

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	07GUJ07031	Lease Area (Ha) :	186.96
Forest Area (Ha) :	N/A	Mine Code :	07GUJ07031
Registration Number :	IBM/727/2011	Name of lessee :	GUJARAT MINERAL DEVELOPMENT CORPORATION LIMITED
Address of lessee :	Khanij Bhavan, ,132 Ft Ring Road, Gujarat University Ground,, Ahmedabad	Phone of lessee :	0792-7913501
Email of lessee :	Gm.geology.co@gmdcltd.com	Fax Number :	N/A
Village :	Mevasa	Taluka / Mandal :	Kalyanpur
District :	Devbhumi Dwarka	Pincode :	380052
State :	Gujarat	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2069-12-01	Date of Mining Lease Execution :	2069-12-01
Date of opening in the mine :	Nilsss		

Nominated Owner Details			
Name of the Nominated Owner :	Mr Roopwant Singh IAS	Nominated Owner Address:	Khnaij Bhavan, GMDC Office
Nominated Owner Mobile :	9727792640	Nominated Owner Email :	Gm.geology.co@gmdcltd.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2021-06-14
Mining Engineer Details			
Name of the Mining Engineer :	V.K Singh	Qualification of Mining Engineer :	BE Mining
Address of Mining Engineer :	Mewasa, Jamnagar.	Phone of Mining Engineer :	9727792850
Email of Mining Engineer :	Bhatia@gmdcltd.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2023-12-27		
Geologist Details			
Name of the Geologist :	H. D. Tank	Qualification of Geologist :	MSc Geology
Address of Geologist :	At & Po- Mevasa, Tal- Kalyanpur, Dist – Devbhoomi Dwarka	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 :	V.K Singh	Qualification of Mine Manager :	BE Mining
Address of Mine Manger :	At & Po- Mevasa, Tal- Kalyanpur, Dist – Devbhoomi Dwarka	Phone of Mine Manger :	9727792850
Email of Mine Manger :	Bhatia@gmdcltd.com	Fax Number of Mine Manger :	N/A

Date of Mine Manger Appointment :	2023-12-27		
Mineral(s) granted in lease and proved for mining :	BAUXITE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2024-12-24 (2025 - 2029)
Method of mining :	Open Cast	Category :	OTHER_THAN_MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Debajyoti Nayak
Designation :	Inspection Officer
Name of the Accompanying Official from Mine :	V.K Singh & H. D. Tank
Designation of the Accompanying Official :	Mines Manager & Geologist
Type of Inspection :	MCDR,STR
Date of Inspection :	11/12/2025
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	Violation under Rule
1	Number of Core Boreholes	Not Proposed.	NA	NA	No Violation
Remark: 187 boreholes were drilled in 2010–11 and 2018–19, and as the leased area is fully explored at G1 level, no proposal was made in 2024-25.. Remark File: NIL					
2	Number of DTH Boreholes	Not Proposed.	NA	NA	No Violation
Remark: The leased area is fully explored in G1 level; no proposal was made in 2024-25. Remark File: NIL					
3	Number of exploratory pits / trial pits	Not Proposed.	NA	NA	No Violation
Remark: No exploratory pits/trial pits were carried out in 2024-25, as no proposal was given. Remark File: NIL					
4	Number of exploratory Trenches	Not Proposed.	NA	NA	No Violation
Remark: The leased area is fully explored at the G1 level of exploration. Remark File: NIL					
5	Lateral exploration status for the lease area - G1	186.96	186.96	0.000	No Violation
Remark: The leased area is fully explored at the G1 level of exploration. Remark File: NIL					

6	Lateral exploration status for the lease area-G2	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	Nil	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 on 01/04/2024, 111- 1,513,081.70 tonnes, 221- 1,190,417 tonnes.	As on 01/04/2024, 111- 1,388,097.17 tonnes, 221- 1,190,417 tonnes.	111-124,984.53 tonnes	No Violation
Remark: Total production reported is 124,984.53 (in tonnes) in 2024-25 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	Pits No- 6 & 9	Pits N0- 6 & 9	Nil	No Violation
Remark: Development operations were carried out in Pit 6 and Pit 9. Pit 6 comprised four to five benches, whereas Pit 9 contained up to two benches. The maximum height of the benches was 3 meters. Portions of the pits were partially waterlogged, and Pit 9 was observed to contain waste/overburden material. Remark File: NIL					
2	Quantity of overburden generation in m3	23278	8000	15278.000	No Violation
Remark: The observed deviation arises due to comparatively lesser production and development operations in Pit No. 9, which contains overburden. Remark File: NIL					
3	Quantity of topsoil generation in m3	Not Proposed.	NA	NA	No Violation
Remark: Since the topsoil at the mine site occurs in very limited thickness, no separate proposal was submitted for its management. Remark File: NIL					
4	Stripping ratio : ore to OB ratio	2.6	0.06	2.540	No Violation
Remark: The observed deviation arises due to comparatively lesser production and development operations in Pit No. 9, which contains overburden. Remark File: NIL					

2.4.1 Exploitation - Opencast Mine Details

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S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of pits / Blocks proposed for production	Pit 6 and Pit 9	Pit 6 and Pit 9	Nil	No Violation
Remark: Production was carried out in Pit 6 and Pit 9. Pit 6 comprised four to five benches, whereas Pit 9 contained up to two benches. The maximum height of the benches was 3 meters. Pit 9 was observed to contain waste/overburden material. Different grades of bauxite were identified along the bench faces during the inspection. Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	125000	124984.535	15.465	No Violation
Remark: A total of 124984.535 tonnes of bauxites produced in 2024-25, which is 99% of the proposal. Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	ROM Production-124984.535	Salable mineral-124984.535 Subgrade-Mineral Reject-Nil	Nil	No Violation
Remark: 100% recovery of salable/usable mineral quantity from ROM production. Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	6250 tonnes	0	6250.000 tonnes	No Violation
Remark: It was initially proposed that about 5% of mineral rejects would be generated from ROM. However, during 2024–25, no mineral reject generation was reported, as the rejects have become saleable and are no longer classified as mineral rejects; hence, the quantity was recorded accordingly. Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Grade of mineral reject/sub-grade-20-30% Al2O3	Grade of mineral reject/sub-grade-20-30% Al2O3	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Nil	No Violation

	segregating subgrade/mineral rejects from ROM				n
Remark: NIL Remark File: NIL					
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	Proposed height of benches mineral-3 meters.	Actual height of benches mineral-3 meters.	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed.	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	Not Proposed.	NA	NA	No Violation
Remark: The dumps consist of waste material with Al ₂ O ₃ content below the threshold value. Since this material is not saleable as per the present market condition, no proposal has been made for dump workings.					

Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	Not Proposed.	NA	NA	No Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	Not Proposed.	NA	NA	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	Not Proposed.	NA	NA	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	Not Proposed.	NA	NA	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	Not Proposed.	NA	NA	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Not Proposed.	NA	NA	No Violation
Remark: NIL Remark File: NIL					

8	Manual / Mechanized method adopted for dump working	Not Proposed.	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	Violation under Rule
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Separate dumping of OB & mineral rejects is proposed.	Separate dumping of OB was carried out as proposed. Mineral rejects Not generated.	Nil	No Violation
Remark: Mineral rejects are now classified as saleable minerals; therefore, no separate dumping was undertaken for them in the 2024-25 year. Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	OB: 23278 M3 IB/OB will be generated, and which will be dumped at the proposed dump site. From:2458643, 532736 To: 2458743, 532892.	OB Dump location-From:2458643, 532736 To: 2458743, 532892.	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Number of active & Inative dumps	Active dumps -01	Active dumps -01	Nil	No Violation
Remark: A total of 03 dumps are present, 02 area stabilised. Remark File: NIL					
4	Number of dead dumps	Not Proposed.	NA	NA	No Violation

					n
Remark: NIL Remark File: NIL					
5	Number of dumps proposed for stabilished	Not Proposed.	NA	NA	No Violation
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Not Proposed.	NA	NA	No Violation
Remark: A total of 02 Stabilised Dump observed within the lease area. Stabilisation Technique - Terracing, plantation. 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	Status on part or full extraction of mineral from mined out area before starting backfilling	No area is fully extracted of mineral.	Nil	No Violation
Remark: Total Area under Mining: 39.200 ha as of 2024-25. Remark File: NIL					
2	Year-wise area under backfilling of mined out area	Backfilling- 0.7759 Ha in 2024-25	0.3 Ha.	0.477	No Violation

Remark: Less backfilling was carried out due to less waste generation. Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Not Proposed	NA	NA	No Violation
Remark: NIL Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	Proposal for reclaimed; By Backfilling-0.7759 and by making water reservoir-2.5 Ha	Actual reclaimed; By Backfilling-0.3 and by making water reservoir-0.5 Ha	Backfilling --0.477 Ha Water reservoir-2.0 Ha	No Violation
Remark: Less backfilling was carried out due to less waste generation. Rainfall constraints and reduced water accumulation at the proposed reservoir site resulted in a smaller reservoir area than planned. Total area fully reclaimed--10.0751Ha & rehabilitated-27.0451Ha. Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	Pit-06	Pit-06	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	plantation proposed-1500	1515	+15	No Violation

	Total area and numbers of plantation proposed.				
Remark: NIL Remark File: NIL					
2	Rehabilitation by making water reservoir	2.5 Ha	0.5 Ha	2.0 Ha	No Violation
Remark: Rainfall constraints and reduced water accumulation at the proposed reservoir site resulted in a smaller reservoir area than planned. The total area of rehabilitation by making a water reservoir is currently 8.6595 hectares. Remark File: NIL					
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	plantation proposed-1500 Fencing-550 meter	plantation proposed-1515 Fencing-550 meter	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Monitoring of Air & Water within lease area	Complied (Monthly monitoring in core 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
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					Rule
1	ROM Mineral dispatch or grade-wise sorting within lease area	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting within lease area.	Nil	No Violation
Remark: A total of 231,926.985 tonnes of minerals were grade-wise sorted at the mine. Remark File: NIL					
2	Different grade of mineral sorted out at mines	Different grade of mineral sorted out at mines	1. 40% to below 45% Al ₂ O ₃ - 98723.030 Te 2. Cement- 16407.325 Te 3. Abrasive- 12004.575 Te 4. Refractory- 112992.350 Te	Nil	No Violation
Remark: A total of 231,926.985 tonnes of minerals were grade-wise sorted at the mine. Remark File: NIL					
3	Any beneficiation process at mines	Not Proposed	NA	NA	No Violation
Remark: NIL Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage)	300 Tonnes	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	Not proposed	NA	NA	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	Use of overburden, waste rock for restoring the land to its original use.	6000 Tonnes of waste material generate in 2024-25, and 0.3 Ha of area used for restoring the land.	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Use of overburden, waste rock for restoring the land to its original use.	6000 Tonnes of waste material generate in 2024-25, and 0.3 Ha of area used for restoring the land.	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	Plantation-1 Ha Survival rate-70%	Plantation-1.02 Ha Survival rate-90%	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust	Water sprinkling on roads to control airborne dust was carried out in 2024-25.	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	Online Monthly and Annual returns	Online Monthly and Annual returns were submitted on prescribed period.	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Manager Engineer: Sh V.K. Singh Geologist: Sh H. D. Tank	Nil	No Violation
Remark: NIL 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	NA	NA	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	Sale value: (a) Cement: 625.96, (b) Abrasive: 1536.17 and (c) Refractory: 2869.99, (d) 40% to below 45% Al2O3: 1198.76 rupees/Tonne. Ex. Mine price: (a) Cement: 625.96, (b) Abrasive: 1536.17 and (c) Refractory: 2869.99, d) 40% to below 45% Al2O3: 1198.76 rupees/Tonne. Production cost: 1577.87 rupees/Tonne.	Sale value: (a) Cement: 625.96, (b) Abrasive: 1536.17 and (c) Refractory: 2869.99, (d) 40% to below 45% Al2O3: 1198.76 rupees/Tonne. Ex. Mine price: (a) Cement: 625.96, (b) Abrasive: 1536.17 and (c) Refractory: 2869.99, d) 40% to below 45% Al2O3: 1198.76 rupees/Tonne. Production cost: 1577.87 rupees/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- 5 Star 2023-24- 5 Star 2024-25- 5 Star	2022-23- 5 Star 2023-24- 5 Star 2024-25- 5 Star	Nil	No Violation
Remark: NIL Remark File: NIL					

Part-III : Other Reports

3.1.1 : Upload Other Reports

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S.N.	Reports File	Remark File Description
1	1770886868698d96d4d17d7MIDPAS_Report.pdf	MIDPAS_Report
2	1770886892698d96ec17661Profile_Sections.pdf	Profile_Sections

Part-IV : Summary Details

4.1 : Summary of Violations

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violatio n under Rule
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Esigned by: Debajyoti Nayak
Date: 02/03/2026 12:30:33 PM