

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	24GUJ18002	Lease Area (Ha) :	63.2
Forest Area (Ha) :	63	Mine Code :	24GUJ18002
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 :	Ambadungar	Taluka / Mandal :	Kavant
District :	Chhotaudepur	Pincode :	380052
State :	Gujarat	Post Office :	N/A
Nearest Police Station :	N/A	Nearest Railway Station :	N/A
Date of Grant of Mining Lease :	2064-12-05	Date of Mining Lease Execution :	2064-12-05
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 :	Shri Nagendra Singh Rathore	Qualification of Mining Engineer :	BE, Mining & 1st Class Mines Manager Under MMR-1961
Address of Mining Engineer :	Fluorspar Project Kadipani, Po- Kadipani, Ta- Kawant, Dist- Chhota Udepur, Gujarat	Phone of Mining Engineer :	8058998011
Email of Mining Engineer :	Ngrathore@gmdcltd.co.in	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2024-07-24		
Geologist Details			
Name of the Geologist :	Shri Deepak Kumar Majhi	Qualification of Geologist :	M.Sc. Tech. In Applied Geology
Address of Geologist :	Fluorspar Project Kadipani, Po- Kadipani, Ta- Kawant, Dist- Chhota Udepur, Gujarat	Phone of Geologist :	9938764027
Email of Geologist :	N/A	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2025-07-14		
Mine Manager Details			
Name of the Mine Manager :	Shri Nagendra Singh Rathore	Qualification of Mine Manager :	BE, Mining & 1st Class Mines Manager Under MMR-1961
Address of Mine Manger :	Fluorspar Project Kadipani, Po- Kadipani,	Phone of Mine Manger :	8058998011

	Ta- Kawant, Dist- Chhota Udepur, Gujarat		
Email of Mine Manger :	Ngrathore@gmdcltd.co.in	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2024-07-24		
Mineral(s) granted in lease and proved for mining :	FLUORITE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	2024-01-08 (2024 - 2028)
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Mandha Gunasekhar Reddy
Designation :	Assistant Controller Of Mines
Name of the Accompanying Official from Mine :	Shri Nagendra Singh Rathore
Designation of the Accompanying Official :	Mine manager
Type of Inspection :	MCDR,STR
Date of Inspection :	03/02/2026
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	As per mine plan 10 core bore holes are proposed	No exploratation is done in the FY 24-25	10 holes need to be drilled	Rule 11(1)
Remark: No exploratation is done in the FY 24-25 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	16.60	No change	Nil	No Violation
Remark: No exploratation is done in the FY 24-25 Remark File: NIL					

6	Lateral exploration status for the lease area-G2	11.70	No change	Nil	No Violation
Remark: No exploratation is done in the FY 24-25 Remark File: NIL					
7	Lateral exploration status for the lease area-G3	13.10	No change	Nil	No Violation
Remark: No exploratation is done in the FY 24-25 Remark File: NIL					
8	Lateral exploration status for the lease area-G4	6(non mineralise area)+15.70 as per mine plan	No change	Nil	No Violation
Remark: No exploratation is done in the FY 24-25 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)	FLUORITE - 111-2521550 122- 732830 Total Reserve 3254380.00 , Total Resource 1307900.00	FLUORITE - 111-2521147 122- 732830 Total Reserve 3253977.00 , Total Resource 1307900.00	403 tons depleted in reserves(111) as per Annual return	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	pit 1 & pit 2	Pit 1 only	no working in pit 2	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of overburden generation in m3	113021.00	Nil	113021.000	Rule 11(1)
Remark: Not as per given proposals Remark File: NIL					
3	Quantity of topsoil generation in m3	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	2.19	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 under
.					

					Rule
1	Number of pits / Blocks proposed for production	Pit ID : Pit-1, Pit-2	only worked in Pit 1	No work did in pit 2	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	150000.00 proposed as per mine plan	403 tons as per annual return.	149597.000	No Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	150000.00 t	403 t	149597.000 t	No Violation
Remark: NIL Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	Mechanised	Mechanised	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	5 meter in bench height in mineral	As per proposal	Nil	No Violation
Remark: NIL					
Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	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	Nil	Nil	Nil	No Violation
Remark: NIL					
Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	Nil	Nil	Nil	No Violation

Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
8	Manual / Mechanized method adopted for dump working	Nil	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)	113021 cu.mt waste proposed	No waste generated as per Annual return	113021 cu.mt	Rule 11(1)
Remark: Not as per proposals. Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	N:2432404 to 2432748 E: 402584 to 402723	At the time of inspection it was observed that Temporary waste Dump is using for waste disposal .	Nil	No Violation
Remark: FA is given for temporary waste dump Remark File: NIL					
3	Number of active & Inative dumps	waste Dump 1 & 2 are active dumps and a temporary waste dump	At the time of inspection it was observed that Temporary waste Dump is using for waste disposal .	Nil	No Violation
Remark: FA is given for temporary waste dump Remark File: NIL					
4	Number of dead dumps	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Number of dumps	Nil	Nil	Nil	No

	proposed for stabilised				Violation
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Garland drain (420 meter)and Toe wall(420 meter) is proposed near Waste Dump 1& 2	Not as per proposal	The garland drain and toe wall of 420 meter each to be prepared to stabilize the Dumps.	Rule 11(1)
Remark: The garland drain and toe wall of 420 meter each to be prepared to stabilize the Dumps. As the lease in the vicinity of Human habituates area. 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	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Year-wise area under backfilling of mined out area	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in	Nil	Nil	Nil	No Violation

	m3)				
Remark: NIL Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	Nil	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.	Plantation : Area : 0.72, No. of Plant : 200 as per Mine plan	As per proposals	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Rehabilitation by	Nil	Nil	Nil	No

	making water reservoir				Violation n
Remark: NIL Remark File: NIL					
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Nil	Nil	Nil	No Violatio n
Remark: NIL Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Regular monitoring of air , water , noise	As per proposals	Nil	No Violatio n
Remark: NIL Remark File: NIL					

2.8.1 : Mineral Conservation Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violatio n under Rule
1	ROM Mineral dispatch or grade-wise sorting within lease area	Yes	As per proposal	Nil	No Violatio n
Remark: NIL Remark File: NIL					

2	Different grade of mineral sorted out at mines	Yes (Below 30 % Caf2)	As per proposal	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	Nil	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	Nil	Nil	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Use of overburden,	Nil	Nil	Nil	No

	waste rock, rejects and fines dumps for restoring the land to its original use				Violation n
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Nil	Nil	Nil	No Violatio n
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	Plantation : 200, Survial Rate : 80	As per proposal	Nil	No Violatio n
Remark: NIL Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	water tanker is proposed for dust suppression	As per proposal	Nil	No Violatio n
Remark: NIL Remark File: NIL					

2.10 : Annual Return Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violatio n under Rule

1	Submission of Online Monthly and Annual returns in prescribed period or not	As per MCDR 2017	In FY 24-25 Monthly and Annual return submitted on time	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	As per MCDR 2017	Appointment given as per statue	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	Nil	Nil	Nil	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	As per MCDR, 2017	cost of production is 412.20	Nil	No Violation
Remark: NIL Remark File: NIL					

2.11 : SDF Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violatio n under Rule
1	Start Ratings accorded for mine during last 3 years	As per MCDR,2017	Year of Submission : 2023-2024 , Rating : 3 Star 24-25 -4 star(self assessed)	Nil	No Violatio n
Remark: NIL Remark File: NIL					

Part-III : Other Reports

3.1.1 : Upload Other Reports

S.N.	Reports File	Remark File Description
1	177365661769b7da2974f68profile_8002_(1).pdf	profile qgis
2	177365661769b7da297c4afmidpas.pdf	midpas

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	Exploration : Number of Core Boreholes	As per mine plan 10 core bore holes are proposed	No exploratation is done in the FY 24-25	10 holes need to be drilled	Rule 11(1)
Remark: No exploratation is done in the FY 24-25 Remark File: NIL					
2	Development - Opencast : Quantity of overburden generation in m3	113021.00	Nil	113021.000	Rule 11(1)
Remark: Not as per given proposals Remark File: NIL					
3	OB / Waste Dumps details : Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	113021 cu.mt waste proposed	No waste generated as per Annual return	113021 cu.mt	Rule 11(1)
Remark: Not as per proposals. Remark File: NIL					
4	OB / Waste Dumps details : Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Garland drain (420 meter)and Toe wall(420 meter) is proposed near Waste Dump 1& 2	Not as per proposal	The garland drain and toe wall of 420 meter each to be prepared to stabilize the Dumps.	Rule 11(1)
Remark: The garland drain and toe wall of 420 meter each to be prepared to stabilize the Dumps. As the lease in the vicinity of Human habituates area. Remark File: NIL					

Final Submitted

Esigned by: Mandha Gunasekhar Reddy
Date: 16/03/2026 03:56:48 PM