

**MCDR INSPECTION (FMCP)**

**1.0 GENERAL**

SN	Particulars	Details		
1(a)	Name of the Mine	<b>Tenpur Bauxite Mine</b>		
1(b)	Name of Inspecting Officer & Designation	Naman Ekka, SMG		
1(c)	Accompanying Mines Representatives	Shri Jayeshbhai Muljibhai Patel		
1(d)	Type of Inspection	FMCP		
1(e)	Date of Inspection	14/03/2023		
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	2.22 Ha		
3	Mine code	07GUJ14020		
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/8483/2012		
5	Name of the lessee, Address, phone, email and fax number	(Late) Shri Muljibhai Bababhai Patel, Legal Heir- Shri Jayeshbhai Muljibhai Patel,		
6	Village	Tenpur		
7	Taluka/Mandal	Bayad		
8	District	Aravalli		
9	Pin code	383325		
10	State	Gujarat		
11	Post office	Tenpur		
12	Nearest police station	Ambaliyara		
13	Nearest Railway station	Bayad		
14	Date of Grant of Mining Lease	11.04.1983		
15	Date of Execution	10.10.1983		
16	Date of opening of Mine	10.10.1983		
17	Date of first Renewal, if applicable and its period & expiry	Application date-17.09.2002 Applied on 10.10.2003 to .9.10.2033		
18	Date of second Renewal, if applicable and its period & expiry	Not applicable		
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	1 <sup>st</sup> renewal application 17.09.2002		
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Jayeshbhai Muljibhai Patel, Village- tanpur Ta- Bayad Di- Aravalli.		
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Nil		
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Nil		
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Violation issued for the appointment of Mining Engineer and Geologist issued by earlier inspecting officer		
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56&57.	N.A		
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	RMP with PMCP	03.01.2019	684(4)(1)/MP-186/2018
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	NA		
27	Mineral(s) granted in lease and proved for mining	Bauxite		
28	Method of Mining (Opencast, Underground)	Opencast		
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	Actual work	Remarks
1a	Backlog of previous year	Nil	Nil	State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	Nil	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	Nil	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves as on 01.04.2022	59,990 Tonne	60,450 Tonne	
1f	General remarks of inspecting officer on geology, exploration etc.	Pit has been developed and influence of already existing pits has also been considered for area to be fully explored.		

**2.0 Development**

SN	Item	Proposals		Actual work	Remarks	
2a	Location of development w.r.t. lease area		Northing	Easting	Work is not done on proposed area	State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.
		Fr	2568213 N	298848 E		
		To	2568230 N	298935 E		
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	3,908 cum		OB not generated		
2c	Stripping ratio or ore to OB ratio	1:0.77		Nil		
2d	Quantity of topsoil generation in m3	3,908 cum		OB not generated		
2e	Quantity of overburden generation in m3	3,908 cum		OB not generated		
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Development of pits has carried out as per proposal.				

**3.0 Exploitation**

SN	Item	Proposals	Actual work	Remarks
3a	Number of pits proposed for production	1	As Reported No work has been carried out.	State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.
3b	Quantity of ROM mineral production proposed	15,000 Tonne	As Reported No work has been carried out.	
3c	Recovery of salable/usable	90%	As Reported No work has	

	mineral from ROM production		been carried out.	
3d	Quantity of mineral reject generation	10%	Nil	
3e	Grade of mineral reject generation and threshold value declared	>30% Al <sub>2</sub> O <sub>3</sub>	Nil	
3f	Quantity of sub-grade mineral generation	Nil	Nil	
3g	Grade of sub-grade mineral generation	Nil	Nil	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised method	As Reported No work has been carried out.	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Nil	Nil	
3j	Provision of drilling & blasting in mineral benches	Nil	Nil	
3k	Provision of mining machineries in mineral benches	Nil	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Nil	Nil	
3m	Total area covered under excavation/pits	1.3607 Ha	1.2044 Ha	
3n	Ore to OB ratio for the pit/mine during the year	1:0.77	Nil	
3o	Total area put in use under different heads at the end of year	1.3607 Ha of pit	1.2044 Ha	
3p	Production of ROM mineral during last five-year period, as applicable	2015-16=10,388.4 T 2016-17=11,127.6 T 2017-18=11,154 T 2018-19=15,000 T	2015-16=10,910 T 2016-17=17,656.79 T 2017-18=12,690 T 2018-19=14,540 T	State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.
3q	General remarks of inspecting officer on method of mining etc.	Method of mining is Opencast. No Drilling and blasting is being carried out State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.		

#### **4.0 Solid Waste Management-Dumping**

SN	Item	Proposals	Actual work	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	Inside existing pit	As Reported No work has been carried out.	State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.
4b	Location of topsoil, OB & mineral reject dumps	Inside existing pit	As Reported No work has been carried out.	
4c	Number of dumps within lease area and outside lease area	1	As Reported No work has been carried out.	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	Inside existing pit	As Reported No work has been carried out.	
4e	Number of active & alive dumps	1	As Reported No work	

			has been carried out.	
4f	Number of dead dumps	Nil	As Reported No work has been carried out.	
4g	Number of dumps stabilised	1	As Reported No work has been carried out.	
4h	Whether Retaining wall or garland drain all along dumps are there	Nil	As Reported No work has been carried out.	
4i	Length of Retaining wall or garland drain all along dump	Nil	As Reported No work has been carried out.	
4j	Number of settling ponds	Nil	As Reported No work has been carried out.	
4k	Specific comments of inspecting officer	There is no solid waste generated as entire ROM is saleable. State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.		

### **5.0 Solid Waste Management-Backfilling**

SN	Item	Proposals	Actual work	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Partial	As Reported No work has been carried out.	No backfilling is proposed
5b	Area under backfilling of mined out area	Nil	As Reported No work has been carried out.	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	For plantation	As Reported No work has been carried out.	
5d	Total area fully reclaimed & rehabilitated	Nil	As Reported No work has been carried out.	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No Back filling of the Mine has been carried out. State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.		

### **6.0 Progressive Mine Closure Plan**

SN	Item	Proposals	Actual work	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.	PMCP report not submitted by the lessee. State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.		
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	191 m fencing proposed around worked out pit	No fencing found around worked out pit	State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.

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	180*60*8 651 cum	Not done							
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	0.0461 HA 46 no of plants 140m fencing around plantation	Details not available as PMCP return not submitted by lessee							
6e	Compliance of Environmental monitoring (core zone & buffer zone)	<table border="1"> <tr> <td>Ambient Air Quality</td> <td>1</td> </tr> <tr> <td>Water Quality</td> <td>1</td> </tr> <tr> <td>Noise level survey</td> <td></td> </tr> </table>	Ambient Air Quality	1	Water Quality	1	Noise level survey		Report not available	
Ambient Air Quality	1									
Water Quality	1									
Noise level survey										
6f	General remarks of inspecting officer on PMCP compliance & progressive	State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.								

### 7.0 Mineral Conservation

SN	Item	Proposals	Actual work	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Individual stack proposed inside pit.	As Reported No work has been carried out.	State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	manual	As Reported No work has been carried out.	
7c	Different grade of mineral sorted out at mines	Nil	As Reported No work has been carried out.	
7d	Any beneficiation process at mines	Nil	As Reported No work has been carried out.	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	The entire ROM is saleable with minor blending and hence no beneficiation required. State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.		

### 8.0 Environment

SN	Item	Proposals	Actual work	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	For plantation	As Reported No work has been carried out.	State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.
8b	Concurrent use or storage of topsoil	For plantation	As Reported No work has been carried out.	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	Inside pit area	As Reported No work has been carried out.	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Nil	As Reported No work has been carried out.	

8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	191 m fencing around pit	As Reported No work has been carried out.	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	plants proposed in SBZ area	As Reported No work has been carried out.	
8g	Survival rate	Nil	As Reported No work has been carried out.	
8h	Water sprinkling on roads to control airborne dust	Nil	As Reported No work has been carried out.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	The area is having beautiful aesthetic environment around lease area. State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.		

#### 9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
.	Status of submission of Monthly and Annual returns	M.R. Submitted upto---- January 2022 A.R. submitted upto---- year 2021-22	

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	-		State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Yes	Found in order	
9d	Scrutiny of Annual return on afforestation	Yes	Found in order	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Yes	Found in order	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Yes	Found in order	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Yes	Found in order	
9i	Scrutiny of Annual return on fixed assets	Yes	Found in order	
9k	Scrutiny of Annual return on mining machineries	Yes	Found in order	

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

During inspection No significant Violations were observed. State Govt. has stopped mining due to No, EC. SEIAA is not granting EC due to Mine in River BED.

Naman Ekka  
SMG

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