

MCDR INSPECTION REPORT

1.0 GENERAL

SN	Particulars	Details
1 (a)	Name of the Mine	Dakor Bauxite Mine, 1044, 1045 & 1046
1(b)	Name of Inspecting Officer	Snehalkumar Patel, Asst. Mining Engineer
1(c)	Type of Inspection	MCDR/SDF
1(d)	Date of Inspection	09-10-2024
2.	Total Lease Area (Ha) with breakup of Non-forest and forest land	Total ML area – 5.09 HA. Forest land – 0.0 Non Forest land – 5.09 HA.
3	Mine-code	07GUJ09003
4	IBM Registration Number under rule 45 of MCDR, 1988	IBM/9072/2012
5	Name of the lessee, Address, phone, email and fax number	Late Smt. Pushpaben Hiralal Joshi Legal Heir Sh. Janakkumar kantilal Sadhu R/o 2531, Alkapuri Society, Opp Pranami Temple, Dakor Ta : Thasra, Dist : Kheda, Gujarat- 388 225 Ph.-02699-244127, E-mail: info@rkminesandminerals.com
6	Village	Dakor
7	Taluka/Mandal	Thasara
8	District	Kheda
9	Pin code	388225
10	State	Gujarat
11	Post office	Dakor
12	Nearest police station	Dakor
13	Nearest Railway station	Dakor
14	Date of Grant of Mining Lease	20-08-1976
15	Date of Execution	07-02-1977
16	Date of opening of Mine	07-02-1977
17	Date of first Renewal, if applicable and its period & expiry	NA
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	Extension upto 06-02-2027 on 21-03-2020
20	Name of the Nominated Owner with Address, phone, email, fax number and date of appointment	Sh. Janakkumar kantilal Sadhu R/o 2531, Alkapuri Society, Opp Pranami Temple, Dakor Ta : Thasra, Dist : Kheda, Gujarat- 388 225 Ph.-02699-244127, E-mail: info@rkminesandminerals.com
21	Name of the Mine Agent with Address, phone, email, fax number and date of appointment	NA
22	Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines	Environment Clearance Certificate has not been granted to the lessee. Therefore, mining operations are not carried out. So, mines manager is not deployed.
23	Name of the Mining Engineer, Qualification and total experience with Address, phone, email, fax number and date of appointment in mine	Sh. Rakesh Dodiya, (BE Mining) 216 Shivam Complex Sola Science city road Ahmedabad, Mob.: 9274473822, E-mail: rakeshdodiya0@gmail.com DoA-15/07/2020
24	Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44.	Smt. Ami Jain, (MSC Geology) R/o 2531, Alkapuri Society, Opp Pranami Temple, Dakor Ta : Thasra, Dist : Kheda, Gujarat- 388 225 Ph.-02699-244127, E-mail: jain.geology@gmail.com
25	Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.	Mining Plan 682(23)(923/99)MCCM(N)UDP, Dated 12-10-1999 Period: 2000-01 to 2004-05
26	Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any.	Review of Mining plan: 684(4)(1)/MP-50/2017-18-MDRD/GNR, dated 24-08-2017 Period: 2017-18 to 2021-22 684(4)(1)/MP-390/2021-22-MDRD/GNR, dated 07-03-2022 Period: 2022-23 to 2026-27
27	Mineral(s) granted in lease and proved for mining	Bauxite
28	Method of Mining(Open cast, Underground)	Open cast
29	Category (Fully Mechanised, Others or Manual)	Category A Mechanised
30	Captive/Non Captive	Non Captive

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

Exploration

SN	Item	Proposals	Actual work	Remarks
1a	Backlog of previous year	2017-18 02 BH 14m each	02	Work done
1b	Exploration over lease area for Geological axis 1 or 2.	No proposal	NA	-
1c	Exploration Agency & Expenditure in lakh Rupees during the year	No proposal	NA	-
1d	Balance area to be explored to bring Geological axis in 1 or 2	No proposal	NA	-
1e	Balance reserves as on 31.03.2024 (in Mio. Metric Tonne)	111- 4,68,298 T 211 – 2,09,414 T		
1f	General remarks of inspecting officer on geology, exploration etc.	There is no production in the year 2023-24 & 2024-25 (up to September24), So there is no change in the total resources.		

2.0 Development

S N	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
2a	Location of development w.r.t. lease area	Pit 1 & 2 East direction	Pit-1 62x32x4 M Pit-2 224x98x2.5M	Production are not carried out due to EC is not granted.
2b	Separate benches in topsoil, overburden and mineral (Rule 15)	Not proposed	No top soil and no overburden	topsoil available in remarkable thickness
2c	Stripping ratio or ore to OB ratio	Not proposed	NA	-
2d	Quantity of topsoil generation in m3	Not proposed	NA	-
2e	Quantity of overburden generation in m3	Not proposed	NA	-
2f	General remarks of inspecting officer on development of pit w.r.t. type of deposit etc.	Environment Clearance Certificate has not been granted to the lessee. Therefore, Production is not carried out.		

3.0 Exploitation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
3a	Number of pits proposed for production	2	Nil	Production are not carried out due to EC is not granted.
3b	Quantity of ROM mineral production proposed	50,000 T	0 T	
3c	Recovery of saleable/usable mineral from ROM production	100 %	0 %	
3d	Quantity of mineral reject generation	No proposal	Nil	
3e	Grade of mineral reject generation and threshold value declared	No proposal	NA	
3f	Quantity of sub-grade mineral generation	No proposal	NA	
3g	Grade of sub-grade mineral generation	No proposal	NA	
3h	Manual / Mechanised method adopted for segregating from ROM	Mechanised	NA	
3i	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	No proposal	NA	
3j	Provision of drilling & blasting in mineral benches	No proposal	NA	
3k	Provision of mining machineries in mineral benches	Excavator and 1 dumper	No mining machineries are deployed	
3l	Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM	No proposal	NA	
3m	Total area covered under excavation/pits	2.659 ha.	2.51 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	3.5713 Ha	3.084 Ha	
3p	Production of ROM mineral during last	2019-20: 50,002 T	2019-20: 47,000 T	There is no

	five-year period, as applicable	2020-21: 50,009 T 2021-22: 50,009 T 2022-23: 50,000 T 2023-24: 50,000 T	2020-21: 48,400 T 2021-22: 50,000 T 2022-23: 50,000 T 2023-24: 0 T	production from mine due to EC is not granted.
3q	General remarks of inspecting officer on method of mining etc.	Environment Clearance Certificate has not been granted to the lessee. Therefore, mining operations are not carried out.		

4.0 Solid Waste Management-Dumping

No Solid Waste Management Dumping				
SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
4a	Separate dumping of topsoil, OB & mineral reject (Rule 32, 33)	No proposal	NA	There is no proposal for OB and Mineral rejects.
4b	Location of topsoil, OB & mineral reject dumps	No proposal	NA	
4c	Number of dumps within lease area and outside lease area	No proposal	NA	
4d	Location of dumps w.r.t. ultimate pit limit (Rule 16)	No proposal	NA	
4e	Number of active & alive dumps	No proposal	NA	
4f	Number of dead dumps	No proposal	NA	
4g	Number of dumps stabilised	No proposal	NA	
4h	Whether Retaining wall or garland drain all along dumps are there	No proposal	NA	
4i	Length of Retaining wall or garland drain all along dump	No proposal	NA	
4j	Number of settling ponds	No proposal	NA	
4k	Specific comments of inspecting officer	There is no proposal of overburden and waste dump in the lease area. Top soil use for plantation.		

5.0 Solid Waste Management-Backfilling

SN	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	NA	-
5b	Area under backfilling of mined out area	No proposal	NA	-
5c	Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32)	No proposal	NA	-
5d	Total area fully reclaimed & rehabilitated	No proposal	NA	-
5e	General remarks of inspecting officer on backfilling, reclamation etc	There is no proposal of backfilling in the previous approved mining plan. Environment Clearance Certificate has not been granted to the lessee. Therefore, mining operations are not carried out.		

6.0 Progressive Mine Closure Plan

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
6a	Whether Annual report on PMCP submitted on time and correctly - Rule 23E (2).	Yes submitted on 19-06-2024		EC has not been granted to the lessee, therefore Production are not being carried out.
6b	Management of worked/mined out benches i) Area available for rehabilitation (ha)	No Proposal	NA	
6c	Afforestation done (ha)	0.1 Ha	0.1 Ha	-
6d	No. of saplings planted during the year	100	50 approx.	Survival rate in 50% Violation issued.
6e	Cumulative no. of plants	NA	70 approx.	Near boundary
6f	Any other specific method of rehabilitation	Nil	Nil	-
6g	Cost incurred on watch & care during the year	NA	NA	-
6h	Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D)	No Proposal	NA	-

6i	Compliance on reclamation and rehabilitation by backfilling ii) Void filled by waste/tailings	No Proposal	NA	
6j	Compliance on reclamation and rehabilitation by backfilling iii) Afforestation on the backfilled area	No Proposal	NA	
6k	Compliance on reclamation and rehabilitation by backfilling iv) Rehabilitation by making water reservoir	No Proposal	NA	
6l	Compliance on reclamation and rehabilitation by backfilling v) Any other specific means	No Proposal	NA	
6m	Compliance of Rehabilitation of waste land within lease i) Afforestation	No Proposal	NA	
6n	Compliance of Rehabilitation of waste land within lease ii) Area rehabilitated (ha)	No Proposal	NA	
6o	Compliance of Rehabilitation of waste land within lease iii) Method of rehabilitation	No Proposal	NA	
6p	General remarks of inspecting officer on PMCP compliance & progressive	EC has not been granted to the lessee, therefore Production are not being carried out. Simultaneously PMCP compliances are not being carried out.		

7.0 Mineral Conservation

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
7a	ROM Mineral dispatch or grade-wise sorting within lease area	No Proposal	Mineral dispatch 94287.034 T	Only material dispatched.
7b	Method of grade-wise mineral sorting i.e. manual or mechanical	No Proposal	NA	-
7c	Different grade of mineral sorted out at mines	No Proposal	NA	-
7d	Any beneficiation process at mines	No Proposal	NA	-
7e	General remarks of inspecting officer on Mineral conservation & beneficiation issues	There is no proposal of crushing and screening with in lease area.		

8.0 Environment

SN	Item	Proposals (2023-24)	Actual work (2023-24)	Remarks
8a	Separate removal and utilization of topsoil (Rule 32)	No proposal	NA	
8b	Concurrent use or storage of topsoil	No proposal	NA	
8c	Separate dumps for overburden, waste rock, rejects and fines (Rule 33)	No proposal	NA	
8d	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	No proposal	NA	EC has not been granted to the lessee; therefore Production is not being carried out. So, fewer plantations were done. Violation issued.
8e	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	No proposal	NA	
8f	Baseline information on existence of plantation & additional plantation done (Rule 41)	100	50 approx.	
8g	Survival rate	80 %	50%	
8h	Water sprinkling on roads to control airborne dust	Proposed	Nil	No mining operations.
8i	General remarks of inspecting officer on aesthetic beauty in and around mines area	EC has not been granted to the lessee; therefore Production is not being carried out.		

9.0 Compliance of Rule 45

S.N	Item	COMMENTS	Remarks
9a.	Status of submission of Monthly and Annual returns	All the monthly returns for the year 2023-24 submitted. Annual return was submitted for the year 2023-24 on 19-06-2024	

S.N	Item	Details Given in Annual return	Observation of I/c Officer	Remarks
9b	Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager	Mining Engineer : Sh. Rakesh Dodiya, (BE Mining) Geologist :Smt. Ami Jain, (MSC Geology)		Annual Returns for the year 2023-24 were submitted. All the monthly returns from April 2023 to March 2024 (up to September 2024) submitted.
9c	Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc.	Area under mining non forest: 1.8 Ha. Reclaimed-rehabilitated area: 0.27 Ha. Dumps: 00 Ha. MINERAL STACK: 0.72 Ha. Other (Road, Infrastructure, ect.): 0.120 Ha.		Areas not match with approved mining plan. Violation issued.
9d	Scrutiny of Annual return on afforestation	100 nos of sapling within lease area survival rate :80%	Approx. 50 Nos. within lease area survival rate :50%	Violation issued.
9e	Scrutiny of Annual return on mineral reject generation (Grade & quantity)	No production reported	-	EC has not been granted to the lessee; therefore Production is not being carried out.
9f	Scrutiny of Annual return on ROM stock and/or graded ore	--	Only dispatched 94287.034 T	
9g	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	--	Only dispatched 689.99/- Ex-mine price	
9i	Scrutiny of Annual return on fixed assets	Industrial, Plant and Machinery including transport equipment, Residential-1,69,00,000/-		
9k	Scrutiny of Annual return on mining machineries	SHOVEL (HYDRAULIC)-0.9 Cum WATER TANKER 5000 lit. capacity		

10- Details of violations observed during current inspection and compliance position of earlier violation pointed out: - As per office record no violation pending. During inspection violation of Rule 11(1) for the rectification of the same within a period of 45 Days & office record rule 45(5)(c) for the rectification of the same within a period of 30 Days. The MCDR/SDF inspection of above mentioned mine was done on 09-10-2024 & lessee has submitted the Temporary discontinuous notice of mining operation w.e.f. 03-07-2024 in form-E to this office on 08-10-2024 due to statutory order from State Govt. No mining works were observed during the time of inspection.

The Drone data has been examined and returned to the party as it has not been submitted as per SOP.

स्नेहलकुमार पटेल
सहायक खनन अभियंता
भारतीय खान ब्यूरो
