

MCDR-MiFLOBXT/136/2022-GNR-IBM_RO_GNR
MCDR INSPECTION INFORMATION SHEET

I/28533/2024

1.0 GENERAL

SN	Particulars	Details
1(a)	Name of the Mine	Wandh-2 Bauxite Mine
1(b)	Name of Inspecting Officer & Designation	Shri Mohammad Nimar, Deputy Controller of Mines
1(c)	Accompanying Mines Representatives	Sh.N.R Sankhat
1(d)	Type of Inspection	Star Rating & MCDR Inspection
1(e)	Date of Inspection	02/12/2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	8.09.00 Hect.
3	Mine code	07GUJ10013
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/727/2011
5	Name of the lessee, Address, phone, email and fax number	M/S GMDC LTD
6	Village	Wandh
7	Taluka/Mandal	Mandvi
8	District	Kutch
9	Pin code	370445
10	State	Gujarat
11	Post office	Wandh
12	Nearest police station	Gadhsisa
13	Nearest Railway station	Bhuj
14	Date of Grant of Mining Lease	13.06.1975
15	Date of Execution	11.02.1976
16	Date of opening of Mine	11.02.1976
17	Date of first Renewal, if applicable and its period & expiry	09.02.1995 period 20 year
18	Date of second Renewal, if applicable and its period & expiry	04.04.2016 to 31.03.2030
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	Extension granted upto:31/03/2030 (Govt. Of Guj. Order no.: MCR-1574-G-33-8514-CHH,dtd: 31-03-2020)
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Roopwant Singh, IAS [MD]. M/s. GUJARAT MINERAL DEVELOPMENT CORPORATION Ltd. GMDC Ltd, KHANIJ BHAWAN132 Ft RingRoad, University Ground, Vastrapura, Ahmedabad. (GUJARAT)-380052 Fax No- 07927911321, Phone No- 07927911454 Date of Appointment. – 14/06/2021
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri S.R.Rathore M/s. GUJARAT MINERAL DEVELOPMENT CORPORATION Ltd. BAUXITE PROJECT, GADHSISA TAL- MANDVI- 370 445 KUTCH (Gujarat) Phone No:02834-282289, 282026 / Tele fax: 02834-282310 CIN : L14100GJ1963SGC001206, Website: www.gmdcltd.com, E-mail : gadhsisa@gmdcltd.com Date of Appointment. – 06/09/2023
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Shri N.R Sankhat Wandh-2 Bauxite Mines
23	Name of the Mining Engineer, Qualification and total experience with	Shri N.R Sankhat B.E.(Mining)&2 nd Class Manager(R)Under MMR-1961

	Address, phone, email, fax number and date of appointment in mine	MCDR-MIFLOBXT/136/2022-GUJARAT-ROGNER DEVELOPMENT CORPORATION Ltd. BAUXITE PROJECT, GADHSISA TAL- MANDVI, DIST.-KUTCH (Gujarat)-370445 Date of Appointment. – 04/08/2023
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56&57.	Geologist- Mr. A.C Khodiyar Date of Appointment. – 09/06/2023
25	Date of Approval of Mining Plan/Modified Mining Plan / Review of Mine Plan with five-year period and specific condition in approval letter, if any.	Date of Approval of Mining Plan 15/07/2003 Review of Mine Plan 14/09/2018
26	Date of Approval of Scheme of Mining/ Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	VIDE LETTER NO.: 684(4)(1)/MP-342/2021-22GNR/1393 Date of approval: -18/08/2021; 2021-22 to 2024-25
27	Mineral(s) granted in lease and proved for mining	Bauxite
28	Method of Mining(Open cast, Underground)	Open cast.
29	Category (Fully Mechanised, Others or Manual)	'A'
30	Captive/Non Captive	Non-Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

Exploration

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
1a	Backlog of previous year	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	G1	G1	Area is fully explored upto G1 Level.
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No Proposal	As reported no work carried out	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No Proposal	As reported no work carried out	
1e	Balance reserves as on 01.04.2022	0.1198 Million Ton	0.1373 Million Ton	
1f	General remarks of inspecting officer on geology, exploration etc.	No Exploration work carried out in 2022-23. Total lease area is explored in G1		

2.0 Development

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
2a	Location of development w.r.t. lease area	Pit 1 (22°59'34.59"N & 69°25'59.30"E)	Pit 1(22°59'34.59"N & 69°25'59.30"E)	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No Proposal	As reported no work carried out	
2c	Stripping ratio or ore to OB ratio	1:0.0	1:0.0	
2d	Quantity of topsoil generation in m3	No Proposal	As reported no work carried out	
2e	Quantity of overburden	No Proposal	As reported no work	

	generation in MC	MCDR-MIFLOBXT/136/2022-GNR-IBM_Reg.GNR
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Pit Developed as per the proposal.

3.0 Exploitation

SN	Item	Proposals (2022-23)		Actual work (2022-23)		Remarks
3a	Number of pits proposed for production	Pit No.1(22°59'34.59"N & 69°25'59.30"E)		Pit No.1 (22°59'34.59"N & 69°25'59.30"E)		
3b	Quantity of ROM mineral production proposed	10240 MT		2767.188 MT		
3c	Recovery of salable/usable mineral from ROM production	10240 MT		2767.188 MT		
3d	Quantity of mineral reject generation	0		0		
3e	Grade of mineral reject generation and threshold value declared	No Proposal		As reported no work carried out		
3f	Quantity of sub-grade mineral generation	No Proposal		As reported no work carried out		
3g	Grade of sub-grade mineral generation	No Proposal		As reported no work carried out		
3h	Manual / Mechanised method adopted for segregating from ROM	Manual		Manual		
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No Proposal		As reported no work carried out		
3j	Provision of drilling & blasting in mineral benches	No Proposal		As reported no work carried out		
3k	Provision of mining machineries in mineral benches	Excavator/Loader with rock breaker:1 Dumper-2 Water tanker-1		Backhoe/excavator-1 Dumper-1 Front end loader-1		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	2 m & 3 m		2 m & 3 m Yes suitable for MP		
3m	Total area covered under excavation/pits	1.246		1.240		
3n	Ore to OB ratio for the pit/mine during the year	1:0.00		1:0.00		
3o	Total area put in use under different heads at the end of year	1.925		1.918		
3p	Production of ROM mineral during last five-year period, as applicable	2018-19	19,714	2018-19	0	the production couldn't be done because approval couldn't be obtained from State Govt.
		2019-20	19,554	2019-20	0	
		2020-21	19,800	2020-21	0	
		2021-22	10,037	2021-22	0	
		2022-23	10,240	2022-23	2767.188	

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3q	General remarks of inspecting officer on method of mining etc.	Mining is being done with the help of Backhoe of 0.9 cum & dumper/tippers of 17MT. Front end loader of 1.5 Cum used for loading purpose .
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4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No Proposal	As reported no work carried out	
4b	Location of topsoil, OB & mineral reject dumps	No Proposal	As reported no work carried out	
4c	Number of dumps within lease area and outside lease area	No Proposal	As reported no work carried out	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	As reported no work carried out	
4e	Number of active & alive dumps	No Proposal	As reported no work carried out	
4f	Number of dead dumps	No Proposal	As reported no work carried out	
4g	Number of dumps stabilised	No Proposal	As reported no work carried out	
4h	Whether Retaining wall or garland drain all along dumps are there	No Proposal	As reported no work carried out	
4i	Length of Retaining wall or garland drain all along dump	No Proposal	As reported no work carried out	
4j	Number of settling ponds	No Proposal	As reported no work carried out	
4k	Specific comments of inspecting officer	No solid waste is being generated at site & No proposal for Solid waste dumping		

5.0 Solid Waste Management-Backfilling

S N	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	As reported no work carried out	
5b	Area under backfilling of mined out area	No Proposal	As reported no work carried out	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No Proposal	As reported no work carried out	
5d	Total area fully reclaimed & rehabilitated	No Proposal	As reported no work carried out	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No Proposal for backfilling and reclamation and no work carried out.		

6.0 Progressive Mine Closure Plan

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SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2). Details should be given in the format as given in Annexure-20.	Yes	Yes (Submitted Vide Letter No. = GMDC/CBPG/62/23-24) dated:-11/04/2023 Revised: submitted Vide letter no.: GMDC/CBPG/478/2023-24 Dated: 26/06/2023	Revised Submitted
6b	Management of worked/mined out benches	No Proposal	As reported no work carried out	Proposal was there for 100 nos of plantation over an area of 0.1 Ha with bio fencing.
	i) Area available for rehabilitation (ha)			
	ii) Afforestation done (ha)	0.10	0	
	iii) No. of saplings planted during the year	100	0	
	iv) Cumulative no. of plants	-	0	
	v) Any other specific method of rehabilitation	No Proposal	As reported no work carried out	
	vi) Cost incurred on watch & care during the year	50000	0	
6c	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific means	Nil	Nil	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No Proposal	As reported no work carried out	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	Yes	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Proposal was there for 100 nos of plantation over an area of 0.1 Ha with bio fencing. No Plantation was done. The PMCP returns are submitted on time as per the provision of Rule 26 of MCDR 2017. Violation under rule 11(1) was issued on 22-12-23 and the same has been complied on 05-02-24.		

7.0 Mineral Conservation

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Yes	Yes	Only manual sorting, sizing is done
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	

7c	Different grade of mineral sorted out at mines	No Proposal	As reported no work carried out
7d	Any beneficiation process at mines	No Proposal	As reported no work carried out
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Found Satisfactory.	

8.0 Environment

SN	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	Yes	NA	
8b	Concurrent use or storage of topsoil	No Proposal	As reported no work carried out	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No Proposal	As reported no work carried out	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	As reported no work carried out	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	As reported no work carried out	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	100	0	
8g	Survival rate	80%	0	
8h	Water sprinkling on roads to control airborne dust	Yes	Yes	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The mine is surrounded by villages.		

9.0 Compliance of Rule 45

S. N.	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted upto- October-2023 A.R. submitted on 30.06.2023	All the returns are being submitted within the stipulated time.

S. N.	Item	Details GIVEN in A.R.	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engg. -S J Matariya Geologist A.C Khodiyar	Mining Engg. N.R Sankhat Geologist A.C Khodiyar	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit 1.240 Dump 0.206 building ,Roads etc- 0.622	Pit 1.240 Dump 0.206 Building ,Roads etc- 0.622	

	MCDR-MiFLO	BYT/136/2022-GNR	IBM, RO, GNR
		Mineral Storage-0.056	Mineral Storage-0.056
9d	Scrutiny of Annual return on afforestation	0	Nil
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Nil
9f	Scrutiny of Annual return on ROM stock and/or graded ore	2767.188 MT	2767.188 MT
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-Mine Price: 1166.44/- Production Cost: 1166.44/-	Ex-Mine Price: 1166.44/- Production Cost: 1166.44/-
9i	Scrutiny of Annual return on fixed assets	0	0
9k	Scrutiny of Annual return on mining machineries	Backhoe-1 Dumper-1 Front end loader-1	Backhoe-1 (0.9 cum) Dumper-1(17 MT) Front end loader-1(1.5 Cum)

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: -

No Violations was pending during the year 2021-22. Plantation of 100 saplings over an area of 0.1 Ha with 22m bio fencing was proposed for the year 2022-23. However it was observed that no plantation activity was carried out during the mentioned period. Violation under Rule 11(1) was issued on 22-12-23 and the same has been complied on 05-02-24.

Verification of Star Rating template done. The Mine awarded with four star rating as self assessed.

Shri Mohammad Nimar
Deputy Controller of Mines
Regional Office
Gandhinagar.
