

# INDIAN BUREAU OF MINES

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

### Part-I : General Information

#### 1.1.1 Mine Details

Name of the Mine :	07GUJ10012	Lease Area (Ha) :	73.38
Forest Area (Ha) :	N/A	Mine Code :	07GUJ10012
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 :	Vandh	Taluka / Mandal :	Mandvi
District :	Kachchh	Pincode :	380052
State :	Gujarat	Post Office :	N/A
Nearest Police Station :	Gadhsisa	Nearest Railway Station :	Bhuj
Date of Grant of Mining Lease :	2067-06-12	Date of Mining Lease Execution :	2067-06-12
Date of opening in the mine :	1967-06-12		

<b>Nominated Owner Details</b>			
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
<b>Mining Engineer Details</b>			
Name of the Mining Engineer :	Shri H A Vakani	Qualification of Mining Engineer :	BE (Mining) & 1st Class Mine Manager Under MMR-1961
Address of Mining Engineer :	Wandh, Tal-Mandvi, Dist.-Kutch(Gujarat)-370465	Phone of Mining Engineer :	7427835448
Email of Mining Engineer :	Havakani@gmdcltd.co.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2025-02-16		
<b>Geologist Details</b>			
Name of the Geologist :	Shri Rajendrakumar B Das	Qualification of Geologist :	M.Sc Grology
Address of Geologist :	GMDC Colony, Gadhsisa	Phone of Geologist :	8160432860
Email of Geologist :	Rbdas@gmdcltd.co.in	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2025-07-25		
<b>Mine Manager Details</b>			
Name of the Mine Manager :	Shri H A Vakani	Qualification of Mine Manager :	BE (Mining) & 1st Class Mine Manager Under MMR-1961
Address of Mine Manger :	Wandh, Tal-Mandvi, Dist.-Kutch(Gujarat)-370465	Phone of Mine Manger :	7427835448

Email of Mine Manger :	Havakani@gmdcltd.co.in	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2025-02-16		
Mineral(s) granted in lease and proved for mining :	BAUXITE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	N/A
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 :	Debasish Das
Designation :	Assistant Controller Of Mines
Name of the Accompanying Official from Mine :	Shri H A Vakani
Designation of the Accompanying Official :	Mining Engineer
Type of Inspection :	MCDR,STR
Date of Inspection :	13/10/2025
Review year considered for MCDR Inspection :	2024-2025

Final Submitted

**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	Not Applicable	No Deviation	No Violation
Remark: Area covered already in G1 category Remark File: NIL					
2	Number of DTH Boreholes	No Proposal	Not Applicable	No Deviation	No Violation
Remark: Area covered already in G1 category Remark File: NIL					
3	Number of exploratory pits / trial pits	No Proposal	Not Applicable	No Deviation	No Violation
Remark: Area covered already in G1 category Remark File: NIL					
4	Number of exploratory Trenches	No Proposal	Not Applicable	No Deviation	No Violation
Remark: Area covered already in G1 category Remark File: NIL					
5	Lateral exploration status for the lease area - G1	34.6705	34.6705	0.000	No Violation
Remark: Area covered already in G1 category Remark File: NIL					

6	Lateral exploration status for the lease area-G2	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
7	Lateral exploration status for the lease area-G3	Nil	Nil	0.000	No Violation
Remark: NIL Remark File: NIL					
8	Lateral exploration status for the lease area-G4	Nil	Nil	0.000	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)	Total Reserves : 111: 1627294 121: 0 122:0 Total Mineral Resources: 211: 0 221: 72790 222: 0 331: 0 332:0 333:0 334:0	Total Reserves : 111: 1605330 121: 0 122:0 Total Mineral Resources: 211: 0 221: 72790 222: 0 331: 0 332:0 333:0 334:0	No Deviation	No Violation
Remark: Total Reserves depletion: 21964 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	For the Financial Year 2024 - 25, development was proposed in Pit No. 1, 2, and 3, from Bench No. 1 to Bench No. 4, progressing in the North-South (NS) direction.	During the field inspection conducted on 13/10/2025, it was observed that the development has been carried out in pit 2 location.	There is a deviation in excavation	No Violation
Remark: Excavation couldn't achieved due to less production Remark File: NIL					
2	Quantity of overburden generation in m3	No Proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
3	Quantity of topsoil generation in m3	No Proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	1:0	1:0	No Deviation	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
-----	---------------------	-----------------------------	--------	-----------	-----------

					n under Rule
1	Number of pits / Blocks proposed for production	3 nos. pit (Pit 1, Pit 2 & Pit 3)	Production achieved from Pit 2 location	No Deviation	No Violation
Remark: Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	114000	272.152	113727.848	No Violation
Remark: Only 0.23% of the proposed production for the Financial Year 2024&ndash;25 has been achieved against the target mentioned in the approved Mining Plan. Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	100%	100%	0.000	No Violation
Remark: ROM production in T: 272.152. Salable/usable mineral quantity: 272.152 Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	0	0	0.000	No Violation
Remark: Mineral reject not generated as 100% recovery of salable/usable mineral quantity from ROM production. Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Not applicable	Not applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Not applicable	Not applicable	No Deviation	No Violation

Remark: Mineral reject not generated as 100% recovery of salable/usable mineral quantity from ROM production.

Remark File: NIL

7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	3	3	0.000	No Violation
---	---	---	---	-------	--------------

Remark: Maximum height of benches in mineral are 3 meter. OB is not available in pits.

Remark File: NIL

8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	Not applicable	No Deviation	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	Not Applicable	No Deviation	No Violation

Remark: NIL

Remark File: NIL

2	Quantity of dump material handling Proposed (in Tonne)	No Proposal	Not Applicable	No Deviation	No Violation
---	--	-------------	----------------	--------------	--------------

Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	No Proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	No Proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	No Proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	No Proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	No Proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	No Proposal	Not Applicable	No Deviation	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	Not applicable	No Deviation	No Violation
Remark: No overburden, mineral rejects, fines, or tailings are being generated in the mine. Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	No Proposal	Not applicable	No Deviation	No Violation
Remark: No overburden, mineral rejects, fines, or tailings are being generated in the mine. Remark File: NIL					
3	Number of active & Inative dumps	No Proposal	Not applicable	No Deviation	No Violation
Remark: One dump has already been stabilized, and there are no further proposals for dump stabilization. Remark File: NIL					
4	Number of dead dumps	1 no of stabilised dump	stabilised	No Deviation	No Violation
Remark: Total no of dead dumps: 1.No proposal for any further dump stabilization. Remark File: NIL					
5	Number of dumps	No Proposal	Not applicable	No Deviation	No

	proposed for stabilised				Violation
Remark: One dump has already been stabilized, and there are no further proposals for dump stabilization. Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	No Proposal	Not applicable	No Deviation	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	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
2	Year-wise area under backfilling of mined out area	No proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
3	Year-wise topsoil generation, Utilization	No proposal	Not Applicable	No Deviation	No Violation

	and Stored proposal (in m3)				n
Remark: NIL Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	No proposal	Not Applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	No proposal	Not Applicable	No Deviation	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 location: 2544560.31N 540313.50E. Area: 0.1 ha. Number of plantation proposed: 150	Plantation location: 2544560.31N 540313.50E. Area: 0.1 ha. Number of plantation proposed: 160	No deviation	No Violation
Remark: Trees has been planted but density is not up to the mark. Survival rate of trees to be improved. Remark File: NIL					

2	Rehabilitation by making water reservoir	Proposed area under water storage is 4.1774 ha by Fy 2026-27	No area has been prepared for water storage	No Deviation	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	Not applicable	No Deviation	No Violation
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Compliance of Environmental monitoring (core zone & buffer zone) to be followed	Environmental monitoring (core zone & buffer zone) report was evident	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	Chemical grade mineral & below 40% Al <sub>2</sub> O <sub>3</sub> grade minerals dispatched after sorting within lease area.	No Deviation	No Violation
Remark: NIL					

Remark File: NIL					
2	Different grade of mineral sorted out at mines	Sorting of minerals at mine	Minerals are sorting out within Mine	No Deviation	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	No Proposal	Not applicable	No Deviation	No Violation
Remark: ROM minerals are dispatched after sorting within the mine. Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Sub grade of minerals blending at ROM stage	Blending of mineral is being done at ROM stage	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	No Proposal	NA	No Deviation	No Violation
Remark: No top soil available in mine 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: No OB materials/waste rock/rejects/fines are available in mine 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	Plantation: 150 Survival rate: 80%	Plantation: 160 Survival rate: 70%	No Deviation	No Violation
Remark: Survival rate of plantations may be improved. Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	Use of Water sprinkling on roads to control airborne dust	one no of water tanker having 10000 ltr capacity is being used in mine road to control airborne dust.	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
-----	---------------------	-----------------------------	--------	-----------	----------------------

1	Submission of Online Monthly and Annual returns in prescribed period or not	Online submission of Monthly and Annual returns in prescribed period	Monthly and Annual returns are submitted in prescribed period	No Deviation	No Violation
Remark: Annual Report: Submitted on 24/06/2025 Monthly Report: Submitted on or before the 8th day of each subsequent month Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	As per proposal	Geologist - Shri Rajendrakumar B Das (Date of Appointment. 25/07/2025) Mining Engr - Shri H A Vakani (Date of Appointment. 16/02/2025)	No Deviation	No Violation
Remark: Form H submitted for the changes Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Complete and right information to be provided	Checked Monthly return as well as annual return and found correct	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	As per actual condition	Submitted	No Deviation	No Violation
Remark: No Violation given in FY 2024-25. Monthly returns & Annual returns have submitted on time. Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	As per proposal	production cost: 1305 Ex. Mine price : 978.48/-	No Deviation	No Violation
Remark: Ex. Mine price for Below 40% Al <sub>2</sub> O <sub>3</sub> : 1063.18/-, 40% to below 45% Al <sub>2</sub> O <sub>3</sub> : 938.54/- & Chemical grade: 933.74/-. 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 star and above	FY 2023-24: 4 star. Star Rating Submitted on 28/06/2025. Self assessment by leasee for FY 24-25: 4 star	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	NIL	Nil

**Part-IV : Summary Details**

**4.1 : Summary of Violations**

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
-----	---------------------	-----------------------------	--------	-----------	----------------------

Final Submitted

Esigned by: Debasish Das  
Date: 01/01/2026 12:43:13 PM