

MCDR INSPECTION REPORT**1.0 GENERAL**

SN	Particulars	Details
1 (a)	Name of the Mine	Mevasa Bauxite Mine 330 P 437 NEW
1(b)	Name of Inspecting Officer	Sunil Kumar Sharma, Sr. ACOM
1 (c)	Accompanying Mines Representatives	Sh. C. M. Dwivedi (QP)
1(d)	Type of Inspection	Review of Mining Plan
1(e)	Date of Inspection	16.10.2024
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total ML area – 4.9 Ha. (Non Forest land)
3	Mine-code	07GUJ07147
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9907/2012
5	Name of the lessee, Address, phone, email and fax number	M/s Shivhari Minerals C/o Hansrajbhai Kesurbhai Kandoria, Shop No.1, Hotel Bansi Building, Gurudwara Circle, Indira Road, Jamnagar, Gujarat-361008 Mo.: +91- 9426733300 Email: kandoriya.h1965@gmail.com
6	Village	Mewasa
7	Taluka/Mandal	Kalyanpur
8	District	Devbhumi Dwarka
9	Pin code	361008
10	State	Gujarat
11	Post office	Kalyanpur
12	Nearest police station	Kalyanpur
13	Nearest Railway station	Bhoplka Railway Station (16.70 Km)
14	Date of Grant of Mining Lease	02/02/2005
15	Date of Execution	01/03/2005
16	Date of opening of Mine	01/03/2005
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	M/s Shivhari Minerals C/o Hansrajbhai Kesurbhai Kandoria Shop No. 1, Hotel Bansi Building, Gurudwara Circle, Indira Road, District- Jamnagar, Gujarat-361008 Mo.: +91- 9426733300 Email: kandoriya.h1965@gmail.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA, As reported, mines is not in operation due to Environment Clearance has not been granted.
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	NA, As reported, mines is not in operation due to Environment Clearance has not been granted.

23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	NA, As reported, mines is not in operation due to Environment Clearance has not been granted.
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	NA, As reported, mines is not in operation due to Environment Clearance has not been granted.
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan was approved vide letter No-682(23) (352)/2004-UDP Dated-13-01-2005 Period: 13/01/2005 to 31/03/2010
26	Date of Approval of Scheme/ Review of Mining/Modified Scheme/ Review of Mining with five-year period and specific condition in approval letter, if any.	Date of approval of Scheme of Mining: 07/02/2013 (Period: 07/02/ 2013 to 31/03/2017) Date of approval of Review of Mining Plan: 24/10/2019 (Period: 24/10/2019 to 31/03/2022) Date of approval of Review of Mining Plan: 27/09/2023 (Period: 01/04/2023 to 31/03/2025)
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)	Category A
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 of 2023-24	09 Bore Hole, 58 m drilling carried out during the year 2021-22	-
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	No exploration during the year	-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	No exploration during the year	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	No exploration during the year	-
1e	Balance reserves as on 31.03.2024 (in Mio. Metric Tonne)	UNFC code	Reserves/ Resources	-
		111	238,814 tonnes	
		221	602233 tonnes	
		Total	841,047 tonnes	
1f	General remarks of inspecting officer on geology, exploration etc.	No exploration was carried out during the year 2023-24. However, entire lease area explored in G-1 category.		

2.0 Development

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Pit 1, Pit 2 & Pit 3	Environment Clearance has not been granted	-
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No separate bench for topsoil and OB	NA	
2c	Stripping ratio or ore to OB ratio	Nil; No OB proposed	Nil	
2d	Quantity of topsoil generation in m ³	889 m ³	Nil	
2e	Quantity of overburden generation in m ³	Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Nil production & dispatch reported since October 2023. Therefore, Violation observed under Rule 28 for temporary discontinuance of mine.		

3.0 Exploitation

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	Three pits (Pit-1, Pit-2 & Pit-3)		5 tonne production and dispatch was reported in the month of September, 2023.
3b	Quantity of ROM mineral production proposed	92871 tonnes	5 tonnes	
3c	Recovery of saleable/usable mineral from ROM production	92871 tonnes	5 tonnes	
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	No Proposal	Nil	
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	Hydraulic excavator with Rock breaker attachment- 2 No	Back hoe- 01 No. (1.2 m ³ capacity)	

		Dumper – 4 No		
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	3 m bench height proposed.		-
3m	Total area covered under excavation/pits	1.44 Ha.		-
3n	Ore to OB ratio for the pit/mine during the year	Nil (No OB)		-
3o	Total area put in use under different heads at the end of year	Under mining: 1.44 Other activity : 1.41		-
3p	Production of ROM mineral during last five-year period, as applicable	2019-20: 72160 tonnes 2020-21: 72988 tonnes 2021-22: 72174 tonnes 2022-23: No mining plan 2023-24: 92871 tonnes	2019-20: 0 t 2020-21: 0 t 2021-22: 50 t 2022-23: 0 t 2023-24: 5 t	Nil production & dispatch reported since October 2023.
3q	General remarks of inspecting officer on method of mining etc.	5 tonne production and dispatch was reported in the month of September, 2023. Nil production & dispatch reported since October 2023. Therefore, Violation observed under Rule 28 for temporary discontinuance of mine.		

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 32, 33)	No proposal	NA	-
4b	Location of topsoil, OB & mineral reject dumps	No proposal	NA	-
4c	Number of dumps within lease area and outside lease area	No proposal	NA	-
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	NA	-
4e	Number of active & alive dumps	No proposal	NA	-
4f	Number of dead dumps	No proposal	NA	-
4g	Number of dumps stabilised	No proposal	NA	-
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	NA	-
4i	Length of Retaining wall or garland drain all along dump	No proposal	NA	-
4j	Number of settling ponds	No proposal	NA	-
4k	Specific comments of	During inspection, it was found that there is no OB &		

inspecting officer	mineral reject dump in the mine.
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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 mined out pit	NA	-
5b	Area under backfilling of mined out area	No proposal	NA	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	NA	-
5d	Total area fully reclaimed & rehabilitated	No proposal	NA	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	There was no proposal of backfilling in the approved mining plan. During inspection, it was found that no mined out pit is available for backfilling and water reservoir.		

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 23E (2). Details should be given in the format as given in Annexure-20.	Yes	Submitted	
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	No Proposal	No mined out bench	
6c	Afforestation done (ha)	0.13 Ha.	0.13 Ha.	
6d	No. of saplings planted during the year	90 No.	90 No.	
6e	Cumulative no. of plants	1715 No.	1715 No.	
6f	Any other specific method of rehabilitation	No proposal	NA	
6g	Cost incurred on watch & care during the year	₹ 45000/-	₹ 45000/-	
6h	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	No proposal No proposal No proposal	No mined out pit is available for backfilling and water reservoir.	
6i	iv) Rehabilitation by making water reservoir	No proposal		

6j	v) Any other specific means	No proposal	NA	
6k	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No proposal	No waste land within the lease.	
6l	Compliance of Environmental monitoring (core zone & buffer zone)	No proposal		
6m	General remarks of inspecting officer on PMCP compliance & progressive	During inspection, it was found that no mined out pit is available for backfilling and water reservoir.		

7.0 Mineral Conservation

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	92871 tonnes	5 tonne	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposal	NA	-
7c	Different grade of mineral sorted out at mines	No Proposal	NA	-
7d	Any beneficiation process at mines	No Proposal	NA	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	As reported, only 5 tonne bauxite has been dispatched during the year 2023-24.		

8.0 Environment

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	899 m ³	Nil	
8b	Concurrent use or storage of topsoil	No Proposal	10 m ³	Plantation
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	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 41)	1715 No.	1715 No.	
8g	Survival rate	90%	80%	
8h	Water sprinkling on roads to control airborne dust	Water sprinkling by Water tanker is proposed.	No work has been carried out	
8i	General remarks of inspecting officer	90 No. plantations have been carried out		

on aesthetic beauty in and around mines are	during the year 2023-24.
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9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
9a.	Status of submission of Online Monthly and Annual returns	Monthly Return October,2024 : submitted on 09/11/2024 Annual Return 2023-24 : Submitted on 29/06/2024	-
S.N	Item	Observation of I/Officer /Actual reported in Returns	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	NA	Violation observed under Rule 55 for appointment of Mining Engineer & Geologist
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Workings: 1.44 Ha. Mineral Storage: 0.85 Ha. Infrastructure: 0.1 Ha. PMCP (plantation): 0.1 Ha.	-
9d	Scrutiny of Annual return on afforestation	Trees Planted during the year: 90No. Survival Rate: 80% Trees at the end of the year : 1715 No.	-
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	Nil	-
9f	Scrutiny of Annual return on ROM stock and/or graded ore	Grade wise stock available: Cement: 292936.53 tonnes Abrasive: 3108.18 tonnes Refractory: 441.45 tonnes	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex. Mine Price- ₹ 67.17 per tonne (only 5 tonne cement grade bauxite dispatched)	Violation observed under Rule 45(5)(c) that as ex-mine price is given in Annual Return 2023-24, the details of cost of production and dispatch have not been given.
9i	Scrutiny of Annual return on fixed assets	Land: ₹300000/-	-
9k	Scrutiny of Annual return on mining machineries	Back Hoe- 1.2 m ³ bucket capacity	-

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

1. During the year 2023-24, violation letter issued under 11(1) for the year 2022-23 on inspection basis, dated 07/11/2023 and compliance has been done and accepted on 10/06/2024.
2. Drone survey has been analysed and no permanent GCP was found, therefore violation observed under Rule 34A.
3. Violation under the rule 28, 34A, 45(5)(c) and 55 has been observed and is being issued to the lessee as follows:

नियम सं.	उल्लंघन के प्रकार का विस्तृत ब्यौरा										
28(1)	According to this rule, the holder of a mining lease shall send to the authorized officer, as the case may be, and the State Government a notice in Form E when the mining or mineral processing operations in the mine or part thereof are discontinued for a period exceeding ninety days so as to reach them within one hundred and twenty days from the date of such temporary discontinuance. In your case, mining operations have been discontinued since long time but such notice in Form-E has not been sent till date.										
34(A)	<p>Every lessee having-</p> <p>(a) an annual excavation plan of one million tonne or more in a particular year;</p> <p style="text-align: center;">or</p> <p>(b) leased area of fifty hectare or more,</p> <p>shall carry out a drone survey of the leased area and up to hundred meters outside the lease boundary in the month of April or May every year and submit the processed output [digital elevation model (DEM) and Orthomosaic] images obtained from such survey or any other format as may be specified by the Indian Bureau of Mines in this regard to the Controller General on or before 1st day of July every year.</p> <p>In your case, the Digital Aerial Images submitted under Rule 34(A), it is observed that the processed Drone survey output data submitted to Indian Bureau of Mines does not meet the parameters specified in the SOP for submission of Digital Aerial Images under the said Rule. The deviations in the data submitted is as follows:-</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Data type</th> <th>Check Point parameters as per SOP</th> <th>Submitted in proper format (Yes/No)</th> <th>Remarks</th> </tr> </thead> <tbody> <tr> <td>1.</td> <td>Exacavated Area, Mineral storage Area</td> <td>.shp (UTM in WGS 84)</td> <td>No</td> <td>No separate .shp file was provided.</td> </tr> </tbody> </table> <p>2. No permanent GCP was found at site.</p>	S. No.	Data type	Check Point parameters as per SOP	Submitted in proper format (Yes/No)	Remarks	1.	Exacavated Area, Mineral storage Area	.shp (UTM in WGS 84)	No	No separate .shp file was provided.
S. No.	Data type	Check Point parameters as per SOP	Submitted in proper format (Yes/No)	Remarks							
1.	Exacavated Area, Mineral storage Area	.shp (UTM in WGS 84)	No	No separate .shp file was provided.							

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. 3(ii) of Part-VI of Annual Return 2023-24, it was found that Ex-mine price and Despatches from mine-head is given but in point No. 5 of Part VI, details of sale/ dispatch and part VII, the cost of production is not given.
55	For the purpose of carrying out reconnaissance, prospecting or mining operations in accordance with these rules,— 3. every holder of a mining lease shall employ, in case of— (ii) category ‘A’ mines having lease area below twenty-five hectares and category ‘B’ mines, a part-time mining engineer and a part-time geologist: In your case, part-time mining engineer and a part-time geologist are not appointed.

Sunil Kumar Sharma
Sr. Assistant Controller of Mines
