

MCDR INSPECTION REPORT

1.0 **GENERAL**

S.No	Particulars	Details
1 (a)	Name of the Mine	मेवासा बॉक्साइट खान (146,147)
1(b)	Name of Inspecting Officer & Designation	मनीष गुसा, सहायक खान नियंत्रक
1(c)	Accompanying Mines Representatives	श्री अनिल कुमार डोबरिया, खनन अभियंता
1(d)	Type of Inspection	रिव्यू खनन योजना
1(e)	Date of Inspection	23.03.2023
2	Total Lease Area (Ha) with breakup of Non-forest and forest land	Non Forest – 8.09 हे.
3	Mine Code	07GUJ07089
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/5331/2011
5	Name of the lessee, Address, phone, email and fax number	मै. कार्बोर्डम यूनिवर्सल लि. पो.बो.संख्या- 2, पोर्ट ओखा- 361 350 जिला- देवभूमि द्वारका (गुजरात) 02892 – 262063 okhaadmin@cumi.murugappa.com
6	Village	मेवासा
7	Taluka/Mandal	कल्याणपुर
8	District	देवभूमि द्वारका
9	Pincode	361 315
10	State	गुजरात
11	Post office	भाटिया
12	Nearest police station	भाटिया
13	Nearest Railway station	भोपालका
14	Date of Grant of Mining Lease	11.09.1995
15	Date of Execution	19.10.1996
16	Date of opening of Mine	01.11.1996
17	Date of first Renewal, if applicable and its period & expiry	13.05.2005
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	18.10.2046 तक वैध
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sh. N. Ananthasheshan 43, Moore Street, Chennai sahuak@cumi.murugappa.com , 23.11.2019
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	श्री अभय कुमार साहू पो.बो.संख्या- 2, पोर्ट ओखा- 361 350 जिला- देवभूमि द्वारका (गुजरात) 81228463857 sahuak2@cumi.murugappa.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	श्री अनिल कुमार डोबरिया पो.बो.संख्या- 2, पोर्ट ओखा- 361 350 जिला- देवभूमि द्वारका (गुजरात) 9904996498 dobariyaanil@cumi.murugappa.com , खनन अभियांत्रिकी (स्नातक)

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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.	हां।
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	684(4)(1)/MP-160/2018MDRD(N)GNR, दिनांक 10.09.2018 2018-19 से 2021-22
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) granted in lease and proved for mining	बॉक्साइट
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	A(OTFM)
30	Captive/Non Captive	Captive

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –

Exploration

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
1a	Backlog of previous year	NIL	N.A	
1b	Exploration over lease area for Geological axis 1 or 2.	--	7.1532 हे.	
1c	Exploration Agency & Expenditure in lakh Rupees during the year	NIL	N.A	
1d	Balance area to be explored to bring Geological axis in 1 or 2	NIL	N.A	
1e	Balance reserves as on 01.04.2022.	--	203748 टन	
1f	General remarks of inspecting officer on geology, exploration etc.	पर्यावरण अनुमति के अभाव के कारण पाँच वर्षों से खनन कार्य अस्थाई रूप से बंद है।		

2.0 Development

SN	Item	Proposals (2021-22)	Actual (2021-22)	Remarks
2a	Location of development w.r.t. lease area	Pit 1	--	पर्यावरण अनुमति के अभाव के कारण पाँच वर्षों से खनन कार्य अस्थाई रूप से बंद है।
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	YES	--	
2c	Stripping ratio or ore to OB ratio	1:1.12	--	
2d	Quantity of topsoil generation in m3	6170 मी ³	--	
2e	Quantity of overburden generation in m3	9255 मी ³	--	
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Separate benches in OB have made. Very thin layer of top soil found		

3.0 Exploitation

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
3a	Number of pits proposed for production	One	NIL	
3b	Quantity of ROM mineral production	29689 टन	NIL	

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	proposed			
3c	Recovery of saleable/usable mineral from ROM production	28205 टन	NIL	
3d	Quantity of mineral reject generation	1484 टन	NIL	
3e	Grade of mineral reject generation and threshold value declared	Al ₂ O ₃ <30%	--	
3f	Quantity of sub-grade mineral generation	--	--	
3g	Grade of sub-grade mineral generation	--	--	
3h	Manual / Mechanised method adopted for segregating from ROM	Manual	--	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	N.A	N.A	
3j	Provision of drilling & blasting in mineral benches	NO	--	
3k	Provision of mining machineries in mineral benches	Yes	--	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	Yes	Yes	
3m	Total area covered under excavation/pits	2.9510 हे.	2.95 हे.	
3n	Ore to OB ratio for the pit/mine during the year	1:1.12	--	
3o	Total area put in use under different heads at the end of year	Pit- 2.9510 हे. Roads -0.10 हे.	Pit- 0.66 हे. Roads- .08 हे.	
3p	Production of ROM mineral during last five-year period, as applicable	2018-19: 29878 टन 2019-20: 29685 टन 2020-21: 30008 टन 2021-22: 29689 टन	--	
3q	General remarks of inspecting officer on method of mining etc.	पर्यावरण अनुमति के अभाव के कारण पाँच वर्षों से खनन कार्य अस्थाई रूप से बंद है।		

4.0 Solid Waste Management-Dumping

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)	YES	--	
4b	Location of topsoil, OB & mineral reject dumps	SBZ	--	
4c	Number of dumps within lease area and outside lease area	NIL	--	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	NIL	--	
4e	Number of active & alive dumps	NIL	--	
4f	Number of dead dumps	NIL	--	
4g	Number of dumps stabilised	NIL	--	
4h	Whether Retaining wall or garland drain all along dumps are there	NIL	--	
4i	Length of Retaining wall or garland drain all along dump	NIL	--	
4j	Number of settling ponds	NIL	--	
4k	Specific comments of inspecting officer	पर्यावरण अनुमति के अभाव के कारण पाँच वर्षों से खनन कार्य अस्थाई रूप से बंद है।		

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5.0 Solid Waste Management-Backfilling

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
5a	Status on part or full extraction of mineral from mined out area before starting backfilling	Partial	--	
5b	Area under backfilling of mined out area	NIL	--	
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)	NIL	--	
5d	Total area fully reclaimed & rehabilitated	NIL	--	
5e	General remarks of inspecting officer on backfilling, reclamation etc	पर्यावरण अनुमति के अभाव के कारण पाँच वर्षों से खनन कार्य अस्थाई रूप से बंद है।		

6.0 Progressive Mine Closure Plan

S N	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 26(2)	As per rule	Submitted	
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	-- 0.05 हे. 100 410 ₹ 1,000	--	
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	--	
6d	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	NIL	--	
6e	Compliance of Environmental monitoring (core zone & buffer zone)	Yes	--	
6f	General remarks of inspecting officer on PMCP compliance & progressive	पर्यावरण अनुमति के अभाव के कारण पाँच वर्षों से खनन कार्य अस्थाई रूप से बंद है।		

7.0 Mineral Conservation

SN	Item	Proposals (2021-22)	Actual (2021-22)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	Grade-wise sorting within lease area	--	पर्यावरण अनुमति के अभाव के कारण पाँच वर्षों से खनन कार्य अस्थाई रूप से बंद है।

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7b	Method of grade-wise mineral sorting i.e. manual or mechanical	Manual	--	
7c	Different grade of mineral sorted out at mines	Refractory and Abrasive	--	
7d	Any beneficiation process at mines	NIL	--	
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	Mineral conservation is practised by manual sorting to get desired grade. Optimum utilization of ore up to threshold value.		

8.0 Environment

SN	Item	Proposals (2021-22)	Actual work (2021-22)	Remarks
8a	Separate removal and utilization of topsoil (Rule 36)	Yes	--	
8b	Concurrent use or storage of topsoil	NIL	--	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 37)	NIL	--	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	NIL	--	
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	NIL	--	At present no area is available for backfilling.
8f	Baseline information on existence of plantation & additional plantation done (Rule 44)	NIL	--	
8g	Survival rate	80%	--	
8h	Water sprinkling on roads to control airborne dust	Proposed.	--	
8i	General remarks of inspecting officer on aesthetic beauty in and around mines are	पर्यावरण अनुमति के अभाव के कारण पाँच वर्षों से खनन कार्य अस्थाई रूप से बंद है।		

9.0 Compliance of Rule 45

S. N	Item	COMMENTS	Remarks
	Status of submission of Monthly and Annual returns	M.R. of February, 2023 Submitted on 05.03.2023 A.R. submitted for the year 2021-22 on 26.05.2022	

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	--	पर्यावरण अनुमति के अभाव के कारण पाँच वर्षों से खनन कार्य अस्थाई रूप से बंद है।
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	YES	--	
9d	Scrutiny of Annual return on afforestation	YES	--	
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	YES	--	
9f	Scrutiny of Annual return on ROM stock and/or graded ore	YES	--	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	YES	--	

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9i	Scrutiny of Annual return on fixed assets	YES	--	
9k	Scrutiny of Annual return on mining machineries	YES	--	

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-
 पिछले निरीक्षण दिनांक 25.07.2018 में नियम संख्या 11(1), 26(2), 28(1) तथा 32(1)(a) का उल्लंघन पाया गया था, जिसके आधार पर दिनांक 09.07.2019 को अभियाग दायर किया गया है। खान का स्टार रेटिंग मूल्यांकन पूर्व में दिनांक 31.12.2022 को किया गया है, जिसमें अंक 46.92% से 46.15% हुए हैं। खान वर्ष 2021-22 में वर्ष भर बंद रही। खान मालिक के अनुसार स्टार रेटिंग प्रपत्र जमा करने पर 'Right now you are not eligible for star rating due to less number of working days than 181' का संदेश आया है। वर्तमान निरीक्षण रिच्यू खनन योजना के लिए किया गया। दो वर्षों में उत्पादन/प्रेषण नहीं होने के कारण खनन योजना दिनांक 21.04.2023 को वापस कर दी गई है। आयुक्त, भू-विज्ञान एवं खनन के पत्र संख्या CGM/Lease/ML/2022-23/580, दिनांक 10.03.2023 के अनुसार खनन पट्टा खंडित नहीं है, इस संबंध में दिनांक 27.04.2023 को पत्र भेज कर वर्तमान स्थिति से अवगत करवाने का आग्रह किया गया है। निरीक्षण के समय कोई उल्लंघन नहीं पाया गया। पर्यावरण अनुमति के अभाव में खान पाँच वर्षों से अस्थाई रूप से बंद की गई है, खनन कार्य होता हुआ नहीं पाया गया।

(मनीष गुप्ता)
 सहायक खान नियंत्रक