No area fully reclaimed & rehabilitated as proposed as on 2024-25.	No Violation
Remark: There was a proposal for backfilling of 0.161 Ha and making a water reservoir of 0.6838 Ha in 2024-25, but no such activity was carried out in 2024-25. The violation of reclamation & rehabilitation was issued in the previous section, so this violation is not included here. Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	Pit-1	Nil	Pit-1	No Violation
Remark: No area reclaimed & rehabilitated as per the proposed location. 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.	Reclamation and Rehabilitation by backfilling- 0.16 Ha, plantation proposed: 100, area: 0.04 Ha	Reclamation and rehabilitation by backfilling- Nil, plantation proposed: 250, area: 0.04 Ha	reclamation and rehabilitation by backfilling- 0.16 Ha.	No Violation
Remark: NIL Remark File: NIL					
2	Rehabilitation by making water reservoir	0.6838 Ha	Nil	0.6838 Ha	Rule 11(1)

Remark: There was a proposal for making a water reservoir of 0.6838 Ha in 2024-25, but no such activity was carried out in 2024-25. Remark File: NIL					
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Compliance of Rehabilitation of waste land within lease i) Afforestation: 100 sapling, 0.04 Ha ii) Area rehabilitated (ha): 0.04	Compliance of Rehabilitation of waste land within lease i) Afforestation: 100 sapling, 0.04 Ha ii) Area rehabilitated (ha): 0.04	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Proposed	Quarterly monitoring 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	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, Abrasive & Refractory.	Cement, Abrasive & 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	NA	NA	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 and utilization of topsoil for planation and backfilling purpose.	No topsoil generated in 2024-25.	Topsoil generation and utilization: Nil	No Violation
Remark: The violation for not carrying out Topsoil Generation and Utilisation was issued in the previous section, so this violation is not included here. Remark File: NIL					
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Proposed	Nil	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use.	No Violation
Remark: The violation for not carrying out land restoration and backfilling was issued in the previous section, so this violation is not included here.					

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.	Only a portion of the pits was converted into a water reservoir, while plantation activities were carried out in the previously reclaimed area during 2024-25 as part of land rehabilitation purpose.	Backfilling not carried out.	No Violation
Remark: The violation for not carrying out land restoration by backfilling was issued in the previous section, so this violation is not included here.					
Remark File: NIL					
4	Plantation & Survival rate	Plantation: 100 sapling Survival rate: 65%	Plantation: 250 sapling Survival rate: 65%	Plantation: +150 saplings	No Violation
Remark: NIL					
Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Proposed	Mobile water tanker deployed to control airborne dust.	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
1	Submission of Online Monthly and Annual returns in prescribed period or not	Submission of Online Monthly and Annual returns in prescribed period.	Monthly submitted up to January 2026 and Annual returns submitted on 17/06/2025.	Nil	No Violation
Remark: NIL					
Remark File: NIL					

2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	No information given in AR 2024-25 regarding appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Appointment of Mining Engineer: Mehul Goswami & Geologist: Rajiv Songara	No information given in AR 2024-25 regarding appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Rule 45(7) Rule 55(1)
Remark: As per Rule 55(1) of the Mineral Conservation and Development Rules (MCDR), 2017, every holder of a mining lease is required to employ, in the case of category 'A' mines with a leased area equal to or exceeding twenty-five hectares, a full-time Mining Engineer and a Geologist. However, in the Annual Return for the year 2024–25, no information has been provided regarding the appointment of a Mining Engineer and Geologist for the said period. Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not Applicable	Not Applicable	Not Applicable	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Captive Consumption. sale value: 1100/-, Ex. Mine price: 1100/-, production cost: 1100/- rupees per tonne	Captive Consumption. sale value: 1100/-, Ex. Mine price: 1100/-, production cost: 1100/- rupees per tonne	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	2022-23: 3 Star 2023-24: 3 Star 2024-25: 3 Star	2022-23: 3 Star 2023-24: 3 Star 2024-25: 3 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	177253253269a6b3346d2d8Midpas_Report.pdf	Midpas Report
2	177253255969a6b34f84ea8PROFILE_1.pdf	Profile_sections

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	Pit No-1, Grid: S117 to W440 & S117 to W 290	Nil	Pit No-1, Grid: S117 to W440 & S117 to W 290	Rule 11(1)
Remark: The development was not carried out as per the proposed location in the Approved Mining Plan. Remark File: NIL					
2	Development - Opencast : Quantity of topsoil generation in m3	3419	0	3419.000	Rule 11(1)
Remark: There was a proposal to generate 3,419 m ³ of topsoil. Since no development occurred at the proposed location in the Approved Mining Plan, the topsoil was not generated. Remark File: NIL					
3	Exploitation - Opencast Mine : Quantity of ROM mineral production proposed (in T)	51285	90	51195.000	Rule 11(1)
Remark: A proposal was made for the production of 51,285 tonnes of ore from Pit-1 in 2024-25; however, the lessee managed to produce only 90 tonnes during 2024–25. Remark File: NIL					
4	Solid Waste Management - Backfilling (Opencast) : Year-wise area under backfilling of mined out area	0.161	0	0.161	Rule 11(1)
Remark: There was a proposal for backfilling of 0.161 Ha of area in 2024-25, but no such activity was carried out in 2024-25. Remark File: NIL					
5	Progressive Mine Closure Plan :	0.6838 Ha	Nil	0.6838 Ha	Rule 11(1)

	Rehabilitation by making water reservoir				
Remark: There was a proposal for making a water reservoir of 0.6838 Ha in 2024-25, but no such activity was carried out in 2024-25. Remark File: NIL					
6	Annual Return : Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	No information given in AR 2024-25 regarding appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Appointment of Mining Engineer: Mehul Goswami & Geologist: Rajiv Songara	No information given in AR 2024-25 regarding appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Rule 45(7) Rule 55(1)
Remark: As per Rule 55(1) of the Mineral Conservation and Development Rules (MCDR), 2017, every holder of a mining lease is required to employ, in the case of category 'A'; mines with a leased area equal to or exceeding twenty-five hectares, a full-time Mining Engineer and a Geologist. However, in the Annual Return for the year 2024–25, no information has been provided regarding the appointment of a Mining Engineer and Geologist for the said period. Remark File: NIL					

Final Submitted

Esigned by: Debajyoti Nayak
Date: 03/03/2026 04:24:37 PM