

MCDR INSPECTION REPORT

1.0 **GENERAL**

S. No	Particulars	Details
1	Name of the Mine	LAMBA BAUXITE MINE S.NO. 415/1
1(a)		
1(b)	Name of Inspecting Officer & Designation	मोहम्मद निमर, उप खान नियंत्रक
1(c)	Accompanying Mines Representatives	Govind Bhai
1(d)	Type of Inspection	Star Rating/ MCDR
1(e)	Date of Inspection	12.12.2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	5.4935 Ha
3	Mine Code	07GUJ07104
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	LAMBA
7	Taluka/Mandal	KALYANPUR
8	District	DEVBHUMI DWARKA
9	Pincode	361315
10	State	GUJARAT
11	Post office	LAMBA
12	Nearest police station	BHATIA
13	Nearest Railway station	BHATIA
14	Date of Grant of Mining Lease	22.01.1981
15	Date of Execution	20.06.1981
16	Date of opening of Mine	16.04.1989
17	Date of first Renewal, if applicable and its period & expiry	19.06.2021
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	Valid up to 19.06.2031
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,Dist-Devbhumi dwarka,Ph No- 02891-233199 Email – Scabalindia@gmail.com
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-Devbhumi dwarka,Ph No- 02891-233199 Email – Scabalbhatiya@gmail.com
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Sri Vishalkumar Kamaliya, Be Mining, Harshad Road / P.O-Bhatia,Ta-Kalyanpur,Dist-Devbhumi dwarka,Ph No- 02891-233199 Email – Scabalbhatiya@gmail.com
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sri Vishalkumar Kamaliya, Be Mining, Harshad Road / P.O-Bhatia,Ta-Kalyanpur,Dist-Devbhumi dwarka,Ph No- 02891-233199 Email – Scabalbhatiya@gmail.com

24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	Sri Biren Chauhan Harshad Road / P.O-Bhatia, Ta-Kalyanpur, Dist-Devbhumiwarka, Ph No- 02891-233199 Email – scabalbhatiya@gmail.com
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	-
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	MCDR-MPCP0CaFl/48/2022-GNRIBM_RO_GNR MP-485 dated 25.09.2023
27	Mineral(s) gLAMBAted in lease and proved for mining	Bauxite
28	Method of Mining(Open cast, Underground)	OPENCAST
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	Nil	Nil	
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	G1- 5.4935 Ha, (Total lease area).	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	N/A	Nil	
1d	Balance area to be explored to bring Geological axis in 1 or 2	Nil	Nil	
1e	Balance reserves as on 01.04.2024.	321878 Ton	328,897. Ton	
1f	General remarks of inspecting officer on geology, exploration etc.	Total lease area of 5.4935 Ha explored in G1 level. Reserves are not depleted due to no production in the year 2023-24		

2.0 Development

SN	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Pit-1 33mRL to 38mRL South	Nil	
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	No OB, 1 bench in Mineral	No work carried out	
2c	Stripping ratio or ore to OB ratio	Not Proposed	Not Applicable	
2d	Quantity of topsoil generation in m ³	Not Proposed	Not Applicable	
2e	Quantity of overburden generation in m ³	Not Proposed	Not Applicable	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	No development work carried due to no market demand as per Form- E submitted by lessee		

3.0 Exploitation

S	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
N				

3a	Number of pits proposed for production	Pit-1, North	Nil, However dimension of existing Pits are 250 x 50 x 4 and 80 x 30 x 3.0	
3b	Quantity of ROM mineral production proposed	7018.20	Nil	
3c	Recovery of saleable/usable mineral from ROM production	7018.20	Nil	
3d	Quantity of mineral reject generation	Not Proposed	Not Applicable	
3e	Grade of mineral reject generation and threshold value declared	Not Proposed	Not Applicable	
3f	Quantity of sub-grade mineral generation	Not Proposed	Not Applicable	
3g	Grade of sub-grade mineral generation	Not Proposed	Not Applicable	
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	Not Proposed	Not Applicable	
3j	Provision of drilling & blasting in mineral benches	Not Proposed	Not Applicable	
3k	Provision of mining machineries in mineral benches	Yes, Hydraulic Excavator, Dumper, Water Tanker	Nil	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	In Mineral 3-4 meter	
3m	Total area covered under excavation/pits	1.95	1.78	
3n	Ore to OB ratio for the pit/mine during the year	-	-	
3o	Total area put in use under different heads at the end of year	3.33	1.195	
3p	Production of ROM mineral during last five-year period, as applicable	Yr 2020- 21 44798 MT Yr 2021- 22 - Yr 2022- 23 - Yr 2023-24 7018.20 MT	Yr 2020- 21 1431 MT Yr 2021- 22 Nil Yr 2022- 23 140 MT Yr 2023-24 Nil	
3q	General remarks of inspecting officer on method of mining etc.	No production made due to no market demand as per Form- E submitted by lessee. Mine is under temporary discontinuance from 15-03-2023. Notice in prescribed form submitted.		

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)	Not Proposed	Not Applicable	
4b	Location of topsoil, OB & mineral reject dumps	Not Proposed	Not Applicable	
4c	Number of dumps within lease area and outside lease area	Not Proposed	Not Applicable	
4d	Location of dumps w.r.t. ultimate	Not Proposed	Not Applicable	

	pit limit (Rule 16)			
4e	Number of active & alive dumps	Not Proposed	Not Applicable	
4f	Number of dead dumps	Not Proposed	Not Applicable	
4g	Number of dumps stabilised	Not Proposed	Not Applicable	
4h	Whether Retaining wall or garland drain all along dumps are there	Not Proposed	Not Applicable	
4i	Length of Retaining wall or garland drain all along dump	Not Proposed	Not Applicable	
4j	Number of settling ponds	Not Proposed	Not Applicable	
4k	Specific comments of inspecting officer	No work carried out as no work proposed.		

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	Not Proposed	Not Applicable	
5b	Area under backfilling of mined out area	Not Proposed	Not Applicable	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	Not Proposed	Not Applicable	
5d	Total area fully reclaimed & rehabilitated	Not Proposed	Not Applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No work towards waste management carried out. Mine is under temporary discontinuance from 15-03-2023. Notice in prescribed form submitted.		

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 on 20-06-2024	
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	- 0.09 20 80 - 5000	- 0.09 20 80 - 5000	
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 - Nil -	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation	Not Proposed	Not Applicable	

	ii) Area rehabilitated (ha) iii) Method of rehabilitation			
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Ambient Air Quality Water Quality Noise Quality	Maintain Core Zone And Buffer Zone	
6f	General remarks of inspecting officer on PMCP compliance & progressive	PMCP work carried out as proposed.		

7.0 Mineral Conservation

S N	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	7018.20	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	MANUAL	MANUAL	
7c	Different grade of mineral sorted out at mines	Not Proposed	Not Applicable	
7d	Any beneficiation process at mines	Not Proposed	Not Applicable	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	NO production development work carried out during the year. No Mineral Conservation issue found.		

8.0 Environment

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	Not Proposed	Not Applicable	
8b	Concurrent use or storage of topsoil	Not Proposed	Not Applicable	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	Not Proposed	Not Applicable	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	Not Applicable	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	Not Applicable	
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	20 SAMPLING 0.09 Ha	20 SAMPLING 0.09 Ha	
8g	Survival rate	75	75%	
8h	Water sprinkling on roads to control airborne dust	WATER TANKER	Nil	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	NO production development work carried out during the year. No Environmental issue found.		

9.0 Compliance of Rule 45

S. N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	Monthly and Annual Returns submitted within stipulate time.	

S.	Item	Details GIVEN in	Observation of	Remarks
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N.		A.R.	I/Officer	
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Yes	ME-Sri Vishal kumar Kamaliya, BE Mining, Geo- Biren Chauhan	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Already exploited and abandoned by opencast (O-C) mining 1.780, Occupied by plant, buildings, residential, welfare buildings and roads 0.031, Used for any other purpose 0.139		
9d	Scrutiny of Annual return on afforestation	20 saplings with 0.09 Ha		
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-Nil, Cement Grade - 53369.815, Refractory -14.58 T		
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil		
9i	Scrutiny of Annual return on fixed assets	Nil		
9k	Scrutiny of Annual return on mining machineries	Nil		

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

1. Previous year Violation cum Show cause notice for issued for rules 11(1) and 45 (5)© on 19-03-2024 and has been complied on 18-06-2024
2. No significant Violation pointed out during this year.
3. Star Rating Evaluation of the mine has been done and awarded as 3 Star rating as self-assessed by lessee. .
4. Drone data submitted for the year 2023-24 has been examined and found that it is not as per SOP. Hence referred back in DDMS Portal
5. Mine is under temporary discontinuance from 15-03-2023 because of no market demand. Notice in prescribed form submitted.

दिनांक :

(मोहम्मद निमर)
उप खान नियंत्रक