

**MCDR-MiFLOBXT/144/2022-GNR-IBM\_RO\_GNR**  
**MCDR INSPECTION INFORMATION SHEET**

1/7687/2023 **1.0 GENERAL**

SN	Particulars	Details
1(a)	Name of the Mine	<b>Dedhrota Bauxite Mine</b>
1(b)	Name of Inspecting Officer & Designation	Sh. Snehalkumar Patel, AME
1(c)	Accompanying Mines Representatives	--
1(d)	Type of Inspection	MCDR/Star Rating
1(e)	Date of Inspection	18-01-2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	20.00.00 hectare area of non-forest
3	Mine code	07GUJ14023
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9298/2012
5	Name of the lessee, Address, phone, email and fax number	Shri Alimiya Imamali Saiyad FF/16, Samruddhi Complex, Near L.I.C. Office, Himmatnagar, District – Sabarkantha, Gujarat- 383001. Email-ID : dipak18.patel@yahoo.com, Mobile No : +91-9979858114
6	Village	Dedhrota
7	Taluka/Mandal	Himmatnagar
8	District	Sabarkantha
9	Pin code	383220
10	State	Gujarat
11	Post office	Dedhrota
12	Nearest Police station	Himmatnagar
13	Nearest Railway station	Himmatnagar
14	Date of Grant of Mining Lease	10/09/1985
15	Date of Execution	24/11/1986
16	Date of opening of Mine	24/11/1986
17	Date of first Renewal, if applicable and its period & expiry	NA
18	Date of second Renewal, if applicable and its period & expiry	NA
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	NA
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	NA
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sh. Yashkumar Bharatbhai Chaudhary (B.E., Mining) At & Po- Kheda, Taluka- Himmatnagar, District- Sabarkantha, Gujarat- 383001. Email-ID: yashchaudhary21500@gmail.com Mobile No: 9429746466
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55 & carrying out their duties as per rule 56 & 57.	Sh. Pratik Sukhanandi At & Po- Kheda, Taluka- Himmatnagar, District- Sabarkantha, Gujarat- 383001
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan with PMCP: Letter No. 682(23)(831)/2015-MDR(U)Udp. Dated 29.09.2016 Modification of Mining Plan with PMCP: Letter No. 684(4)(1)/MP-194/2018-MDRD(U)/GNR Dated 12.02.2019

SN	Item	Remarks
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Review of Mining Plan with PMCP: Letter No. 684(4)/MP-305/2020-21/MDRD(U)/GNR Dated 12.01.2021 Modified Mining Plan with PMCP: Letter No. 684(4)(1)/MP-423(305)/2022-23/MDRD(U)/GNR Dated 03.06.2022
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" Mechanised Open cast Mine
30	Captive/Non Captive	Non-captive

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

### Exploration

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
1a	Backlog of previous year	No proposal	Nil	As per approved Modified mining plan the exploration 19Nos of Holes proposed for year 2020. Accordingly, explorations have been completed Total 19 Nos of Bore holes were carried out and Total Meterage: 603.2 Meter
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal was there	Not applicable	-
1e	Balance reserves as on 01.04.2022	Proved Mineral Reserve (111) - 7995254 ton. Remaining Resources (211) - 2257189 ton. (221) – 2767766 ton.	Proved Mineral Reserve (111) - 7995254 ton. Remaining Resources (211) - 2257189 ton. (221) – 2767766 ton.	-
1f	General remarks of inspecting officer on geology, exploration etc.	Explored upto G1 Axis.		

### 2.0 Development

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
2a	Location of development w.r.t. lease area	N 2612396.17 E 280105.07 N 2612481.32 E 279844.27	N 2612396.17 E 280105.07 N 2612481.32 E 279844.27	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	NA	NA	-
2c	Stripping ratio or ore to OB ratio	1:00	1:1	-
2d	Quantity of topsoil generation in m3	NA	Nil	-
2e	Quantity of overburden generation in m3	NA	Nil	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Satisfactory.		

### 3.0 Exploitation

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
3a	Number of pits proposed for production	Production of planning is proposed in Pit no.-1 has been covered under the mining.	Worked in Pit no.-1. No further extension in the year 2021-22.	
3b	Quantity of ROM mineral	Proposed production during	Actual production during	Producti

SN	MCDR-MiFLOBXT/144/2022	Proposals (2021-22)	Actual work (2021-22)	Remarks																												
	production proposed	the year 2021-22 was 793227 ton.	the year 2021-22 was 75500 ton.	on is less due to quality issues.																												
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	-																												
3d	Quantity of mineral reject generation	No proposal	NA	-																												
3e	Grade of mineral reject generation and threshold value declared	No proposal	NA	-																												
3f	Quantity of sub-grade mineral generation	No proposal	NA	-																												
3g	Grade of sub-grade mineral generation	No proposal	NA	-																												
3h	Manual / Mechanised method adopted for segregating from ROM	No proposal	NA	-																												
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	NA	-																												
3j	Provision of drilling & blasting in mineral benches	No proposal	NA	-																												
3k	Provision of mining machineries in mineral benches	No proposal	NA	-																												
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Height of 3.00m for two benches	3 to 4 m height achieved in Ore.	-																												
3m	Total area covered under excavation/pits	9.8434ha	6.710 ha	-																												
3n	Ore to OB ratio for the pit/mine during the year	No proposal	NA	-																												
3o	Total area put in use under different heads at the end of year		Pit-6.710 Ha. Mineral Storage-0.310 Infrastructure -0.875 Ha.	-																												
3p	Production of ROM mineral during last five-year period, as applicable	<table border="1"> <thead> <tr> <th>Year</th> <th>Proposed production (in ton)</th> </tr> </thead> <tbody> <tr> <td>2016-17</td> <td>50062</td> </tr> <tr> <td>2017-18</td> <td>100005</td> </tr> <tr> <td>2018-19</td> <td>150007</td> </tr> <tr> <td>2019-20</td> <td>450001</td> </tr> <tr> <td>2020-21</td> <td>450008</td> </tr> <tr> <td>2021-22</td> <td>793227</td> </tr> </tbody> </table>	Year	Proposed production (in ton)	2016-17	50062	2017-18	100005	2018-19	150007	2019-20	450001	2020-21	450008	2021-22	793227	<table border="1"> <thead> <tr> <th>Year</th> <th>Actual production (in ton)</th> </tr> </thead> <tbody> <tr> <td>2016-17</td> <td>Nil</td> </tr> <tr> <td>2017-18</td> <td>100918</td> </tr> <tr> <td>2018-19</td> <td>147943</td> </tr> <tr> <td>2019-20</td> <td>249890</td> </tr> <tr> <td>2020-21</td> <td>248993</td> </tr> <tr> <td>2021-22</td> <td>75500</td> </tr> </tbody> </table>	Year	Actual production (in ton)	2016-17	Nil	2017-18	100918	2018-19	147943	2019-20	249890	2020-21	248993	2021-22	75500	-
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3q	General remarks of inspecting officer on method of mining etc.	Production is less due to quality issues. No working on inspection day.																														

#### 4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Nil	Nil	-
4b	Location of topsoil, OB & mineral reject dumps	Nil	Nil	-
4c	Number of dumps within lease area and outside lease area	Nil	Nil	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Nil	Nil	-
4e	Number of active & alive dumps	Nil	Nil	-
4f	Number of dead dumps	Nil	Nil	-
4g	Number of dumps stabilised	Nil	Nil	-

4h	Whether Retaining wall or garland drain all along dump there	Nil	Nil	-
4i	Length of Retaining wall or garland drain all along dump	Nil	Nil	-
4j	Number of settling ponds	Nil	Nil	-
4k	Specific comments of inspecting officer	No waste material observes during the inspection.		

### 5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Nil	Nil	Mineral not exhausted in any pit so far to start backfilling.
5b	Area under backfilling of mined out area	Nil	Nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	Nil	Nil	-
5d	Total area fully reclaimed & rehabilitated	Nil	Nil	
5e	General remarks of inspecting officer on backfilling, reclamation etc	NA		

### 6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2021-22)	Actual work (2021-22)	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	-
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year	No proposal 200 Nos NA NA 22000/-	Not 100% observed during the inspection.	VL issued rule 11(1) on 31.03.2023
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	No Proposal	-
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Nil	Nil	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	PMCP proposals was not that much satisfactory.		

### 7.0 Mineral Conservation

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	NA	NA	Entire ROM blended and sold in the market.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	The ROM (Bauxite) is directly sold to the Cement Plant for cement manufacturing.
7c	Different grade of mineral sorted out at mines	Al <sub>2</sub> O <sub>3</sub> >30 %	Al <sub>2</sub> O <sub>3</sub> >30 %	
7d	Any beneficiation process at mines	NA	NA	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Found Satisfactory.		

## 8.0 Environment

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	NA	NA	-
8b	Concurrent use or storage of topsoil	NA	NA	-
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	NA	NA	-
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NA	NA	-
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NA	NA	-
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	Total 200 saplings were proposed during the year 2021-22.	Not 100%	Survival rate of plantation is approx. 80%.
8g	Survival rate	100%	Approx. 80%	-
8h	Water sprinkling on roads to control airborne dust	Proposed	as per proposal by water tankers	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	Found Satisfactory.		

## 9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
9a	Status of submission of Monthly and Annual returns	M.R. Submitted up to Feb-2023 A.R. submitted up to 2021-2022	-

S.N	Item	Details Given in Annual return	Observation of I/c Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engg.: NA Geologist: NA	Sh. Yash Chaudhary Sh. Pratik Sukhanandi	Found Satisfactory.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Pit-11545 Other purpose -0.567 Ha.	Found Satisfactory.	
9d	Scrutiny of Annual return on afforestation.	50%	Not Satisfactory. VL issued.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	Found Satisfactory.	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes	Found Satisfactory.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale value: No dispatched. Ex. Mine price: 350 & production cost : 200	Found Satisfactory.	
9i	Scrutiny of Annual return on fixed assets	Yes	Found Satisfactory.	
9k	Scrutiny of Annual return on mining machineries	BACK HOE - 1 WATER TANKER-1	Found Satisfactory.	

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

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No violation pending. During inspection violation of Rule 11(1), 34A(1) read with rule 34A(5) for the rectification of the same within a period of 45 Days.

स्नेहलकुमार पटेल  
सहायक खनन अभियंता एवं  
केन्द्रीय जन सूचना अधिकारी  
भारतीय खान ब्यूरो

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