

**MCDR INSPECTION REPORT****1.0 GENERAL**

S.N .	Particulars	Details
1 (a)	Name of the Mine	Kenedy Bauxite Mine, S.No. 506
1(b)	Name of Inspecting Officer & Designation	सुनील कुमार शर्मा, Senior Assistant Controller of Mines
1(c)	Accompanying Mines Representatives	Shri Vishal kumar B. Kamaliya, Mining Engineer
1(d)	Type of Inspection	MCDR & Star Rating Inspection
1(e)	Date of Inspection	18.12.2024
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	1.2362 Ha.
3	Mine Code	07GUJ07144
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	Kenedy
7	Taluka/Mandal	Kalyanpur
8	District	Devbhumi Dwarka
9	Pincode	361315
10	State	Gujarat
11	Post office	Kenedy
12	Nearest police station	Bhatia
13	Nearest Railway station	Bhatia
14	Date of Grant of Mining Lease	29.11.1982
15	Date of Execution	21.05.1983
16	Date of opening of Mine	16.11.2003
17	Date of first Renewal, if applicable and its period & expiry	30.10.2002 & 20.05.2033
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,Dist-Devbhumidwarka,PH NO- 02891-233199 Email – <a href="mailto:scabalindia@gmail.com">scabalindia@gmail.com</a>
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 – <a href="mailto:scabalbhatiya@gmail.com">scabalbhatiya@gmail.com</a>
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, B.E. (Mining), Harshad Road / P.O-Bhatia,Ta-Kalyanpur,Dist-Devbhumidwarka,Ph No- 02891-233199 Email – <a href="mailto:scabalbhatiya@gmail.com">scabalbhatiya@gmail.com</a>
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.	Biren Chauhan, Harshad Road / P.O-Bhatia,Ta-Kalyanpur,Dist-Devbhumidwarka,Ph NO- 02891-233199 Email – <a href="mailto:scabalbhatiya@gmail.com">scabalbhatiya@gmail.com</a>

25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Review of Mining Plan : MCDR-MPCP0CaF1/1/2022-GNR-IBM_RO_GNR, Dated: 15/02/2023 Period: 2023-24 to 2027-28
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		NA	-
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	36583.33 tonnes		
		221	42230.93 tonnes		
		Total	78814.26 tonnes		
1f	General remarks of inspecting officer on geology, exploration etc.	Bauxite mineralisation is available over the entire leasehold area of Kenedy 506. About 1.2362 ha bauxite lease, contains stratified deposits of both High and Low-Grade Bauxite. The entire area has already been explored in G-1 Category.			

#### 2.0 Development

SN	Item	Proposals (2023-24)	Actual (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Pit No.2, 46mRL - 50mRL, 531664 E 24440009 N North-west direction	Nil	-
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	One bench in topsoil and one bench in mineral no bench in overburden.	Nil	-
2c	Stripping ratio or ore to OB ratio	1:0	1:0	-
2d	Quantity of topsoil generation in m <sup>3</sup>	94 m <sup>3</sup>	Nil	-
2e	Quantity of overburden generation in m <sup>3</sup>	No proposal	Nil	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	There is no development of the pit during the year 2023-24. During the inspection, no development work is being carried out.		

#### 3.0 Exploitation

S.	Item	Proposals (2023-24)	Actual work	Remarks
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N			(2023-24)	
3a	Number of pits proposed for production	One pit (Pit No.2)	Nil	-
3b	Quantity of ROM mineral production proposed	3662.71 tonne	Nil	-
3c	Recovery of saleable/usable mineral from ROM production	100% (3662.71 tonne)	Nil	-
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	Hydraulic Shovel- 01 No. Dumper- 01 No.	Nil	-
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes Bench Height in Mineral: 3.5 m	Bench Height in Mineral: 3.5 m	-
3m	Total area covered under excavation/pits	Area under pit: 0.7 Ha	Area under pit: 0.51 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	0.90 Ha	0.52 HA	-
3p	Production of ROM mineral during last five-year period, as applicable	Yr 2020- 21 5198 t Yr 2021- 22 5550 t Yr 2022- 23 6360 t Yr 2023-24 3662.72 t	Yr 2020- 21 Nil Yr 2021- 22 Nil Yr 2022- 23 170 t Yr 2023-24 Nil	-
3q	General remarks of inspecting officer on method of mining etc.	Notice of temporary discontinuance of the mine was received on 08/07/2024. The mine is temporary discontinuance since 01/07/2024. During the inspection, there were no production & dispatch activities were being carried out.		

#### 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 generated and utilised: 79.65m <sup>3</sup> No proposal for dumping of topsoil and OB	Nil	-
4b	Location of topsoil, OB & mineral reject dumps	No Proposal	Nil	-
4c	Number of dumps within lease area	No Proposal	Nil	-

	and outside lease area			
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No Proposal	Nil	-
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 is no proposal of topsoil, overburden and waste dumping in the mine. During the inspection, no dump of topsoil, overburden and waste have been 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 approved mining plan.		

### 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 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	- 0.0083 15 - - ₹ 2000/	- 0.015 15 80 - -	-
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	No Proposal	Nil	-
6d	Compliance of Rehabilitation of	No Proposal	Nil	-

	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	PMCP compliance is found satisfactory.		

## 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	Grade wise sorting within lease area	Nil	-
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	Manual	
7c	Different grade of mineral sorted out at mines	Abrasive Grade, Refractory grade and Cement Grade	Nil	
7d	Any beneficiation process at mines	No Proposal	Nil	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	This excavated bauxite is hand sorted grade wise within the quarry, such as abrasive grade, refractory grade, and cement grade. During inspection mineral stack of cement grade and refractory grade was found.		

## 8.0 Environment

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	79.65 m <sup>3</sup>	Nil	-
8b	Concurrent use or storage of topsoil	Topsoil utilized for plantation	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)	15 saplings (Additional Plantation)	15 No.	-
8g	Survival rate	60%	About 60%	-
8h	Water sprinkling on roads to control airborne dust	Water sprinkling	-	-
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	The aesthetic beauty around the lease area is satisfactory.		

## 9.0 Compliance of Rule 45

S. N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	Monthly Report December, 2024 – Submitted on 06/01/2025	-

	Annual Report 2023-24 submitted on 20/06/2024	
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S. N.	Item	Observation of I/Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer- Mr. Amit Panchal Geologist – Mr. Biren Chauhan	-
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under working- 0.37 Ha. Occupied by plant, buildings, residential, welfare buildings and roads – 0.124 Ha	-
9d	Scrutiny of Annual return on afforestation	Sapling- 15 No., Survival: 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	Cement grade Stock: 7282.89 tonne Refractory grade Stock: 24.69 tonne	-
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Nil dispatch during the year.	-
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) Drone survey data has been analysed and found as per SOP.
- (2) No compliance is pending for earlier violations
- (3) During the inspection, no significant violation has been observed.

दिनांक :

(सुनील कुमार शर्मा)  
Senior Assistant Controller of Mines