

MCDR INSPECTION REPORT**1.0 GENERAL**

S.N	Particulars	Details
1	Name of the Mine	Mevasa Bauxite Mine [S.No. 208/ 407]
1(a)		
1(b)	Name of Inspecting Officer & Designation	सुनील कुमार शर्मा, Senior Assistant Controller of Mines
1(c)	Accompanying Mines Representatives	Shri Vishalkumar B. Kamaliya, Mining Engineer
1(d)	Type of Inspection	MCDR & Star Rating Inspection
1(e)	Date of Inspection	17.12.2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	2.9947 HA
3	Mine Code	07GUJ07103
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/248/2011
5	Name of the lessee, Address, phone, email and fax number	M/S Saurashtra Calcine Bauxite & Allied Ind. Harsha Road / P.O-Bhatia, Ta-Kalyanpur, Dist- Devbhumi Dwarka, Ph No- 02891-2331997
6	Village	Mevasa
7	Taluka/Mandal	Kalyanpur
8	District	Devbhumi Dwarka
9	Pincode	361315
10	State	Gujarat
11	Post office	Mevasa
12	Nearest police station	Bhatia
13	Nearest Railway station	Bhatia
14	Date of Grant of Mining Lease	14.11.1985
15	Date of Execution	12.05.1986
16	Date of opening of Mine	01.09.1992
17	Date of first Renewal, if applicable and its period & expiry	21.05.2005 Period: Date of Expiry:11.05.2036
18	Date of second Renewal, if applicable and its period & expiry	-
19	Date of submission of renewal application if Mining Operations are continuing under deemed extension	-
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Shri Dwarkadas Raichura Harshad Road /P.O-Bhatia,Ta-Kalyanpur,District: Devbhumidwarka,Ph No- 02891-233199 Email – scabal@gmail.com Date of Appointment: 09/09/2015
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	Shri Gulabbhai Pabari Harshad Road /P.O-Bhatia,Ta-Kalyanpur,Dist- Devbhumidwarka,Ph No- 02891-233199 Email – scabal@gmail.com Date of Appointment: 09/09/2015
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	-
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Shri Vishalkumar B. Kamaliya, BE(Mining), 5 years Experience Harshad Road / P.O-Bhatia,Ta-Kalyanpur,Dist- Devbhumidwarka,Ph No- 02891-233199 Email – scabal@gmail.com Date of Appointment: 04/10/2022

24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	Yes, Geologist: Biren Chauhan HARSHAD ROAD / P.O-
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Date of approval of Review of Mining Plan: 08.08.2022; Review of Mining Plan approval Letter No. 684(4)(1)/MP-427(410)/2022-23 Plan Period: 2022-23 to 2026-27
26	Date of Approval of Scheme of Mining/ Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	-
27	Mineral(s)	Bauxite
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	Other
30	Captive/Non Captive	Captive

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

Exploration

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
1a	Backlog of previous year	No Backlog	Nil	-
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	Nil	-
1e	Balance reserves as on 01.04.2024.	UNFC Code	Reserves/ Resources	-
		111	135,366 tonnes	
		221	23,276 tonnes	
		Total	151,242 tonnes	
1f	General remarks of inspecting officer on geology, exploration etc.	Entire lease area has already been explored in G1 category. Entire lease area is mineralised zone.		

2.0 Development

SN	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
2a	Location of development w.r.t. lease area	2458376.44 N to 2458328.95 N 534489.83 E to 534572.48 E	2458389.6 N to 2458369.2 N 534508.2 E to 534529.4 E	-
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No proposal of topsoil and overburden, one bench in mineral	1 bench in mineral No bench of topsoil and overburden	-
2c	Stripping ratio or ore to OB ratio	1:0	1:0	-
2d	Quantity of topsoil generation in m ³	No proposal	Nil	-
2e	Quantity of overburden generation in m ³	No proposal	Nil	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	There is only one active pit in the mine as per proposal. There is one bench in the mineral of 5m bench height.		

3.0 Exploitation

S N	Item	Proposals(2023-24)	Actual work(2023-24)	Remarks
3a	Number of pits proposed for production	one pit	one pit	-
3b	Quantity of ROM mineral production proposed	11340 tonnes	7400 tonnes	-
3c	Recovery of saleable/usable mineral from ROM production	100%	100%	-
3d	Quantity of mineral reject generation	No Proposal	Nil	-
3e	Grade of mineral reject generation and threshold value declared	No Proposal	Nil	-
3f	Quantity of sub-grade mineral generation	No Proposal	Nil	-
3g	Grade of sub-grade mineral generation	No Proposal	Nil	-
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	Nil	-
3j	Provision of drilling & blasting in mineral benches	No Proposal	Nil	-
3k	Provision of mining machineries in mineral benches	Back Hoe: 1 Tipper: 1	Back Hoe: 1 Tipper: 1	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/ SOM	Bench Height: 5 m	Yes, Bench Height: 5 m	-
3m	Total area covered under excavation/pits	2.6207 Ha.	2.62 Ha.	-
3n	Ore to OB ratio for the pit/mine during the year	1:0	1:0	-
3o	Total area put in use under different heads at the end of year	Area under mining: 2.62 Ha. Utility services: 0.3 Ha. Area put to use: 2.92 Ha.	Area under working: 2.62 Ha. Others: 0.12 Ha. Area put to use: 2.74 Ha	-
3p	Production of ROM mineral during last five-year period, as applicable	2019-20: 18934 tonne 2020- 21: 18934tonne 2021- 22: 19000tonne 2022- 23:11340tonne 2023-24: 11340tonne	2019-20: Nil 2020- 21:Nil 2021- 22:350tonne 2022- 23: 6485tonne 2023-24: 7400tonne	-
3q	General remarks of inspecting officer on method of mining etc.	Open pit mining method is being utilised for production. The production during the year 2023-24 is 7400 tonnes against proposal of 11340 tonnes due to less market demand of the mineral.		

4.0 Solid Waste Management-Dumping

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	No Proposal	Nil	-
4b	Location of topsoil, OB & mineral reject dumps	No Proposal	Nil	-
4c	Number of dumps within lease area and outside lease area	No Proposal	Nil	-
4d	Location of dumps w.r.t. ultimate	No Proposal	Nil	-

	pit limit (Rule 16)			
4e	Number of active & alive dumps	No Proposal	Nil	-
4f	Number of dead dumps	No Proposal	Nil	-
4g	Number of dumps stabilised	No Proposal	Nil	-
4h	Whether Retaining wall or garland drain all along dumps are there	No Proposal	Nil	-
4i	Length of Retaining wall or garland drain all along dump	No Proposal	Nil	-
4j	Number of settling ponds	No Proposal	Nil	-
4k	Specific comments of inspecting officer	There was no proposal of dump of waste and mineral reject. During the inspection, no dump of waste and mineral reject was found.		

5.0 Solid Waste Management-Backfilling

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No Proposal	Nil	-
5b	Area under backfilling of mined out area	No Proposal	Nil	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	No Proposal	Nil	-
5d	Total area fully reclaimed & rehabilitated	No Proposal	Nil	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	There is no proposal of backfilling in the mine area.		

6.0 Progressive Mine Closure Plan

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2)	Yes	Submitted along with Annual Return 2023-24	-
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 (Fencing) vi) Cost incurred on watch & care during the year	- 0.05 ha 0.05 ha 50 No. 100 No. 150 m 5000/-	- 0.1ha 0.05ha 10 No. 80 No. Nil -	Violation observed under Rule 11(1), Plantation & fencing has not been carried out as per proposal.
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	- -	- -	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Monitoring of Ambient Air quality, Water quality and Noise quality	Monitoring has been carried out	-
6f	General remarks of inspecting officer on PMCP compliance & progressive	During the inspection, violation has been observed under Rule 11(1), Plantation & fencing has not been carried out as per proposal. There was proposal of 50 sapling and 150m fencing during the year 2023-24 but only 10 saplings and nil fencing work has been carried out.		

7.0 Mineral Conservation

Mineral Conservation				
S N	Item	Proposals(2023-24)	Actual (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting within lease area	Cement Grade: 5170 tonne Refractory Grade: 2230 tonne	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sorted out at mines	Refractory grade	Cement grade and Refractory grade	
7d	Any beneficiation process at mines	No Proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues .	Manual sorting of the mineral is being carried out in the mine. The hand sorted ore is transported from the mines to respective plants.		

8.0 Environment

S N	Item	Proposals(2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	No Proposal	Nil	
8b	Concurrent use or storage of topsoil	No Proposal	Nil	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	No Proposal	Nil	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No Proposal	Nil	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No Proposal	Nil	
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	50 saplings	10 Saplings	Violation observed under Rule 11(1)
8g	Survival rate	60%	50% approximate	
8h	Water sprinkling on roads to control airborne dust	It is proposed to sprinkling water on haul road.	Water sprinkling on haul road regularly.	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	During the inspection, violation has been observed under Rule 11(1), Plantation & fencing has not been carried out as per proposal. There was proposal of 50 sapling and 150m fencing during the year 2023-24 but only 10 saplings		

	and nil fencing work has been carried out.
--	--

9.0 Compliance of Rule 45

S. N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	Monthly Return of December 2024- submitted on 06.01.2025 Annual Return 2023-24 submitted on 21.06.2024	-
S. N.	Item	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer: Vishal Kamaliya Geologist: Biren Chauhan	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under working: 2.62 Ha. Others: 0.12 Ha.	-
9d	Scrutiny of Annual return on afforestation	No. of plantation 50 No. Survival Rate: 60%	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM Stock: 7400 tonne Cement Grade: 20107.35 tonne Refractory Grade: 113.230 tonne	Violation observed under Rule 45(5)(c)
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-mine price of cement grade bauxite: Rs 719.96/-Ex-mine price of Refractory Grade: Rs 625/-	-
9i	Scrutiny of Annual return on fixed assets	Nil	-
9k	Scrutiny of Annual return on mining machineries	Backhoe- 01 No. Tipper – 02 No.	-

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

- (1) Drone survey data has been analysed and found as per SOP.
- (2) No compliance is pending for earlier violations
- (3) During the inspection, following violations have been observed.

नियम सं.	उल्लंघन के प्रकार का विस्तृत ब्यौरा
11(1)	The following work is not being done as per the Approved Review of Mining plan No MCDR-684(4)(1)/MP-427(410)/2022-23 dated 08.08.2022:- (i) According to Table No. 6.2.3.2 of the approved mining plan, it was proposed to plant 50 No. plants during the year 2023-24 but at the time of inspection it was found that 10 plants had been survived. (ii) According to point number 6.2.2.2 of the approved mining plan, the proposed fencing length is 150 m during the year 2023-24, but at the time of inspection it was found that the proposed fencing work had not been carried out.
45(5)(c) read with 45(7)	The following deficiencies have been found in the scrutiny of the annual return submitted by you for 2023-24 – (i) In point no. 2 and 3 of Part-VI, the stock was reported at both ROM stock and grade-wise stocks (cement grade & Refractory grade), but during inspection, only grade-wise stocks were found.

दिनांक : /02/2025

(सुनील कुमार शर्मा)
Senior Assistant Controller of Mines

