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MCDR INSPECTION REPORT (RMP)

1.0 **GENERAL**

S.No	Particulars	Details
1(a)	Name of the Mine	LAMBA BAUXITE MINE S.NO 415/1P
1(b)	Name of Inspecting Officer & Designation	Naman Ekka, SMG
1(c)	Accompanying Mines Representatives	SRI VISHALKUMAR KAMALIYA, Mining Engg.
1(d)	Type of Inspection	RMP
1(e)	Date of Inspection	05.08.2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	5.49.35 HA
3	Mine Code	07GUJ07034
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. HARSHAD ROAD /P.O-BHATIA,TA-KALYANPUR,DIST-DEVBHUMIDWARKA,PH NO-02891-233199
6	Village	LAMBA
7	Taluka/Mandal	KALYANPUR
8	District	DEVBHUMI DWARKA
9	Pincode	361315
10	State	GUJARAT
11	Post office	BHATIA
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	06.12.2001 & 19.06.2031
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 – 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

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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
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	682(23)(547)/2007MCCM(N)UDP dated 07/11/2007
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	08/12/2016 (01.04.2016 TO 31.03.2021)
27	Mineral(s) granted in lease and proved for mining	BAUXITE
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 (2022-23)	Actual work (2022-23)	Remarks
1a	Backlog of previous year	No approved Proposal for 2021-22 & 2022-23	As Reported No work Carried out	As Reported Mines was non-working due to Lack of Demand. And Labour issue.
1b	Exploration over lease area for Geological axis 1 or 2.			
1c	Exploration Agency & Expenditure in lakh Rupees during the year			
1d	Balance area to be explored to bring Geological axis in 1 or 2			
1e	Balance reserves as on 01/04/2023	Reserve -328896.79 Tons Remaining Resources - 160621.16 Tons	Reserve -328896.79 Tons Remaining Resources - 160621.16 Tons	
1f	General remarks of inspecting officer on geology, exploration etc.	03 Trial Pits of Max. 06 m. depth has been done in 2021-22 as reported by the Lessee to Entire Lease area to be in G1 Category in combination with existing pits.		

2.0 Development

SN	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
2a	Location of development w.r.t. lease area	No approved Proposal for 2021-22 & 2022-23	As Reported No work Carried out	As Reported Mines was non-working due to Lack of Demand. And Labour issue.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)			
2c	Stripping ratio or ore to OB ratio			
2d	Quantity of topsoil generation in m3			
2e	Quantity of overburden generation in m3			
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Developed Pit is in irregular shape and cannot be considered as systematic Mining.		

3.0 Exploitation

S	Item	Proposals (2022-23)	Actual work	Remarks
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N			(2022-23)	
3a	Number of pits proposed for production	No approved Proposal for 2021-22 & 2022-23	As Reported No work Carried out	As Reported Mines was non-working due to Lack of Demand. And Labour issue.
3b	Quantity of ROM mineral production proposed			
3c	Recovery of saleable/usable mineral from ROM production			
3d	Quantity of mineral reject generation			
3e	Grade of mineral reject generation and threshold value declared			
3f	Quantity of sub-grade mineral generation			
3g	Grade of sub-grade mineral generation			
3h	Manual / Mechanised method adopted for segregating from ROM			
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject			
3j	Provision of drilling & blasting in mineral benches			
3k	Provision of mining machineries in mineral benches			
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM			
3m	Total area covered under excavation/pits			
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			
3p	Production of ROM mineral during last five-year period, as applicable	Yr 2018- 19 44798 Yr 2019- 20 44798 Yr 2020- 21 44798 Yr 2021-22 - Yr 2022-23 -	Yr 2018- 19 12400 Yr 2019- 20 Nil Yr 2020- 21 Nil Yr 2021-22 Nil Yr 2022-23 140	Violation of Rule 11(1)
3q	General remarks of inspecting officer on method of mining etc.	Method of Mining adopted is Opencast as reported it is a mechanized "A" Category mines.		

4.0 Solid Waste Management-Dumping

S	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	No approved Proposal for 2021-22 & 2022-23	As Reported No work Carried out	As Reported Mines was non-working due to Lack of Demand. And Labour issue
4b	Location of topsoil, OB & mineral reject dumps			
4c	Number of dumps within lease area and outside lease area			
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)			
4e	Number of active & alive dumps			
4f	Number of dead dumps			

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4g	Number of dumps stabilised			
4h	Whether Retaining wall or garland drain all along dumps are there			
4i	Length of Retaining wall or garland drain all along dump			
4j	Number of settling ponds			
4k	Specific comments of inspecting officer	As reported no Solid Waste generated		

5.0 Solid Waste Management-Backfilling

S N	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	No approved Proposal for 2021-22 & 2022-23	As Reported No work Carried out	As Reported Mines was non-working due to Lack of Demand. And Labour issue
5b	Area under backfilling of mined out area			
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)			
5d	Total area fully reclaimed & rehabilitated			
5e	General remarks of inspecting officer on backfilling, reclamation etc.	As reported No Backfilling done in the Past.		

6.0 Progressive Mine Closure Plan

S N	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2)	No approved Proposal for 2021-22 & 2022-23	Actual work done submitted in prescribed format with Annual Return	
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	No approved Proposal for 2021-22 & 2022-23	Nil Report has been submitted.	
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 approved Proposal for 2021-22 & 2022-23	Nil Report has been submitted.	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	No approved Proposal for 2021-22 & 2022-23	Nil Report has been submitted.	

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6e	Compliance of Environmental monitoring (core zone & buffer zone)	No approved Proposal for 2021-22 & 2022-23	As Reported Environmental monitoring (core zone & buffer zone) has been carried out.	
6f	General remarks of inspecting officer on PMCP compliance & progressive	Only Environmental monitoring (core zone & buffer zone) has been carried out.		

7.0 Mineral Conservation

S N	Item	Proposals (2022-23)	Actual (2022-23)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No approved Proposal for 2021-22 & 2022-23	As Reported No work Carried out	
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No approved Proposal for 2021-22 & 2022-23	As Reported No work Carried out	
7c	Different grade of mineral sorted out at mines	No approved Proposal for 2021-22 & 2022-23	As reported Bauxite is hand Sorted within the quarry for different grade, Such as a abrasive grade, Refectory grade, cement grade	
7d	Any beneficiation process at mines	No approved Proposal for 2021-22 & 2022-23	As reported The insitu Bauxite (ROM) mined is Mixture of ore and other waste Materials. Usually this Bauxite is hand Sorted within the quarry for different grade, Such as a abrasive grade, Refectory grade, cement grade. Apart from this hand sorting, no other methods are adopted.	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	As reported The insitu Bauxite (ROM) mined is Mixture of ore and other waste Materials. Usually this Bauxite is hand Sorted within the quarry for different grade, Such as a abrasive grade, Refectory grade, cement grade. Apart from this hand sorting, no other methods are adopted.		

8.0 Environment

S N	Item	Proposals (2022-23)	Actual work (2022-23)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	No approved Proposal for 2021-22 & 2022-23	As Reported No work Carried	
8b	Concurrent use or storage of topsoil			
8c	Separate dumps for overburden,			

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	waste rock, rejects and fines (Rule 37)			
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use			
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)			
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)			
8g	Survival rate			
8h	Water sprinkling on roads to control airborne dust	No approved Proposal for 2021-22 & 2022-23	As Reported No work Carried	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines.	Mines is surrounded by little vegetation and the region is Semi-Arid.		

9.0 Compliance of Rule 45

S. N	Item	COMMENTS		Remarks
	Status of submission of Monthly and Annual returns	M.R. Submitted up to – July - 23 A.R. submitted up to- 2022-23		
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	ME- Vishal Kamaliya Geologist – Biren Chauhan	ME- Vishal Kamaliya Geologist – Biren Chauhan	
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	<ol style="list-style-type: none"> Already exploited and abandoned by opencast (O-C) mining – 1.260 Ha. Occupied by plant, buildings, residential, welfare buildings and roads – 0.031 Ha. MINERAL STORAGE -0.139 Ha. 	As per Approved RMP- <ol style="list-style-type: none"> Area under mining operation – 1.78 Ha. Area under utility services - 0.28 Ha. Mineral Storage – 1.18 Ha. Green Belt – 2.00 Ha. 	Violation of Rule 45(5) read with Rule 45(7)
9d	Scrutiny of Annual return on afforestation	No. of Trees During Year -20 Survival Rate 20% Cumulative 25 Trees.	No. of Trees During Year -20 Survival Rate 20% Cumulative 25 Trees.	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	NIL Reported	As Reported No work Carried	

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9f	Scrutiny of Annual return on ROM stock and/or graded ore	ROM Stock - NIL	No ROM stock Present.	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Ex-Mine Price Reported for Cement grade – Rs.138.75	Ex-Mine Price Reported for Cement grade – Rs.138.75	
9i	Scrutiny of Annual return on fixed assets	NIL Reported	As Reported No work Carried	
9k	Scrutiny of Annual return on mining machineries	Tipper	Tipper	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:- Rule 11(1), Rule 45(5) Read with 45(7).