

MCDR INSPECTION REPORT

1.0 **GENERAL**

S. No	Particulars	Details
1	Name of the Mine	RAN BAUXITE MINE S.NO. 403
1(a)	Name of the Mine	RAN BAUXITE MINE S.NO. 403
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	11.12.2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	5.27 HA
3	Mine Code	07GUJ07054
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	RAN
7	Taluka/Mandal	KALYANPUR
8	District	DEVBHUMI DWARKA
9	Pincode	361315
10	State	GUJARAT
11	Post office	RAN
12	Nearest police station	BHATIA
13	Nearest Railway station	BHATIA
14	Date of Grant of Mining Lease	05.12.1978
15	Date of Execution	20.04.1979
16	Date of opening of Mine	01-08-1979
17	Date of first Renewal, if applicable and its period & expiry	01.12.1997
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	Valid up to 31.03.2030
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-DEVBHUMIDWARKA,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-DEVBHUMIDWARKA,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	
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-DEVBHUMIDWARKA,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-DEVBHUMIDWARKA,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/7/2022-GNR-IBM_RO_GNR dated 23.03.2023
27	Mineral(s) granted in lease and proved for mining	CATEGORY-111) 287461 MT
28	Method of Mining(Opencast, 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	-		
1b	Exploration over lease area for Geological axis 1 or 2.	Nil	G1-3.44 Ha G2-1.83 Ha	
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.	250585 Tons	287461.00 Tons	
1f	General remarks of inspecting officer on geology, exploration etc.	Reserves are not depleted due to no production in the year 2023-24. Total lease area is not explored in G1 level. Violation under Rule 12(4) is being issued.		

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	Nil	Nil	
2d	Quantity of topsoil generation in	2412	Nil	

	m3			
2e	Quantity of overburden generation in m3	-Nil	Nil	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	No development, Production and dispatch activities carried out due to No market demand as per the FORM-“E” submitted by lessee. Mine is under temporary discontinuance from 15-03-2023		

3.0 Exploitation

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	Pit-1, South	Nil, However dimension of existing Pits are 140x152x4 82 x 59 x 5	
3b	Quantity of ROM mineral production proposed	36876.72	Nil	
3c	Recovery of saleable/usable mineral from ROM production	36876.72	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	Excavator, Dumper, water tanker	No work done	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	6 meters in mineral benches	Height of mineral benches 4-5 meter	
3m	Total area covered under excavation/pits	2.55 Ha.	Nil (2.34Ha)	
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	2.84	2.63	
3p	Production of ROM mineral during last five-year period, as applicable	Yr 2020- 21 59995 Yr 2021- 22 30083 Yr 2022- 23 30038 Yr 2023-24 38956.08 Yr 2024-25 36876.75 up to No.24	Yr 2020- 21 Nil Yr 2021- 22 130MT Yr 2022- 23 1300 MT Yr 2023-24 Nil Yr 2024-25 Nil up to No.24	
3q	General remarks of inspecting officer on method of mining etc.	During inspection no development, Production and dispatch activities carried out due to no market demand		

	as per the FORM- "E" submitted by lessee. Mine is under temporary discontinuance from 15-03-2023
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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)	Topsoil -1573.00 OB, Mineral Reject	Nil	
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 pit limit (Rule 16)	Not proposed	Not Applicable	
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 done for solid waste dumping management,		

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)	2412	Nil	
5d	Total area fully reclaimed & rehabilitated	Not proposed	Not Applicable	
5e	General remarks of inspecting officer on backfilling, reclamation etc	No work done towards backfilling		

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 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	- 0.261 291 180 - 58111/-	- 0.261 291 180 - 50000/-	

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 - 2670 M ² -	- 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)	Ambient Air Quality Quality Quality	Water Noise Zone	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	36876.72 Ton	Nil	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	MANUAL	Nil	
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 development, Production and dispatch activities carried out due to no market demand as per the FORM-“E” submitted by lessee. Mine is under temporary discontinuance from 15-03-2023. 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)	2412	Nil	
8b	Concurrent use or storage of topsoil	2412	Nil	
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)	291 SAMPLING 0.261 Ha	291 SAMPLING 0.261 Ha	

8g	Survival rate	70	70	
8h	Water sprinkling on roads to control airborne dust	Through Water Tanker	No work done	
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. 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	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 2.035, Occupied by plant, buildings, residential, welfare buildings and roads 0.190, Used for any other purpose 0.050		
9d	Scrutiny of Annual return on afforestation	291 SAMPLING 0.261 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 - 76800.565T, Refractory -187.910 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 No Violation pointed out.
2. This year Violation under Rule 12(4) for not exploring total lease area in G1 is being issued.
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